

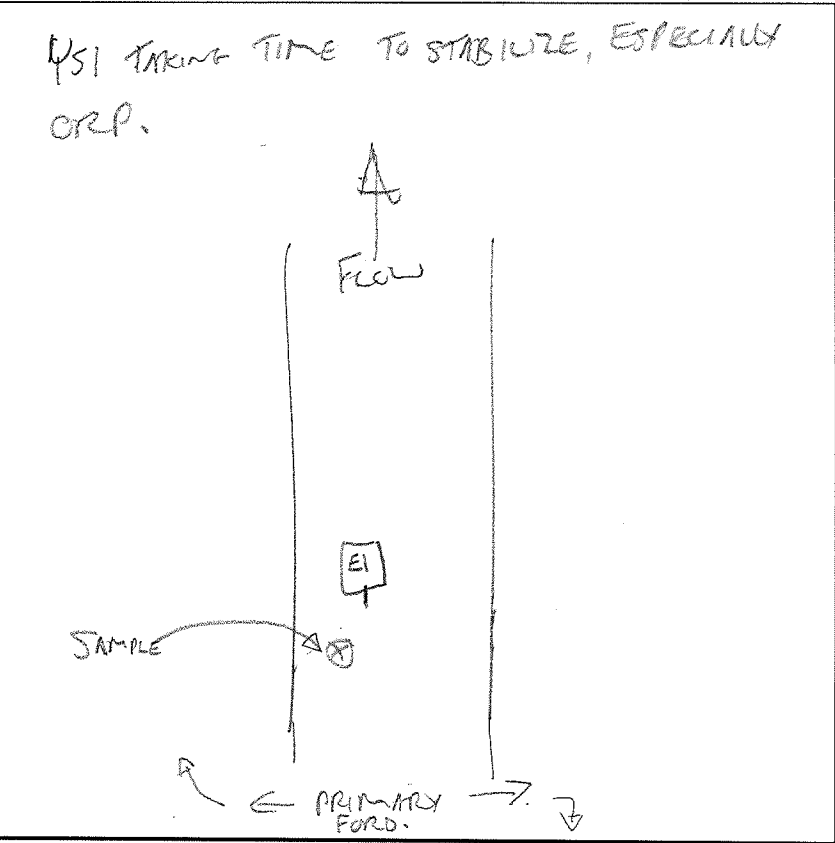
SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E1	Project Number:	16-240.4 Clinton Creek Water Program	Date:	16 AUG 2016
UTM Coordinates	ZONE E 0513653 N 7147107	Client:	Yukon Government (AAM)	Samplers:	CR + NB
Waypoint	GPS <u>CR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 19°C PART CLOUDY LIGHT WIND.
Photos	Cam <u>CR</u> Nos. <u>7062-7065</u>				
Sample Time (24h)	1710	Duplicate Collected:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Name <u>DUP 1</u>		
Field Blank Collected:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Name <u>FBI</u>				

Field Parameter Measurements (note units if different than those stated)

Station Status	Good - TURBID!
Sample Depth (m)	0.1
Temperature (°C)	12.8
pH (pH Units)	8.86
Cond. (µs/cm)	338.6
Specific Cond. (µs/cm)	441.5
Redox (mV)	-28.3
DO (mg/L)	9.6 10.17
DO (%)	96.0
Turbidity (NTU)	TURBID.
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID!

Site Sketch



Field Measurements Log

YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1716</u>
Sample Time	(hh:mm) <u>1710</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

Sample Site (Con't): E1

Sample Date (Con't): AUG 16 2016

Sample Time (Con't): 1710

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: FULL SAMPLE + DUPL 1
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	1
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	1
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	1
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	1
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	1
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	1
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	1
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	1
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	1
Total:					10	10

General Notes:

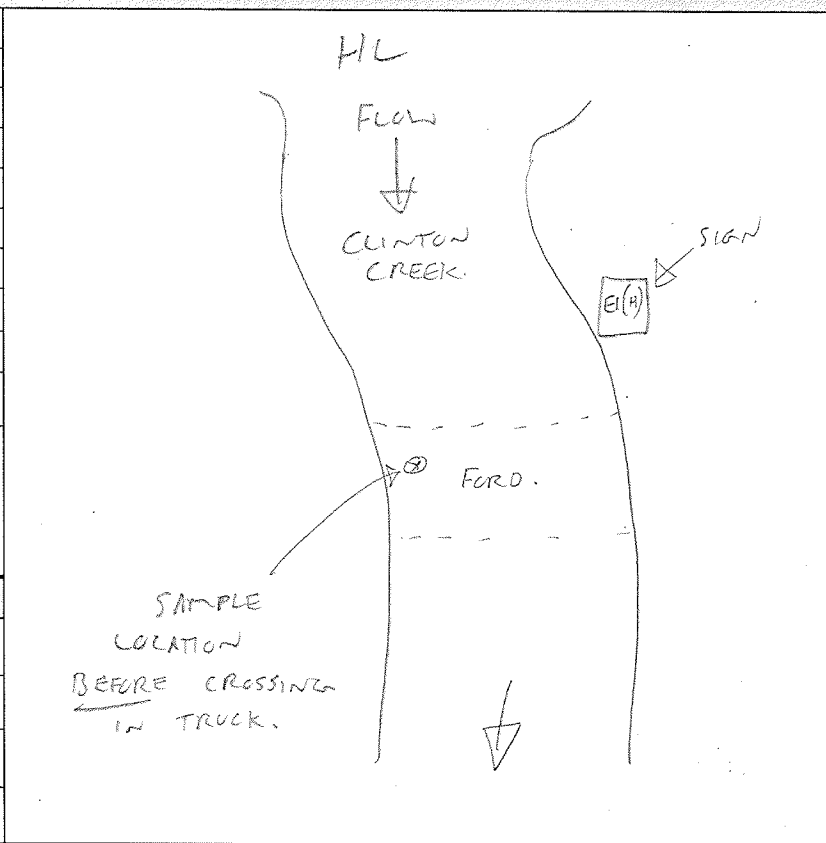
DUP 1 + FB 1.
 10 BOTTLES TOTAL IN DUP 1.
 3 FILTERS PER BOTTLE SET. (6 TOTAL)

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E1(H)	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG-20 2016
UTM Coordinates	ZONW E 0512850 N 744423	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>NAME</u> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~11°C SPOTS OF RAIN WIND.
Photos	Cam <u>NAME</u> Nos. 7182-7187				
Sample Time (24h)	1010	Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD. SLIGHTLY TURBID.
Sample Depth (m)	0.1
Temperature (°C)	12.1
pH (pH Units)	7.89
Cond. (µs/cm)	332.3
Specific Cond. (µs/cm)	441.0
Redox (mV)	117.1
DO (mg/L)	8.90
DO (%)	83.1
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	SLIGHTLY TURBID.



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1011</u>
Sample Time	(hh:mm) <u>1010</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): E1(H)

Sample Date (Con't): Aug 20 2016

Sample Time (Con't): 1010

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>Aug 20 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and Cr(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and Cr(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	10

General Notes:

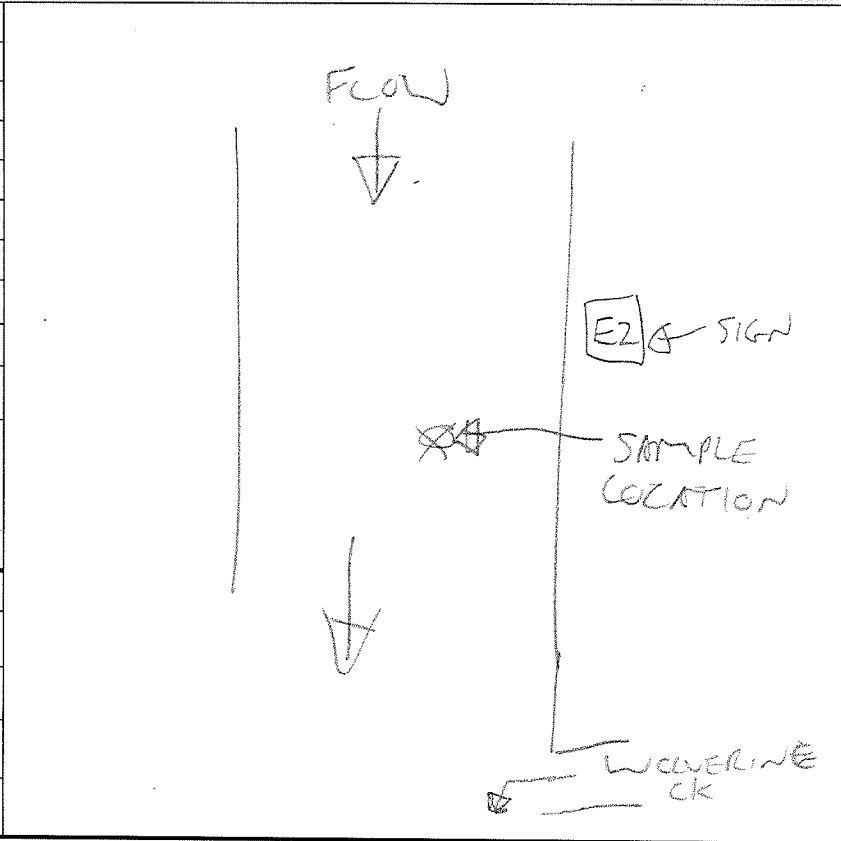
10 BOTTLES IN SAMPLE AND ~~A SET~~ DUPLICATE SET

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E2	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 17 2016
UTM Coordinates	ZONE E 0514168 N 7147077	Client:	Yukon Government (AAM)	Samplers:	GR + N13
Waypoint	GPS <u>GMR</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~24°C MISTY BLUE SKIES. LIGHT WIND
Photos	Cam <u>GMR</u> Nos. 7103-7107				
Sample Time (24h)	1420	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD. HIGH WATER
Sample Depth (m)	0-1
Temperature (°C)	12.0
pH (pH Units)	7.76
Cond. (µs/cm)	411.1
Specific Cond. (µs/cm)	547.3
Redox (mV)	73.7
DO (mg/L)	18.1
DO (%)	93.8
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	SLIGHTLY TORBID.



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1433
Sample Time	(hh:mm) 1420
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): EZ
 Sample Date (Con't): AUG 17 2016
 Sample Time (Con't): 1420

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: Full SET
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input checked="" type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					11	

General Notes:

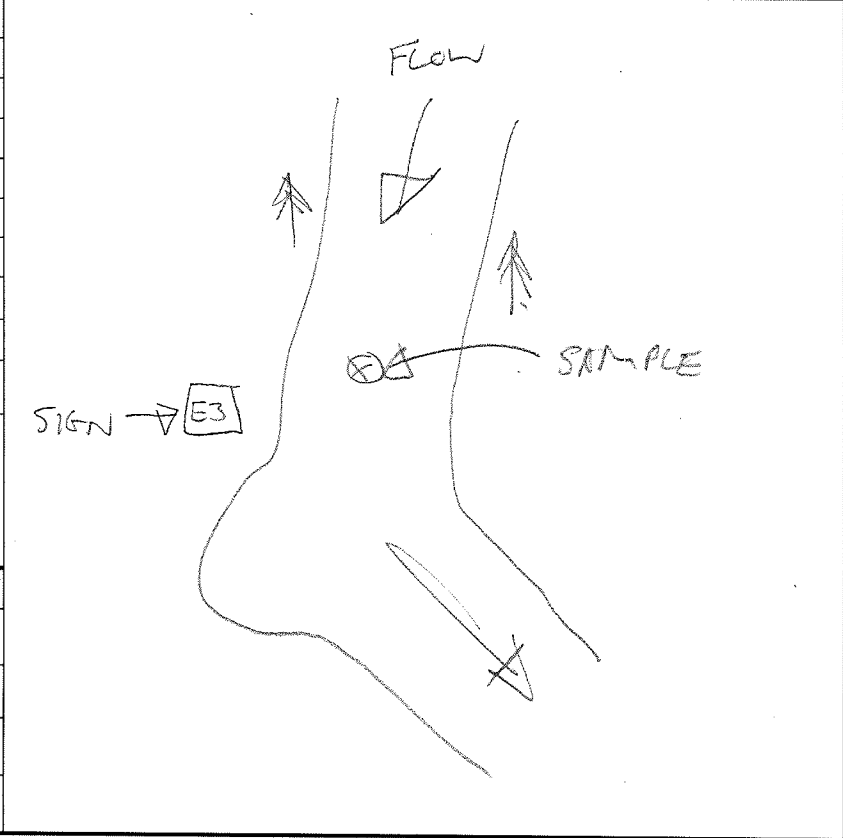
NOTE TURBIDITY OF WOLVERINE CR AS IT ENTERS CLINTON CR.
 (SEE PHOTOS).
 ORP TAKING TIME TO STABILIZE. > 10 MINS

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E3	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 16 2016
UTM Coordinates	ZONE E 051474 N 7147189	Client:	Yukon Government (AAM)	Samplers:	GR + NB.
Waypoint	GPS <u>GR</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~15°C PART CLOUDY.
Photos	Cam <u>GR</u> Nos. <u>7059 - 7061</u>				
Sample Time (24h)	1610	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	Good TURBID!
Sample Depth (m)	0.1
Temperature (°C)	5.8
pH (pH Units)	10.07 11.96
Cond. (µs/cm)	216.8 272.6
Specific Cond. (µs/cm)	472.9 430.1
Redox (mV)	-100.4
DO (mg/L)	12.44 12.20
DO (%)	97.6
Turbidity (NTU)	-
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID!



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1620.
Sample Time	(hh:mm) 1610.
Unit Used	<input type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): E3

Sample Date (Con't): AUG 16 2016

Sample Time (Con't): 1610

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)	
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>FULL SET</u>	
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1		
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input checked="" type="checkbox"/>	1		*
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1		
Total:					10	▽	

* ASBESTOS ✓

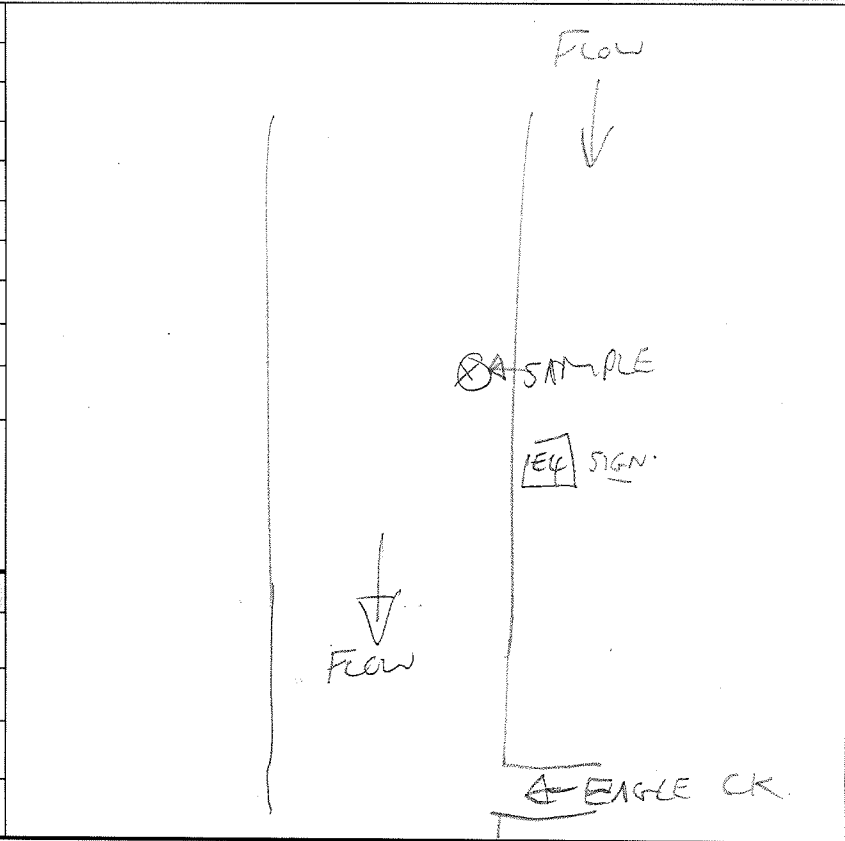
General Notes:
TURBID. METER TOOK A WHILE TO STABILIZE.
USED 8 FILTERS. * ASBESTOS SAMPLE COLLECTED ON
AUG 17 @ 0810.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E4	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 18 2016
UTM Coordinates	Z9W E 0515945 N 7145283	Client:	Yukon Government (AAM)	Samplers:	GRT NB
Waypoint	GPS GML Name ✓	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	N 21°C SUNNY PART CLOUDY NO WIND
Photos	Cam GML Nos. 7124-7128				
Sample Time (24h)	1510	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD (TURBID)
Sample Depth (m)	0.1
Temperature (°C)	12
pH (pH Units)	7.89
Cond. (µs/cm)	416.5
Specific Cond. (µs/cm)	554.1
Redox (mV)	125.5
DO (mg/L)	10.25
DO (%)	95.3
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID (BROWN)



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1515
Sample Time	(hh:mm) 1510
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): EQ

Sample Date (Con't): AUG 18 2016

Sample Time (Con't): 1510

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)	
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: AUG 20 2016 1425 *	
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	AUG 18 2016	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and Cr(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and Cr(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>			
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1		↓
Total:					9		

General Notes:

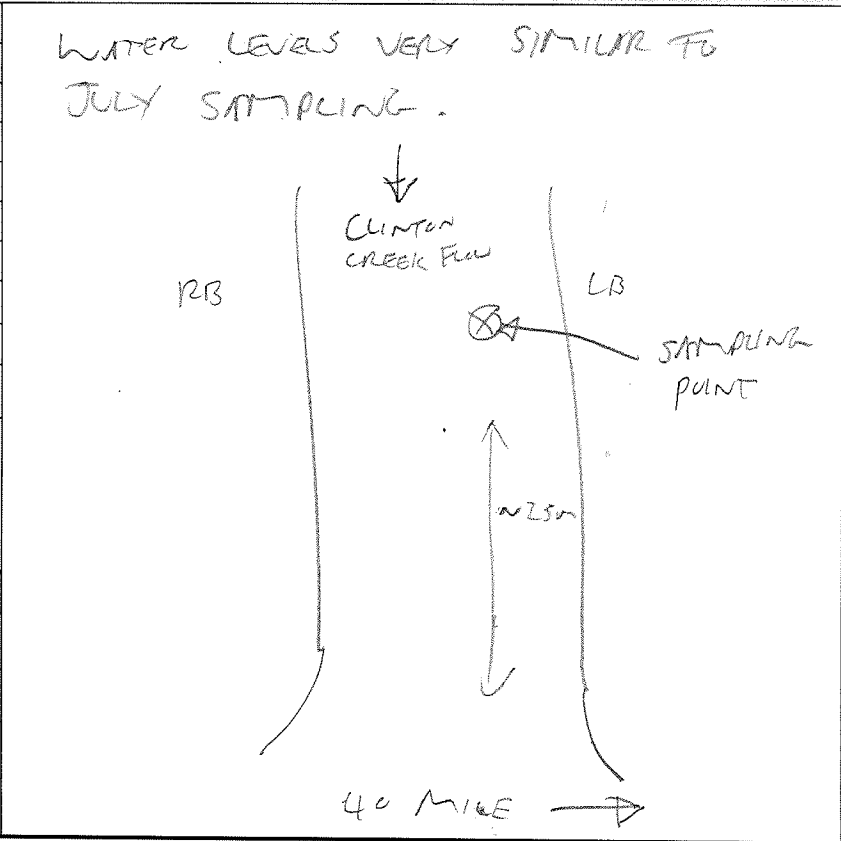
TURBID. DARK BROWN.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E7	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 18 2016
UTM Coordinates	Z 070 E 0519358 N 7142050	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>Gmz</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~15°C SUNNY.
Photos	Cam <u>Gmz</u> Nos. <u>7112-7115</u>				
Sample Time (24h)	1125	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD. WATER HIGH + TURBID
Sample Depth (m)	0.1
Temperature (°C)	8.0
pH (pH Units)	7.98
Cond. (µs/cm)	353.7
Specific Cond. (µs/cm)	523.7
Redox (mV)	113.4
DO (mg/L)	11.12
DO (%)	94.2
Turbidity (NTU)	
Appearance & Odour (Clear, Silty, HC odours, etc.)	V. TURBID. (BROWN)



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1142</u>
Sample Time	(hh:mm) <u>1125</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): E7

Sample Date (Con't): AUG 18 2016

Sample Time (Con't): 1125

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 20 2016 1445</u> *
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	<u>AUG 18 2016</u>
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	↓
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>	.	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	↓
Total:					10	

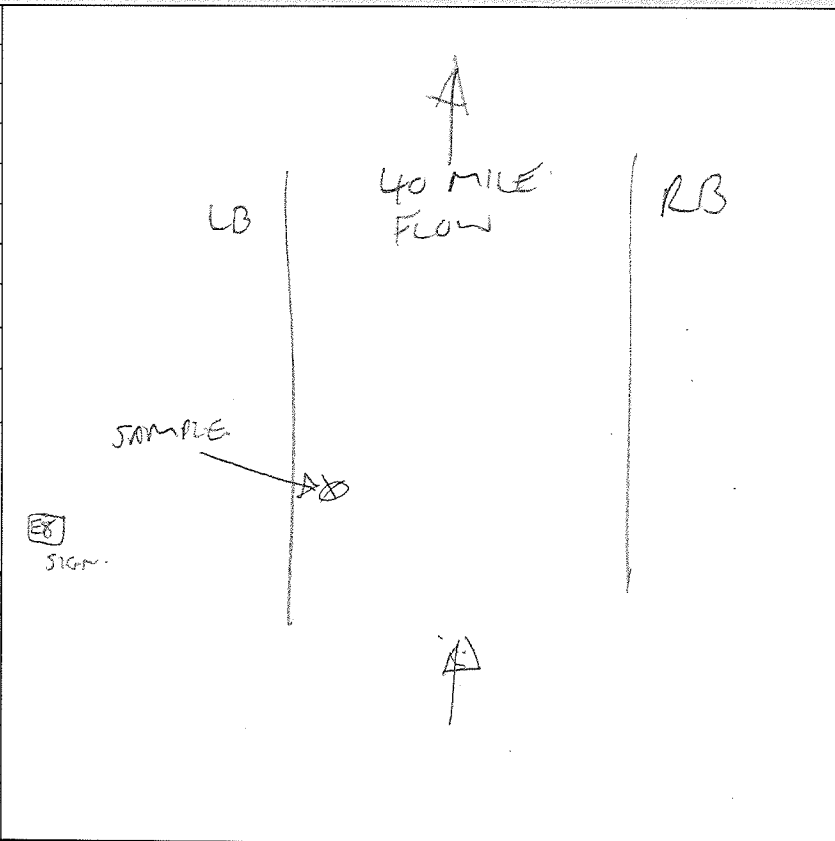
General Notes:
 WATER VERY TURBID. BROWN.
 CRP TAKING A LONG TIME TO STABILIZE (> 10 MINS)

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	E8	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 18 2016
UTM Coordinates	ZONE E 0519451 N 7142793	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <input checked="" type="checkbox"/> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 18°C SUNNY. LIGHT BREEZE
Photos	Cam <input checked="" type="checkbox"/> Nos. 7116 - 7118				
Sample Time (24h)	1315	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD
Sample Depth (m)	0.1
Temperature (°C)	9.3
pH (pH Units)	8.36
Cond. (µs/cm)	119.3
Specific Cond. (µs/cm)	170.6
Redox (mV)	220.0
DO (mg/L)	11.12
DO (%)	96.6
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	V. TURBID. (BROWN)



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1324
Sample Time	(hh:mm) 1315
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): E8
 Sample Date (Con't): AUG 18 2016
 Sample Time (Con't): 1315 except Gen Chem

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 20 2016 1450</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	<u>AUG 18 2016</u>
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and Cr(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and Cr(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10 9 + 1	

General Notes:

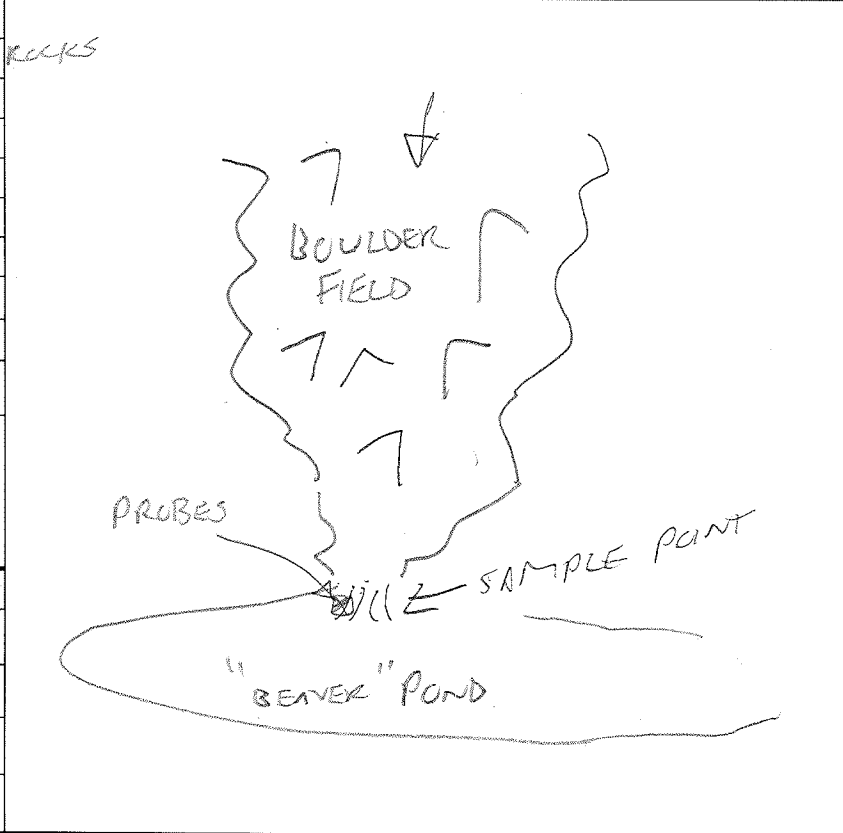
V. TURBID. 6 FILTERS USED

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	GWCC-1	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 17 2016
UTM Coordinates	Z17WE0513900 N 7148960	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GWR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~20°C PART CLOUD LIGHT WIND
Photos	Cam <u>GWR</u> Nos. <u>7098-7102</u>				
Sample Time (24h)	1330	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD
Sample Depth (m)	FROM VERTICAL FLOW FROM ROCKS
Temperature (°C)	7.7
pH (pH Units)	7.84
Cond. (µs/cm)	848
Specific Cond. (µs/cm)	1263
Redox (mV)	129.0
DO (mg/L)	7.93
DO (%)	66.8
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1239.</u>
Sample Time	(hh:mm) <u>1330.</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

Sample Site (Con't): GWCC-1
 Sample Date (Con't): AUG 17 2016
 Sample Time (Con't): 1330

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: FULL SET
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:						

General Notes: LOTS OF WATER GUSHING FROM THE ROCKS.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	GWCC-2	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 17 2016
UTM Coordinates	ZONE <u>0513906</u> N <u>7146971</u>	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>Grnd</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	219°C LIGHT WIND PART CLOUD
Photos	Cam <u>Grnd</u> Nos. <u>7095-7097</u>				
Sample Time (24h)	<u>1310</u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>				

Field Parameter Measurements (note units if different than those stated)		Site Sketch
Station Status	GOOD.	<p style="text-align: right;">Boulder Field.</p> <p style="text-align: right;">SAMPLE POINT</p> <p style="text-align: right;">METER PROBES.</p>
Sample Depth (m)	COLLECTED DIRECTLY FROM VERTICAL FLOWING WATER	
Temperature (°C)	6.7	
pH (pH Units)	8.24	
Cond. (µs/cm)	1215	
Specific Cond. (µs/cm)	1866	
Redox (mV)	105.5	
DO (mg/L)	7.81	
DO (%)	64.3	
Turbidity (NTU)		
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR. ODOUR FROM AREA, NOT THE WATER. SLIGHT FRESH ODOUR.	
Field Measurements Log		
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Time Logged on YSI	(hh:mm) <u>1320</u>	
Sample Time	(hh:mm) <u>1310.</u>	
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>	

Sample Site (Con't): GWCC-2

Sample Date (Con't): AUG 17 2016

Sample Time (Con't): 1310

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>		Date/Time: <u>FULL SET</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>		
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>		
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>		
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>		
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>		
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>		
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>		
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	↓	↓
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	6	↓
Total:					10	

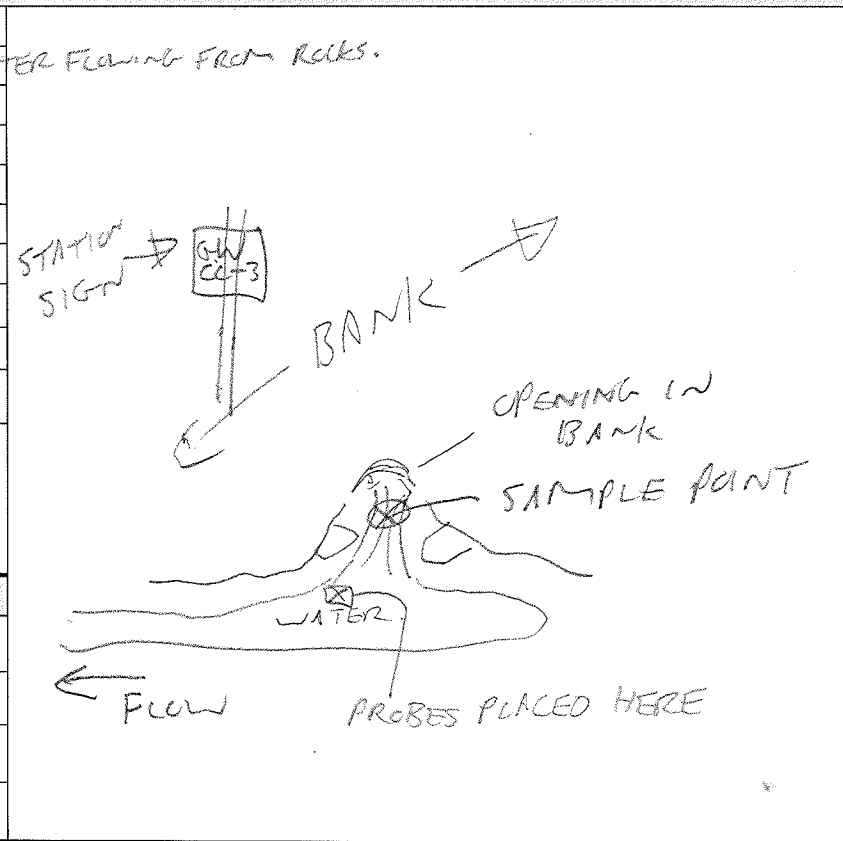
General Notes: ORP TOOK > 10 MIN TO STABILIZE

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	GW CC-3	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 17 2016
UTM Coordinates	Z 714 E 0513884 N 7147038	Client:	Yukon Government (AAM)	Samplers:	GR + MB
Waypoint	GPS <u>GMR</u> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~19°C PART. CLOUDY WIND
Photos	Cam <u>GMR</u> Nos. 7090-7094				
Sample Time (24h)	1250	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD.
Sample Depth (m)	BOTTLES FILLED DIRECTLY FROM WATER FLOWING FROM ROCKS.
Temperature (°C)	7.2
pH (pH Units)	7.76
Cond. (µs/cm)	1047
Specific Cond. (µs/cm)	1591
Redox (mV)	155.8 162.9
DO (mg/L)	5.43
DO (%)	45.2
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1259
Sample Time	(hh:mm) 1250
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): GLWCC-3

Sample Date (Con't): AUG 17 2016

Sample Time (Con't): 1250

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	-Date/Time: FULL SET
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	↓

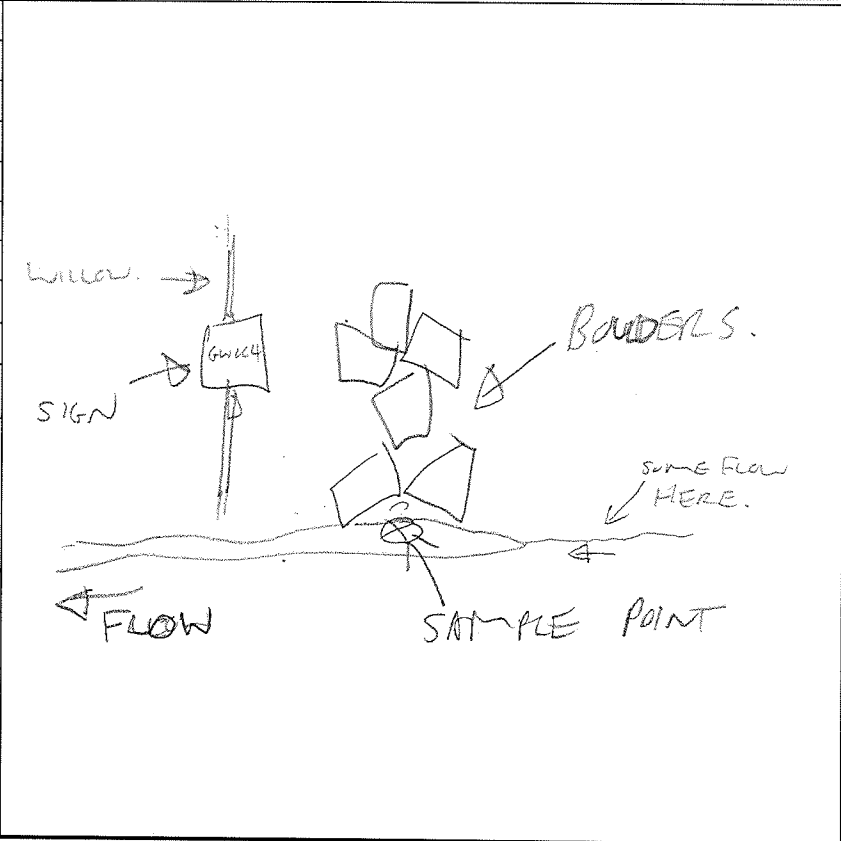
General Notes:
 CRP > 10 mins to STABILIZE

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	GWCC-4	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 17 2016
UTM Coordinates	ZONE E 0513876 N 7147063	Client:	Yukon Government (AAM)	Samplers:	GRZ + NB
Waypoint	GPS <u>GRZ</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 19°C NO RAIN PART CLOUDY
Photos	Cam <u>GRZ</u> Nos. <u>7085-7089</u>				
Sample Time (24h)	<u>1225</u>				
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD.
Sample Depth (m)	0.02
Temperature (°C)	8.1
pH (pH Units)	7.49 7.74
Cond. (µs/cm)	872
Specific Cond. (µs/cm)	1287
Redox (mV)	177.5
DO (mg/L)	4.77
DO (%)	40.6
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR.



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1242</u>
Sample Time	(hh:mm) <u>1225</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

Sample Site (Con't): GWCC-4

Sample Date (Con't): AUG 17 2016

Sample Time (Con't): 1225

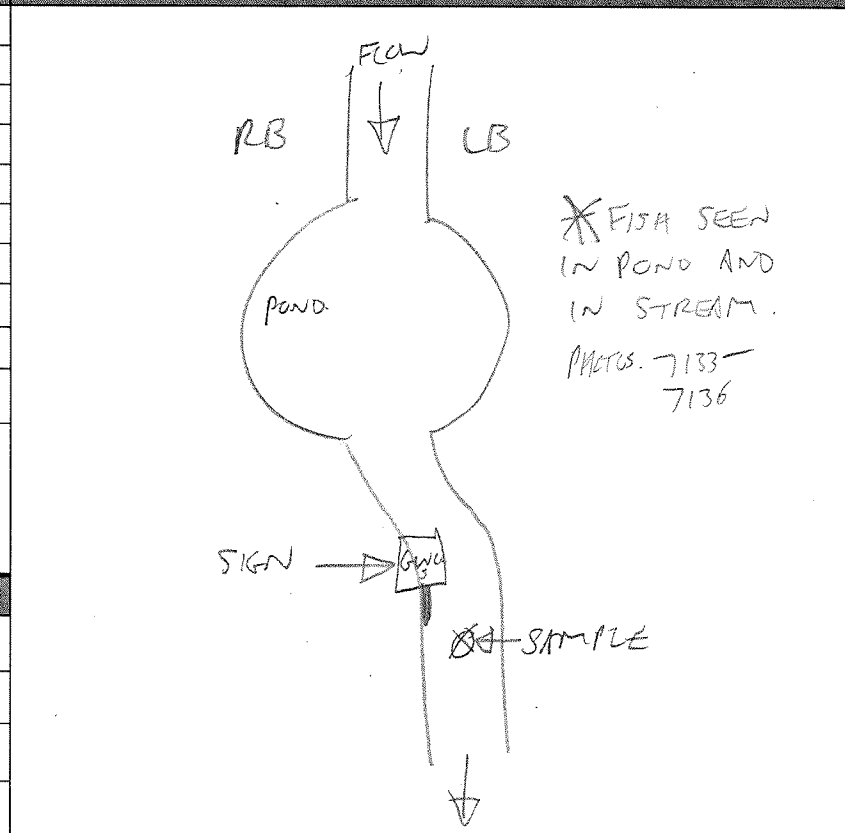
Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>FULL SET.</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

General Notes:

CRP Take A LONG TIME TO STABILIZE > 10 MINS.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	GWCC-5	Project Number:	16-240.3 Clinton Creek Water Program	Date:	AUG 18 2016
UTM Coordinates	Z07W E 0513984 N 7147128	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GMR</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~20°C PART CLOUD. Ø WIND
Photos	Cam <u>GMR</u> Nos. <u>7137-7141</u>				
Sample Time (24h)	1650	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				
Field Parameter Measurements (note units if different than those stated)			Site Sketch		
Station Status	GOOD				
Sample Depth (m)	0.05 (SHALLOW WATER)				
Temperature (°C)	9.3				
pH (pH Units)	7.64				
Cond. (µs/cm)	703				
Specific Cond. (µs/cm)	1004				
Redox (mV)	1540				
DO (mg/L)	6.63				
DO (%)	58				
Turbidity (NTU)	—				
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR				
Field Measurements Log					
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Time Logged on YSI	(hh:mm) 16:57 16-57				
Sample Time	(hh:mm) 1650				
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____				



FLOW ↓

RB LB

POND

SIGN → GWCC-5

Ø SAMPLE

↓

* FISH SEEN
IN POND AND
IN STREAM.
PHOTOS: 7133-
7136

Sample Site (Con't): GWCC-5
 Sample Date (Con't): AUG 18 2016
 Sample Time (Con't): 1650

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)	
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 20 2016 1410</u>	
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 18 2016</u>	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1		
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input checked="" type="checkbox"/>	1		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1		↓
Total:					9+1		

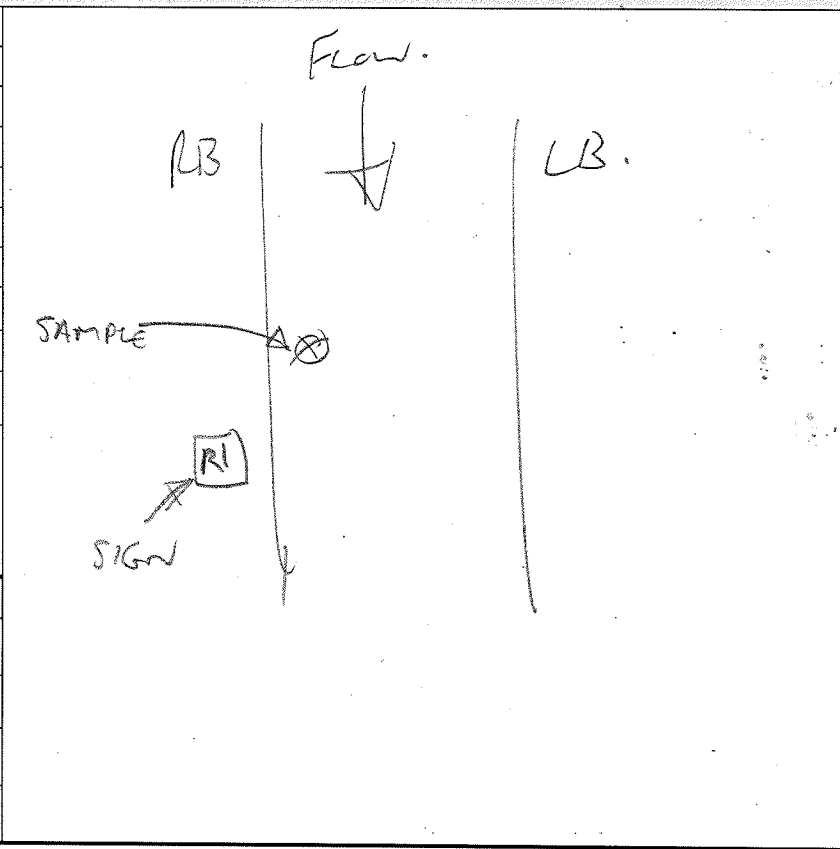
General Notes: 1 FILTER USED

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R1	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 19 2016
UTM Coordinates	ZONE <u>0510604</u> N <u>7147490</u>	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GMR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~16°C HIGH CLOUD BLUSTERY
Photos	Cam <u>GMR</u> Nos. <u>7161-7184</u>				
Sample Time (24h)	<u>1450</u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD BUT TURBID.
Sample Depth (m)	0.1
Temperature (°C)	6.8
pH (pH Units)	8.12
Cond. (µs/cm)	351.9
Specific Cond. (µs/cm)	539.5
Redox (mV)	67.5
DO (mg/L)	11.44
DO (%)	93.9
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID. (BROWN)



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1500</u>
Sample Time	(hh:mm) <u>1450</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit <input type="checkbox"/> Other <u> </u>

Sample Site (Con't): R1

Sample Date (Con't): AUG 19 2016

Sample Time (Con't): 1450

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 19 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input checked="" type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					11	

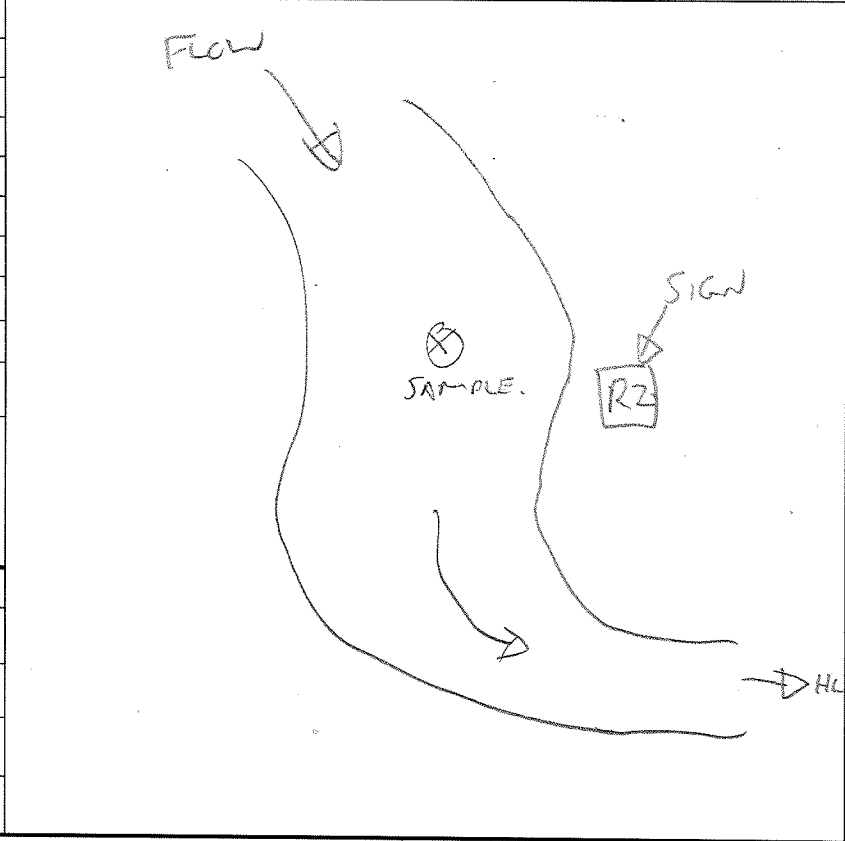
General Notes: WATER LEVEL A LITTLE LOWER THAN JULY EVENT.
TURBID... 6 FILTERS USED.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R2	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 19 2016
UTM Coordinates	Z74 E0512026 N 7148062	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GR</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 17°C OVERCAST. NO WIND.
Photos	Cam <u>GR</u> Nos. 7168 - 7171				
Sample Time (24h)	1635	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD
Sample Depth (m)	0.1
Temperature (°C)	6.9
pH (pH Units)	8.93
Cond. (µs/cm)	260.5
Specific Cond. (µs/cm)	398.5
Redox (mV)	132.9
DO (mg/L)	11.62
DO (%)	95.6
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	BRACKISH



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1641
Sample Time	(hh:mm) 1635
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): R2

Sample Date (Con't): AUG 19 2016

Sample Time (Con't): 13 1635

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 19 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and Cr(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and Cr(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

General Notes:

BRACKISH . 3 FILTERS

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R3	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 16 2016
UTM Coordinates	Z 074 E 0913948 N 7148677	Client:	Yukon Government (AAM)	Samplers:	GR + NIS
Waypoint	GPS Coord Name /	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~15°C cloud BLUE SKIES wind = ∅
Photos	Cam Coord Nos. 7049 - 7052				
Sample Time (24h)	1410.	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD BUT V. TURBID.
Sample Depth (m)	0.1
Temperature (°C)	5.0
pH (pH Units)	9.78 11.67
Cond. (µs/cm)	265.9 264
Specific Cond. (µs/cm)	427.0 425.7
Redox (mV)	-93.
DO (mg/L)	12.38
DO (%)	97.1
Turbidity (NTU)	/
Appearance & Odour (Clear, Silty, HC odours, etc.)	V. TURBID. NO ODOUR

YSI reading took a while to stabilize.

FLOW ↓

SIGN → [R3]

(X) SAMPLE LOCATION.

↓

Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 14-17
Sample Time	(hh:mm) 14-10
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): R3

Sample Date (Con't): AUG 16 2016

Sample Time (Con't): 14:10

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: FULL SAMPLE INC. ASBESTOS
125 ml (plastic)	Total Metals	-	<input type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input type="checkbox"/> Field Filtered	<input type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input type="checkbox"/> Field Filtered	<input type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input type="checkbox"/> Field Filtered	<input type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input type="checkbox"/> Field Filtered	<input type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input checked="" type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					11	

General Notes:

V. TURBID.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R4	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 18 2016
UTM Coordinates	Z ^{zone} E 0515885 N 7145332	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GR</u> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 19°C SUNNY
Photos	Cam <u>GR</u> Nos. 7119-7121				
Sample Time (24h)	1355	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				
Field Parameter Measurements (note units if different than those stated)			Site Sketch		
Station Status	GOOD BUT TURBID.				
Sample Depth (m)	0.1				
Temperature (°C)	4.4				
pH (pH Units)	8.16				
Cond. (µs/cm)	231.3				
Specific Cond. (µs/cm)	381.0				
Redox (mV)	142.9				
DO (mg/L)	12.76				
DO (%)	98.6				
Turbidity (NTU)	—				
Appearance & Odour (Clear, Silty, HC odours, etc.)	LIGHT BROWN TURBID.				
Field Measurements Log					
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Time Logged on YSI	(hh:mm) 1402				
Sample Time	(hh:mm) 1355				
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____				

Sample Site (Con't): R4
 Sample Date (Con't): AUG 18 2016
 Sample Time (Con't): 1355

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: AUG 20 2016 1430 *
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	AUG 18 2016
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and Cr(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and Cr(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					9+1	

General Notes:

TURBID. 12 FILTERS USED.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R6 *	Project Number:	16-240.4 Clinton Creek Water Program	Date:	Nov 18 2016
UTM Coordinates	ZONE <u>OS18826</u> N <u>7141391</u>	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 17°C PART CLOUDY NO WIND
Photos	Cam <u>GR</u> Nos. <u>7144 - 7146</u>				
Sample Time (24h)	<u>1810</u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>				

Field Parameter Measurements (note units if different than those stated)

Station Status	Good
Sample Depth (m)	0.1
Temperature (°C)	9.9
pH (pH Units)	7.78
Cond. (µs/cm)	116.0
Specific Cond. (µs/cm)	163.0
Redox (mV)	142.8-
DO (mg/L)	10.94
DO (%)	96.4
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID. (Brown)

Site Sketch

* SAMPLE COLLECTED FROM CC TOWN SITE DUE TO HIGH WATER. THE NORMAL R6 LOCATION WAS NOT EASILY ACCESSIBLE. SAME LOCATION AS JULY EVENT

The sketch shows a rectangular area labeled 'BUILDINGS' with an arrow pointing to it. A dashed line labeled 'TRAIL' leads from the buildings to a circled 'X' on a riverbank. The river is labeled '40 MILE RIVER' with an arrow indicating 'FLOW'. The circled 'X' is labeled 'SAMPLE LOCATION'.

Field Measurements Log

YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1821</u>
Sample Time	(hh:mm) <u>1810</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

Sample Site (Con't): R6

Sample Date (Con't): AUG 18 2016

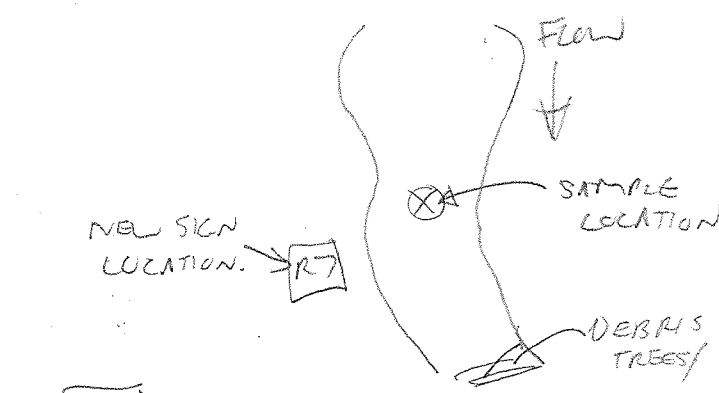
Sample Time (Con't): 1810

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: AUG 26 2016 ✓
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	AUG 18 2016
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	↓
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	↓
Total:					9+1	

01505 ✓

General Notes:
TURBID. (BROWN). SEE OVER FOR SAMPLE LOCATION.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	0513003 R7	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 27 2016
UTM Coordinates	ZONE E 0513003 N 1145649	Client:	Yukon Government (AAM)	Samplers:	GR + NB.
Waypoint	GPS <u>GR</u> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~14°c MISTY
Photos	Cam <u>GR</u> Nos. 7072-7083				
Sample Time (24h)	0940.	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				
Field Parameter Measurements (note units if different than those stated)			Site Sketch		
Station Status	OK *	<p>THREE BEAVERS SEEN SWIMMING IN POND ON ARRIVAL. ES > 10 WILCK USING MINERAL LICK (PECKING). CAMERA PRESENT (NOT CHECKED)</p>  <p style="text-align: center;">* [R7] SIGN MOVED UPSTREAM TO SAME LOCATION AS JULY SAMPLING EVENT. LOTS OF BEAVER ACTIVITY.</p> <p>3 FILTERS USED.</p>			
Sample Depth (m)	0.05				
Temperature (°C)	3.1				
pH (pH Units)	8.07				
Cond. (µs/cm)	126.8				
Specific Cond. (µs/cm)	217.7				
Redox (mV)	28.8				
DO (mg/L)	12.60				
DO (%)	94.0				
Turbidity (NTU)	—				
Appearance & Odour (Clear, Silty, HC odours, etc.)	TURBID.				
Field Measurements Log					
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Time Logged on YSI	(hh:mm) 10-01				
Sample Time	(hh:mm) 09-40.				
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____				

Sample Site (Con't): 0940 R7

Sample Date (Con't): AUG 17 2016

Sample Time (Con't): 0940

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>FULL SET NO ASBESTOS</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	↓
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	↓
Total:					10	

General Notes:

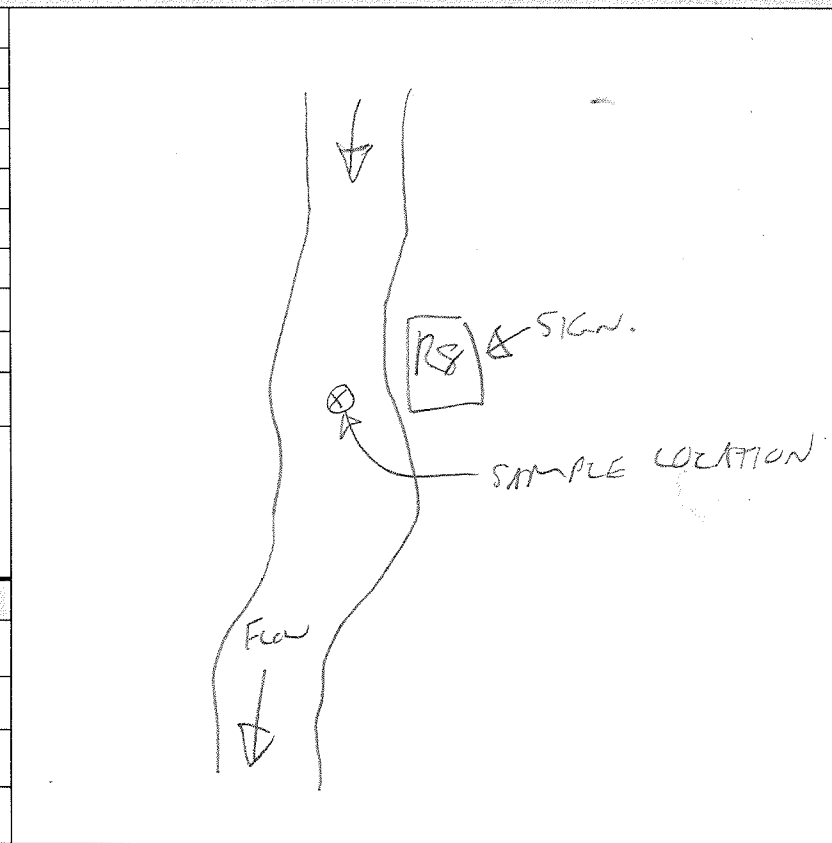
NA TURBID. R7 SIGN MOVED UPSTREAM. ~ 40M.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R8	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 19 2016
UTM Coordinates	Z 17 W E 0511894 N 7147906	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GMR</u> Name <u>✓</u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	OVERCAST. ~ 17°C SOME BLUE SKY
Photos	Cam <u>GMR</u> Nos. 7172-7176				
Sample Time (24h)	1745	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD
Sample Depth (m)	0.05 (SHALLOW WATER)
Temperature (°C)	6.2
pH (pH Units)	7.90
Cond. (µs/cm)	151.8
Specific Cond. (µs/cm)	237.2
Redox (mV)	134.9
DO (mg/L)	11.86
DO (%)	95.8
Turbidity (NTU)	✓
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) 1747
Sample Time	(hh:mm) 1745
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): R8
 Sample Date (Con't): AUG 19 2016
 Sample Time (Con't): 1745

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 19 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

General Notes:
CLEAR WATER

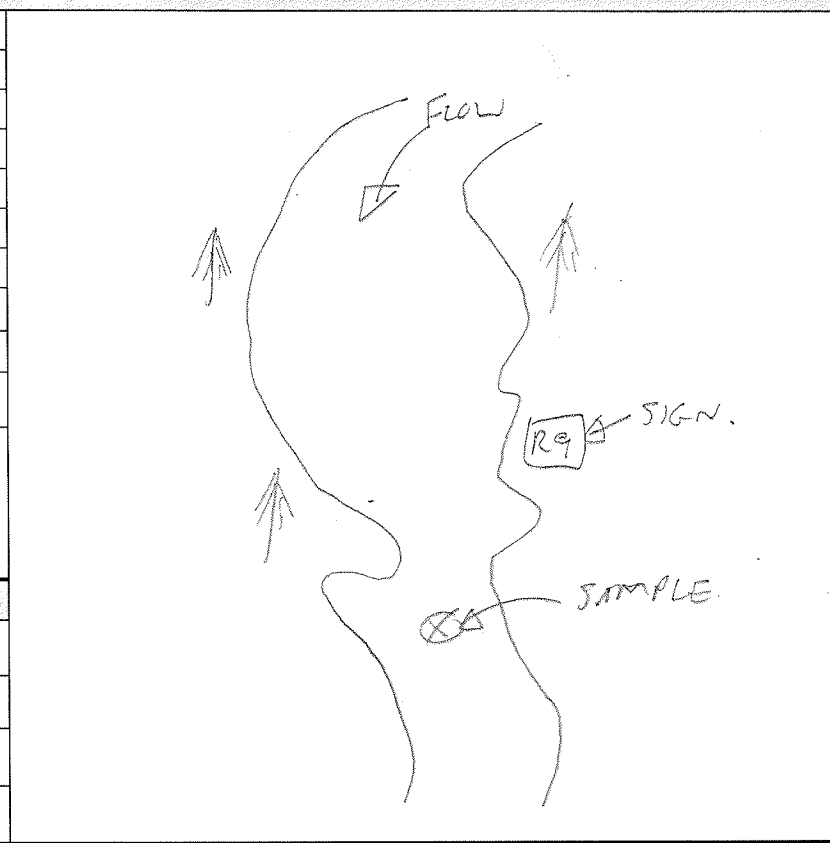
SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R9	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 20 2016
UTM Coordinates	Z <u>2014</u> E <u>0512344</u> N <u>1146751</u>	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GMR</u> Name _____	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ DR OVERCAST SPOTS OF RAIN NO WIND. ~ 10°C
Photos	Cam <u>GMR</u> Nos. <u>7177-7181</u>				
Sample Time (24h)	<u>0850</u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name _____				

Field Parameter Measurements (note units if different than those stated)

Station Status	GOOD.
Sample Depth (m)	0.05 SHALLOW WATER
Temperature (°C)	3.5
pH (pH Units)	7.90
Cond. (µs/cm)	279.5
Specific Cond. (µs/cm)	474.0
Redox (mV)	22.4
DO (mg/L)	12.61
DO (%)	95.2
Turbidity (NTU)	/
Appearance & Odour (Clear, Silty, HC odours, etc.)	SLIGHTLY TURBID.

Site Sketch



Field Measurements Log

YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>0848</u>
Sample Time	(hh:mm) <u>0850</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other _____

Sample Site (Con't): 129
 Sample Date (Con't): AUG 20 2016
 Sample Time (Con't): 0850

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 20 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	↓
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>		
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

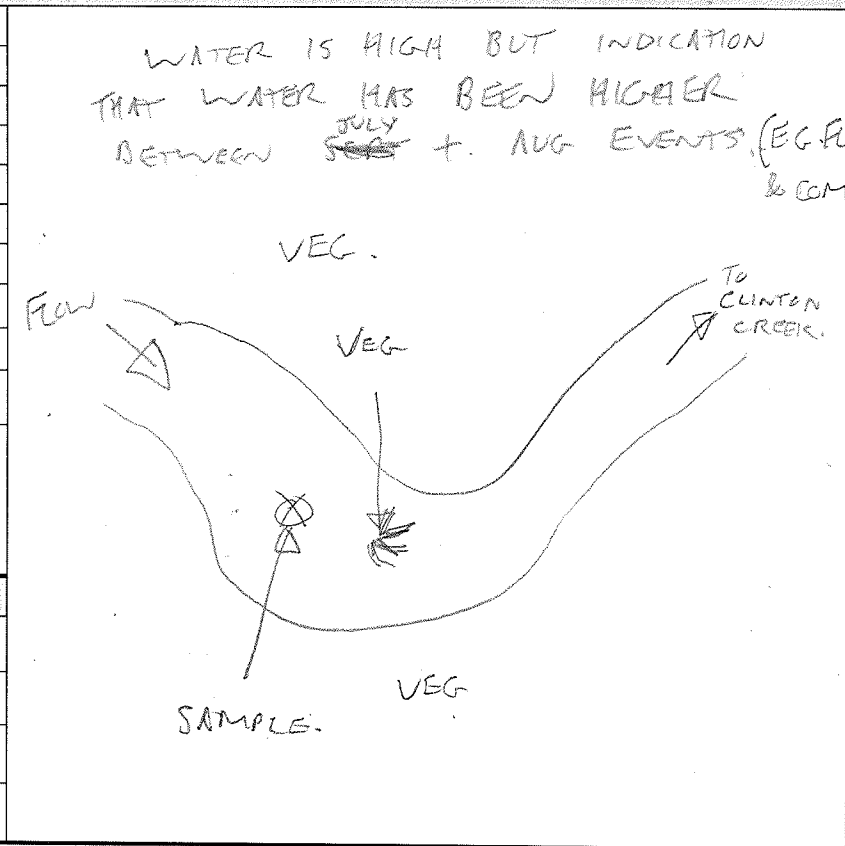
General Notes:

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	R11	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 16 2014
UTM Coordinates	Z17W E 0514176 N 7147827	Client:	Yukon Government (AAM)	Samplers:	GR + NB
Waypoint	GPS <u>GMR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~12°C. OVERCAST SOME BLUE SKY.
Photos	Cam <u>GMR</u> Nos. <u>7046-7048</u>				
Sample Time (24h)	1230	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>				

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD BUT TURBID
Sample Depth (m)	0.1
Temperature (°C)	2.9
pH (pH Units)	10.46
Cond. (µs/cm)	170.9
Specific Cond. (µs/cm)	295.5
Redox (mV)	-52.0
DO (mg/L)	13.24
DO (%)	98.1
Turbidity (NTU)	—
Appearance & Odour (Clear, Silty, HC odours, etc.)	V. TURBID. NO ODOUR.



Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1236</u>
Sample Time	(hh:mm) <u>1230</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

Sample Site (Con't): R11
 Sample Date (Con't): AUG 16 2018
 Sample Time (Con't): 1230

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: Full SET. NO ASBESTOS
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium – Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium – Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil		<input type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

General Notes:
 WATER V. TURBID.

SURFACE WATER SAMPLE COLLECTION SHEET

Sample Site:	SL	Project Number:	16-240.4 Clinton Creek Water Program	Date:	AUG 20 2016
UTM Coordinates	ZONE <u>E0513827</u> N <u>7146709</u>	Client:	Yukon Government (AAM)	Samplers:	GR4 NB3
Waypoint	GPS <u>GMR</u> Name <u> </u>	Project Name:	Clinton Creek Surface Water Monitoring Program	Weather/Temp:	~ 13°C OVERCAST Ø WIND
Photos	Cam <u>GMR</u> Nos. <u>7206 - 7214</u>				
Sample Time (24h)	<u>1305</u>				
Field Blank Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>	Duplicate Collected:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Name <u> </u>		

Field Parameter Measurements (note units if different than those stated)	Site Sketch
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Station Status	GOOD. A LOT OF WATER.
Sample Depth (m)	0.1
Temperature (°C)	8.2
pH (pH Units)	8.28
Cond. (µs/cm)	777
Specific Cond. (µs/cm)	1143
Redox (mV)	134.1
DO (mg/L)	11.0
DO (%)	93.6
Turbidity (NTU)	
Appearance & Odour (Clear, Silty, HC odours, etc.)	CLEAR.

VERY HIGH WATER. TOP OF STAFF GAUGE COVERED BY ~ 20cm WATER. BENCHMARKS ALSO UNDER WATER (~10cm)

Field Measurements Log	
YSI Logged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Time Logged on YSI	(hh:mm) <u>1311</u>
Sample Time	(hh:mm) <u>1305</u>
Unit Used	<input checked="" type="checkbox"/> Pro Plus <input type="checkbox"/> Pen Unit Other <u> </u>

THERE WAS WATER FLOWING UNDER THE ACCESS TRAIL ENROUTE TO SL. SEE PHOTOS 7215 - 7220. WPT OF TRAIL !!

Sample Site (Con't): SL

Sample Date (Con't): AUG 20 2016

Sample Time (Con't): 1305

Bottle Type	Parameters Analyzed	Sample Treatment <input checked="" type="checkbox"/>	Preservative Added <input checked="" type="checkbox"/>	Collected <input checked="" type="checkbox"/>	No. Bottles	Comments (note number of bottles in duplicate)
500 ml (plastic)	General Chemistry	-	-	<input checked="" type="checkbox"/>	1	Date/Time: <u>AUG 20 2016</u>
125 ml (plastic)	Total Metals	-	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Metals	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Nitric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Total Mercury		<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
40 ml (glass)	Dissolved Mercury	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Hydrochloric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Ammonia (NH3)		<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (amber)	Dissolved Organic Carbon (DOC)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> Sulfuric Acid	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Total Speciated Chromium - Cr(VI) and CR(III)	-	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
125 ml (plastic)	Dissolved Speciated Chromium - Cr(VI) and CR(III)	<input checked="" type="checkbox"/> Field Filtered	<input checked="" type="checkbox"/> NaOH	<input checked="" type="checkbox"/>	1	
1 L (plastic)	Asbestos	Wrapped tightly in foil	-	<input type="checkbox"/>	1	
500 ml (plastic)	TSS	-	-	<input checked="" type="checkbox"/>	1	
Total:					10	

General Notes: HIGH WATER. SEE OVER.