WCVI STREAM INSPECTION LOG

REF NO.

PAGE 1 OF 12

STREAM NAME: _Renfrew Creek_

OBSERVERS(S): _RAJ, JJ, MBJ, AJ_

DATE (YYYY/MM/DD): _2023/11/8_

SEGMENTS / AREA SURVEYED:

DISTANCE SURVEYED: _9000_ (m)

START TIME: _9:15_   END TIME: _10:47_

METHOD

- ☑ Bank Walk
- ☑ Stream Walk
- ☑ Snorkel
- ☐ Deadpitch
- ☐ Boat
- ☐ Other: _____

WATER CONDITION

- ☑ Clear
- ☐ Tea
- ☑ Glacial Silt
- ☐ Muddy
- ☐ Slightly Turbid
- ☐ Iced

WATER LEVEL

- ☐ Extremely Low
- ☑ Below Norm
- ☑ Normal
- ☐ Above Norm
- ☐ Flood

CLOUD COVER

- ☐ Clear (0%)
- ☐ Scattered (25%)
- ☐ Partly cloudy (50%)
- ☐ Cloudy (75%)
- ☑ Overcast (100%)

LIGHT LEVEL

- ☐ Full
- ☐ Bright
- ☑ Medium
- ☐ Dark

PRECIPITATION

- ☑ None
- ☐ Rain
- ☐ Snow
- ☐ Light
- ☐ Med.
- ☐ Heavy

WATER TEMPERATURE (°C)

FISH VISIBILITY

- ☐ Low
- ☑ Med.
- ☐ High

TARGET SPECIES

- ☑ Sockeye
- ☐ Pink
- ☑ Coho
- ☐ Chum
- ☑ Chinook
- ☐ Other: _____

SPAWN TIMING

Species	Run No.	Pre	St	Pk	End
CN	1 ②				
CO	1 ②				

Species	Run No.	Pre	St	Pk	End
CM	1 ②				
	1 2				

WCVI STREAM INSPECTION LOG

REF NO. _____

PAGE 2 OF 12

SECCHI:

Vertical Visibility: 6 (m) Seg: 1

Horizontal Visibility (1): 13 (m) Seg: 1

Horizontal Visibility (2): 13 (m) Seg: 2

GAUGE HEIGHT

1.46 (m)

Time 10:15

Seals active in area? ☐ Yes ☑ No

Number of seals: _____

Upstream extent of seals: _____

Discharge Transect Data

	Distance (m)	Depth (m)	Velocity (m/s)	Notes
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

TRANSECT LOCATION: _____

Station: 08HA069

Q = 0.953 m³/s

C.1 (ver.2014Jun)

WCVI SIL

Stream: Refiner Creek   Date: Nov 8   REF NO.   PAGE 3 OF 12

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	OT	No Fish
		Po (Rf)		Live											
		Ru Mu	100	Dead											
				% Sp											
	Above Bridge 1-Haft	(Po) Rf		Live	1		1								X
		Ru Mu	100	Dead	0		0								
				% Sp											
		Po (Rf)		Live			140								X
		Ru Mu	100	Dead			0								
				% Sp											
		Po Rf		Live			33								X
		Ru Mu	100	Dead			1								X
				% Sp											
		(Po) Rf	100	Live											X
		Ru Mu		Dead			0								X
				% Sp											
		Po (Rf)	100	Live											X
		Ru Mu		Dead											X
				% Sp											X

Species abbreviations: RT - rainbow trout, CT - cutthroat trout, BR-bear, ST - Steelhead, OT - other

Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

ROW REF.	SEGMENT	HAB. CODE Po	Rf	Ru	Mu	% HAB SEEN	LIVE/DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	OT	No Fish
		Po	(Rf)	(Ru)	Mu	100	Live			9								
							% Sp			0								
							Dead			1								
		Po	(Rf)	Ru	Mu	100	Live			3	0							X
							% Sp			0	1							
							Dead			(								
		Po	Rf	(Ru)	Mu	100	Live			16	0							X
							% Sp			0	1							
							Dead			1								
		Po	(Rf)	Ru	Mu	100	Live			3								X
							% Sp			0								
							Dead			1								
		(Po)	Rf	Ru	Mu	100	Live			30								X
							% Sp			0								
							Dead			—								

Species abbreviations: Rt - rainbow trout, Ct - cutthroat trout, BR-bear, St - Steelhead, Ot - other

Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

WCVI SIL

Stream: Renfrew Creek   Date: Nov 8/23   REF NO. ___   PAGE 5 OF 12

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	No Fish
		Po (Rf)		Live			9							
				Dead			0							—
		Ru Mu		% Sp										—
		Po Rf	100	Live			1							X
				Dead			0							
		Ru Mu	100	% Sp										
		Po (Rf)		Live			3	1						X
				Dead			1							
		Ru Mu	100	% Sp										
		(Ru) (Mu)	100	Live			1						1	X
				Dead			0	0					0	
		Po Rf		% Sp									3	X
		Po Rf		Live			1	1					3	—
				Dead			6							—
		Po Rf		% Sp										X

Species abbreviations: Rt - rainbow trout, Ct - cutthroat trout, BR - bear, St - Steelhead, Ot - other

Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

WCVI STREAM INSPECTION LOG

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	CT/ST	No Fish
		Po / Rf		Live			3			1					
		(Ru) Mu		% Sp			0		0	0					X
				Dead			X			X					
		Po (Rf)		Live			3			2				3	
		Ru Mu		% Sp			0			0				0	
				Dead			X			X				X	X
		(Po) Rf		Live											
		Ru Mu		% Sp											
				Dead											
		(Po Rf)		Live			6							1	
		Ru Mu		% Sp			0	0		X				0	
				Dead			X	X						X	X
		Po Rf		Live			23							4	
		(Ru Mu)		% Sp										0	
				Dead			X							X	X

Species abbreviations: Rf - rainbow trout, Cf - cutthroat trout, BR-bear, St - Steelhead, Ot - other
Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

C.2 (ver.2014Jun)

WCVI SIL

Stream: _Renfrew Creek_   Date: _Nov 8/23_   REF NO. _____   PAGE _7_ OF _12_

ROW REF.	SEGMENT	HAB. CODE	% HAB. SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	No Fish
		Po (Rf)	100	Live										X
		Ru Mu		Dead										X
				% Sp										X
		Po Rf	160	Live			23							X
		(Ru) Mu		Dead			00							X
				% Sp										X
		Po (Rf)	100	Live										X
		Ru Mu		Dead										X
				% Sp										X
		Po Rf	100	Live			15							X
		(Ru) Mu		Dead			00							X
				% Sp										X
		Po (Rf)	160	Live									2	X
		Ru Mu		Dead									0	X
				% Sp										X

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

Species abbreviations: Rt - rainbow trout, CT - cutthroat trout, BR - bear, ST - Steelhead, OT - other

Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

WCVI SIL

Stream: _____ Date: Nov. ? REF NO. _____ PAGE 8 OF 12

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	OT	No Fish
	Mid Rettine	Po Rf	100	Live			3								
		Ru Mu		Dead											
				% Sp											X
		Po Rf	100	Live			4			6					
		Ru Mu		Dead											
				% Sp											X
		Po Rf	100	Live			6			2	100				
		Ru Mu		Dead			2								
				% Sp											X
		Po Rf	100	Live			0								
		Ru Mu		Dead											
				% Sp											X
		Po Rf	100	Live			0								
		Ru Mu		Dead											
				% Sp											X

Species abbreviations: Rt - rainbow trout, Ct - cutthroat trout, BR-bear, St - Steelhead, OT - other

Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs, efficiency, tags, behaviour (use row ref):

WCVI STREAM INSPECTION LOG

REF NO. _____

ROW REF.	SEGMENT	HAB. CODE	% HAB. SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	No Fish
		Po Rf	100	Live			34			6				CT
		Ru Mu		% Sp			0			0				OT
		Po Rf	100	Dead			27							X
		Ru Mu		Live			0			3				
				% Sp						0			4	
		Po Rf	100	Dead										X
		Ru Mu		Live										X
		Po Rf	100	% Sp			6							X
		Ru Mu		Dead										X
		Po Rf	100	Live										
		Ru Mu		% Sp										0
				Dead										X

Species abbreviations: Rt - rainbow trout, Ct - cutthroat trout, BR-bear, St - Steelhead, OT - other
Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):
25 feet Vis

WCVI SIL

Stream: _____ Date: _____ REF NO. _____ PAGE 10 OF 12

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye Adult	Sockeye Jack	Coho Adult	Coho Jack	Pink Adult	Chum Adult	Chinook Adult	Chinook Jack	ST	OT	No Fish
		Po Rf	100	Live			24			100					
				Dead			0			26					X
				% Sp											
		Ru Mu	100	Live			4								
				Dead			0								X
				% Sp											
		Po Rf	100	Live			98			0					
				Dead											X
				% Sp											
		Ru Mu	100	Live											
				Dead											X
				% Sp											X
		Po Rf	100	Live											
				Dead											X
				% Sp											X
		Ru Mu	100	Live											
				Dead											X
				% Sp											

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

Species abbreviations: RT - rainbow trout, CT - cutthroat trout, BR-bear, ST - Steelhead, OT - other
Hab. Code, Po - pool, Rf - riffle, Ru - run, Mu - multiple

WCVI SIL
POST-SURVEY NOTES

Stream: ___ Date: Nov 12/23 REF NO. ___ PAGE 11 OF 12

CHECKLIST
- [x] SURVEY END TIME RECORDED
- [x] SPAWN TIMINGS RECORDED
- [x] SURVEY REF. NO. ADDED TO ALL SUPPORTING PAGES
- [x] PAGE NO. AND TOTAL PAGE NO. ADDED TO ALL PAGES

- [x] TWO HORIZONTAL VIS. RECORDED
- [x] VERTICAL VIS. RECORDED
- [x] GAUGE HEIGHT RECORDED
- [ ] DISCHARGE TRANSECT COMPLETED

(Y) N   If no, why not: ___

BEHAVIOUR NOTES:

	SK	CO		PK	CM	CN	ST	
% MORTS THAT ARE PRE-SPAWN	0 %	0 %	%	Less than %	0 %	0 %	CT	
% OF FISH THAT APPEAR NEW	0 %	0 %	%	%	0 %	0 %	%	
% OF FISH PAIRED / SPAWNING	0 %	0 %	%	28 %	0 %	— %	%	
OVERALL RELIABILITY [L / M / H]	H	H		H	H	H	H	

SURVEY TOTALS:

	Sockeye		Coho		Pink		Chum	Chinook			
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Adult	Jack	ST	
TOTAL LIVE	/	/	520	7	/	/	93	1	/	/	16
TOTAL DEAD	/	/	/	/	/	/	/	/	/	/	/

WCVI STREAM INSPECTION LOG

Describe any difficulties in recording the data: _N/A_

Were all of the standard survey sections surveyed? ☑ Yes ☐ No   If no, why not? _____

Were all expected species observed? ☑ Yes ☐ No

Give details, and any anomalies in abundance or appearance: _N/A_ _____

_____

Briefly describe the water conditions in the context of recent rain or drought: _Norma_ _____

_____

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	SD	☐	☐	☐	☑
Crew	SRAS MO	☑	☐	☐	☐
Crew	AS	☑	☐	☐	☐

C.4 (ver.2014Jun)