

WCVI STREAM INSPECTION LOG

C.1 (ver.2014Jun)

REF NO.

PAGE 1 OF 16

STREAM NAME: Renfrew Creek

DATE (YYYY/MM/DD): 2023-10-16

OBSERVER(S): J.J. M.D.J. A.J.

SEGMENTS / AREA SURVEYED: Above Bridge to downstream

DISTANCE SURVEYED: 9000 (m)

START TIME: 9:00 am

END TIME: 11:00 am

METHOD <input type="checkbox"/> Bank Walk <input checked="" type="checkbox"/> Stream Walk <input checked="" type="checkbox"/> Snorkel <input type="checkbox"/> Deadpitch <input type="checkbox"/> Boat Other: _____		WATER CONDITION <input type="checkbox"/> Clear <input type="checkbox"/> Tea <input type="checkbox"/> Glacial Silt <input type="checkbox"/> Muddy <input checked="" type="checkbox"/> Slightly Turbid <input type="checkbox"/> Iced		WATER LEVEL <input type="checkbox"/> Extremely Low <input checked="" type="checkbox"/> Below Norm <input type="checkbox"/> Normal <input type="checkbox"/> Above Norm <input type="checkbox"/> Flood		CLOUD COVER <input type="checkbox"/> Clear (0%) <input type="checkbox"/> Scattered (25%) <input type="checkbox"/> Partly cloudy (50%) <input type="checkbox"/> Cloudy (75%) <input checked="" type="checkbox"/> Overcast (100%)		LIGHT LEVEL <input type="checkbox"/> Full <input checked="" type="checkbox"/> Bright <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dark	
TARGET SPECIES <input type="checkbox"/> Sockeye <input type="checkbox"/> Pink <input type="checkbox"/> Chinook <input type="checkbox"/> Coho <input checked="" type="checkbox"/> Chum Other: _____				PRECIPITATION <input type="checkbox"/> None <input type="checkbox"/> Light <input checked="" type="checkbox"/> Rain <input checked="" type="checkbox"/> Med. <input type="checkbox"/> Snow <input type="checkbox"/> Heavy		WATER TEMPERATURE <u>10</u> (°C)			
				FISH VISIBILITY <input type="checkbox"/> Low <input checked="" type="checkbox"/> Med. <input type="checkbox"/> High					

SPAWN TIMING

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

Species	Run No.	Pre	St	Pk	End
CM	1 (2)			X	
Species	Run No.	Pre	St	Pk	End
	1 2				

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SECCHI:

Vertical Visibility: 3 (m) Seg: 1

Horizontal Visibility (1): 3 (m) Seg: 1

Horizontal Visibility (2): 6.5 (m) Seg: 2

GAUGE HEIGHT

1.550 (m)

Time 9:15

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:

Stn # 06 HAD 69 New River Creek
1.67 m³/sec.

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WCVI SIL		Stream: <i>Renfrew</i>		Date: <i>Oct 16/23</i>		REF NO.		PAGE <i>3</i> OF <i>16</i>									
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										Fish NO	
						Sockeye		Coho		Pink	Chum	Chinook		ST	OT		
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack				
<i>1</i>		<i>Po</i>	<i>Rf</i>	<i>100</i>	Live												<i>X</i>
					% Sp											<i>X</i>	
		<i>Ru</i>	<i>Mu</i>		Dead											<i>X</i>	
<i>2</i>		<i>Po</i>	<i>Rf</i>	<i>100</i>	Live												<i>X</i>
					% Sp											<i>X</i>	
		<i>Ru</i>	<i>Mu</i>		Dead											<i>X</i>	
<i>3</i>		<i>Po</i>	<i>Rf</i>	<i>100</i>	Live												<i>X</i>
					% Sp											<i>X</i>	
		<i>Ru</i>	<i>Mu</i>		Dead											<i>X</i>	
<i>4</i>		<i>Po</i>	<i>Rf</i>	<i>100</i>	Live												<i>X</i>
					% Sp											<i>X</i>	
		<i>Ru</i>	<i>Mu</i>		Dead											<i>X</i>	
<i>5</i>		<i>Po</i>	<i>Rf</i>	<i>100</i>	Live							<i>1</i>					<i>X</i>
					% Sp											<i>X</i>	
		<i>Ru</i>	<i>Mu</i>		Dead											<i>X</i>	

Species abbreviations: R1 - rainbow trout, C1 - cutthroat trout, BR - bear, S1 - Steelhead, O1 - 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.		PAGE 4 OF 16					
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish	
		Po	Rf			Sockeye		Coho		Pink	Chum	Chinook		ST	OT		
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack				
6		Po	Rf	100	Live												X
					% Sp												X
		Ru	Mu		Dead												
7		Po	Rf	100	Live												X
					% Sp												X
		Ru	Mu		Dead												
8		Po	Rf	100	Live												X
					% Sp												X
		Ru	Mu		Dead												
9		Po	Rf	100	Live												X
					% Sp												X
		Ru	Mu		Dead												X
10		Po	Rf	100	Live												X
					% Sp												X
		Ru	Mu		Dead												X

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 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: Rentfrew Date: Oct 16/23 REF NO. PAGE 5 OF 16

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
					Sockeye		Coho		Pink	Chum	Chinook		ST	OT	
					Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
11		Po	Rf	100	Live										1
		Ru	Mu		% Sp										
					Dead										
12		Po	Rf	100	Live										1
		Ru	Mu		% Sp										
					Dead										
13	2	Po	Rf	100	Live										1
		Ru	Mu		% Sp										
					Dead										
14		Po	Rf	100	Live										1
		Ru	Mu		% Sp										
					Dead										
15		Po	Rf	100	Live										1
		Ru	Mu		% Sp										
					Dead										

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

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

20ft

WCVI STREAM INSPECTION LOG										REF NO.		PAGE 5 OF 16				
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
		Po	Rf			Sockeye		Coho		Pink	Chum	Chinook		ST	OT	
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
16	1	Po	Rf	100	Live											X
		Ru	Mu		% Sp										X	
					Dead										X	
17		Po	Rf	100	Live											X
		Ru	Mu		% Sp										X	
					Dead										X	
18		Po	Rf	100	Live											X
		Ru	Mu		% Sp										X	
					Dead										X	
19		Po	Rf	100	Live											X
		Ru	Mu		% Sp										X	
					Dead										X	
21		Po	Rf	100	Live											X
		Ru	Mu		% Sp										X	
					Dead										X	

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

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ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	OT	
22		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
		Po	Rf	100	Live			2	1							
		Ru	Mu		% Sp			100	100							
					Dead			-	-							
		Po	Rf	100	Live											0
		Ru	Mu		% Sp											X
					Dead											X
26		Po	Rf	100	Live			1				6				
		Ru	Mu		% Sp			0				0				
					Dead			-				-				

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

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

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REF NO.

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ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook		ST	OT	
27	100	Po	Rf	100	Live			1								
		Ru	Mu		% Sp			100								
					Dead			-								
	100	Po	Rf	100	Live							1				
		Ru	Mu		% Sp							0				
					Dead							-				
	100	Po	Rf	100	Live											x
		Ru	Mu		% Sp											x
					Dead											x
	100	Po	Rf	100	Live							20				
		Ru	Mu		% Sp							0				
					Dead							-				
31	100	Po	Rf	100	Live											x
		Ru	Mu		% Sp											x
					Dead											x

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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: RentfrewDate: Oct 16/23 REF NO.PAGE 9 OF 16

ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook		ST	OT	
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
32		Po	Rf	100	Live											0
		Ru	Mu		% Sp											X
					Dead											X
		Po	Rf	100	Live							1				
		Ru	Mu		% Sp							100				
					Dead											
		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
36		Po	Rf	100	Live							1	1			
		Ru	Mu		% Sp							0	5			
					Dead											

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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.	PAGE 10 OF 16
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook		ST	OT	
		Po	Rf			Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
37		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											
41		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											

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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)

B

WCVI SIL Stream: Renfrew Date: Oct 16/23 REF NO. C.2 (ver.2014Jun) PAGE 11 OF 16

ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
		Po	Rf			Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	CT OT	
	Mid Point	Po	Rf	100	Live			1	2		1				1	
		Ru	Mu		% Sp			0			0				0	
					Dead											
	Hit/Run	Po	Rf	100	Live			1								
		Ru	Mu		% Sp			0								
					Dead											
	3	Po	Rf	100	Live						1	3			1	
		Ru	Mu		% Sp						0	100			0	
					Dead											
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											

Species abbreviations: Rf - 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):

3 = 10ft Vis

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ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
		Po	Rf			Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	CT OT	
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
		Po	Rf	100	Live										2	
		Ru	Mu		% Sp											
					Dead											
	Log Jam	Po	Rf	100	Live							1				
		Ru	Mu		% Sp							2				
					Dead											
(Po	Rf	100	Live			4								
		Ru	Mu		% Sp			0				100				
					Dead											
)		Po	Rf	100	Live	1						1				
		Ru	Mu		% Sp	0						3				
					Dead							100				

Species abbreviations: R1 - 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):

C.2 (ver.2014Jun)

WCVI SIL Stream: Date: Oct. 16 REF NO. PAGE 13 OF 16

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish	
					Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	CT OT		
					Adult	Jack	Adult	Jack			Adult	Jack				
		Po Rf	100	Live			2				12					
		Ru Mu		% Sp			0				100					
				Dead												
		Po Rf	100	Live						1		1				
		Ru Mu		% Sp						0		0				
				Dead												
		Po Rf	100	Live						1					4	
		Ru Mu		% Sp						0					0	
				Dead												
		Po Rf	100	Live							10				2	
		Ru Mu		% Sp							100					
				Dead												
		Po Rf	100	Live												
		Ru Mu		% Sp												
				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 STREAM INSPECTION LOG

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ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook		ST	CT OT	
		Po	Rf		Live	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
1		Ru	Mu	100	% Sp							3			1	
					Dead							00				
1		Ru	Mu	100	Live											
					% Sp											
					Dead											
		Ru	Mu	100	Live											
					% Sp											
					Dead											
		Ru	Mu	100	Live											
					% Sp											
					Dead											
		Ru	Mu	100	Live											
					% Sp											
					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):

End

C.2 (ver.2014Jun)

WCVI SIL Stream: Rentfrew Creek Date: 2023/16/23 REF NO.PAGE 15 OF 16

POST-SURVEY NOTES

CHECKLIST

- ☒ SURVEY END TIME RECORDED
☒ SPAWN TIMINGS RECORDED
☒ SURVEY REF. NO. ADDED TO ALL SUPPORTING PAGES
☒ PAGE NO. AND TOTAL PAGE NO. ADDED TO ALL PAGES

☒ TWO HORIZONTAL VIS. RECORDED☒ VERTICAL VIS. RECORDED☐ GAUGE HEIGHT RECORDED

Y/N DISCHARGE TRANSECT COMPLETED

If no, why not: NOhydrometric station

BEHAVIOUR NOTES:

	SK	CO	PK	CM	CN	ST	CT	
% MORTS THAT ARE PRE-SPAWN	0 %	0 %	0 %	0 %	0 %	0 %	0 %	%
% OF FISH THAT APPEAR NEW	0 %	0 %	0 %	0 %	0 %	0 %	0 %	%
% OF FISH PAIRED / SPAWNING	0 %	27 %	0 %	0 %	100 %	— %	0 %	%
OVERALL RELIABILITY [L / M / H]	H	H	—	H	H	—	H	

SURVEY TOTALS:

	Sockeye		Coho		Pink	Chum	Chinook		ST	C.T. OT
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
TOTAL LIVE	1	0	12	3	—	4	67	2	—	15
TOTAL DEAD	—	—	—	—	—	—	2	—	—	—

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Were all of the standard survey sections surveyed?

☒ Yes☐ No

If no, why not?

Were all expected species observed?

☒ Yes☐ NoGive details, and any anomalies in abundance or appearance: Low abundancesBriefly describe the water conditions in the context of recent rain or drought: Water levels below normal

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	JJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crew	JJ/RT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crew	MOJ/AT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.4 (ver.2014Jun)