

WCVI STREAM INSPECTION LOG

C.1 (ver.2014Jun)

STREAM NAME: Len's Creek

REF NO.

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OBSERVER(S): JJ, JJ, MDJ

DATE (YYYY/MM/DD): 2023/10/13

SEGMENTS / AREA SURVEYED: from canyon to confluence of San Juan

DISTANCE SURVEYED: 6000 (m)

START TIME: 9:00 AM

END TIME: 11:45

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 checked="" type="checkbox"/> Clear <input type="checkbox"/> Tea <input type="checkbox"/> Glacial Silt <input type="checkbox"/> Muddy <input type="checkbox"/> Slightly Turbid <input type="checkbox"/> Iced		WATER LEVEL <input type="checkbox"/> Extremely Low <input type="checkbox"/> Below Norm <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Above Norm <input type="checkbox"/> Flood		CLOUD COVER <input checked="" type="checkbox"/> Clear (0%) <input checked="" type="checkbox"/> Scattered (25%) <input type="checkbox"/> Partly cloudy (50%) <input type="checkbox"/> Cloudy (75%) <input type="checkbox"/> Overcast (100%)		LIGHT LEVEL <input type="checkbox"/> Full <input type="checkbox"/> Bright <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dark	
TARGET SPECIES <input checked="" type="checkbox"/> Sockeye <input type="checkbox"/> Pink <input type="checkbox"/> Chinook <input checked="" type="checkbox"/> Coho <input checked="" type="checkbox"/> Chum Other: _____				PRECIPITATION <input checked="" type="checkbox"/> None <input type="checkbox"/> Light <input type="checkbox"/> Rain <input type="checkbox"/> Med. <input type="checkbox"/> Snow <input type="checkbox"/> Heavy		WATER TEMPERATURE <u>9.5</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			
	1	2			

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

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SECCHI:

Vertical Visibility: 6.5 (m) Seg: 1

Horizontal Visibility (1): 15 (m) Seg: 1

Horizontal Visibility (2): 15 (m) Seg: 2

GAUGE HEIGHT

2.140 (m)

Time 11:15

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 #08HA010

4.75 M3/S

C.1 (ver.2014Jun)

WCVI SIL Stream: Leys Creek Date: Oct 13/23 REF NO.

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			
1	LC entry	Po	100	Live											X
		Rf		% Sp											X
		Ru		Dead											X
2		Po	100	Live											X
		Rf		% Sp											X
		Ru		Dead											X
3		Po	100	Live											X
		Rf		% Sp											X
		Ru		Dead											X
4	1	Po	100	Live											X
		Rf		% Sp											X
		Ru		Dead											X
5		Po	100	Live											X
		Rf		% Sp											X
		Ru		Dead											X

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):

15m Vis

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

Species abbreviations: R1 - rainbow trout, C1 - cutthroat trout, BR - bear, S1 - steelhead, OT - other
Hab. Code: Po - pool, Rt - riffle, Ru - run, Mu - multiple

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/DEAD	Adult	Sockeye	Coho	Pink	Chum	Adult	Jack	Chinook	ST	OT	No Fish
7		Po		100											X
		Ru													X
		Mu													X
		Rt													X
8		Po		100											X
		Ru													X
		Mu													X
		Rt													X
9		Po		100											X
		Ru													X
		Mu													X
		Rt													X
10		Po		100											X
		Ru													X
		Mu													X
		Rt													X
11		Po		100											X
		Ru													X
		Mu													X
		Rt													X

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WCVI SIL		Stream:		Date: <u>Oct 13/23</u>		REF NO.		PAGE <u>5</u> OF <u>12</u>									
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				
12		Po	Rf	100	Live												X
		Ru	Mu		% Sp												X
					Dead												
13	1	Po	Rf	100	Live												X
		Ru	Mu		% Sp												X
					Dead												
14		Po	Rf	100	Live												X
		Ru	Mu		% Sp												X
					Dead												
15		Po	Rf	100	Live												X
		Ru	Mu		% Sp												X
					Dead												
16		Po	Rf	100	Live												X
		Ru	Mu		% Sp												X
					Dead												

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):
1 Vis - 45ft

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SPECIES																
ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/ DEAD	Sockeye		Coho		Pink	Chum	Chinook		ST	OT	No Fish	
					Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack				
17		Po Rf	100	Live											X	
		Ru Mu		% Sp												X
				Dead												X
18	UNI	Po Rf	100	Live										2		
		Ru Mu		% Sp											1	
				Dead												
19		Po Rf	100	Live											X	
		Ru Mu		% Sp												X
				Dead												X
20		Po Rf	100	Live							1					
		Ru Mu		% Sp								100				
				Dead												
21		Po Rf		Live							2					
		Ru Mu		% Sp								100				
				Dead												

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 13/23		REF NO.		PAGE 7 OF 12										
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
		Po	Rf			Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	OT	
						Adult	Jack	Adult	Jack			Adult	Jack			
22	LC bridge	Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
23		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
24		Po	Rf	100	Live							6	1			
		Ru	Mu		% Sp						100	100				
					Dead											
25		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
26		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											

Species abbreviations: R1 - rainbow trout, C1 - cutthroat trout, BR - bear, ST - Steelhead, OT - other
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Comments on unit description, obs. efficiency, tags, behaviour (use row ref):
 LC bridge - cleared intake grid

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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	
27		Po	100	Live											X
		Ru		% Sp											X
		Mu		Dead											X
28		Po	100	Live											X
		Ru		% Sp											X
		Mu		Dead											X
29		Po	100	Live											X
		Ru		% Sp											X
		Mu		Dead											X
30		Po	100	Live											X
		Ru		% Sp											X
		Mu		Dead											X
31		Po	100	Live											X
		Ru		% Sp											X
		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:

Date: Oct 13/23 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	
		Po	Rf			Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
32		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
33		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
34		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
35		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
36	2	Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):
15m VisSpecies abbreviations: RT - rainbow trout, CT - cutthroat trout, BR - bear, ST - Steelhead, OT - other
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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				
37		Po Rf	100	Live												
		Ru Mu		% Sp												
				Dead												
38		Po Rf	100	Live												
		Ru Mu		% Sp												
				Dead												
39		Po Rf	100	Live												
		Ru Mu		% Sp							2					
				Dead							160					
40		Po Rf	100	Live												
		Ru Mu		% Sp							5					
				Dead							100					
41		Po Rf		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):

WCVI SIL Stream:

Date: Oct 13/22 REF NO.

C.2 (ver.2014Jun)

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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	
42		Po	Rf		Live							1				
		Ru	Mu		% Sp							0				
					Dead							1				
43	LOG JAM	Po	Rf		Live											X
		Ru	Mu		% Sp											X
					Dead											X
44		Po	Rf		Live							1				
		Ru	Mu		% Sp							0				
					Dead							1				
45		Po	Rf		Live											X
		Ru	Mu		% Sp											X
					Dead											X
		Po	Rf		Live											X
		Ru	Mu		% Sp											X
					Dead											X

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):

WCVI SIL Stream: ~~WCVI~~ Date: ~~002~~ 13/23 REF NO.

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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: ~~No, station~~

084A010

BEHAVIOUR NOTES:

	SK	CO	PK	CM	CN	ST		
% MORTS THAT ARE PRE-SPAWN	1	1	1	1	9	1		
% OF FISH THAT APPEAR NEW	1	1	1	1	8	1		
% OF FISH PAIRED / SPAWNING	1	1	1	1	100	1		
OVERALL RELIABILITY [L / M / H]	1	1	1	1	4	1		

SURVEY TOTALS:

	Sockeye		Coho		Pink	Chum	Chinook		ST	OT
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
TOTAL LIVE	1	1	1	1	1	1	19	1	1	1
TOTAL DEAD	1	1	1	1	1	1	0	0	1	1

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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: water levels
very few fish, low

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

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	<u>WJ</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crew	<u>WJ</u> <u>JRA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crew	<u>MDJ</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.4 (ver.2014Jun)