

## WCVI STREAM INSPECTION LOG

REF NO.

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STREAM NAME: 17 ST

DATE (YYYY/MM/DD): 2023/10/11

OBSERVER(S): Tony J / Jacob / mdy / JJ

SEGMENTS / AREA SURVEYED: 1R-11 pool to fence

DISTANCE SURVEYED: 6000 (m)

START TIME: 9:00

END TIME: 12:00

<b>METHOD</b> <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: _____		<b>WATER CONDITION</b> <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		<b>WATER LEVEL</b> <input type="checkbox"/> Extremely Low <input type="checkbox"/> Below Norm <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Above Norm <input type="checkbox"/> Flood		<b>CLOUD COVER</b> <input 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%)		<b>LIGHT LEVEL</b> <input type="checkbox"/> Full <input checked="" type="checkbox"/> Bright <input type="checkbox"/> Medium <input type="checkbox"/> Dark			
<b>TARGET SPECIES</b> <input type="checkbox"/> Sockeye <input type="checkbox"/> Pink <input checked="" type="checkbox"/> Chinook <input checked="" type="checkbox"/> Coho <input checked="" type="checkbox"/> Chum Other: _____				<b>PRECIPITATION</b> <input type="checkbox"/> None <input checked="" type="checkbox"/> Light <input checked="" type="checkbox"/> Rain <input type="checkbox"/> Med. <input type="checkbox"/> Snow <input type="checkbox"/> Heavy		<b>WATER TEMPERATURE</b> 14 (°C)					
						<b>FISH VISIBILITY</b> <input checked="" type="checkbox"/> Low <input type="checkbox"/> Med. <input type="checkbox"/> High					
<b>SPAWN TIMING</b>											
Species	Run No.	Pre	St	Pk	End	Species	Run No.	Pre	St	Pk	End
CW	1	2				SO	1	2			
CO	1	2					1	2			

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SECCHI:

Vertical Visibility: 6.5 (m) Seg: 1

Horizontal Visibility (1): 5 (m) Seg: 1

Horizontal Visibility (2): 5 (m) Seg: 2

GAUGE HEIGHT

2.378 (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: 08/10/10

Station number

11:10 pm  $mq = 20.2 m^3/s$

WCVI SIL		Stream: <u>LSJ</u>		Date: <u>Oct 11/23</u>		REF NO.		PAGE <u>3</u> OF <u>8</u>								
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook		ST	<u>Ch</u> <u>ST</u>	
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack			
1	1	Po	Rf	100	Live		1	3				3				
		Ru	Mu		% Sp		0	0				0				
					Dead		—	—				3				
2		Po	Rf	100	Live							287				
		Ru	Mu		% Sp							100				
					Dead							—			X	
3		Po	Rf	100	Live	7		153				75				
		Ru	Mu		% Sp	0		0				40				
					Dead	—		—				16				
4		Po	Rf	100	Live							15				
		Ru	Mu		% Sp							107				
					Dead							—			X	
5		Po	Rf	100	Live	1		43				34		4		
		Ru	Mu		% Sp	0		0				0				
					Dead	—		—				7				

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):  
Ref. 1 Vis. 15 ft

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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				
6	2	Po Rf	100	Live	3		69									
		Ru Mu		% Sp	0		0									
				Dead	-		-									
7		Po Rf	100	Live				15				7				X
		Ru Mu		% Sp				0				2	1			
				Dead				-				100	0		0	
8		Po Rf	100	Live			64									
		Ru Mu		% Sp			0					23				
				Dead								0				
9		Po Rf	100	Live			164									X
		Ru Mu		% Sp			0					0				
				Dead			-					9				
10		Po Rf	100	Live			11									
		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):  
 Ref # 2 Vis-10 Juniper Finners

C.2 (ver.2014Jun)

WCVI SIL		Stream: <u>LSJ</u>		Date: <u>Oct 11/23</u>		REF NO.		PAGE <u>5</u> OF <u>8</u>								
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			56								
		<u>Ru</u>	Mu		% Sp			0				0				
					Dead			0				7				
12		Po	Rf	100	Live	1		24								
		<u>Ru</u>	Mu		% Sp	0		0				28				
					Dead	0						100				
13		Po	Rf	90	Live			17	1							
		<u>Ru</u>	Mu		% Sp			0				0				
					Dead			1				16				
14		Po	Rf	100	Live			62								
		<u>Ru</u>	Mu		% Sp			0				65				
					Dead			1				100				
15		Po	Rf	100	Live			13								
		<u>Ru</u>	Mu		% Sp			0				0				
					Dead			1				21	2			

Species abbreviations: R1 - rainbow trout, C1 - 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):  
1-Bear

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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			
16		Po	Rf	100	Live							14				
		Ru	Mu		% Sp							0				
					Dead							4				
17		Po	Rf		Live											
		Ru	Mu		% Sp											
					Dead											
18		Po	Rf		Live											
		Ru	Mu		% Sp											
					Dead											
19		Po	Rf		Live											
		Ru	Mu		% Sp											
					Dead											
20		Po	Rf		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):

1 bear

C.2 (ver.2014Jun)

WCVI SIL Stream: LSJDate: Oct 11/23 REF NO.PAGE 7 OF 8**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 RECORDEDY/☒ DISCHARGE TRANSECT COMPLETEDIf no, why not: S# 084A010BEHAVIOUR NOTES:

	SK	CO	PK	CM	CN	ST	CT	
% MORTS THAT ARE PRE-SPAWN	0 %	0 %	%	%	0 %	%	0 %	%
% OF FISH THAT APPEAR NEW	0 %	0 %	%	%	0 %	%	0 %	%
% OF FISH PAIRED / SPAWNING	0 %	0 %	%	%	59 %	%	0 %	%
OVERALL RELIABILITY [L / M / H]	H	H			H		H	

SURVEY TOTALS:

	Sockeye		Coho		Pink	Chum	Chinook		ST	CT
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		OT
TOTAL LIVE	12	1	676	16			554	1	X	5
TOTAL DEAD	—	—	—	—			99	—		—

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Describe any difficulties in recording the data: Visibility low

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: NoBriefly describe the water conditions in the context of recent rain or drought: Water was flowing & all riffles were connected

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	JD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crew	JRAD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crew	MDJ	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.4 (ver.2014Jun)