

WCVI STREAM INSPECTION LOG				REF NO.	PAGE 1 OF 9												
STREAM NAME: <u>San Juan</u>			DATE (YYYY/MM/DD): <u>2023 10 28</u>														
OBSERVER(S): <u>HJ/TJ</u>																	
SEGMENTS / AREA SURVEYED: <u>Bar 9 → 1R4</u>																	
DISTANCE SURVEYED: _____ (m)		START TIME: <u>8:16</u>		END TIME: <u>9:45</u>													
METHOD <input type="checkbox"/> Bank Walk <input 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 checked="" type="checkbox"/> Normal <input type="checkbox"/> Above Norm <input type="checkbox"/> Flood	CLOUD COVER <input checked="" type="checkbox"/> Clear (0%) <input 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 checked="" type="checkbox"/> Bright <input type="checkbox"/> Medium <input type="checkbox"/> Dark													
TARGET SPECIES <input type="checkbox"/> Sockeye <input type="checkbox"/> Pink <input type="checkbox"/> Chinook <input checked="" type="checkbox"/> Coho <input 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>55C</u> (°C)													
FISH VISIBILITY <input type="checkbox"/> Low <input type="checkbox"/> Med. <input checked="" type="checkbox"/> High																	
SPAWN TIMING																	
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SECCI:

Vertical Visibility: 2 (m) Seg: 1
Horizontal Visibility (1): 15 (m) Seg: 1
Horizontal Visibility (2): 13 (m) Seg: 2

GAUGE HEIGHT

2.454 (m)

Seals active in area? ☐ Yes ☒ No

Number of seals: _____

Time 09:15

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 HAGIO

16.6 m³/sec at 10:20

WCVI SIL Stream: MSJ Date: 23/10/28 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				
		Po Rf	100	Live												X
		Ru Mu		% Sp												X
		Po Rf	100	Dead												X
		Po Rf	100	Live												X
		Ru Mu		% Sp												X
		Po Rf	100	Dead												X
1		Po Rf	100	Live												X
		Ru Mu		% Sp												X
		Po Rf	100	Dead												X
2	1	Po Rf	100	Live												X
		Ru Mu		% Sp												X
		Po Rf	100	Dead												X
		Po Rf	100	Live												X
		Ru Mu		% Sp												X
		Po Rf	100	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): 2 - Used to be multiple - dead straight flow
1 - Secondary pool - filled in with fines - By pool come

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ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink Adult	Chum Adult	Chinook		ST	CT OT	
3	Bar	Po	Rf	100	Live	4					96				1	
		Ru	Mu		% Sp	0					100				-	
					Dead	-					-					X
4		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
4		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
4		Po	Rf	100	Live											X
		Ru	Mu		% Sp											X
					Dead											X
2		Po	Rf	100	Live			182	3		7					
		Ru	Mu		% Sp			0	0		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):

3 - Black Bear left bank
4 - section of river Aed - major fine deposit - 2022-2023
3 - Main channel diverted to left bank away from
Lons confluence - Fine substrate

C.2 (ver.2014Jun)

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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	100	Live			24	9		37					
		Ru	Mu		% Sp			100	100		100					
					Dead											X
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
		Po	Rf	100	Live											
		Ru	Mu		% Sp											
					Dead											
6		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):

Island on left bank completed eroded - LWD etc /
at top end

C.2 (ver.2014Jun)

WCVI SIL		Stream: MSJ		Date: 2023 10 28		REF NO.		PAGE 7 OF 9							
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			
7		Po Rf	100	Live											1
		Ru Mu		% Sp											
				Dead											
7		Po Rf	100	Live					1	2		3			X
		Ru Mu		% Sp					0	100		0			
				Dead											
8		Po Rf	90	Live										f	
		Ru Mu		% Sp											
				Dead											
		Po Rf		Live											
		Ru Mu		% Sp											
				Dead											
		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

8 - pool greatly infilled with fines

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

7 - channel flowing on left + right banks - old chum spawning rocks flowing = upstream Harris catherine

WCVI SIL Stream: MSJ Date: 2023/10/18 REF NO.

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: hydro meter stuck

BEHAVIOUR NOTES:

	SK	CO	PK	CM	CN	ST	CT	
% MORTS THAT ARE PRE-SPAWN	0 %	0 %	%	0 %	0 %	0 %	0 %	%
% OF FISH THAT APPEAR NEW	0 %	0 %	%	0 %	0 %	100 %	0 %	%
% OF FISH PAIRED / SPAWNING	0 %	17 %	%	96 %	100 %	0 %	0 %	%
OVERALL RELIABILITY [L / M / H]	H	H		H	H	H	H	

SURVEY TOTALS:

	Sockeye		Coho		Pink	Chum	Chinook		ST	OT
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
TOTAL LIVE	4	—	470	46		180	2	—	8	1
TOTAL DEAD	—	—	—	—		—	8	—	—	—

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Describe any difficulties in recording the data: noneWere 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: no juveniles observed -Briefly describe the water conditions in the context of recent rain or drought: Optimal flow + excellent visibility

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	HJ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crew	JS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crew		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.4 (ver.2014Jun)