WCVI STREAM INSPECTION LOG

REF NO.

DATE (YYYY/MM/DD): 2023/10/12

STREAM NAME: Upper San Juan

OBSERVER(S): JJ, JAG, MBJ

SEGMENTS / AREA SURVEYED: Upper San Juan bridge to bar 9

START TIME: 9:00 AM   END TIME: 12:15

DISTANCE SURVEYED: 6000 (m)

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

7.5 (°C)

FISH VISIBILITY

- ☐ Low
- ☐ Med.
- ☒ High

TARGET SPECIES

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

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
SC	①	2					X	

WCVI STREAM INSPECTION LOG

SECCHI:

Vertical Visibility: 6.5 (m) Seg: 1

Horizontal Visibility (1): 12 (m) Seg: 1

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

GAUGE HEIGHT 2.226 (m)

Time 11:15pm

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:

Sation # 08HA010

13.0 m³/s 11:15pm

C.1 (ver.2014Jun)

WCVI SIL

Stream: **Date:** Oct 12/23   **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	CT OT	No Fish
1	SJREC Bridge	Po (Rf) / Ru Mu	100	Live							⌐				
				% Sp							⌐				
				Dead							1				
2		Po Rf / (Ru) Mu	100	Live							⌐				
				% Sp							⌐				
				Dead							1				
3		Po (Rf) / Ru Mu	100	Live											X
				% Sp											
				Dead											
4		(Po) Rf / Ru Mu	100	Live			49								
				% Sp			⌐								
				Dead			⌐								
5		Po (Rf) / Ru Mu	100	Live									1	1	
				% 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   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	CT/OT	No Fish
6	1	(Po) Rf / Ru Mu	100	Live			32	2		2	3			3	
				% Sp			0	0		6	0			0	
				Dead			1	~		7	1				0
7		Po (Rf) / Ru Mu		Live											
				% Sp											
				Dead											
8		(Po) Rf / Ru Mu		Live			24	3							
				% Sp			0	0							
				Dead			~								
9		Po (Rf) / Ru Mu		Live							10 / 100				
				% Sp							1				
				Dead							~				
10		(Po) Rf / Ru Mu		Live			21				0				
				% Sp			0				3				
				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):
35ft w.

C.2 (ver.2014Jun)

WCVI SIL Stream: Upper San Juan   Date: Oct 12/23   REF NO.   PAGE 5 OF 10

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
11	1	Po (Rf) / Ru Mu	100	Live											0
				% Sp											
				Dead											
12		Po Rf / (Ru) Mu	100	Live							1	1			
				% Sp							100	100			
				Dead							X	X			
13		Po (Rf) / Ru Mu	100	Live							3				
				% Sp							100				
				Dead							X				
14		Po Rf / (Ru) Mu	100	Live											
				% Sp											
				Dead											
15		Po (Rf) / Ru Mu	100	Live							3				
				% Sp							100				
				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

REF NO. _____

ROW REF.	SEGMENT	HAB. CODE	% HAB SEEN	LIVE/DEAD	Sockeye Adult	Jack	Coho Adult	Jack	Pink Adult	Chum Adult	Chinook Adult	Jack	ST	OT	No Fish
16		Po Rf / (Ru) Mu	100	Live			2								
				% Sp			0								
				Dead			1								X
17		Po (Rf) / Ru Mu	90	Live											
				% Sp											
				Dead							3				
18		Po Rf / (Ru) Mu	100	Live			+3 / 13				0				
				% Sp	0		0				7				
				Dead	X						10				
19		Po (Rf) / Ru Mu	100	Live							100				
				% Sp											
				Dead											
20		Po Rf / (Ru) Mu	100	Live	2		14					2			
				% Sp	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):

C.2 (ver.2014Jun)

WCVI SIL Stream: Upper S~~ Date: Oct 12/23 REF NO. PAGE 7 OF 10

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 OT	No Fish
21		(Po) Rf / Ru Mu	100	Live			70				69			1	
				% Sp			G				0			2	
				Dead	—						3			—	
22		Po (Rf) / Ru Mu	45	Live			64	8					1		0
				% Sp			0	0					0		
				Dead	—		—						—		
23		Po Rf / (Ru) Mu	60	Live							4				
				% Sp							0				
				Dead							2				
24		Po (Rf) / Ru Mu	100	Live							7				
				% Sp							100				
				Dead							0				
25	2	Po Rf / (Ru) Mu	100	Live	3		3				5				
				% Sp	100		0				0				
				Dead	—		—				2				

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):

39 ft vis.

ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES										No Fish
						Sockeye		Coho		Pink	Chum	Chinook				
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack	ST	OT	
21	Bar 9	Po	Rf	100	Live							7				
					% Sp							100				
		Ru	Mu		Dead											
		Po	Rf		Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf		Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf		Live											
					% Sp											
		Ru	Mu		Dead											
		Po	Rf		Live											
					% Sp											
		Ru	Mu		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):

C.2 (ver.2014Jun)

WCVI SIL Stream: upper San juan Date: Oct 12/23 REF NO. PAGE 9 OF 10

POST-SURVEY NOTES

<u>CHECKLIST</u>

- ☑ 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, used Station #08HA010

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 %	1 %	%	0 %	0 %	0 %	0 %	%
% OF FISH PAIRED / SPAWNING	66 %	0 %	%	100 %	33 %	0 %	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	Jack	ST	CT ~~OT~~
TOTAL LIVE	6		322	13		2	125	2	1	5
TOTAL DEAD	0		0	0		0	14	0	0	0

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: Clear but very low

Describe the experience level of each swimmer:

Swimmer	Initials	< 10 swims	10 - 50 swims	50 - 100 swims	> 100 swims
Crew leader	JJ	❑	❑	❑	☑
Crew	JJ	☑	❑	❑	❑
Crew	MDJ	☑	❑	❑	❑

C.4 (ver.2014Jun)