

WCVI STREAM INSPECTION LOG				REF NO.	PAGE (OF 8												
STREAM NAME: <u>Mud San Juan</u>			DATE (YYYY/MM/DD): <u>2023 10/10</u>														
OBSERVER(S): <u>MDJ / Jacob J / Tony J / Jun J</u>																	
SEGMENTS / AREA SURVEYED: <u>Bar 9- IR4</u>																	
DISTANCE SURVEYED: <u>400</u> (m)		START TIME: <u>10am</u>		END TIME: <u>1pm</u>													
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 type="checkbox"/> Bright <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Dark													
TARGET SPECIES <input type="checkbox"/> Sockeye <input type="checkbox"/> Pink <input checked="" type="checkbox"/> Chinook <input checked="" type="checkbox"/> Coho <input checked="" type="checkbox"/> Chum Other: _____		PRECIPITATION <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		WATER TEMPERATURE <u>9.5</u> (°C)													
		FISH VISIBILITY <input type="checkbox"/> Low <input checked="" type="checkbox"/> Med. <input type="checkbox"/> High															
SPAWN TIMING																	
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SECCHI:

Vertical Visibility: 6 (m) Seg: 1

Horizontal Visibility (1): 11 (m) Seg: 1

Horizontal Visibility (2): 20 (m) Seg: 2

GAUGE HEIGHT

2.091 (m)

Time 12:15 pm

Seals active in area? ☐ Yes ☒ No

Number of seals: _____

Upstream extent of seals: _____

Discharge Transect Data				Notes
Distance (m)	Depth (m)	Velocity (m/s)		
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 HAD10 - SAN JUAN
Q = 7.81 m³/s

WCVI SIL Stream: mid san juan Date: Oct 10/23 REF NO. PAGE 3 OF 8															
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES								No Fish	
		Po	Rf			Sockeye		Coho		Pink	Chum	Chinook			ST
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
1	BAR 9	Po	Rf	100	Live							8			
		Ru	Mu		% Sp							100			
					Dead							2			
2		Po	Rf	100	Live							1			
		Ru	Mu		% Sp							100			
					Dead							4			
3	1	Po	Rf	100	Live	4		35				4			
		Ru	Mu		% Sp	0		0				0			
					Dead							47			
4		Po	Rf	100	Live	2									
		Ru	Mu		% Sp	100									
					Dead							4			
5		Po	Rf	100	Live	1						3			1
		Ru	Mu		% Sp	0						0			
					Dead							5			

Species abbreviations: R1 - rainbow trout, C1 - cutthroat trout, BR - bear, ST - Steelhead, O1 - other
 Hab. Code: Po - pool, Rf - riffle, Ru - run, Mu - multiple

Comments on unit description, obs. efficiency, tags, behaviour (use row ref):
 # REF B VIS 35ft

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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	
					Adult	Jack	Adult	Jack			Adult	Jack			
6		Po	100	Live							8			3	
		Ru		% Sp							100				
		Mu		Dead							5				
7		Po	100	Live	6		170				5		2		
		Ru		% Sp	0		0				0		0		
		Mu		Dead											
8		Po	100	Live											X
		Ru		% Sp											X
		Mu		Dead											X
9		Po	100	Live			20				4		1	4	
		Ru		% Sp			0				50				
		Mu		Dead							6				
10		Po	100	Live	6		120	2			4				
		Ru		% Sp	0		0	0			0				
		Mu		Dead							4				

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: mid san Juan		Date: Oct 10/23		REF NO.		PAGE 5		OF 8					
ROW REF.	SEGMENT	HAB. CODE		% HAB SEEN	LIVE/ DEAD	SPECIES								No Fish	
		Po	Rf			Sockeye		Coho		Pink	Chum	Chinook			ST
						Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
11		Po	Rf	100	Live										
					% Sp										
		Ru	Mu		Dead										
12		Po	Rf	100	Live							16			1
					% Sp										
		Ru	Mu		Dead										
13		Po	Rf	100	Live							74			
					% Sp										
		Ru	Mu		Dead										
14		Po	Rf	100	Live			58				12		1	
					% Sp										
		Ru	Mu		Dead										
15		Po	Rf	100	Live							20			
					% Sp										
		Ru	Mu		Dead										

Species abbreviations: R1 - rainbow trout, C1 - cutthroat trout, BR - bear, S1 - Steelhead, O1 - other
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Comments on unit description, obs. efficiency, tags, behaviour (use row ref):

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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			60	3			4				
					% Sp						0					
		Ru	Mu		Dead						15					
17	2	Po	Rf	100	Live							22				X
					% Sp						160					
		Ru	Mu		Dead						78					
18		Po	Rf	100	Live											X
					% Sp											
		Ru	Mu		Dead											
19		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		Dead											
20		Po	Rf	100	Live											
					% Sp											
		Ru	Mu		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):

C.2 (ver.2014Jun)

WCVI SIL Stream: midson Date: Oct 10/13 REF NO.PAGE 7 OF 8POST-SURVEY NOTES Juan

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, used station

BEHAVIOUR NOTES:

	SK	CO	PK	CM	CN	ST	CT	
% MORTS THAT ARE PRE-SPAWN	0 %	0 %	%	%	0 %	0 %	0 %	%
% OF FISH THAT APPEAR NEW	0 %	5 %	%	%	0 %	100 %	100 %	%
% OF FISH PAIRED / SPAWNING	11 %	0 %	%	%	74 %	0 %	0 %	%
OVERALL RELIABILITY [L / M / H]	H	H			H	H	H	

SURVEY TOTALS:

	Sockeye		Coho		Pink	Chum	Chinook		ST	ST OF
	Adult	Jack	Adult	Jack	Adult	Adult	Adult	Jack		
TOTAL LIVE	19		463	5			129		4	9
TOTAL DEAD							197			

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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: N/A

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

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	TJ, MDT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crew	JJ	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.4 (ver.2014Jun)