SQ-3228
SQ-3228

HURLEY 4.2km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°32'48.69"	-123°5'4"

Site Status	Active
Insp. Status	Do Not Inspect
Crossing Name	Twenty Five Mile (Jim) Creek
FSR #	7973
Branch #	1
Road Name	HURLEY
User km	4.2
Previous Load Rating (tonnes)	63
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	2.4
Deck Width (m)	6.3

Updated Data

Latitude	Longitude
50°32'49.18"	-123°5'3.38"

HD Diff. (m)	19.3	Accuracy (m)	6

Inspection

Date of Inspection 2022-10-20 4:25:38 PM

Inspector Name Gino Fournier

Recommended Next Inspection

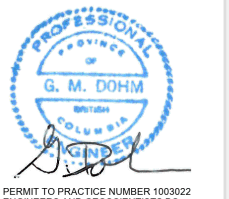
Inspection Company MoF

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 26, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: inspect with road inspections.
Comments: Replace WBC with 1800 dia. CSP culvert. Install with 3m x 3m x 1m deep inlet sump, with riprap protection at both inlet and outlet slopes, minimum 500 cover.



PERMIT TO PRACTICE: 1003022

Approach

Alignment: Good

Bridge Ahead Signs Missing: (•) 0 ( ) 1 ( ) 2 — Culvert width of road. No signage needed

Brushing Required: N

Delineator Missing Left: (•) 0 ( ) 1 ( ) 2

Delineator Missing Right: (•) 0 ( ) 1 ( ) 2

Fender Condition: Fair

Posted Load Rating:

Road Surface:

Abutment

Log/Timber Cribs:

Tie Backs:

Bin Wall:

Pier:

Concrete:

Caps or Sills:

Piles or Posts:

Ballast Wall:

Wing Wall:

Bracing:

Hardware:

Fill:

Riprap:

Bearings:

Corrosion Protection:

Deck

Running Surface	Good
Running Planks	N/A
Sub Deck	N/A
Ties	N/A
Nails	
Deck to Girder Bolts	N/A
Concrete Deck	N/A
Grout Pockets	N/A
Deck Joints	N/A
Steel Deck Plate	N/A
Gravel Surface	Good
Curb Rail/Blocks/Posts	N/A
Hand Rails/Walkouts	N/A
Hardware	N/A
Overall Deck Condition	Fair
Gravel Depth (mm)	
Pier Deck	N/A

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/ Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	.1	High Water	X	Debris	X
Estimated Present Water Level Width (m)	2	Aggradation	X	Scour	X
Estimated High Water Level Clearance	0	Ic			

Comments See photo comments. Structure needs to be replaced as it's plugged and sill erosion is occurring.

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. . . Priority:High	Replace with cmp.
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

BRITISH COLUMBIA

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Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Downstream from Crossing

Upstream from Crossing

Inlet erosion behind sill log upstream left side

Inlet 50% plugged

Downstream Profile

Inlet