SQ-3114	LILLOOET WEST 01 66.7km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°49'58.4"	-122°16'3.82"

Crossing Name	Spring Creek (11 mile)
FSR #	8407
Branch #	1
Road Name	LILLOOET WEST 01
User km	66.7
Previous Load Rating (tonnes)	91
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2200
Opening Width (mm)	3600
Inlet Cover (mm)	4000
Outlet Cover (mm)	5000
Culvert Gradient %	3
Culvert Length (m)	20.5

Updated Data

Latitude	Longitude
49°49'58.17"	-122°16'3.32"

HD Diff. (m)	12.3	Accuracy (m)	5

Inspection

Date of Inspection	2019-09-17 12:26:24 PM
Inspector Name	Greg Dohm

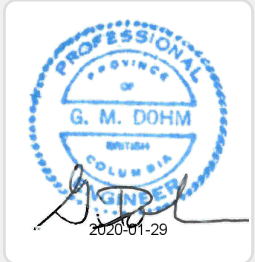
Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020
Load Rating: L100 or 91 tonnes
Next Inspection: 2022
Comments:



P.Eng Seal

Approach

Alignment: Fair

Bridge Ahead Signs Missing: (•) 0 ( ) 1 ( ) 2

Brushing Required: Y

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

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

Fender Condition: Unrated Missing

Posted Load Rating:

Road Surface: Fair

Abutment

Log/Timber Cribs:

Tie Backs:

Bin Wall:

Pier:

Concrete:

Caps or Sills:

Piles or Posts:

Ballast Wall:

Wing Wall:

Bracing:

Hardware:

Fill: Fair

Riprap: Fair

Bearings:

Corrosion Protection:

Culvert

Baffles	Fair
Bolted Connections	
Coating	Fair
Coupled Connections	Fair
Embedment Materials	N/A
Fill	Fair
Floor	Fair
Footing	
Head Walls	N/A
Inlet	Fair
Outlet	Fair
Overall	Fair
Rip Rap	Fair
Roof	Fair
Sidewalls	Fair
Trash Rack	
Weirs/Backwater Structures	
Wing Walls	

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

Estimated Present Water Level Width (m)

Estimated High Water Level Clearance (m)

High Water ☐ Debris ☐

Aggradation ☐ Scour ☒

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream

Downstream from Crossing

Approach from Left Bank when facing downstream

Upstream from Crossing

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Outlet

Inlet

Outlet

Bottom