

SQ-3114
SQ-3114A

LILLOOET WEST 66.7km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

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

Site Status Active

Insp. Status Inspect

Crossing Name Spring Creek (11 mile)

FSR # 8407 Branch # 1

Road Name LILLOOET WEST

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 49°49'58.4"
Longitude -122°16'3.17"

HD Diff. (m) 13.1 Accuracy (m) 7

Inspection

Date of Inspection 2022-09-27 10:19:48 AM

Inspector Name Forrest Simpson

Recommended Next Inspection 2025

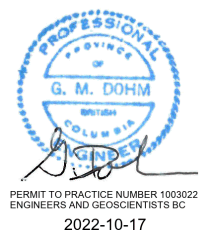
Inspection Company MoF

Inspector Comments

Outlet hanging, riprap has moved from right bank. Scour along banks downstream. Monitor.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L100 or 91 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required **N**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Unrated** **Not needed**

Posted Load Rating **None**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Fair**

Bearings

Corrosion Protection

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Culvert

Baffles Good

Bolted Connections Good

Coating Fair Worn floor

Coupled Connections Good

Embedment Materials

Fill Good

Floor Fair Worn

Footing Good

Head Walls

Inlet Good

Outlet Good Hanging slightly, scour present

Overall Good

Rip Rap Fair

Roof Good

Sidewalls Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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

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Hazards

Estimated Present Water Level Depth (m) .1

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 5

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance 1.8

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Outlet for further scour, riprap movement.	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Outlet



Outlet



Outlet



Outlet



Baffles



Inlet



Culvert Floor



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Upstream from Crossing