

SQ-3159
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SQUAMISH RIVER 25.1km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°5'42.29"	-123°21'44.6"
Crossing Name	Terminal Creek
FSR #	9160
Branch #	1
Road Name	SQUAMISH RIVER
User km	25.1
Previous Load Rating (tonnes)	91
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Steel (non-corrugated)
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	600
Outlet Cover (mm)	1200
Culvert Gradient %	4
Culvert Length (m)	5

Updated Data

Latitude	Longitude
50°5'42.42"	-123°21'43.78"
HD Diff. (m)	16.7
Accuracy (m)	5

Inspection

Date of Inspection 2021-09-24 9:36:03 AM

Inspector Name Greg Dohm

Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments

Road maintained just removed downstream sediment and smooth walled steel culvert at approximately 15% slope drained all sediment. Sediment removal downstream of culvert is required on a regular basis.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L100 or 91 tonnes
Next Inspection: 2024
Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☐ 2

Fender Condition

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

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections

Embedment Materials

Fill Fair

Floor Good

Footing

Head Walls

Inlet Fair

Outlet Fair

Overall Fair

Rip Rap

Roof Good

Sidewalls

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)

High Water ☐

Debris ☒

Estimated Present Water Level Width (m)

Aggradation ☒

Scour ☐

Estimated High Water Level Clearance (m)

Ice ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Upstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream from Crossing



Inlet



Inlet



Outlet



Outlet



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Downstream from Crossing