SQ-3190
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# RING CREEK NORTH 2.4km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

## CBR Data

| Latitude | Longitude |
|---|---|
| 49°44'46.29" | -123°5'6.23" |

| | |
|---|---|
| Crossing Name | Tributary to Ring Creek |
| FSR # | 6782 |
| Branch # | 1 |
| Road Name | RING CREEK NORTH |
| User km | 2.4 |
| Previous Load Rating (tonnes) | 68 |
| Structure Class | Major Culvert |
| Culvert Type | Elliptical |
| Culvert Material | Corrugated Steel |
| Opening Height (mm) | 2100 |
| Opening Width (mm) | 3000 |
| Inlet Cover (mm) | 900 |
| Outlet Cover (mm) | 900 |
| Culvert Gradient % | 4 |
| Culvert Length (m) | 17.8 |

## Updated Data

| Latitude | Longitude |
|---|---|
| 49°44'46.94" | -123°5'6.32" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 19.9 | Accuracy (m) | 5 |

## Inspection

Date of Inspection: 2020-09-08 3:46:23 PM

Inspector Name: Greg Dohm

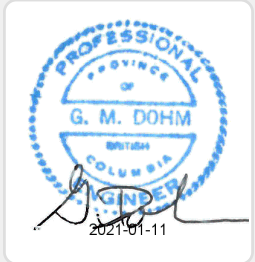
Recommended Next Inspection Year

Inspection Company: FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 11, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2023
Comments:




P.Eng Seal

## 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: 68

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 | |
| Bolted Connections | |
| Coating | Fair |
| Coupled Connections | Fair |
| Embedment Materials | |
| Fill | Fair |
| Floor | Fair |
| Footing | |
| Head Walls | |
| 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) .05

Estimated Present Water Level Width (m) 2

Estimated High Water Level Clearance (m)

High Water ☐ Debris ☐

Aggradation ☒ Scour ☒

Ice ☐

Comments Scour at outlet

## Repairs and Monitoring

| | Repair Item | Repair Description |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |

| Item | Monitor Description | Frequency |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |

Downstream from Crossing



Approach from Right Bank when facing downstream



Outlet



Outlet



Inlet



Outlet



Upstream from Crossing



Inlet

