| CK-2451 | NORRISH CREEK 5.6km | 2014 Inspection |
|---|---|---|

CBR iPad Offline Ver 0.15

## CBR Data

| Latitude | Longitude |
|---|---|
| 49°13'29.6" | -122°8'41" |

| | |
|---|---|
| Road Name | NORRISH CREEK |
| User km | 5.6 |
| Current Load Rating (tonnes) | 63 |
| Structure Class | Major Culvert |
| Culvert Type | Round |
| Culvert Material | Corrugated Steel |
| Opening Height (mm) | 3000 |
| Opening Width (mm) | 3000 |
| Inlet Cover (mm) | 400 |
| Outlet Cover (mm) | 400 |
| Culvert Gradient % | |
| Culvert Length (m) | 11 |
| Deck Width (m) | |

## Updated Data

| Latitude | Longitude |
|---|---|
| 49°13'28.95" | -122°8'40.93" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 20.1 | Accuracy (m) | 5 |

| | |
|---|---|
| Road Name | Norrish Creek |
| User km | 5.7 |
| Current Load Rating (tonnes) | BCL-625 or 63 tonnes |
| Structure Class | Major Culvert |
| Culvert Type | Round |
| Culvert Material | Corrugated Steel |
| Opening Height (mm) | 3000 |
| Opening Width (mm) | 3000 |
| Inlet Cover (mm) | 500 |
| Outlet Cover (mm) | 400 |
| Culvert Gradient % | |
| Culvert Length (m) | 11 |
| Deck Width (m) | |

## Inspection

Date of Inspection: 2014-07-08 10:22:32 AM

Inspector Name: Tyson Miller

Inspection Company: MFLNRO

Inspection Comments

The culvert has sustained damage, continue to monitor. Present load rating of BCL-625 or 63 tonnes to continue.

P.Eng Comments

The culvert has sustained damage, continue to monitor the overall shape. Present load rating of BCL-625 or 63 tonnes to continue.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T.W MILLER
P.Eng Seal
# 35995

July 24/2014

## 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 | Unrated | na |
| Posted Load Rating | | not posted |
| Road Surface | Fair | |

## Abutment

| | |
|---|---|
| Log/Timber Cribs | |
| Tie Backs | |
| Bin Wall | |
| Concrete | |
| Caps or Sills | |
| Piles or Posts | |
| Ballast Wall | |
| Wing WallBracing | |
| Hardware | |
| Fill | |
| Riprap | |
| Bearings | |
| Corrosion Protection | |

## Culvert

| | | |
|---|---|---|
| Baffles | N/A | |
| Bolted Connections | N/A | |
| Coating | Fair | |
| Coupled Connections | N/A | |
| Embedment Materials | N/A | |
| Fill | Fair | 0.4 m |
| Floor | Poor | damaged |
| Footing | Fair | |
| Head Walls | N/A | |
| Inlet | Fair | damaged but functional |
| Outlet | Fair | damaged but functional |
| Overall | Fair | |
| Rip Rap | Fair | |
| Roof | Fair | |
| Sidewalls | Poor | damaged |
| Trash Rack | N/A | |
| Weirs/Backwater Structures | N/A | |
| Wing Walls | N/A | |

## Hazards

| | | | |
|---|---|---|---|
| Estimated Present Water Level Depth (m) | 0.2 | High Water ☐ | Debris ☐ |
| Estimated Present Water Level Width (m) | 2.8 | Aggradation ☐ | Scour ☐ |
| Estimated High Water Level Clearance (m) | 1.0 | Ice ☐ | |

Comment

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|---|---|---|
| 1 | | |
| 2 | | |
| 3 | | |

| Monitor Item | Monitor Description | Monitoring Frequency |
|---|---|---|
| 1 | culvert shape | Routine Inspection |
| 2 | | |
| 3 | | |

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.15

CK-2451 NORRISH CREEK 5.6km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Inlet

looking through culvert

CK-2451 NORRISH CREEK 5.6km 2014 Inspection

Outlet