

CK-2320  
CK-2320

## NAHATLATCH 22.5km

2020 Inspection

CBR iPad Offline Ver 0.33



### CBR Data

|                               |                  |
|-------------------------------|------------------|
| Latitude                      | Longitude        |
| 50°0'11.49"                   | -121°43'53.2"    |
| Crossing Name                 | Not Known        |
| FSR #                         | 6996             |
| Branch #                      | 1                |
| Road Name                     | NAHATLATCH       |
| User km                       | 22.5             |
| Previous Load Rating (tonnes) | 68               |
| Structure Class               | Major Culvert    |
| Culvert Type                  | Elliptical       |
| Culvert Material              | Corrugated Steel |
| Opening Height (mm)           | 1900             |
| Opening Width (mm)            | 2700             |
| Inlet Cover (mm)              | 700              |
| Outlet Cover (mm)             | 900              |
| Culvert Gradient %            | 3                |
| Culvert Length (m)            | 16               |

### Updated Data

|                  |                |
|------------------|----------------|
| Latitude         | Longitude      |
| 50°0'11.92"      | -121°43'53.38" |
| HD Diff. (m)     | 13.4           |
| Accuracy (m)     | 30             |
| L75 or 68 tonnes |                |

### Inspection

Date of Inspection 2020-10-27 1:39:13 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches and monitor the scour noted at the outlet of the culvert. The current load rating or L75 or 68 tonnes to continue.



CK-2320  
CK-2320

NAHATLATCH 22.5km

2020 Inspection

CBR iPad Offline Ver 0.33



## Approach

Alignment Fair

slight VC both approaches

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing  
Left ☐ 0 ☐ 1 ☐ 2 NA

Delineator Missing  
Right ☐ 0 ☐ 1 ☐ 2 NA

Fender Condition NA

Posted Load Rating Not posted

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 Good

Bearings

Corrosion Protection

CK-2320  
CK-2320

NAHATLATCH 22.5km

2020 Inspection

CBR iPad Offline Ver 0.33



## Culvert

Baffles

Bolted Connections

Good

Coating

Fair

Minor corrosion on floor

Coupled Connections

Embedment Materials

Fill

Good

Floor

Good

Footing

Head Walls

Inlet

Good

Outlet

Fair

0.5m drop

Overall

Rip Rap

Good

Roof

Good

Sidewalls

Good

Trash Rack

Weirs/Backwater  
Structures

Wing Walls

CK-2320  
CK-2320

NAHATLATCH 22.5km

2020 Inspection

CBR iPad Offline Ver 0.33



## Hazards

Estimated Present Water Level Depth (m) 0.3

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 3.0

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance (m) 1.0

Ice ☐

Comments

## Repairs and Monitoring

| Repair Item | Repair Description |
|-------------|--------------------|
|-------------|--------------------|

|   |                                                            |                  |
|---|------------------------------------------------------------|------------------|
| 1 | Approach. Area/sight line brushing. m².<br>Priority:Medium | brush approaches |
|---|------------------------------------------------------------|------------------|

2

3

4

5

6

7

| Item | Monitor Description | Frequency          |
|------|---------------------|--------------------|
| 1    | scour at outlet     | Routine Inspection |

2

3



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Inlet



2020 Inspection

CBR iPad Offline Ver 0.33

NAHATLATCH 22.5km

CK-2320  
CK-2320



Outlet