

CK-2320

NAHATLATCH 19.1km

2014 Inspection

## CBR Data

|                              |                  |
|------------------------------|------------------|
| Latitude                     | Longitude        |
| 50°0'11.59"                  | -121°43'53"      |
| Road Name                    | NAHATLATCH       |
| User km                      | 19.1             |
| Current Load Rating (tonnes) | 68               |
| Structure Class              | Major Culvert    |
| Culvert Type                 | Elliptical       |
| Culvert Material             | Corrugated Steel |
| Opening Height (mm)          | 1700             |
| Opening Width (mm)           | 2400             |
| Inlet Cover (mm)             | 600              |
| Outlet Cover (mm)            | 1000             |
| Culvert Gradient %           | 3                |
| Culvert Length (m)           | 16               |
| Deck Width (m)               |                  |

## Updated Data

|                   |                |
|-------------------|----------------|
| Latitude          | Longitude      |
| 50°0'11.67"       | -121°43'52.91" |
| HD Difference (m) | 2.9            |
| 22.5              |                |
| 1900              |                |
| 2700              |                |
| 700               |                |
| 900               |                |

## Inspection

Date of Inspection 2014-05-02 9:45:51 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

## Inspection Comments

Monitor aggrading inlet and scour/plunge pool at outlet. Present load rating of L75 (5 axle logging truck) or 68 tones to continue.



Fill  
July 14/2014

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**Approach**

|                            |                                                                                    |            |
|----------------------------|------------------------------------------------------------------------------------|------------|
| Alignment                  | Fair                                                                               |            |
| Bridge Ahead Signs Missing | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 | NA         |
| Brushing Required          | Y                                                                                  | minor      |
| Delineator Missing Left    | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 | NA         |
| Delineator Missing Right   | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 | NA         |
| Fender Condition           | Unrated                                                                            | NA         |
| Posted Load Rating         |                                                                                    | not posted |
| Road Surface               | Good                                                                               |            |

**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

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**Culvert**

|                               |         |                                 |
|-------------------------------|---------|---------------------------------|
| Baffles                       | N/A     |                                 |
| Bolted Connections            | Good    |                                 |
| Coating                       | Fair    | minor floor rust                |
| Coupled Connections           | N/A     |                                 |
| Embedment Materials           | N/A     |                                 |
| Fill                          | Good    | 700mm at inlet, 900mm at outlet |
| Floor                         | Fair    |                                 |
| Footing                       | Unrated |                                 |
| Head Walls                    | N/A     |                                 |
| Inlet                         | Good    |                                 |
| Outlet                        | Fair    | 0.3 plunge pool                 |
| Overall                       | Fair    |                                 |
| Rip Rap                       | Good    |                                 |
| Roof                          | Good    |                                 |
| Sidewalls                     | Good    |                                 |
| Trash Rack                    | N/A     |                                 |
| Weirs/Backwater<br>Structures | N/A     |                                 |
| Wing Walls                    | N/A     |                                 |

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## Log

Log Curbs N/A

Needle Beam      N/A

Stringer  
Number

Species

Peeled

Diameter  
(mm)

Rot Depth  
(mm)

Comment

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Hazards

Estimated Present Water Level Depth (m) 0.3

Estimated Present Water Level Width (m) 4.0

Estimated High Water Level Clearance (m) 1.5

High Water ☐

Debris ☐

Aggradation ☒

Scour ☐

Ice ☐

Comment monitor aggradation at inlet

Repairs and Monitoring

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

Monitor Item

Monitor Description

Monitoring Frequency

1 aggrading inlet

Routine Inspection

2 outlet scour

Routine Inspection

3

Sketch  
(Select Signature)

- 1 Approach from  
Left Bank when  
facing  
downstream



- 2 Approach from  
Right Bank when facing  
downstream



- 3 Upstream from  
Crossing



- 4 Downstream  
from Crossing



- 5 Inlet



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6

Outlet

