

CK-2320

NAHATLATCH 22.5km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
50°0'11.8"	-121°43'52.9"
Crossing Name	Not Known
FSR #	6996
Branch #	1
Road Name	NAHATLATCH
User km	22.5
Current 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°0'11.48"	-121°43'53.18"
HD Diff. (m)	11.5
Accuracy (m)	10
600	
800	

Inspection

Date of Inspection 2017-08-09 9:39:10 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches when active and monitor the aggrading inlet and the scour at the outlet. Present load rating of L75 or 68 tonnes to continue.



23/01/2018

P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition

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 Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Good

Coating

Fair

minor rust on the floor

Coupled Connections

Embedment Materials

Fill

Good

Floor

Good

Footing

Head Walls

Inlet

Good

Outlet

Fair

Scoured 0.5m but still functional

Overall

Fair

Rip Rap

Good

Roof

Good

Sidewalls

Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Monitor the aggradation at the inlet and scour at the outlet

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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1	Medium	Brush approaches
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2		
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3		
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Item	Monitor Description	Frequency
1	aggrading inlet	Routine inspection

2	outlet scour	Routine inspection
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3		
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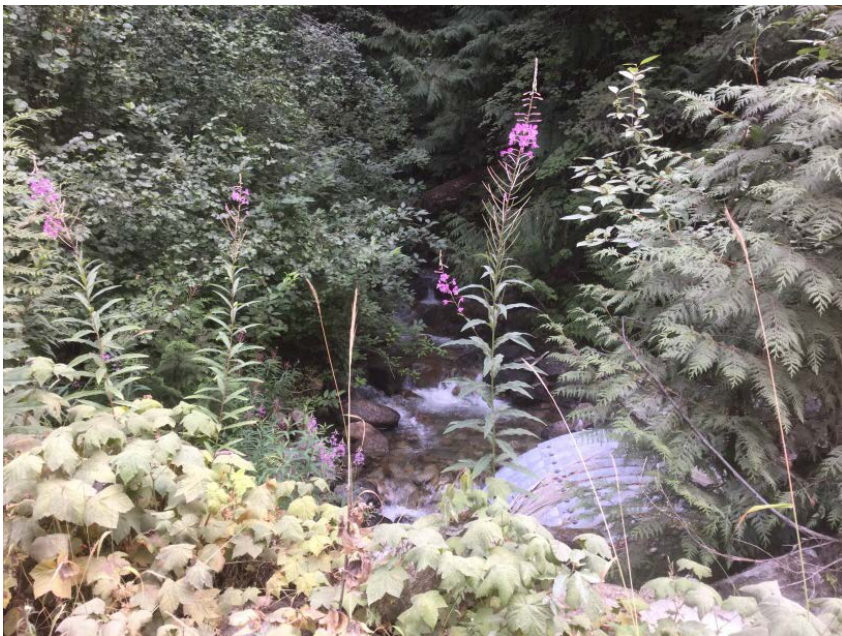
Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking downstream from road surface



Looking upstream from road surface



Approach from Left Bank when facing downstream



Inlet



Outlet



Looking through culvert from inlet