

SC-8144
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SECHELT DAKOTA 35.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°31'10.3"
Longitude -123°43'41.9"

Site Status Active

Insp. Status Inspect

Crossing Name Angus Creek

FSR # 7575 Branch # 1

Road Name SECHELT DAKOTA

User km 35.8

Previous Load
Rating (tonnes) 136

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 3000

Opening Width (mm) 3000

Inlet Cover (mm) 1500

Outlet Cover (mm) 2400

Culvert Gradient %

Culvert Length (m) 18

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5512488.6 Accuracy (m)

Inspection

Date of Inspection 2022-09-29 10:05:52 AM

Inspector Name Richard Mills

Recommended Next Inspection 2023

Inspection Company MoF

Inspector Comments

Barriers should be re set to add space for high flows to pass. Recommend removing 5 centre barriers at minimum. Large rocks could be set in place of barriers, to still allow water to pass.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 12, 2023
Load Rating: L150 or 136 tonnes
Next Inspection: 2023
Comments: See repair items section for required repairs.



PERMIT TO
PRACTICE: 1003022

SC-8144
SC-8144

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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 Good

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Good

Riprap Good

Bearings

Corrosion Protection

SC-8144
SC-8144

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Culvert

Baffles N/A

Bolted Connections N/A

Coating Fair

Coupled Connections Good

Embedment Materials N/A

Fill Good

Floor Fair

Footing Good

Head Walls N/A

Inlet Fair Bedload on grizzley

Outlet Good

Overall Good

Rip Rap Good

Roof Good

Sidewalls Good

Trash Rack Fair 2 arms lower than rest. Reset.

Weirs/Backwater Structures N/A

Wing Walls N/A

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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

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Hazards

Estimated Present Water Level Depth (m)	0.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2.0	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Surface drainage maintenance (drains, catch basins, flumes, ditches). # of items: Priority:High	Re-place barriers on upstream side, to creat gaps for water to pass during high flow.
2 Miscellaneous. Other (specify in comments). # of items. Priority:Medium	Cut excess culvert (blue paint line)
3 Miscellaneous. Other (specify in comments). # of items. Priority:Medium	Re set grizzley arms and clear bedload

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		

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SC-8144

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Approach from Right Bank when facing downstream



Downstream Profile



Downstream Profile



Left Bank Abutment when facing downstream

SC-8144
SC-8144

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Inlet



Upstream Profile



Outlet



Grizzley

