

SC-8144

SECHELT DAKOTA 35.8km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°31'10.3"	-123°43'41.9"
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	Longitude
°0'0"	°0'0"
HD Diff. (m)	5512488.6
Accuracy (m)	

Inspection

Date of Inspection 2020-11-06 8:40:49 AM

Inspector Name Richard Mills

Recommended Next Inspection Year 2021

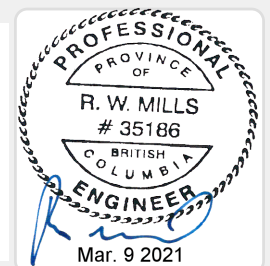
Inspection Company FLNRORD

Inspector Comments

Re inspect to access inside pipe during low flows.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 24, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2021
Comments: Inspect culvert in 2021 during low flows.



P.Eng Seal

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Approach

Alignment Good

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 Fair

Bearings

Corrosion Protection

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Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Good	
Coupled Connections	Unrated	Unable to see
Embedment Materials	N/A	
Fill	Good	
Floor	Unrated	Unable to see
Footing	Unrated	Unable to see
Head Walls	N/A	
Inlet	Fair	Debris on trash rack
Outlet	Good	
Overall	Good	
Rip Rap	Fair	
Roof	Unrated	Unable to see
Sidewalls	Unrated	Unable to see
Trash Rack	Fair	Debris and boulders on top
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)	0.5	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.8	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Remove debris / boulders from trash rack
2		
3		

Item	Monitor Description	Frequency
1	Monitor downstream riprap	Routine Inspection
2		
3		

Sketch
(Select Signature)

Inlet



Inlet



Approach from Right Bank when facing downstream



Inlet



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Outlet



Outlet



Outlet



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