

SC-8015
SC-8015

DUCK LAKE 12.2km

2025 Inspection

CBR iPad Offline Ver 0.36B



CBR Data

Latitude 49°52'.59" Longitude -124°24'46.7"

Site Status Active

Insp. Status Inspect

Crossing Name Sweetwater Creek

FSR # 3477 Branch # 1

Road Name DUCK LAKE

User km 12.2

Previous Load Rating (tonnes) 150

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Precast

Abutment Right Concrete Precast

Spans 1

Total Length (m) 12.1

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5551150.5 Accuracy (m)

Inspection

Date of Inspection 2025-07-23 2:20:16 PM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

Consider adding riprap on ds left side, or monitor.

Recommended Next Inspection 2027

Inspection Company MoF

P.Eng Comments

Ministry of Forests Reviewing Engineer: Richard Mills P.Eng.
Review Date: Jan 26, 2026
Recommended Load Rating: L165 or 150 tonnes
Recommended Next Inspection: 2027
Comments: Monitor riprap.

PERMIT TO
PRACTICE: 1003022

SC-8015
SC-8015

DUCK LAKE 12.2km

2025 Inspection

CBR iPad Offline Ver 0.36B



Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required **Y**

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 **Good**

Caps or Sills **Good**

Piles or Posts

Ballast Wall **Good**

Wing Wall

Bracing

Hardware **Good**

Fill **Good**

Riprap **Fair** Scoured left side. Large, unsorted riprap. Monitor.

Bearings **Good**

Corrosion Protection

SC-8015
SC-8015

DUCK LAKE 12.2km

2025 Inspection

CBR iPad Offline Ver 0.36B



Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

SC-8015
SC-8015

DUCK LAKE 12.2km

2025 Inspection

CBR iPad Offline Ver 0.36B



Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SC-8015
SC-8015

DUCK LAKE 12.2km

2025 Inspection

CBR iPad Offline Ver 0.36B



Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	2.8	Ic	☐		

Comments

Repairs and Monitoring

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

1 Channel. . . Priority:Medium

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor riprap	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream