

CK-2488

STS'AILES (WEST) 10.1km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude		
49°23'31.99"	-121°50'44"		
Crossing Name	unknown		
FSR #	6314	Branch #	1
Road Name	STS'AILES (WEST)		
User km	10.1		
Previous Load Rating (tonnes)	136		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1910		
Opening Width (mm)	3660		
Inlet Cover (mm)	1500		
Outlet Cover (mm)	1500		
Culvert Gradient %	3		
Culvert Length (m)	18.3		

Updated Data

Latitude	Longitude		
49°23'32.82"	-121°50'44.53"		
HD Diff. (m)	27.6	Accuracy (m)	50
L150 or 136 tonnes			
1300			
1600			

Inspection

Date of Inspection 2020-05-11 12:58:19 PM

Recommended Next Inspection Year 2023

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches and clean organic material from the inlet and outlet. Monitor stream aggradation. The current load rating of L150 or 136 tonnes to continue.



2020-11-23

P.Eng Seal

CK-2488

STS'AILES (WEST) 10.1km

2020 Inspection



CBR iPad Offline Ver 0.31

Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 NA

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 NA

Fender Condition Good Only downstream

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Good

Riprap Good

Bearings

Corrosion Protection

CK-2488

STS'AILES (WEST) 10.1km

2020 Inspection

CBR iPad Offline Ver 0.31



Culvert

Baffles

Bolted Connections

Good

Coating

Good

Coupled Connections

Embedment Materials

Fair

Stream aggrading reducing hydraulic capacity - monitor

Fill

Good

Floor

Footing

Unrated

not visible however no settlement apparent

Head Walls

Inlet

Good

Outlet

Good

Overall

Good

Rip Rap

Good

Roof

Good

Sidewalls

Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

CK-2488

STS'AILES (WEST) 10.1km

2020 Inspection

CBR iPad Offline Ver 0.31



Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	1.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments Inlet aggrading and debris collecting at both inlet and outlet

Repairs and Monitoring

Repair

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

1	Medium	Brush approaches
2	Medium	Remove debris from inlet and outlet
3		

Item	Monitor Description	Frequency
------	---------------------	-----------

1	Stream aggradation	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Inlet



Looking through culvert from inlet



Outlet