SC-8208
SC-8208-2

THEODOSIA 3.3km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°58'33.89"	-124°38'58.1"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Not Known
FSR #	6423
Branch #	7
Road Name	THEODOSIA
User km	3.3
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	1000
Outlet Cover (mm)	2000
Culvert Gradient %	15
Culvert Length (m)	18

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5563312.1	Accuracy (m)	

Inspection

Date of Inspection	2022-11-07 1:54:32 PM	Recommended Next Inspection	2025
Inspector Name	Richard Mills	Inspection Company	MoF

Inspector Comments

Trash rack old logs. Approx 20mm sap rot. Likely ineffective. No sign of debris movement. Stream doesn't appear to have high flows. Likely not needed

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 18, 2023
Load Rating:L165 or 150 tonnes
Next Inspection: 2025
Comments: Monitor inlet

PERMIT TO PRACTICE: 1003022

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	Unrated	N/a
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	

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	Worn on bottom
Coupled Connections	Good	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	Poor	Logs, approx. 20mm sap rot.
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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

Hazards

Estimated Present Water Level Depth (m)

Estimated Present Water Level Width (m)

Estimated High Water Level Clearance

High Water ☐ Debris ☐

Aggradation ☐ Scour ☐

Ic ☐

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Inlet

Log trask rack. Rotten logs

Bush side culvert

Upstream from Crossing

Town side culvet

Town side culvert