

SC-8321
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TEXADA ISLAND 4.75km

2022 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 49°38'9.39"
Longitude -124°18'53.7"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 5829 Branch # 4

Road Name TEXADA ISLAND

User km 4.75

Previous Load
Rating (tonnes) 136

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2000

Opening Width (mm) 2000

Inlet Cover (mm) 2900

Outlet Cover (mm) 1500

Culvert Gradient % 1

Culvert Length (m) 26

Updated Data

Latitude 49°38'8.93"
Longitude -124°18'53.66"

HD Diff. (m) 14.6 Accuracy (m) 5

Inspection

Date of Inspection 2022-07-25 10:11:51 AM

Inspector Name Jonathon Harvey

Inspector Comments

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022

Load Rating: 136 Tonnes GVW

Next Inspection Year: 2025

Comments:



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Approach

Alignment **Poor**

Tight corner with soft Downstream shoulder

Bridge Ahead Signs
Missing

☒ 0 ☐ 1 ☐ 2

Brushing Required **Y**

Brushy

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition **N/A**

Posted Load Rating

Road Surface **Fair**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Fair**

Riprap **Fair**

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections Poor All couplers are corroded through on the floor

Embedment Materials

Fill Fair

Floor Fair Minor corrosion

Footing Fair

Head Walls

Inlet Fair

Outlet Fair Plunge of 1m down to large slimy boulder

Overall Fair

Rip Rap Fair

Roof Fair

Sidewalls Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	Approach. Reconstruct fill. 10 m³. Priority:Low

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor culvert couplers for separation	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Inlet



Outlet



Culvert Floor



Looking Downstream Through CMP



Culvert Floor



Outlet