

SC-8315
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TEXADA ISLAND WEST 4.99km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



CBR Data

Latitude	Longitude
49°37'10.8"	-124°24'24.9"
Crossing Name	Not Known
FSR #	5829
Branch #	01
Road Name	TEXADA ISLAND WEST
User km	4.99
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	2500
Outlet Cover (mm)	3000
Culvert Gradient %	
Culvert Length (m)	12

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5523636.1
Accuracy (m)	

Inspection

Date of Inspection 2021-05-14 10:04:13 AM

Inspector Name Richard Mills

Recommended Next Inspection Year 2024

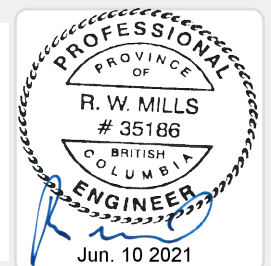
Inspection Company FLNRORD

Inspector Comments

Lower pipe section is separated b approx 6". Pipe also slightly ovalized near this connection (downstream connection). Appears stable, likely construction related. Check records to confirm.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. June 3, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2024



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 Unrated Na

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

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Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Good	
Coupled Connections	Fair	Downstream pipe section has approx 6" gap, Likely during installation.
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor lower pipe section connection	Routine Inspection

2

3

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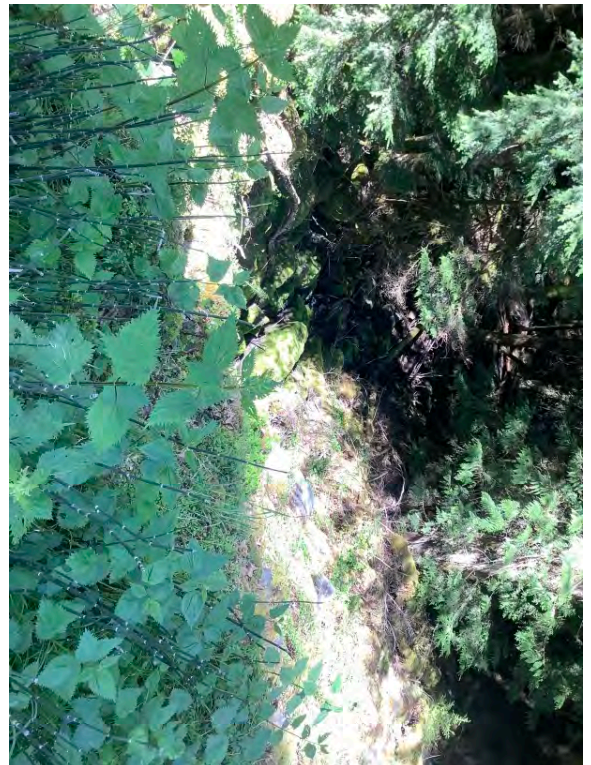
Inlet



Approach from Left Bank when facing downstream



Outlet



Upstream from Crossing



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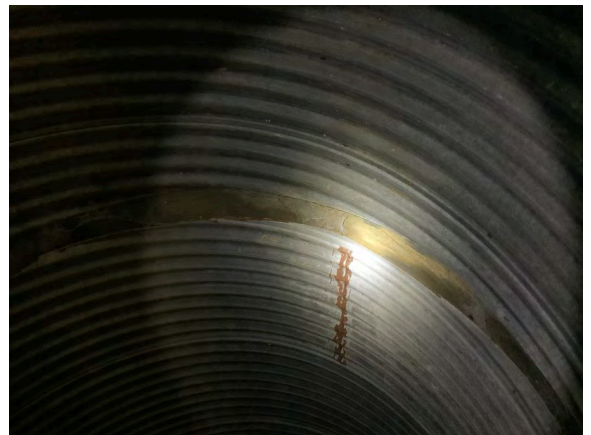
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Outlet



Connection



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