

SC-8318  
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TEXADA ISLAND 0.02km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC



### CBR Data

|                               |                  |
|-------------------------------|------------------|
| Latitude                      | Longitude        |
| 49°39'14.69"                  | -124°21'47.6"    |
| Crossing Name                 | Not Known        |
| FSR #                         | 5829             |
| Branch #                      | 03               |
| Road Name                     | TEXADA ISLAND    |
| User km                       | 0.02             |
| Previous Load Rating (tonnes) | 136              |
| Structure Class               | Major Culvert    |
| Culvert Type                  | Elliptical       |
| Culvert Material              | Corrugated Steel |
| Opening Height (mm)           | 1400             |
| Opening Width (mm)            | 2130             |
| Inlet Cover (mm)              | 500              |
| Outlet Cover (mm)             | 500              |
| Culvert Gradient %            | 1                |
| Culvert Length (m)            | 10               |

### Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5527467.2 |
| Accuracy (m) |           |
| 600          |           |
| 800          |           |

### Inspection

Date of Inspection 2021-05-14 12:19:34 PM

Inspector Name Richard Mills

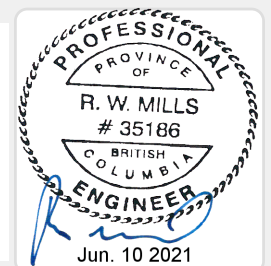
Inspector Comments

Recommended Next Inspection Year 2024

Inspection Company FLNRORD

### P.Eng Comments

Load Rated by: Richard Mills, P.Eng. June 8, 2021  
Load Rating: L150 or 136 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 Good

Bolted Connections N/A

Coating Fair Floor has minor corrosion

Coupled Connections N/A

Embedment Materials Good

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 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<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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## Hazards

Estimated Present Water Level Depth (m) 0.2

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 1.5

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance (m) 0.8

Ice ☐

Comments

## Repairs and Monitoring

Repair Item

Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3

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Inlet



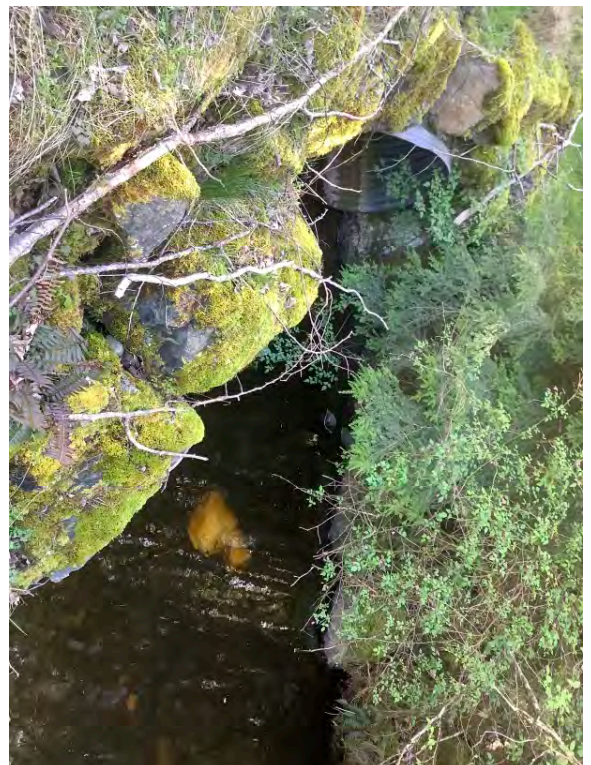
Approach from Right Bank when facing downstream



Culvert Floor



Outlet



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