SC-8191
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# TEXADA ISLAND 5.95km

2022 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

## CBR Data

| Latitude | Longitude |
|---|---|
| 49°36'46" | -124°18'48.9" |

| | |
|---|---|
| Site Status | Active |
| Insp. Status | Inspect |
| Crossing Name | Not Known |
| FSR # | 5829 |
| Branch # | 3 |
| Road Name | TEXADA ISLAND |
| User km | 5.95 |
| 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) | 900 |
| Outlet Cover (mm) | 900 |
| Culvert Gradient % | 1 |
| Culvert Length (m) | 12 |

## Updated Data

| Latitude | Longitude |
|---|---|
| 49°36'45.82" | -124°18'49.15" |

| | | | |
|---|---|---|---|
| HD Diff. (m) | 7.5 | Accuracy (m) | 5 |

## Inspection

Date of Inspection: 2022-07-25 10:45:58 AM

Inspector Name: Jonathon Harvey

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022
Load Rating: 136 Tonnes GVW
Next Inspection Year: 2025
Comments:

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: 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:

## Culvert

| | | |
|---|---|---|
| Baffles | | |
| Bolted Connections | | |
| Coating | Fair | |
| Coupled Connections | Fair | |
| Embedment Materials | | |
| Fill | Fair | |
| Floor | Fair | Minor corrosion |
| Footing | Fair | |
| Head Walls | | |
| Inlet | Fair | |
| Outlet | Fair | |
| Overall | Fair | |
| Rip Rap | Fair | |
| Roof | Fair | |
| Sidewalls | Fair | |
| Trash Rack | | |
| Weirs/Backwater Structures | | |
| Wing Walls | | |

## 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) | 0.0 | High Water ☐ | Debris ☐ |
| Estimated Present Water Level Width (m) | 2.5 | Aggradation ☐ | Scour ☐ |
| Estimated High Water Level Clearance | 1.1 | Ic ☐ | |

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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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing

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Culvert Floor

Inlet

Looking Downstream Through CMP

Outlet