SC-8313
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TEXADA BOB'S LAKE 0.3km

2021 Inspection

CBR iPad Offline Ver 0.34 - DSC

CBR Data

Latitude	Longitude
49°36'8.2"	-124°17'29.6"

Crossing Name	Bob's Lake outlet
FSR #	5829
Branch #	06
Road Name	TEXADA BOB'S LAKE
User km	0.3
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 %	
Culvert Length (m)	11.5

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5521700.3	Accuracy (m)	
	600		
	700		

Inspection

Date of Inspection	2021-05-20 12:13:39 PM	Recommended Next Inspection Year	2024
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. June 3, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2024

P.Eng Seal

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:

Culvert

Baffles	Good
Bolted Connections	N/A
Coating	Good
Coupled Connections	Good
Embedment Materials	Good
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

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)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	0.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.2	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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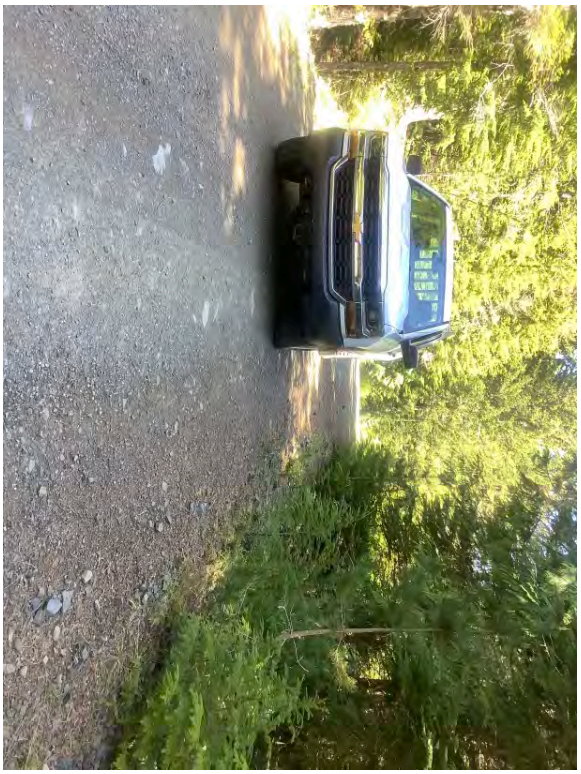
Outlet

Approach from Right Bank when facing downstream



Outlet

Inlet