

CK-2130

STS'AILES 12.8km

2016 Inspection

CBR iPad Offline Ver 0.23



## CBR Data

|                              |                  |
|------------------------------|------------------|
| Latitude                     | Longitude        |
| 49°24'29.9"                  | -121°50'53.8"    |
| Crossing Name                | Wells Creek      |
| FSR #                        | 6314             |
| Branch #                     | 1                |
| Road Name                    | STS'AILES        |
| User km                      | 12.8             |
| Current Load Rating (tonnes) | 136              |
| Structure Class              | Major Culvert    |
| Culvert Type                 | Round            |
| Culvert Material             | Corrugated Steel |
| Opening Height (mm)          | 1800             |
| Opening Width (mm)           | 1800             |
| Inlet Cover (mm)             | 3500             |
| Outlet Cover (mm)            | 3700             |
| Culvert Gradient %           | 2                |
| Culvert Length (m)           | 32               |

## Updated Data

|              |                |
|--------------|----------------|
| Latitude     | Longitude      |
| 49°24'29.67" | -121°50'54.17" |
| HD Diff. (m) | 10.3           |
| Accuracy (m) | 5              |

## Inspection

Date of Inspection 2016-07-21 8:40:01 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean debris from inlet and monitor accumulations. Present load rating of L150 or 136 tonnes to continue.



01/03/2017

P.Eng Seal

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## Approach

Alignment Fair

HC and VC on both approaches

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated

NA

Posted Load Rating

not posted

Road Surface Good

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Good

Riprap Fair

Bearings

Corrosion Protection

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**Culvert**

|                            |      |                                        |
|----------------------------|------|----------------------------------------|
| Baffles                    | N/A  |                                        |
| Bolted Connections         | Fair |                                        |
| Coating                    | Fair |                                        |
| Coupled Connections        | Fair |                                        |
| Embedment Materials        | N/A  |                                        |
| Fill                       | Good |                                        |
| Floor                      | Fair |                                        |
| Footing                    | NA   |                                        |
| Head Walls                 | N/A  |                                        |
| Inlet                      | Poor | debris accumulating at inlet - monitor |
| Outlet                     | Fair | 1.5m drop                              |
| Overall                    | Fair |                                        |
| Rip Rap                    | Fair |                                        |
| Roof                       | Fair |                                        |
| Sidewalls                  | Fair |                                        |
| Trash Rack                 | N/A  |                                        |
| Weirs/Backwater Structures | N/A  |                                        |
| Wing Walls                 | N/A  |                                        |

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## Hazards

Estimated Present Water Level Depth (m) 0.1

High Water ☐Debris ☒

Estimated Present Water Level Width (m) 2.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1.0

Ice ☐

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

|   |      |                                     |
|---|------|-------------------------------------|
| 1 | High | clear debris accumulations at inlet |
|---|------|-------------------------------------|

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

| Item | Monitor Description           | Frequency          |
|------|-------------------------------|--------------------|
| 1    | debris accumulations at inlet | Routine inspection |

|   |  |  |
|---|--|--|
| 2 |  |  |
|---|--|--|

|   |  |  |
|---|--|--|
| 3 |  |  |
|---|--|--|

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Outlet



Approach from Left Bank when facing downstream



looking through from outlet



looking through from outlet



middle section of left culvert is a multiplate - coupled at both ends to CSP



coupler



Inlet