Date Printed: 2015/12/23
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001C
File:

# BC Ministry of Forests and Range

*Major Culvert Inspection Report*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Structure #:** | G1-343 | **Site #:** | G1-343 | **Road Name:** | MCGREGOR FSR | **Inspection Date:** | 2015/08/13 |
| **KM:** | 29.50 | **User km:** | 27.60 | **Crossing Name:** | Unnamed creek | **Next Inspection Date:** | 2018/08/13 |
| **Project File ID #:** | 1817 | **Br.** | 01 | **Forest District:** | Prince George Natural Resource District | | |

| | | | |
|---|---|---|---|
| **Culvert Type:** | Round | **Culvert Material:** | Corrugated Steel |
| **Inlet Cover** *(mm)*: | 500 | **Outlet Cover** *(mm)*: | 500 |
| **Footing Type:** | | **Gradient** *(%)*: | |

| | | | | | |
|---|---|---|---|---|---|
| **Culvert Length** *(metres)*: | 12.3 | **Opening Height** *(mm)*: | 2,100 | **Opening Width** *(mm)*: | 2,100 |
| **UTM Zone:** | 10 | **UTM Easting:** | 600604 | **UTM Northing:** | 5993139 |

| | | | |
|---|---|---|---|
| **Inspector Name:** | Joe Vanderzwan | **Year Superstructure Installed:** | 1980 |
| **Access:** | | | |

## APPROACHES

| | | |
|---|---|---|
| **Alignment** | Good | |
| **Bridge Ahead Signs Missing** | 0 | |
| **Brushing Required** | No | |
| **Delineator Missing Left** (*approaching structure*) | 0 | |
| **Delineator Missing Right** (*approaching structure*) | 0 | |
| **Fender Condition** | None | |
| **Road Surface** | Good | |

## CULVERT ELEMENT

| | | |
|---|---|---|
| **Baffles** | Not Applicable | |
| **Bolted Connections** | Good | Rivets. |
| **Coupled Connections** | Not Applicable | |
| **Coating** | Fair | |
| **Embedment Materials** | Good | |
| **Fill** | Good | |
| **Floor** | Unrated | Gravel bottom. |
| **Footing** | Not Applicable | |
| **Head Wall** | Not Applicable | |
| **Inlet** | Good | Inlet damaged but still functional. |
| **Outlet** | Good | |
| **Overall** | Good | |

**Corporate Bridge Register (CBR)**

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. S. OLMSTED
33080
2015-12-23

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

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|---|---|---|---|---|---|---|---|

| | | |
|---|---|---|
| **Riprap** | Not Applicable | |
| **Roof** | Fair | |
| **Side Walls** | Good | |
| **Trash Rack** | Not Applicable | |
| **Wiers/Backwater Structures** | Not Applicable | |
| **Wing Wall** | Not Applicable | |

**CHANNEL**

| | | | |
|---|---|---|---|
| **Estimated Present Water Level Depth:** | 0.1 | **Estimated Present Water Level Width:** | 1.8 |
| **Estimated High Water Level Clearance:** | 0.5 | | |

**HAZARDS**

| **High Water:** | No | **Scour:** | No | **Ice:** | No | **Debris:** | No | **Aggradation:** | No |
|---|---|---|---|---|---|---|---|---|---|

**Comment:**

**REPAIRS**

| # | Status | Priority | Estimate | Description |
|---|---|---|---|---|

**MONITORS**

| # | Description |
|---|---|

**GENERAL**

**Inspector's Comment:**

**GENERAL**

**PEng's Comment:**

**GENERAL**

| | | | |
|---|---|---|---|
| **Replacement Date for full log haul traffic** *(year)*: | 2025 | **Replacement Date for light vehicle traffic** *(year)*: | |
| **Current Inspection Load Rating:** | 91 | **Design Load GVW** *(tonnes)*: | 91 |
| **Design Vehicle Config.:** | L100 | | |
| **Professional Inspection Required?** | No | **Report Status:** | Reviewed By Jason Olmsted on 12/23/2015 8:45:13AM |

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