



# BC Ministry of Forests and Range

## Major Culvert Inspection Report

Page 1 of 2

Date Printed: 2015/12/14

User Id: IDIR\SMROOKE

Database: PROD

Report Id: CBR001C

File:

|                          |             |                      |        |                                |                                     |                       |            |
|--------------------------|-------------|----------------------|--------|--------------------------------|-------------------------------------|-----------------------|------------|
| Structure #:             | G6-017      | Site #:              | G6-017 | Road Name:                     | FINLAY FSR                          | Inspection Date:      | 2013/07/09 |
| KM:                      | 130.30      | User km:             | 130.30 | Crossing Name:                 | Unnamed creek                       | Next Inspection Date: | 2016/07/09 |
| Project File ID #:       | 7829        | Br.                  | 01     | Forest District:               | Mackenzie Natural Resource District |                       |            |
| Culvert Type:            | Round       |                      |        | Culvert Material:              | Corrugated Steel                    |                       |            |
| Inlet Cover (mm):        | 2,000       |                      |        | Outlet Cover (mm):             | 2,000                               |                       |            |
| Footing Type:            |             |                      |        | Gradient (%):                  |                                     |                       |            |
| Culvert Length (metres): | 24.0        | Opening Height (mm): | 2,000  | Opening Width (mm):            | 2,000                               |                       |            |
| UTM Zone:                | 10          | UTM Easting:         | 428425 | UTM Northing:                  | 6189939                             |                       |            |
| Inspector Name:          | Knut Herzog |                      |        | Year Superstructure Installed: | 1992                                |                       |            |
| Access:                  |             |                      |        |                                |                                     |                       |            |

### APPROACHES

|                                                     |      |  |
|-----------------------------------------------------|------|--|
| Alignment                                           | Good |  |
| Bridge Ahead Signs Missing                          | 0    |  |
| Brushing Required                                   | Yes  |  |
| Delineator Missing Left<br>(approaching structure)  | 0    |  |
| Delineator Missing Right<br>(approaching structure) | 0    |  |
| Fender Condition                                    | None |  |
| Road Surface                                        | Good |  |

### CULVERT ELEMENT

|                     |                |           |
|---------------------|----------------|-----------|
| Baffles             | Not Applicable |           |
| Bolted Connections  | Not Applicable |           |
| Coupled Connections | Good           |           |
| Coating             | Good           | Some rust |
| Embedment Materials | Not Applicable |           |
| Fill                | Good           |           |
| Floor               | Good           |           |
| Footing             | Not Applicable |           |
| Head Wall           | Not Applicable |           |
| Inlet               | Good           |           |
| Outlet              | Good           |           |
| Overall             | Good           |           |

### Corporate Bridge Register (CBR)

#### 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.
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|----------------------------|----------------------------------------------------|-----------------------------------------------------------|----------|------------|----------------------------------------------------|------------------|----------------------------------------------------|-----|-------------------------|----|
| Structure #:               | G6-017                                             | Site #:                                                   | G6-017   | Road Name: | FINLAY FSR                                         | Inspection Date: | 2013/07/09                                         |     |                         |    |
| Riprap                     | Not Applicable                                     |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| Roof                       | Good                                               |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| Side Walls                 | Good                                               |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| Trash Rack                 | Not Applicable                                     |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| Wiers/Backwater Structures | Not Applicable                                     |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| Wing Wall                  | Not Applicable                                     |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| CHANNEL                    | Estimated Present Water Level Depth:               |                                                           | 0.3      |            | Estimated Present Water Level Width:               |                  | 1.2                                                |     |                         |    |
|                            | Estimated High Water Level Clearance:              |                                                           | 1.0      |            |                                                    |                  |                                                    |     |                         |    |
| HAZARDS                    | High Water:                                        | No                                                        | Scour:   | No         | Ice:                                               | No               | Debris:                                            | Yes | Aggradation:            | No |
|                            | Comment:                                           | potential debris in very high flows see photos            |          |            |                                                    |                  |                                                    |     |                         |    |
| REPAIRS                    | #                                                  | Status                                                    | Priority | Estimate   | Description                                        |                  |                                                    |     |                         |    |
|                            |                                                    |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| MONITORS                   | #                                                  | Description                                               |          |            |                                                    |                  |                                                    |     |                         |    |
|                            |                                                    |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| GENERAL                    | Inspector's Comment:                               |                                                           |          |            |                                                    |                  |                                                    |     |                         |    |
| GENERAL                    | PEng's Comment:                                    | Refer to Inspection Comments for historical PEng Comments |          |            |                                                    |                  |                                                    |     |                         |    |
| GENERAL                    | Replacement Date for full log haul traffic (year): |                                                           | 2021     |            | Replacement Date for light vehicle traffic (year): |                  |                                                    |     |                         |    |
|                            | Current Inspection Load Rating:                    |                                                           | 91       |            | Design Load GVW (tonnes):                          |                  | 91                                                 |     | Design Vehicle Config.: |    |
|                            | Professional Inspection Required?                  |                                                           | No       |            | Report Status:                                     |                  | Accepted By Jason Olmsted on 12/11/2013 12:00:00AM |     |                         |    |

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