



## Routine Condition Culvert Inspection Form

## GENERAL INFORMATION

(enter either long/lat or UTM below - not both)

|                                                   |                                 |                                                                                                                |                               |
|---------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|
| *Site #: <u>CK 2205</u>                           | *Crossing Name: <u>Side Crk</u> | *Type/Class: <input checked="" type="checkbox"/> Major Culvert<br><input type="checkbox"/> Woodbox/Log Culvert | *Project File ID# <u>8019</u> |
| *Structure #: _____                               |                                 | <u>2.1m x 2.2m long</u>                                                                                        | *Br. <u>01</u>                |
| *FSR Name: <u>NORTH AINSLIE CRK</u>               | *Forest District: <u>CK</u>     | *Kilometres: _____                                                                                             | User km: <u>17.4</u>          |
| Longitude: (ddd / mm / ss.s) <u>50° 01' 31.9"</u> | <b>OR</b>                       | UTM Zone _____                                                                                                 | UTM Easting _____             |
| Latitude: (ddd / mm / ss.s) <u>121° 23' 47.0"</u> |                                 |                                                                                                                | UTM Northing _____            |

## LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

| Item                       | Present Condition<br>(circle or fill-in) | Comments<br>(a comment is mandatory if condition "Poor" is selected) |
|----------------------------|------------------------------------------|----------------------------------------------------------------------|
| Alignment                  | E G <u>(F)</u> P UR                      | Right curve, downhill gradient                                       |
| Bridge Ahead Signs Missing | 0 1 <u>(2)</u>                           |                                                                      |
| Brushing Required          | Yes <u>(No)</u>                          |                                                                      |
| Delineator Missing Left    | 0 1 <u>(2)</u>                           |                                                                      |
| Delineator Missing Right   | 0 1 <u>(2)</u>                           |                                                                      |
| Fender Condition           | E G F P <u>(None)</u> UR                 |                                                                      |
| Posted Load Rating         | (tonnes) or <u>(None)</u>                |                                                                      |
| Road Surface               | <u>(E)</u> G F P UR                      |                                                                      |

## GENERAL CULVERT ITEMS

| Item                                             | Present Condition<br>(circle) | Comments<br>(a comment is mandatory if condition "Poor" is selected) |
|--------------------------------------------------|-------------------------------|----------------------------------------------------------------------|
| Baffles (N/A to woodbox/log culvert)             | E G F P <u>(N/A)</u> UR       |                                                                      |
| Bolted Connections (N/A to woodbox/log culvert)  | E G F P <u>(N/A)</u> UR       |                                                                      |
| Coupled Connections (N/A to woodbox/log culvert) | E <u>(G)</u> F P N/A UR       |                                                                      |
| Coating (N/A to woodbox/log culvert)             | E <u>(G)</u> F P N/A UR       | rust on floor                                                        |
| Embedment Materials (N/A to woodbox/log culvert) | E G F P <u>(N/A)</u> UR       |                                                                      |
| Fill                                             | E G <u>(F)</u> P UR           | Eroding on outlet side                                               |
| Roof                                             | E <u>(G)</u> F P UR           |                                                                      |
| Side Walls                                       | E <u>(G)</u> F P UR           |                                                                      |
| Floor                                            | E G <u>(F)</u> P N/A UR       | rust                                                                 |
| Head Walls                                       | E G F P <u>(N/A)</u> UR       |                                                                      |
| Wing Walls                                       | E G F P <u>(N/A)</u> UR       |                                                                      |
| Inlet                                            | E <u>(G)</u> F P UR           | 1.7m fill                                                            |
| Outlet                                           | E G <u>(F)</u> P UR           | 1m TOLLINGE POOL Eroding fill, 2.0m fill                             |
| Overall                                          | E <u>(G)</u> F P UR           |                                                                      |
| Riprap                                           | E <u>(G)</u> F P N/A UR       | Good on inlet                                                        |
| Trash Rack                                       | E G F P <u>(N/A)</u> UR       |                                                                      |
| Weirs/Backwater Structures                       | E G F P <u>(N/A)</u> UR       |                                                                      |
| Footings (N/A to woodbox/log culvert)            | E G F P <u>(N/A)</u> UR       |                                                                      |

## LOG CULVERTS ONLY

| Stringer # | Stringer Rot<br>Depth (mm) | Diameter<br>(mm) | Stringer<br>Species | Comments<br>(a comment is mandatory if condition "Poor" is selected) |
|------------|----------------------------|------------------|---------------------|----------------------------------------------------------------------|
| 1          |                            |                  |                     |                                                                      |
| 2          |                            |                  |                     |                                                                      |
| 3          |                            |                  |                     |                                                                      |
| 4          |                            |                  |                     |                                                                      |
| 5          |                            |                  |                     |                                                                      |
| 6          |                            |                  |                     |                                                                      |
| 7          |                            |                  |                     |                                                                      |
| 8          |                            |                  |                     |                                                                      |
| 9          |                            |                  |                     |                                                                      |
| 10         |                            |                  |                     |                                                                      |
| 11         |                            |                  |                     |                                                                      |
| 12         |                            |                  |                     |                                                                      |



## Routine Condition Culvert Inspection Form

## GENERAL INFORMATION

\*Site #: CK 2205

\*Structure #:

## LOG CULVERTS ONLY (continued)

| Stringer # | Stringer Rot Depth (mm) | Diameter (mm) | Stringer Species | Comments<br>(a comment is mandatory if condition "Poor" is selected) |
|------------|-------------------------|---------------|------------------|----------------------------------------------------------------------|
| 13         |                         |               |                  |                                                                      |
| 14         |                         |               |                  |                                                                      |
| 15         |                         |               |                  |                                                                      |
| 16         |                         |               |                  |                                                                      |
| 17         |                         |               |                  |                                                                      |
| 18         |                         |               |                  |                                                                      |
| 19         |                         |               |                  |                                                                      |
| 20         |                         |               |                  |                                                                      |
| 21         |                         |               |                  |                                                                      |

Comments

## Stream CHANNEL

\*Est. Present Water Level Depth 0.1 (m) \*Est. Present Water Level Width 2 (m) \*Est. High Water Level Clearance 1 (m)

## HAZARDS (circle yes or no for each item)

High Water? Yes (No) Scour? (Yes) No Ice? Yes (No) Debris? Yes (No) Aggradation? Yes (No)

Comments

## REPAIRS:

☐ Recommended☐ Not required (H = High, M = Medium, L = Low)

| Repair Item # | *Priority (circle) | *Estimate (\$) | *Repair Description |
|---------------|--------------------|----------------|---------------------|
| 1             | H M L              |                |                     |
| 2             | H M L              |                |                     |
| 3             | H M L              |                |                     |

## \*Monitoring Status:

☒ Recommended☐ Not required

| Monitor Item # | *Monitor Description   |
|----------------|------------------------|
| 1              | monitor eroding outlet |
| 2              |                        |

## PHOTO LOG

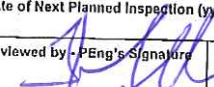
| Photo # | Description                  | Photo # | Description        |
|---------|------------------------------|---------|--------------------|
| 1       | left to right                | 5       | Outlet             |
| 2       | right to left                | 6       | Inside from outlet |
| 3       | Outlet full slope from inlet |         |                    |
| 4       | Inlet                        |         |                    |

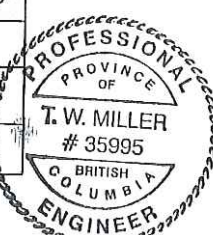
## INSPECTOR TO COMPLETE THIS SECTION

|                                                |                                                    |                                                                                                                                                                                                                            |
|------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As-built Drawings Checked?<br>Yes <u>(No)</u>  | P Eng Inspection Required? Yes <u>(No)</u>         | Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):<br>(P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in COR) |
| *Date of Inspection (yyyy/mm/dd)<br>2011/11/07 | *Inspection Company Name<br>ONSITE ENGINEERING LTD | *Inspector's Name (print)<br>JEREMY ARAKI                                                                                                                                                                                  |
| Inspector's Comments                           |                                                    | Inspector's Signature<br>                                                                                                             |



## PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

|                                                                                                                |                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Current Load Rating GVW (tonnes): 136 tonnes<br>(P Eng to update structure data to screen in COR as necessary) | Date of Next Planned Inspection (yyyy/mm/dd)<br>2014/09/30                                                              |
| Reviewer Company Name<br>MoF                                                                                   | Reviewed by - P Eng's Name (print)<br>T. Miller                                                                         |
| P Eng Reviewer's Comments<br>Present load rating of L150 or 136 tonnes to continue.                            | Reviewed by - P Eng's Signature<br> |



\* Denotes Mandatory Information for Corporate Bridge Register



CK2205 Right to Left Approach



CK2205 Impassable road failure



CK2205 Outlet fill erosion



CK2205 Left to Right Approach



CK2205 Floor



CK2205 Inlet



CK2205 Outlet