



Resource Road Hazard Reporting Tool

Purpose

The purpose of the Road Maintenance Guideline is to provide industry with a guideline for implementing a road maintenance program that ensures that resource roads are maintained for safe operations. The need for a specific focus on log hauling has been identified as the configurations, weight and maneuverability of log trucks increases the risk of incident when roads are not maintained adequately to provide safe operations.

How to utilize this form

The road hazard reporting tool has been developed to provide road users with an effective mechanism to report hazards that affect safe operations on resource roads based on the parameters identified in the Resource Road Maintenance Guideline.

Steps for form usage

1. Identify the road name (i.e. 100RD)
2. Provide an overall rating for the road condition
3. Identify the road segment the report pertains too (i.e. 121km-130 km)
4. Refer to the 'Identified Road Hazards' table below and tick the appropriate box identifying the hazard (i.e. washboard) in the Road Hazard Report Tool
5. Provide any additional comments
6. Submit the form to the applicable designate. This may be the road supervisor, licensee, Road Marshall or other. A copy of the form can also be submitted to the BC Forest Safety Council Transportation Department at: transport@bcforestsafe.org

| IDENTIFIED ROAD HAZARDS | |
|----------------------------|--|
| Existing Condition | Maintenance Required per the Road Maintenance Guideline |
| Washboard / potholes | Loss of handling, damage to equipment, driver fatigue |
| Rutting > 75 mm (3") deep | Loss of handling, poor drainage, surface erosion |
| Loose gravel accumulations | Loss of traction, ¹ stone spraying |
| Surface traction | Loss of traction ¹ , (traction coefficient ≤ 0.3) |
| Snow Accumulations | Depth > 50 mm (2"), limited traction (traction coefficient 0.3) ¹ |
| Roughness | Rough ride, damage to equipment |
| Impeded sight line | Sight distance reduced |
| Inadequate signage | Missing or damaged signage , signage not visible |
| Poor visibility (dusty) | Visibility obscured when following or passing vehicles |
| Road narrowing (snow) | >1m total width loss of running surface |
| Road failure (washouts) | Drainage structure failure, inadequate structure, road surface drainage |
| Hazard tree | Infringes upon the road prism |
| Debris | Obstacle located on the travelling surface, shoulder or pullout |
| Landslide / Avalanche | Obstacle located on the travelling surface, shoulder or pullout |

¹ Refer to the Traction Assessment Tool in Appendix 3 of the Resource Road Maintenance Guideline

ROAD HAZARD REPORTING TOOL

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|---|---------------------------|------------------------|-----------|---------|----------|-----|------|------|--------------------|-----------------|--------|----------------------|--------------------|
| Road Name | Rated by (name optional): | Date | | | | | | | | | | | |
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| Road Condition: Provide an overall rating for the road section | | Road Condition: | | | | | | | | | | | |
| Good (G): No maintenance or repair required | | | | | | | | | | | | | |
| Fair (F): Safe travel at posted speed limit is difficult | | | | | | | | | | | | | |
| Poor (P): Safe travel is not possible at posted speed limits | | | | | | | | | | | | | |
| Hazards | | | | | | | | | | | | | |
| Start km – End km | Road Failure (washout) | Loose gravel | Washboard | Rutting | Potholes | Ice | Snow | Dust | Inadequate Signage | Bridge approach | Debris | Inadequate pull outs | Impeded sight line |
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| Notes (additional comments): | | | | | | | | | | | | | |
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