



# *Ocean Falls Emergency Response Plan*

## **HAZARD ANNEX – LANDSLIDE RESPONSE PLAN**

*Central Coast Regional District*

*Updated by Frontier Resource Management Ltd  
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# Landslide Emergency Response Plan

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## 1 Landslide Emergency Contact List

- See **Ocean Falls EOC call out list**
- Interior Roads Ltd emergency: 1-800-842-4122
- Ministry of Transportation: 250-398-4518
- Ministry of Forests, Lands: 250-982-2000
- Shearwater Marine: 250-957-2305
- Call out to residences and businesses in danger zone.

### **Landslide Occurrence**

Contact:

Local Emergency Team (LET) - Ocean Falls Deputy EPC

Emergency Executive Committee – Coordinator

- CCRD Rep

- Secretary

Emergency Response Core Team - Communication Officer

- Public Information Officer

- ESS Officer

Emergency Response Operations – Fire Hall

- Boralex

- Marine Harvest

## 2 Introduction

**Landslide** is a general term used to describe the down-slope movement of soil, rock and organic materials under the influence of gravity. It also describes the landform that results.

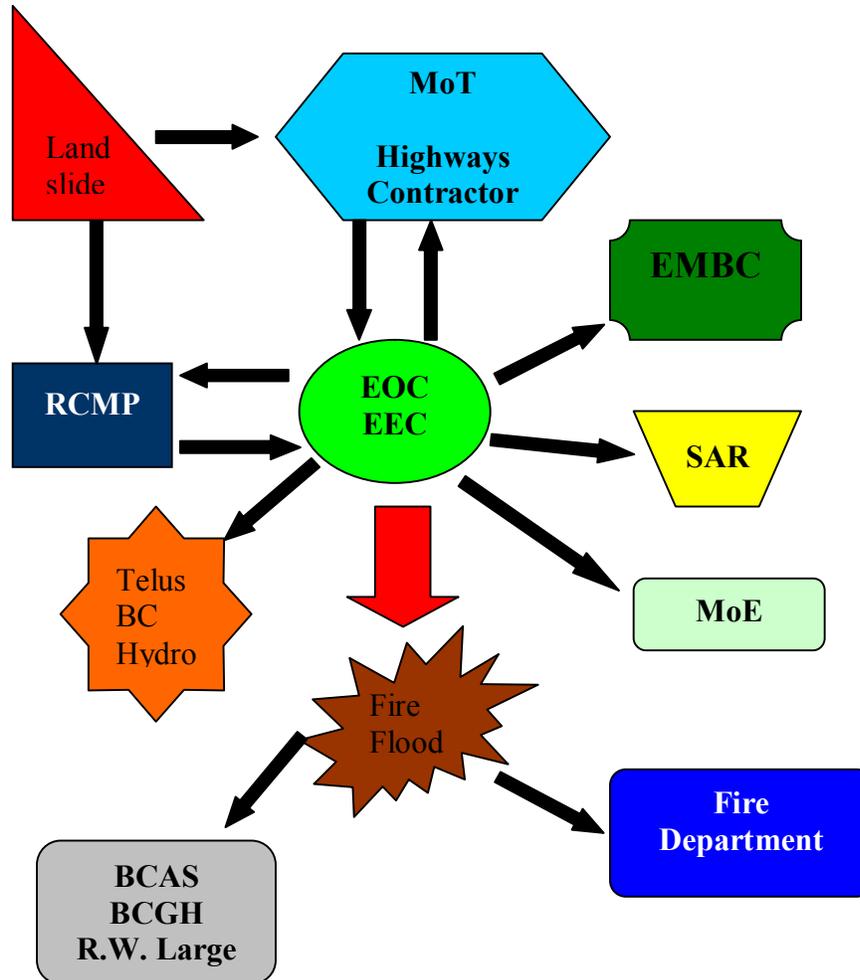
Ocean Falls steep, mountainous terrain, its complex geology, its high precipitation, both as rain and snow, its abundance of unconsolidated glacial sediments, and its geographic position astride the earthquake zone that surrounds the Pacific Ocean, all combine to make the region particularly susceptible to landslide activity.

Landslides are most likely to occur during or following heavy snow or rainfall events and can also be triggered by earthquakes. Residential areas on the north side of Ocean Falls and in the Martin valley residential area are exposed to steep terrain with potential for landslide occurrence. The road connecting Ocean Falls and the Martin valley residential area is also exposed to land slides as evidenced by slides in recent past. Landslides may strike inhabited areas, block Martin Valley road or cause severe damage to utility corridors. Landslides can also block stream flows creating the potential for flash-flooding.

## 3 Landslide Response Organization

It is assumed that landslides will be reported by local residents to the local Improvement District or the Highways Maintenance Contractor after serious damage has resulted. Landslide emergencies requiring a unified response will be addressed as follows:

- Identify specific location
- Control public access if applicable
- Notify utilities as applicable
- Assess damage and initiate SAR if safe to do so
- Obtain geotechnical assessment
- Commence clean-up activities when safe to do so



## 4 Recovery

### 4.1 Search and Rescue

Following a landslide event, search and rescue needs to be initiated as soon as it is safe to do so.

- Volunteer firemen would be first responders
- Appoint a person to watch for indication of further instability and land slides from above while crews are in deposition zone.

### 4.2 Highway Closure

If the road corridor linking Ocean Falls and Martin Valley residential area is blocked and is expected to remain closed for any length of time, arrangements could be made to establish alternate supply routes using small marine vessels, tug and barge or helicopter if necessary.

### **4.3 Power Outage**

Extended power outages are to be addressed using the Ocean Falls ERP Power Outage Response Plan Annex.

### **4.4 Communication Loss**

Refer to Ocean Falls ERP Communications Annex.

### **4.5 River Blockages**

In the event that landslides cause stream-flow blockages, warning must be given to downstream residents and the Flood ER Plan should be activated.