

## LANDSLIDE RISK HAZARD

**Hazard Rating** has been ranging from **High** to **Extreme**

Please be advised that the Lillooet River FSR may be closed to the public at the KM 9 Gate when the Hazard Level is rated **EXTREME**. This is based on the Provincial volcanic landslide shutdown criteria for the Lillooet River FSR. To view the shutdown procedures, please go to:

[http://www.for.gov.bc.ca/dsq/Engineering/dsq\\_engineering.htm](http://www.for.gov.bc.ca/dsq/Engineering/dsq_engineering.htm)

and refer to the report link:

[Volcanic Landslide Risk Management, Lillooet River Valley, BC: Start of north and south FSRs to Meager Confluence, Meager Creek and Upper Lillooet River](#)

If you have additional questions, please contact the MFLNRO Sea to Sky Office at 604-898-2100.

NOTE: Exception to these access closures will be for industrial users that are operating under a "natural hazards operational safety plan" prepared by and signed off by a qualified professional, consistent with the guidelines set out by APEGBC/ABC FP (2008) and WorkSafeBC regulations.

## FOREST FIRE HAZARD

Fire Prohibitions and **Restrictions on Category 2 Open Fires** are currently in effect.

### CAMPFIRE REMINDERS:

A Guide to Campfires and Outdoor Stoves: <http://bcwildfire.ca/Restrictions/StovesCampfires.pdf>

**Report a Wildfire: 1-800-663-5555 or call \*5555 toll free on most cellular networks**

To learn more about Reporting a Wildfire in BC, Current Fire Bans, Fire Danger Rating, Wildfire Prevention, etc. please contact the BC Wildfire Management Branch by phone at 1-888-3-FOREST or by visiting their website <http://engage.gov.bc.ca/bcwildfire/>

## LILLOOET RIVER TRAIL REMAINS CLOSED NO ACCESS TO KEYHOLE HOTSPRINGS

**RECREATION SITES AND TRAILS BC (RSTBC) HAVE ISSUED A CLOSURE OF THE TRAIL AND ACCESS TO THE HOTSPRINGS INDEFINITELY DUE TO THE PRESENCE OF NUMEROUS FOOD CONDITIONED BEARS (EFFECTIVE JUNE 22).**

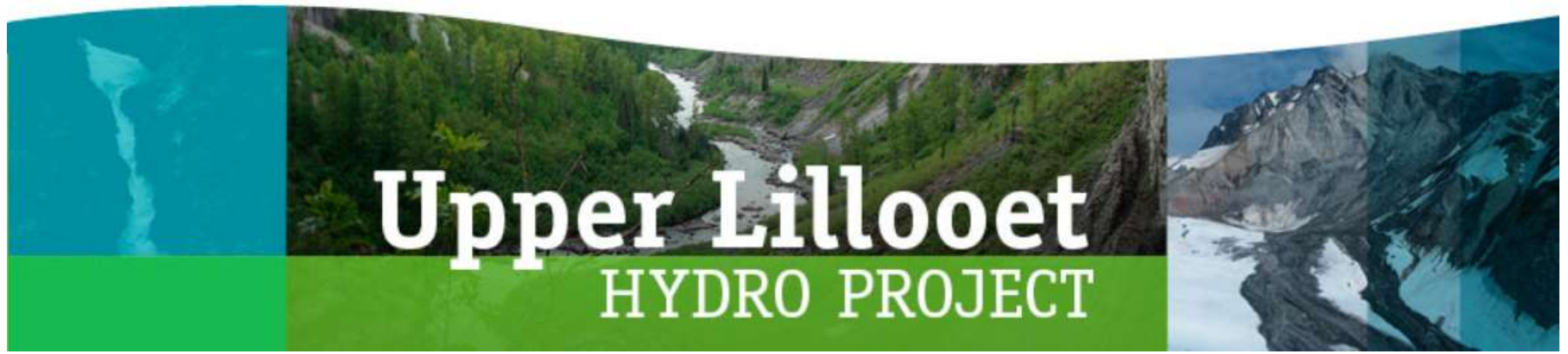
**The public must make sure that food and garbage cannot be accessed by wildlife.**

To report a conflict with wildlife that threatens public safety call the BC Conservation Officer (24 hour hotline) 1-877-952-7277 (RAPP)

### *Watch for Wildlife on Road*

For up-to-date forestry road information, please go to:

<https://www.for.gov.bc.ca/dsq/Engineering/RoadInformation.htm>



# Project Update

All work sites are operational - **PLEASE DRIVE WITH CAUTION**

KM	Activity along the Lillooet River FSR
KM 37.5	Check Point Booth is in place 24 hr/day.
KM 38.5	Tunnelling at the Boulder Creek HEF. Blasting will occur daily. Boulder Creek HEF Powerhouse/tailrace site is open.
KM 39	Boulder Intake Access site is open. Blasting will occur periodically. Concrete trucks and heavy equipment traveling on the road – Drive with caution.
KM 39.5	Oversize load vehicle transfer station.
KM 39.7	Drive cautiously in this area – especially KM 39.7 to Km 41.2 as this is a narrow section of road (one-way traffic at a time).
KM 41.2	Upper Lillooet River HEF Powerhouse/tailrace site is open.
KM 42	<b>TRAIL CLOSED</b>
KM 42-44	Upper Lillooet River HEF Penstock work area is open, including Truckwash Creek area.
KM 44	Upper Lillooet River HEF Downstream Tunnel Portal site open. Blasting will occur daily.
KM 46-49; KM 46-41.5	Conduit installation in the Lillooet River FSR from KM 46-49 starting July 27, 2016 during day shift the first week of work then transition to night shift when working from KM 46-KM41.5.
KM 47-49	Upper Lillooet River HEF Intake and Upstream Tunnel Portal site open, depending on Landslide Risk hazard rating. The site is very busy with limited parking by the Keyhole Bridge. Public parking available on the other side of Keyhole Bridge.
Road Name	Activities associated with Transmission Line (South side)
Lillooet South FSR	Not active.
Salmon Slough/Zorro	Pole installation and framing work.
Ryan River FSR	Preparing poles for stringing – blasting and helicopter work.
Ryan South Main	Ground preparation works for pole installation including blasting.
Miller Bench FSR	Ground preparation works for transmission line pole installation.
Miller Creek area	Ground preparation works for transmission line pole installation.
Pemberton Creek area	No works in area due to lightning caused wildfire.
Rutherford Creek FSR	Not active.

### Mechanical Equipment & Supply Deliveries Ongoing

- Large equipment will be trucked to site on a regular basis throughout the summer.
- Weekly heavy haul loads (turbines and generators) will continue throughout August.
- **Oversize Loads may cause delays crossing the KM 1 Bridge Lillooet River FSR – exact dates will be provided**

### General updates on other industrial users

- Road grading on the Lillooet River FSR ongoing.
- Pumice trucks hauling along the Lillooet River FSR.
- Active forestry road building in the Lillooet South FSR;
- Active logging and hauling in the Ryan South and Pemberton Creek areas



# Landslide and Flooding Risks Due to Wildfires

## What you can do to recognize and deal with the hazards



1

### HOW does wildfire activity increase the risk of landslides and flooding?

Periodically, British Columbia experiences severe wildfires near populated areas, such as those that occurred in 2003, 2009, 2010 and 2015.

A severe wildfire damages the forest canopy, as well as the smaller plants and soil below the trees. This can result in increased runoff after intense rainfall or a rapid snowmelt, putting homes or other structures below the burned area at risk of localized floods and landslides.



2

### WHAT specific hazards should you watch for after a wildfire?

- » Flooding, especially after an intense rainfall
- » Landslides, which could include a debris flow and/or rockfall

#### What weather conditions trigger post-wildfire floods and debris flows?

The most common trigger is intense rainfall (for example, 10 mm of rain falling in under 30 minutes).

The risk increases if the rainfall follows a prolonged dry period, because water can't soak into dry, fire-altered soils quickly.



3

### HOW can you deal with post-wildfire hazards?

- » Be informed. Be ready.
- » Familiarize yourself with the landscape and its normal drainage channels.
- » Contact local authorities to learn about any emergency response plans and evacuation plans for your area.
- » Develop your own emergency plans.



4

### WHAT should you do during a storm or heavy runoff event?

- » Pay attention to weather forecasts.
- » Check the Environment Canada weather forecast at [http://weather.gc.ca/canada\\_e.html](http://weather.gc.ca/canada_e.html)
- » Avoid areas where a wildfire has recently occurred.
- » Never drive across a flooded road.
- » Do not enter water channels or hike upstream.
- » Consider leaving the area if you are concerned.
- » On forested land where a wildfire has recently occurred, avoid camping on floodplains, beside streams, on alluvial fans or at the base of burned slopes.

#### How long do post-wildfire risks last?

In areas that have been severely burned, post-wildfire risks may last for two years or more. Increased flood or debris flow risks may persist for much longer.



#### Additional resources are available online:

- ▶ BC Wildfire Service: [www.bcwildfire.ca](http://www.bcwildfire.ca)
- ▶ Environment Canada weather: [www.weather.gc.ca/canada\\_e.html](http://www.weather.gc.ca/canada_e.html)
- ▶ Ministry of Forests, Lands and Natural Resource Operations: [www.gov.bc.ca/for](http://www.gov.bc.ca/for)