

# Loseth Road slope stability

Background & emergency response plans  
March 2019

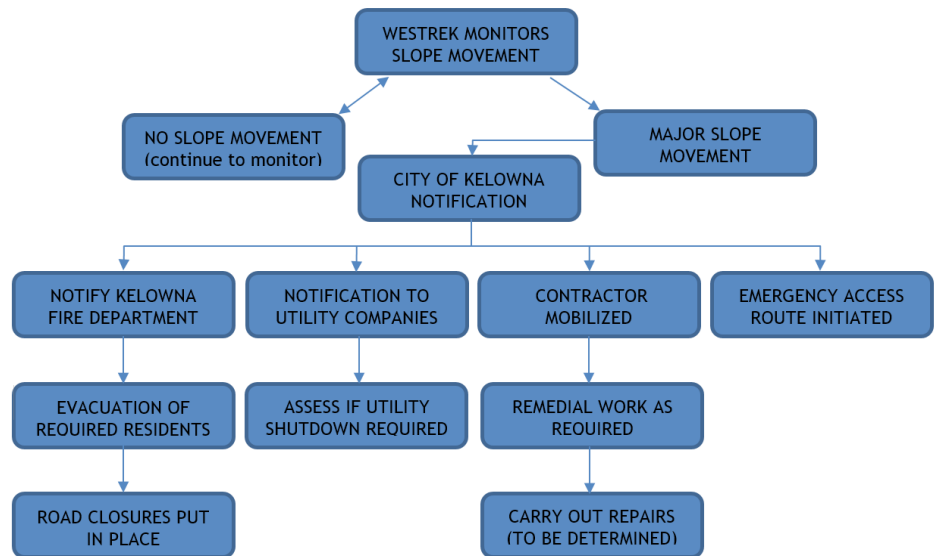
## Background

The City has imposed Remedial Action Orders to rectify slope instability and unsafe condition at 2045 Loseth Road and 2001 Kloppenburg Court. Remediation work to address the unsafe condition must be complete by March 30, 2019. Work includes removing the overburden, reducing the slopes, stabilizing the bottom of the slope, and ensuring the protection of the public, property and infrastructure in the area.

## Emergency response plan – Major slope movement

Major slope movement is defined as:

- A significant change in slope stability or ground water pressure, as monitored by Westrek Geotechnical.
- Slope failures include sloughing and landslides within the unstable slope area.



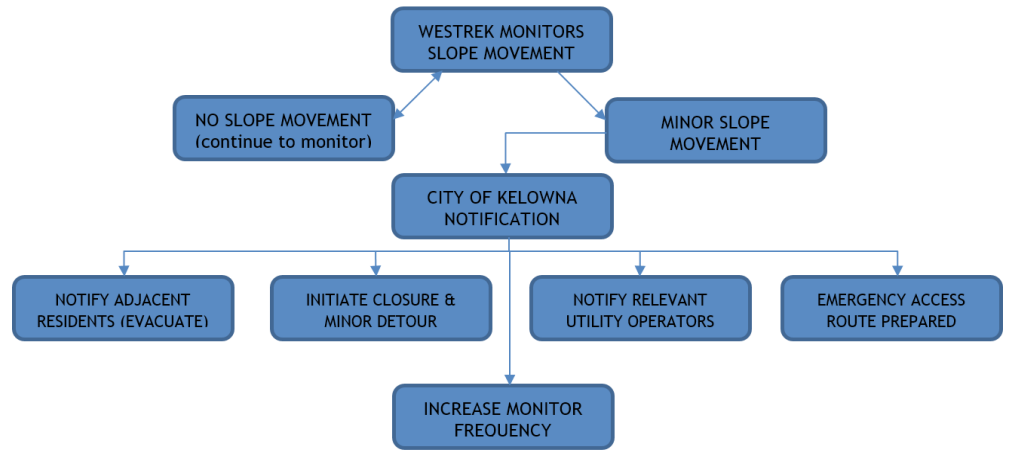
## Detour – Major slope movement



## Emergency response plan – Minor slope movement

Minor slope movement is defined as:

- Any changes in slope stability instrumentation, monitored by Westrek Geotechnical.
- An increase in the size of stress cracks or scarps on the existing slope.
- Localized sloughing and slippage within the unstable slope areas.



## Detour – Minor slope movement



## Black Mountain irrigation pump station

In the event of a slide causing damage or failure to the pump station, the following steps will be taken by the irrigation district.

### Site assessment

- A 24 hour on-call operator will arrive at the site within an estimated 20 minutes.
- The site will be assessed immediately for severity of failure as well as safety for staff and public.

### Notifications

- If appropriate, the on-call operator will notify the fire department immediately, as well as other support staff members.

### Water main shut downs

- Three gate valves will be shut down as needed to isolate and protect against issues.

### Temporary water supply

- Depending on the severity of the damage or break, it may be possible to utilize a booster station to ensure a majority of the residents in the area remain with functioning water.

### Repairs

- Once the site has been deemed safe, Black Mountain Irrigation District crews will work toward repairing damage and reconnecting residents to water sources.