

Recovery Communication update #9 4 Feb 2025

From: McCrae Recovery <mccraerecovery@mornpen.vic.gov.au>
To: McCrae Recovery <mccraerecovery@mornpen.vic.gov.au>
Date: Tue, 04 Feb 2025 18:17:08 +1100

Good afternoon, all

Investigation update

Extensive investigations have been conducted by geotechnical engineers who have been onsite since 14 January.

Immediately following the 14 January landslide, Council's engaged geotech engineers were on site liaising directly with the SES, Council officers, police, Fire Rescue Victoria, and local residents.

A main priority following the landslide was to establish slope monitoring systems so that safe access to the area could be established.

Other priorities included assessing cut/fill on the escarpment and investigating the source of the water flowing from the landslide site. Activities to assess the area include:

- Supply and install real time monitoring system
- Supply and install longer term monitoring system and which includes:
 - prism network consisting of 50 prisms installed across the area of interest
- Repeat surveys:
 - Weekly for the first 4 weeks
 - Fortnightly for the next 8 weeks
 - Monthly for 9 months
- Undertake intrusive geotechnical and groundwater investigations on designated properties:
 - targeted bore hole drilling (non-destructive vacuum excavation methods) to certain properties
 - Cone penetration testing and groundwater wells to up to 30 m depth
 - Targeted water chemistry testing of groundwater
- Undertake groundwater monitoring

The landslide event of January 2025 is unique in that it initially failed in dry, hot weather. i.e. it was not triggered by a rainfall event. This is considered a rare event in Australia.

If you have any questions relating to the above information, please contact us using the email

mccraerecovery@mornpen.vic.gov.au.

Thank you.



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