

# Residents update

## McCrae landslide recovery



28 February 2025

This week our focus has been on developing tailored plans for the eight properties within the exclusion zone and coordinating the access visits for three of these properties.

The geotechnical engineers continued their intrusive works across the site, calibration of the monitoring equipment and data collection (see below for additional information).

David, the Municipal Building Surveyor has met with residents whose properties are in the exclusion zone and begun developing plans that map out next steps.

The first of these was to organise a brief visit to three properties so these residents could collect essentials and/or empty fridges. Our Building Maintenance Team was once again on stand-by to action any emergency repairs. We were also able to coordinate with United Energy to have power reconnected at the same time.

These visits required careful coordination and were done under strict safety protocols, including identification of hazards, assessment of risks, and implementation of controls such as critical monitoring of the landslip area – both visually and online, and two-way communications.

### **Traffic management**

The Department of Transport and Planning has removed the traffic management controls along Point Nepean Road, including the orange water barriers, signage and electronic boards. The road speed signage will return to 60kmh.

We have been advised the north-bound bus stop will reopen, but the south-bound one will stay closed.

### **Power and other utilities**

Power has been restored to all except four properties.

### **Next steps for remaining properties**

As conditions vary across the site, the Municipal Building Surveyor is putting together tailored plans for each property to map out steps required to return people safely to their homes. Information is changing daily, so we appreciate your patience and understanding as we work through this process. Our commitment remains focussed on getting people back into their homes as quickly and safely as possible.

### **Works in progress**

We continue working with the geotechnical engineers to further understand and assess conditions across the exclusion zone. This includes site investigations across the evacuation area and the escarpment, monitoring systems and geotechnical assessment.

We have attached maps with a summary of data for your information.

### **A summary of geotechnical tasks completed or in progress for week ending 21 February includes:**

- ☐ Intrusive investigations ongoing (see below)

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- ☐ Radar, tilt sensor, GPS sensors systems online (please see attachment)
- ☐ First round of prism surveys
- ☐ Pile test scoping
- ☐ Critical monitoring for temporary access visits.

### Intrusive investigations over the past two weeks

- ☐ Borehole drilling

We've drilled a series of boreholes across the site in order to understand the geological profile of the area. It takes two days to establish a borehole on site. Over the past two weeks we have drilled five boreholes across four locations

- ☐ CPT drilling

This has occurred over three days at five locations.

CPT drilling refers to Cone Penetration Testing, a ground investigation technique that uses a cone-shaped probe to determine soil properties. It's used to assess subsurface conditions and stratigraphy.

How it works:

- A cone-shaped probe is pushed into the ground at a controlled rate.
- Data is recorded at set intervals to measure friction and resistance.
- The data is used to identify the soil's characteristics and properties.

- ☐ NDD vacuum truck

This has operated over five days at five locations.

An NDD vac truck, or non-destructive digging vacuum truck, is a vehicle used to remove soil and debris without damaging underground utilities.

How NDD trucks work:

- High-pressure water breaks down the soil.
- A vacuum system extracts the dislodged material.
- The material is then taken to a disposal facility.

NDD trucks are safer than traditional excavation methods, more environmentally friendly and less likely to damage underground assets.

- ☐ Enviro sampling

Sampling of water and materials on site for further testing in a laboratory.

We will continue to provide a weekly summary of tasks from the geotechnical engineers if/when available.

### Community meeting 4pm Friday 7 March

Derek Rotter (Director – McCrae landslide) and David Kotsiakos (Municipal Building Surveyor) will continue to attend these meetings to give further updates and answer questions from the community.