

Document Number	P3444_04
Document Title	Hydrogeology Letter
Site Address	59-63 Trafalgar Avenue & 1A/B Valley Road, Lindfield NSW
Prepared for	Castle Hill No.8 Pty Ltd
Date	11/02/2026

Morrow Geotechnics Pty Ltd are acting as Geotechnical Engineers providing geotechnical advice for the proposed works at 59-63 Trafalgar Avenue & 1A/B Valley Road, Lindfield NSW.

The following reports have been prepared for the site:

- Morrow Geotechnics Pty Ltd, Geotechnical Investigation Report, *59-63 Trafalgar Avenue & 1A/B Valley Road, Lindfield NSW*, referenced P3444_01 Rev1, and dated 17 April 2025 (MG 2025-1);
- Morrow Geotechnics Pty Ltd, Site Hydrogeology Report, *59-63 Trafalgar Avenue & 1A/B Valley Road, Lindfield NSW*, referenced P3444_02 Rev2, and dated 12 June 2025 (MG 2025-2); and
- Morrow Geotechnics Pty Ltd, Dewatering Management Plan, *59-63 Trafalgar Avenue & 1A/B Valley Road, Lindfield NSW* referenced P3444_03 Rev2 and dated 12 June 2025 (MG 2025-3).

The previous geotechnical reports present the results of a site investigation for the proposed development and geotechnical and hydrogeological recommendations for design and construction.

The MG 2025-2 and MG 2025-3 reports involved a detailed geotechnical and hydrogeological assessment of the site, including testing and modelling of the groundwater table and aquifer properties.

Long term groundwater seepage analysis for flow into the drained basement has determined that the seepage inflow rate will be;

- Short Term Flows for Temporary Dewatering During Construction
5.39 ML/year
- Long Term Flows during Service Life of Structure Following Completion of Construction
1.67 ML/year

Modelled ongoing seepage volumes are below the Water Access License exemption threshold of 3 ML/year based on a six month excavation program (**2.695 ML** per six month build). Based on this assessment, Morrow Geotechnics concludes that a drained basement would be a viable option at the site.

For and on behalf of Morrow Geotechnics Pty Ltd,



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