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Mecone

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PROJECT SITE: Lindfield - Highgate SEARs

• **GEOTECH LETTER**

Dear Katherine,

Geotesta has provided responses to the following two questions.

1. Has the Geotech consultant confirmed that a Groundwater, Salinity Management Plan and Acid Sulfate Management Plan are not required for each site?

❖ **Groundwater Management Plan**

- Geotesta has conducted a preliminary geotechnical site investigation at the subject site. Due to restricted site access, boreholes were drilled to a maximum depth of 2.2 meters below ground level. No groundwater was encountered during the investigation, except for minor perched water observed in two boreholes, likely resulting from seasonal rainfall and/or irrigation activities.
- Based on the current findings, the implementation of a groundwater management plan (GMP) is not required nor feasible at this stage. However, upon the demolition of existing structures and improved site accessibility, a detailed geotechnical investigation is recommended. This will involve the drilling of deeper boreholes and the installation of groundwater monitoring wells to facilitate long-term groundwater monitoring, a minimum of three months as per DPIE guidelines.
- A GMP will be developed based on the findings of the long-term groundwater assessment. Should subsequent investigations indicate the presence of significant

groundwater conditions, the implementation of a GMP may become necessary at later stages of the development.

❖ **Salinity Management Plan**

- A salinity management plan is not required as the soils at the site are non-saline.

❖ **Acid Sulphate Management Plan**

- An acid sulfate soil management plan is not required as the site is not located in an area with acid sulfate soils.

2. **Has the Geotech / contamination consultant confirmed that a hazard analysis is not required?**

- Geotesta can confirm that a hazard analysis is not required because the site is not understood to be affected by above ground dangerous goods storages or high-pressure pipelines.

Yours sincerely,

For and on behalf of

Geotesta Pty Ltd

Dr. Mark Laidlaw

BSc. MSc. Ph.D., CEnvP

Senior Environmental Scientist