3 SITE HISTORY SUMMARY

A review of available information resulted in the following findings:

- The eastern portion of the site was purchased in 1890 and a store was subsequently built on the site in 1904. It looks like since that time it has been used as a mix of residential and commercial purposes. A trap door leading to a small cellar type space is located in the front room of the building. Exposed soil in the cellar appears to contain fill materials including slag, ash and masonry.
- The western portion of the site appears to have been primarily used as residential since 1981. A new building and some extensions were added to the site around 1979.
- The SA EPA and SafeWork SA do not hold any information relating to the site. A site inspection did not identify any tanks, tank infrastructure, sumps or pits.
- Soils at the site are expected to consist of brown sandy to clayey soils with abundant earthy lime and calcrete in subsoil. Based on observations from the cellar it is possible that fill is present in soils. Bakara Calcrete is expected to be present below the soils and underlain by Tertiary Hallett Cove Sandstone.
- Groundwater is expected to be between 10m and 20m below ground level. Groundwater flow is expected to be towards the west north west and the River Torrens. No registered groundwater wells are present on site.

A desktop assessment of potentially contaminating activities, as defined in the Environment Protection Regulations 2009[2] (Schedule 3 Part 1 – (2) Activities undertake in course of business), that may have occurred at the site did not identify any potentially contaminating activities.

Other issues related to potential site contamination that may be present at the site are provided below in Table 1.

Table 1 – Other issues related to potential site contamination

Issue	Relevant chemicals	Persistence/ mobility	Potential location	Likelihood of site contamination[1]
Termiticide application	OCP, OPP, arsenic	Moderate persistence / low mobility	Below the buildings particularly 268 Waymouth	Possible
Presence of fill	PAH, metals	Moderate persistence / low mobility	Below buildings and paved areas	Likely

Notes: (1) Refer Table 2 for definitions

Table 2 – Definitions of likelihood of site contamination

Description	Definition
Rare	May be present only in exceptional circumstances
Unlikely	Improbable but may be present sometimes
Possible	Expected to be present sometimes
Likely	Will be present in most circumstances
Confirmed	Know site contamination based on intrusive investigations or inspection

[2] Used for comparison purposes only