

# Appendix E Contamination inspection memorandum

## Contamination Inspection

<b>Date:</b>	18 May 2022	<b>Jacobs Group (Australia) Pty Limited</b>
<b>Project name:</b>	Spring Farm Parkway	Level 7, 177 Pacific Highway
<b>Project no:</b>	IA302100	North Sydney, NSW 2060
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The following memorandum outlines the results of a contamination inspection of the additional disturbance areas associated with the proposed modification to Spring Farm Parkway Stage 1. The proposed modification is assessed in the Addendum 2 Review of Environmental Factors (A2REF).

The objective of the contamination inspection was to assess the presence/absence of visual contamination within the areas of the A2REF direct impact boundary not previously inspected (the additional disturbance areas).

The additional disturbance areas inspected were as follows:

- Driveway footprint
- HV electrical pit and cable removal
- Fibre optic pit and cable removal
- Power pole removal.

The contamination inspection involved the visual inspection of the surface of the additional disturbance area footprints (where possible). The contamination inspection was undertaken on 12 May 2022 by a Jacobs contaminated site consultant.

The observations made during the contamination inspection are detailed in Table 1.

**Table 1: Contamination inspection**

Disturbance area	Conditions	Presence/absence of visual contamination
Driveway footprint – Within existing construction compound to the west of Menangle Road.	Scattered trees and grass covered areas adjacent to the construction compound fence line. Stockpiles of road base (recycled materials – concrete, ceramics, brick) and soil within the construction compound.	The contamination status of the road base and soil stockpiles is unknown. Inspection of the surface of the stockpiles did not observe any potential contamination indicators (i.e. stained or discoloured materials, odorous materials, erroneous wastes, potential asbestos containing materials, areas of significant filling). No visual evidence of potential contamination indicators (i.e. stained or discoloured materials, odorous materials, erroneous wastes, potential asbestos containing materials, areas of significant filling) were observed across the surface of the disturbance area.
HV electrical pit and cable removal – Paddock to the west of Menangle Road.	Northern pit – Small concrete service pit surrounded by cleared open space used for cattle grazing. Southern pit – Large concrete service pit surrounded by cleared open space used for cattle grazing.	Although no contamination indicators were observed (e.g. fibres) within the matrix of the northern service pit, it may be possible that the concrete of the service pit may contain asbestos. It is unlikely that the matrix of the southern service pit would contain asbestos. No visual evidence of potential contamination indicators (i.e. stained or discoloured materials, odorous materials, erroneous wastes, potential asbestos containing materials, areas of significant filling) were observed across the surface of the disturbance area.

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Disturbance area	Conditions	Presence/absence of visual contamination
Fibre optic pit and cable installation – Paddock to the east of Menangle Road	Grass covered area (former paddock) bordered by fence lines, paddock, driveway and recently disturbed areas associated with construction activities (service installation).	No visual evidence of potential contamination indicators (i.e. stained or discoloured materials, odorous materials, erroneous wastes, potential asbestos containing materials, areas of significant filling) were observed across the surface of the disturbance area.
Power pole removal – Vegetated open space area to the west of Menangle Road	Single wooden power pole surrounded by scattered trees and grass covered areas.	Access to this area was restricted because of the presence of high grass. Where inspected, no visual evidence of potential contamination indicators (i.e. stained or discoloured materials, odorous materials, erroneous wastes, potential asbestos containing materials, areas of significant filling) were observed within disturbance area.

Based on the observations made during the contamination inspection, the following potential contamination sources were noted within the additional disturbance areas:

- A number of road base and soil stockpiles are present within and/or adjacent to the driveway footprint. Inspection of the surface of the stockpiles did not observe any potential contamination indicators. It is understood that these stockpiles will be removed by the current site occupier prior to construction activities associated with Spring Farm Parkway Stage 1 commencing.
- Northern HV electrical pit may contain asbestos. At the time of the inspection, there was no observable fibres within the matrix of the pit (where inspected) and the pit was observed to be structurally sound (concrete was bonded – not delaminating or becoming friable) and undamaged.

Based on the results of the contamination inspection, the potential contamination sources detailed above would be suitably managed by the safeguards and management measures detailed in Chapter 7 of the the A2REF.

The results and conclusions detailed in this contamination inspection memorandum should be considered in context of the following limitations.

- The contamination inspection was limited to visual observations of the additional disturbance areas. No sampling and analysis was undertaken to assess/quantify potential contamination sources and/or impacts
- Observations across all surfaces within some of the additional disturbance areas was restricted by heavy grass cover
- The results and conclusions are considered to be representative of the potential contamination conditions of the additional disturbance areas at the time of undertaking the inspection.