



## **Site Contamination Review Lot 2044 & Lot 12, Jackson Hill, Sunbury**

Prepared for:

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# 1 INTRODUCTION

## 1.1 General

Landserv Pty Limited (Landserv) was engaged by Department of Transport and Planning (DTP) to complete a Site Contamination Review at Jackson Hill, Sunbury, Victoria (referred to as the site). The review includes Lot 2044 and Lot 12~25\PP2761 (Lot 12) as defined below:

- Lot 2044 (Lot 11~25\PP2761); and
- Lot 12 (Lot 12~25\PP2761).

Lot 2044 and Lot 12 have been identified by the Department of Transport and Planning (DTP) as surplus land and are currently subject to ongoing investigations and preparatory work to support potential rezoning. It is understood that both lots are being considered for rezoning to a Mixed-Use Zone, to enable future development opportunities and potential divestment.

This review has been undertaken to address the requirements of Practice Note PPN30 and Ministerial Direction No. 1 (MD1) in DTP's planning report submission as part of the planning scheme amendment process.

The site location and layout are provided in Figure 1, in **Appendix A**.

## 1.2 Objectives

The objectives of this review are:

- To assess the contamination status of the land (based on information currently available from previous reports and work completed by Landserv to date), including consideration of contaminant concentrations against relevant land-use criteria;
- Determine whether the site meets the definition of potentially contaminated land in accordance with Ministerial Direction No. 1;
- Undertake an assessment in compliance with the requirements of Planning Practice Note 30, including the methodology and outcomes specified in Appendix 2 of PPN30; and
- Provide recommendations to inform the application of appropriate planning controls, including any Environmental Audit Overlay (EAO) or other relevant mechanisms.

## 1.3 Scope of Works

The scope of work completed to address the above objectives included the following:

- Reviewed available previous reports (NAA 2013 and Greencap 2020) and work completed by Landserv to date.
- Reviewed current site setting, site inspection and site history summary with consideration to potentially contaminating activities.
- Summarised soil analytical results and inferred contamination status.
- Evaluation of the potentially contaminated land outcome, including assessment of implications and compliance with PPN30 and MD1 requirements.

## 2 SITE SETTING

Details regarding the site setting including site observations and environmental setting are presented in the following sections.

### 2.1 General Site Information

General site information of Lot 2044 and Lot 12 is summarised in *Table 2.1* below.

*Table 2.1 General Site Information*

| Item                                     | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Site Address                             | Jackson Hill, Sunbury, VIC 3429                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                               |
| Standard Parcel Identifier (SPI)         | Lot 2044: 11~25\PP2761<br>Lot 12: 12~25\PP2761                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |
| Municipality                             | Hume City Council                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               |
| Current Zoning                           | Public Use Zone - Education (PUZ2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               |
| Site Area                                | Lot 2044 - approximately 10.99 ha<br>Lot 12 - approximately 1.932 ha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                               |
| Elevation                                | Lot 2044: approximately 241 to 271 m Australian Height Datum (AHD)<br>Lot 12: approximately 252 to 268 m Australian Height Datum (AHD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                               |
| Current Use                              | Lot 2044: Vacant (former educational facility)<br>Lot 12: Vacant (associated with former education facility and site tours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                               |
| Geographical Coordinates (MGA20 Zone 55) | Lot 2044:<br>Easting: 299553<br>Northing: 5836770<br>(Approx. centre of Lot 2044)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lot 12:<br>Easting: 299303<br>Northing: 5836655<br>(Approx. centre of Lot 12) |
| Topography                               | The site slopes downwards from south to north and east.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |
| Hydrology                                | The nearest potential receiving surface water body is either Harpers Creek, located approximately 500 m west of Lot 12 or Jacksons Creek, located approximately 700 m of Lot 2044.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                               |
| Geology                                  | The site is underlain by Miocene to Holocene aged Newer Volcanics consisting of olivine tholeiite, quartz tholeiite, basanite, basaltic icelandite, hawaiiite, mugearite, minor scoria, and ash.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |
| Hydrogeology                             | <p>Groundwater beneath the site is indicated to have a salinity of 3,101 to 5,400 mg/L (total dissolved solids, (TDS). This would potentially classify groundwater beneath the site as "Segment C" in accordance with the <i>Environment Reference Standard (ERS) 2021</i>.</p> <p>Groundwater across Lot 2044 and Lot 12 is likely to be intercepted between 20 – 50 m below ground level (mBGL) in the northern portion, the southern and central portions is likely to encounter groundwater at depths &gt;50 mBGL.</p> <p>The relevant underlying aquifer is inferred to be fractured or fissured, extensive with low to moderate productivity.</p> <p>Based on local topographic gradients and the position of the nearest surface water body, groundwater flow is anticipated to trend west toward Harpers Creek or east towards Jacksons Creek.</p> <p>A groundwater bore search identified 7 bores with potential extractive uses (Domestic / Stock / Irrigation / Commercial) within a 2.0 km radius of the site.</p> <p>Groundwater at the site has not been assessed. Based on the site context it is considered unlikely that groundwater beneath the site has been impacted by site-sourced contamination.</p> |                                                                               |

| Item                         | Details                                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surrounding Land Uses        | North – Vacant land and residential dwelling.<br>South – Sunbury School<br>East – Vacant land, shed and building, concrete area and wetland beyond.<br>West – Residential dwellings |
| Environmental Audit Overlay: | No EAO applicable at the time of the assessment.                                                                                                                                    |

## 2.2 Review of Previous Reports

### 2.2.1 Noel Arnold and Associates (NAA, 2013) Environmental Site Assessment

Landserv reviewed the Noel Arnold & Associates report (2013) for relevant information pertaining to Lot 2044 and Lot 12. The key findings relevant to this review are summarised below.

- Previous land-uses at the site have included the Sunbury Industrial School from 1864 to 1879, a mental hospital from 1879 to 1992 and as a tertiary education and TAFE facility from 1992 to 2010.
- Areas of contaminants of potential concern (COPC) that are considered likely to be associated with the land-uses observed from the site visit and historical review include Building 6 which contained a bunded area for potential chemical storage, morgue, potential former AST and ACM containing carport. Potential sources of contamination were ranked into low, medium or high potential for environmental impact in areas of concern.
- Based on the visual environmental inspection undertaken, NAA recommend a targeted soil sampling program at selected sites that have been assessed as high risk.
- Sub-surface piping and infrastructure may require testing for the presence of asbestos containing material (ACM).

### 2.2.2 Greencap (2020) Preliminary Site Investigation

Landserv reviewed the Preliminary Site Investigation (PSI) report (2020) conducted by Greencap Pty Ltd for relevant information pertaining to Lot 2044 and Lot 12. The key findings relevant to this review are summarised below.

- The PSI incorporated historical assessments (2013–2019) and identified former uses including an industrial school, mental hospital, and education facility. Several buildings (e.g. boiler room (Building 6) and morgue (Building 25)) and adjacent infrastructure (including, potential USTs and asbestos-containing services) were identified as having a high contamination risk.
- Soil investigations indicated medium to high potential for contamination across parts of the site, with elevated concentrations of metals, hydrocarbons and PAHs (including B(a)P) in surficial fill soils, particularly near buildings and former structures.
- Grid-based and targeted soil sample locations indicted contamination is likely to be widespread. Accordingly, areas surrounding historic buildings were assigned a 'medium' risk rating under the 'DSE General Practice Note' with recommendations for further assessment by a suitably qualified environmental professional to determine the extent of contamination and inform appropriate remediation and/or the implementation of management measures.

## 2.3 Site Inspection & Summary of Buildings

On 16 April and 19 May 2026 an experienced environmental scientist completed a site inspection of Lot 2044 and Lot 12, respectively, which involved walking over the site to identify potential sources of contamination. A summary of observations from the site inspection is provided in Table 2.2 below.

Table 0.2 Summary of General Site Inspection

| Item                                  | Detail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topography                            | The site generally slopes from the south to north.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Current layout                        | The site contains a network of historic buildings, carparks, driveways footpaths and open grass/ vegetated areas.<br>The site layout is shown in Figure 1 of <b>Appendix A</b> .                                                                                                                                                                                                                                                                                                                      |
| Surface condition                     | The majority of the site is covered by grass, sporadic established trees and unmaintained landscaping around the site buildings.<br>Asphalt pathways and driveways link buildings together throughout the site and there are several carparks.<br>Minor fragments of asbestos containing material were observed at the site surface between Building 43 and 44 and at Building 29.<br>Underground services including; natural gas, water, fire services, stormwater and communications were observed. |
| Access control/fencing                | Lot 2044 within Circular Drive has a complete perimeter fence from a combination of security and existing fencing.<br>Lot 12 is unfenced and accessible through the driveway accessing this area.                                                                                                                                                                                                                                                                                                     |
| Evidence of soil disturbance and fill | Evidence of minor soil disturbances and filling across the surface of site are evident and likely associated with levelling and construction of the site buildings, large northern brick fence and driveway/ pathways.                                                                                                                                                                                                                                                                                |

### 2.3.1 Summary of Potential for Contamination Across Site

Based on the review of NAA 2013, Greencap 2020 and work completed by Landserv to date, a summary of building description/ uses, and risk of contamination is provided in Table 2.3 below.

Table 0.3 Summary of Building Description/ Uses and Risk of Contamination

| Building/<br>Area | Recent Use                                                    | Historical Use (If Known)                                                                                   | Observations                                                                                                                                                                                                                                    | Potential for Contamination<br>(High, Medium, Low)                                                     |
|-------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Lot 2044</b>   |                                                               |                                                                                                             |                                                                                                                                                                                                                                                 |                                                                                                        |
| Building 1        | Vacant                                                        | Victoria University use: Hospitality training with public restaurant<br>Original use: Female Infirmary ward | Reasonable condition large building contains kitchen lecture rooms, bar rooms and industrial size kitchen, predominately brick surrounded by brick paving. Boiler plant observed in the courtyard (potentially associated with retrofitted gas) | Low to medium                                                                                          |
| Building 2        | Vacant                                                        | Victoria University use: Adult General Education<br>Original use: Female Admission & Special Wards          | Poor condition, contains renovated classrooms predominately brick surrounded by brick paving                                                                                                                                                    | Low                                                                                                    |
| Building 3        | Vacant                                                        | Victoria University use: Health Services<br>Original use: Hospital                                          | Reasonable condition, contains renovated classrooms and hall, predominately brick surrounded by brick paving                                                                                                                                    | Low                                                                                                    |
| Building 4        | Vacant                                                        | Victoria University use: Administration Building<br>Original use: Administration/Facilities                 | Reasonable condition, contains administrative rooms, predominately brick surrounded by brick paving                                                                                                                                             | Low                                                                                                    |
| Building 5        | Vacant, recent use of ground floor kitchenette by suite tours | Victoria University use: Cafeteria<br>Original use: Kitchen – double level with no internal access          | Reasonable condition, contains renovated rooms with walk-in vault in foyer                                                                                                                                                                      | Low                                                                                                    |
| Building 6        | Vacant, used for storage of numerous boxes, garden and        | Victoria University use: Workshop and storage shed<br>Original use: Boiler room                             | Reasonable condition, the building is predominately brick surrounded by brick paving and grass                                                                                                                                                  | High, due to boiler room, potential storage of fuel in bunded area and recorded exceedances of adopted |

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| Building/<br>Area | Recent Use              | Historical Use (If Known)                                                                                               | Observations                                                                                                                                                                                                                                                                          | Potential for Contamination<br>(High, Medium, Low)                                                                                                      |
|-------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | miscellaneous equipment |                                                                                                                         | A bounded area approximately 1.5m x 2.0m was noted in the north-west corner of the building                                                                                                                                                                                           | assessment criteria for B(a)P and TRH at targeted soil locations                                                                                        |
| Building 7        | Vacant                  | Victoria University use: VU Administration/ renovated classrooms<br>Original use: Hospital                              | Reasonable condition, predominately brick surrounded by brick paving                                                                                                                                                                                                                  | Low                                                                                                                                                     |
| Building 8        | Vacant                  | Victoria University use: Faculty of Business & Law/ renovated classrooms<br>Original use: Male Admission & Special Ward | Reasonable condition, contains renovated classrooms, predominately brick surrounded by brick paving                                                                                                                                                                                   | Low                                                                                                                                                     |
| Building 9        | Vacant                  | Victoria University use: Administration Building/ classrooms<br>Original use: Male Infirmary Ward                       | Reasonable condition, contains classrooms, predominately brick surrounded by brick paving                                                                                                                                                                                             | Low                                                                                                                                                     |
| Building 10       | Vacant                  | Victoria University use: Library<br>Original use: unknown                                                               | Good condition, predominately brick surrounded by brick paving                                                                                                                                                                                                                        | Low                                                                                                                                                     |
| Building 11       | Vacant                  | Victoria University use: Bookshop<br>Original use: unknown                                                              | Reasonable condition, predominately brick surrounded by asphalt surface and landscaping. An Underground Storage Tank (UST) identified on west side of building. Base of UST was dipped to be approximately 2 m bgl and contained product. The UST has an approximate volume of 2,5 kL | High, due to underground storage tank and recorded exceedances of adopted assessment criteria for lead, B(a)P and TRH at targeted soil locations of UST |
| Building 12       | Vacant                  | Victoria University use: Hall<br>Original use: Theatre and church                                                       | Good condition, predominately brick surrounded by brick paving                                                                                                                                                                                                                        | Low                                                                                                                                                     |
| Building 13       | Vacant                  | Victoria University use: Performing Arts<br>Original use: Mess Room                                                     | Good Condition, predominately brick surrounded by brick paving                                                                                                                                                                                                                        | Low                                                                                                                                                     |
| Building 14       | Vacant                  | Victoria University use: Convention Centre<br>Original use: unknown, potentially as 'Catoola Hostel'                    | Poor condition, contains classrooms, predominately brick surrounded by garden beds                                                                                                                                                                                                    | Low                                                                                                                                                     |

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| Building/<br>Area | Recent Use                                                               | Historical Use (If Known)                                                      | Observations                                                                                                                                                                   | Potential for Contamination<br>(High, Medium, Low)                                                                              |
|-------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Building 15       | Vacant                                                                   | Victoria University use: Computer Centre<br>Original use: Hospital             | Good condition, contains classrooms, predominately brick surrounded by garden beds                                                                                             | Low                                                                                                                             |
| Building 29       | Vacant                                                                   | Victoria University use: Teaching rooms<br>Original use: not applicable        | Good condition, predominately brick surrounded by garden beds                                                                                                                  | Low                                                                                                                             |
| Building 31-34    | Rotundas                                                                 | Victoria University use: Rotunda<br>Original use: Rotunda                      | Good condition, the brick and wood construction                                                                                                                                | Low                                                                                                                             |
| Building 41-42    | Toilet Blocks                                                            | Victoria University use: toilet block<br>Original use: n/a                     | Vacant, predominately brick                                                                                                                                                    | Low                                                                                                                             |
| Building 43       | Workshop/ shed                                                           | Victoria University use: Workshop/ shed<br>Original use: unknown               | Shed/ workshop building with 5 bays. Currently used and associated with site grounds maintenance                                                                               | Medium, due to fill and potential minor refuelling of garden equipment/ tractor                                                 |
| Building 44       | Electricity Distribution Substation                                      | Unknown                                                                        | Condition unknown                                                                                                                                                              | Medium                                                                                                                          |
| Campus Grounds    | Mostly grass with sporadic trees and pathways                            | n/a                                                                            | Underground services observed include gas, water, fire services, stormwater, sewer, electricity and communications.                                                            | High, due to recorded exceedances of adopted assessment criteria for PAHs and Lead in various locations across the site grounds |
| <b>Lot 12</b>     |                                                                          |                                                                                |                                                                                                                                                                                |                                                                                                                                 |
| Building 25       | Vacant, previously labelled grape research centre and used by site tours | Victoria University use: Office, laboratory, cool room<br>Original use: Morgue | Good condition, predominately made of brick surrounded by bitumen roadway and grass. A carport was observed on the western side of the building noted to contain potential ACM | Medium                                                                                                                          |

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| Building/<br>Area | Recent Use                                                                  | Historical Use (If Known)                                                    | Observations                                                                                                                                                                                                                                                      | Potential for Contamination<br>(High, Medium, Low)                                                                                                   |
|-------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Building 26       | Vacant                                                                      | Victoria University use: Department of Music, TAFE<br>Original use: unknown  | Predominately constructed of brick and surrounded with grass. Contains individual offices                                                                                                                                                                         | Low                                                                                                                                                  |
| Building 27       | Vacant residence previously labelled Caloola House / U3A Community Facility | Victoria University use: Teaching rooms<br>Original use: unknown             | Predominately constructed of painted wooden weather boards and surrounded by paved areas and grass.<br>A rectangle concrete slab was located on the western side of the building. Potentially associated with a former above ground storage tank (AST) or carport | Low to medium<br>Soil analytical results indicate the potential AST area did not record elevated concentrations of potential contaminants of concern |
| Building 28       | Fire Service Plant                                                          | Victoria University use: Fire service plant/ pump house<br>Original use: n/a | Metal cage on a combination of concrete slab and earthen base. Contains an electric and backup diesel pump, minor diesel fuel storage in a drum was observed                                                                                                      | Low to Medium, due to minor fuel storage                                                                                                             |
| Campus Grounds    | Mostly grass with sporadic trees and pathways                               | n/a                                                                          | Underground services observed include gas, water, fire services, stormwater, sewer, electricity and communications                                                                                                                                                | High, due to recorded exceedances of adopted assessment criteria for PAHs, TRH and Lead in various locations across the site grounds                 |

## **2.4 Summary of Potential Contaminating Activities**

### **2.4.1 Onsite**

Onsite sources of potential contamination were identified as historical imported fill used to level and shape the site, including beneath buildings. Potential point sources include an underground storage tank (UST) and the boiler room at Building 11 and Building 6, respectively. Additional diffuse sources may include asbestos-containing materials (ACM) (including underground services), lead-based paint, and the application of herbicides and pesticides associated with site maintenance.

The primary contaminants of potential concern include heavy metals (particularly lead), carcinogenic PAHs, volatile compounds, petroleum hydrocarbons, organochlorine and organophosphorus pesticides, and asbestos.

### **2.4.2 Offsite**

Off-site sources of potential contamination were associated with underground storage tanks, boiler house operations (including coal/fuel storage and combustion), laundry facilities, mechanical workshops, asbestos-containing materials (including services), lead-based paint and fixtures, and former land uses such as a golf course and agricultural activities. Building demolition and placement of fill soils were also identified as potential contributors.

Primary contaminants of concern include heavy metals (particularly lead), carcinogenic PAHs, volatile compounds, petroleum hydrocarbons, asbestos, solvents, PFAS, soaps and lye, and organochlorine/organophosphorus pesticides.

### 3 SOIL ASSESSMENT GUIDELINES

The Environment Reference Standard (ERS) (2021) under the *Environment Protection Act 2017* sets out the regulatory framework for the prevention and management of contaminated land environment within the State of Victoria.

Lot 2044 and Lot 12 are proposed to be rezoned to a Mixed-Use Zone, which may accommodate a range of land uses including residential, commercial and light industrial. For the purposes of this review, sensitive use criteria have been adopted as part of an initial Tier 1 assessment to inform potential constraints and suitability considerations, having regard to the most sensitive potential future land uses.

The ERS (2021) defines the environmental values of the land environment to be protected under a sensitive land use category to include:

- Maintenance of ecosystems (modified and highly modified ecosystems);
- Human health;
- Buildings and structures;
- Aesthetics; and
- Production of food, flora and fibre.

The National Environment Protection (Assessment of Site Contamination) Measure (NEPM), as amended 2013 provides guidance on the process for assessing contaminated land and provides various assessment screening criteria for the protection of human-health and ecological environmental values. The NEPM is given effect in the State of Victoria through the ERS (2021).

When selecting the appropriate assessment screening criteria for the soil contamination assessment, the geology, and properties of the soil at the site must be considered.

The following NEPM 2013 soil assessment screening criteria were adopted:

- Health Investigation Levels (HILs) – A Residential, Table 1A(1)
- Health Screening Levels (HSLs) – A Residential, Table 1A(3)
- Ecological Investigation Levels (EILs) – Urban Residential and Public Open Space, coarse grained soil, Table 1B(1) to Table 1B(5) (generic and conservative ACL)
- Ecological Screening Levels (ESLs) – Urban Residential and Public Open Space, coarse grained soil, 0-2m BGL, Table 1B(6)
- Management Limits (MLs) – Residential, Parkland and Public Open Space, coarse grained soil, Table 1B(7).

To assess the site soils against the environmental value of 'Buildings and structures', soil pH results have been compared to criteria for concrete and metal piles in soil specified in Australian Standard 2159-2009 *Piling Design & Installation*.

The relevant PFAS criteria for classification pertain to Table 5 of the HEPA PFAS National Environment Management Plan Version 3.0 (2025). Table 5 sets out the PFAS (Sum of PFOS + PFHxS and PFOA) human health investigation levels for soil and Table 6 sets out the ecological guideline values for soil.

The adopted values of the assessment criteria are included in Table 1, in **Appendix B**.

## 4 SOIL CONTAMINATION STATUS

### 4.1 Review of Soil Analytical Results

The results of soil laboratory analysis were compared against the adopted assessment criteria and presented in Table 1 of **Appendix B**. At the time of the Site Contamination Review, Landserv had only obtained analytical results for Lot 2044.

The soil investigation from Lot 2044 reported exceedances of the adopted assessment criteria for human and ecological health.

Elevated concentrations of lead, TRH and B(a)P were generally reported within shallow fill around existing buildings and within areas of localised filling. Additionally, samples collected adjacent to the UST at Building 11 reported concentration of hydrocarbons in exceedance of the adopted NEPM vapour intrusion criteria for the protection of human health under a sensitive land use at 0.1 and 1.0 m bgl.

No exceedances were reported within the south and southwest portion of Lot 2044 encompassing Buildings 12, 14, 15, 29, 43 and 44.

A summary of soil data from soils sampled against the adopted assessment criteria under a sensitive land use setting (NEPM ecological and human health guidelines) is presented in Table 5.1 below.

Table 4.1 – Summary of Reported Soil Exceedances across Lot 2044 and Lot 12

| Location | Target Area        | Depth (m bgl)     | Exceedance of Adopted Assessment Criteria Reported (✓/ X) |             |               |               |               |        |
|----------|--------------------|-------------------|-----------------------------------------------------------|-------------|---------------|---------------|---------------|--------|
|          |                    |                   | HIL A                                                     | HSL A       | EIL Urban Res | ESL Urban Res | MLs Urban Res |        |
| Lot 2044 |                    |                   |                                                           |             |               |               |               |        |
| BH01     | Building 11        | 0.1<br>1.0        | X<br>X                                                    | X<br>-      | X<br>X        | X<br>-        | X<br>-        |        |
| BH02     | UST at Building 11 | 0.1<br>1.0        | X<br>X                                                    | ✓<br>✓      | X<br>X        | ✓<br>✓        | ✓<br>X        |        |
| BH03     |                    | 0.1               | ✓                                                         | X           | X             | ✓             | X             |        |
| BH04     | Building 6         | 0.1<br>0.5        | X<br>X                                                    | X<br>-      | X<br>X        | X<br>-        | X<br>-        |        |
| BH05     |                    | 0.1<br>0.5<br>1.0 | ✓<br>✓<br>✓                                               | X<br>X<br>X | X<br>X<br>X   | ✓<br>✓<br>✓   | X<br>X<br>X   |        |
|          |                    | BH06              | 0.1<br>0.5                                                | ✓<br>✓      | X<br>-        | X<br>X        | ✓<br>✓        | X<br>X |
|          |                    |                   | BH07                                                      | 0.1<br>1.0  | X<br>X        | X<br>-        | X<br>X        | X<br>- |
| BH08     |                    | 0.1               |                                                           | X           | X             | X             | X             | X      |
|          |                    | BH09              |                                                           | 0.1<br>1.0  | X<br>X        | X<br>-        | X<br>X        | X<br>- |
| BH10     | Building 10        |                   | 0.1<br>1.5                                                | X<br>X      | X<br>-        | X<br>X        | ✓<br>-        | X<br>X |

| Location | Target Area          | Depth (m bgl) | Exceedance of Adopted Assessment Criteria Reported (✓/ X) |        |               |               |               |
|----------|----------------------|---------------|-----------------------------------------------------------|--------|---------------|---------------|---------------|
|          |                      |               | HIL A                                                     | HSL A  | EIL Urban Res | ESL Urban Res | MLs Urban Res |
| BH11     | Campus grounds       | 0.1           | X                                                         | X      | X             | ✓             | X             |
| BH12     |                      | 0.1<br>1.0    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH13     | Building 29          | 0.1           | X                                                         | X      | X             | X             | X             |
| BH14     | Building 12          | 0.1           | X                                                         | X      | X             | X             | X             |
| BH15     | Campus grounds       | 0.1<br>0.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH16     |                      | 0.1<br>1.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>X        |
| BH17     | Building 15          | 0.1<br>1.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH18     | Demolished structure | 0.1           | X                                                         | X      | X             | X             | X             |
| BH19     | Building 43          | 0.1<br>0.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH20     |                      | 0.1<br>0.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH21     |                      | 0.1<br>0.5    | X<br>X                                                    | -<br>X | X<br>X        | -<br>X        | -<br>X        |
| BH22     |                      | 0.1<br>1.5    | X<br>X                                                    | X<br>- | X<br>X        | X<br>-        | X<br>-        |
| BH23     | Campus grounds       | 0.1           | X                                                         | X      | X             | X             | X             |
| BH24     |                      | 0.1<br>0.5    | X<br>X                                                    | X<br>- | X<br>X        | ✓<br>-        | X<br>-        |
| BH25     | Building 15          | 0.1<br>0.5    | X<br>X                                                    | -<br>- | X<br>X        | -<br>-        | -<br>-        |
| BH26     |                      | 0.1<br>0.3    | X<br>X                                                    | X<br>- | X<br>X        | ✓<br>-        | X<br>-        |
| BH27     | Building 5           | 0.1           | X                                                         | X      | X             | X             | X             |
| BH28     | Building 3           | 0.1           | X                                                         | X      | ✓             | X             | X             |
| BH29     |                      | 0.1           | ✓                                                         | X      | X             | ✓             | X             |
| BH30     | Building 33          | 0.1<br>0.3    | ✓<br>X                                                    | -<br>- | X<br>X        | -<br>-        | -<br>-        |
| BH31     |                      | 0.1<br>0.3    | ✓<br>✓                                                    | X<br>- | X<br>X        | ✓<br>-        | X<br>-        |
| BH32     | Building 42          | -             | -                                                         | -      | -             | -             | -             |
| BH33     | Building 34          | 0.1           | ✓                                                         | X      | X             | ✓             | X             |
| BH34     | Building 2           | 0.1<br>0.3    | X<br>X                                                    | -<br>- | X<br>X        | -<br>-        | -<br>-        |
| BH35     |                      | 0.1           | X                                                         | X      | X             | ✓             | X             |

| Location | Target Area          | Depth (m bgl) | Exceedance of Adopted Assessment Criteria Reported (✓ / X) |       |               |               |               |
|----------|----------------------|---------------|------------------------------------------------------------|-------|---------------|---------------|---------------|
|          |                      |               | HIL A                                                      | HSL A | EIL Urban Res | ESL Urban Res | MLs Urban Res |
| BH36     | Campus grounds       | 0.1           | X                                                          | -     | X             | -             | -             |
|          |                      | 0.3           | X                                                          | -     | X             | -             | -             |
| BH37     | Building 1           | 0.1           | X                                                          | X     | X             | ✓             | X             |
|          |                      | 0.5           | X                                                          | -     | X             | -             | -             |
| BH38     |                      | 0.1           | X                                                          | X     | X             | ✓             | X             |
|          |                      | 0.3           | X                                                          | -     | X             | -             | -             |
| BH39     | Demolished structure | 0.1           | X                                                          | X     | X             | X             | X             |
| BH40     | Building 13          | 0.1           | X                                                          | X     | X             | X             | X             |
| BH41     | Campus grounds       | 0.1           | X                                                          | X     | X             | X             | X             |
| BH42     | Building 44          | 0.1           | X                                                          | -     | X             | -             | -             |
|          |                      | 0.5           | X*                                                         | -     | -             | -             | -             |
| BH43     |                      | 0.1           | X                                                          | X     | X             | X             | X             |
| BH44     | Building 14          | 0.1           | X                                                          | X     | X             | X             | X             |
| BH45     |                      | 0.1           | X                                                          | X     | X             | X             | X             |
|          |                      | 0.5           | -                                                          | -     | -             | -             | -             |
| BH46     | Building 13          | 0.1           | X                                                          | X     | X             | X             | X             |
| BH47     | Campus grounds       | 0.1           | ✓                                                          | X     | X             | X             | X             |
|          |                      | 0.4           | X                                                          | -     | -             | -             | -             |
| BH48     | Building 4           | 0.1           | X                                                          | X     | X             | X             | X             |
| BH49     | Campus grounds       | 0.1           | ✓                                                          | -     | X             | ✓             | -             |
|          |                      | 0.5           | ✓                                                          | -     | X             | ✓             | -             |
| BH50     | Building 32          | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
| BH51     | Building 41          | 0.1           | ✓                                                          | -     | X             | -             | -             |
|          |                      | 0.2           | X                                                          | -     | X             | -             | -             |
| BH52     | Building 7           | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
| BH53     | Building 8           | 0.1           | X                                                          | X     | X             | ✓             | X             |
|          |                      | 0.3           | X                                                          | -     | X             | -             | -             |
| BH54     | Building 31          | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
| BH55     | Building 8           | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
|          |                      | 0.4           | X                                                          | -     | X             | -             | -             |
| BH56     | Campus grounds       | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
| BH57     |                      | 0.1           | X                                                          | X     | X             | X             | X             |
|          |                      | 0.3           | X                                                          | -     | X             | -             | -             |
| BH58     | Building 9           | 0.1           | X                                                          | X     | X             | X             | X             |
| BH59     |                      | -             | -                                                          | -     | -             | -             | -             |
| BH60     | Campus grounds       | 0.1           | ✓                                                          | X     | X             | ✓             | X             |
|          |                      | 0.5           | X                                                          | -     | X             | X             | -             |

| Location                                                              | Target Area | Depth (m bgl) | Exceedance of Adopted Assessment Criteria Reported (✓/ X) |       |               |               |               |
|-----------------------------------------------------------------------|-------------|---------------|-----------------------------------------------------------|-------|---------------|---------------|---------------|
|                                                                       |             |               | HIL A                                                     | HSL A | EIL Urban Res | ESL Urban Res | MLs Urban Res |
| Note:                                                                 |             |               |                                                           |       |               |               |               |
| ‘-’ Sample only analysed for metals / no analysis of PAHs and/ or TRH |             |               |                                                           |       |               |               |               |
| ‘**’ Sample only analysed for PCBs                                    |             |               |                                                           |       |               |               |               |

#### 4.1.1 Aesthetic Impact / ACM

ACM fragments were identified within the fill at BH05 and BH06 targeting Building 6 and on the surface between Building 43 and 44 and at Building 29. Several fragments were submitted for laboratory analysis and confirmed the presence of Chrysotile, Crocidolite and Amosite asbestos fibres.

Additionally, mapping of underground services confirmed presence of one asbestos containing service and it was conservatively assumed that all underground services at the site were asbestos containing.

## **5 SITE CONTAMINATION REVIEW CONCLUSIONS**

This Site Contamination Review has been prepared to address Planning Practice Note 30 (PPN30), including the methodology and outcomes outlined in Appendix 2, to support the planning scheme amendment process.

### **5.1 Assessment of Contamination Status Against Land-Use Criteria**

The assessment of available soil analytical data indicates that contamination is present at the site, primarily within shallow fill and in localised deeper soils (notably at Building 6 and the underground storage tank (UST) area at Building 11). Reported concentrations of contaminants exceed relevant assessment criteria for the protection of human health and the environment under a sensitive land use scenario, indicating that the site does not currently meet criteria for sensitive uses without further assessment and/or remediation.

### **5.2 Consideration Under Ministerial Direction No. 1 and PPN30**

Based on the findings of this review, the site is considered to be potentially contaminated land as defined under Ministerial Direction No. 1 – Potentially Contaminated Land and Clause 73.01 of the Victoria Planning Provisions. This classification reflects historical activities with a high potential for contamination, including the storage of liquid fuel (USTs) and the presence of historical imported fill, which represent activities that may have caused contamination.

In accordance with Table 2 of PPN30, the presence of historical activities with a 'high' potential for contamination, together with confirmed contamination exceeding relevant land-use criteria, indicates that a Preliminary Risk Screening Assessment (PRSA) or environmental audit would be required to demonstrate the suitability of the land for any sensitive use.

### **5.3 Suitability for Sensitive Land Use and Audit Considerations**

Notwithstanding the presence of contamination, the site can be made suitable for sensitive land uses, subject to further detailed assessment, remediation and/or implementation of appropriate management measures. Suitability would need to be demonstrated through the environmental audit process.

However, it is considered difficult and impractical to undertake a full environmental audit at this stage due to the presence of existing buildings (including those subject to heritage overlay) and site infrastructure, which constrain intrusive investigation and prevent full delineation of contamination. In addition, proposed precinct boundaries and future land uses are not aligned with current title boundaries and zoning, limiting the ability to complete a definitive audit for final land use outcomes at this stage.

In accordance with PPN30, where land has been determined to be potentially contaminated, but it is difficult or inappropriate to complete an environmental audit at the amendment stage, the application of an Environmental Audit Overlay (EAO) is appropriate. The EAO would enable staged assessment, remediation and management of contamination, ensuring the land can be demonstrated to be suitable for its intended use prior to development.

## 6 LIMITATIONS

This report has been prepared only for internal use by DTP. No other parties should rely on the information in this report without prior written consent from DTP and Landserv Pty Limited.

Landserv has performed its services in accordance with a scope of work commissioned by DTP and in a manner consistent with the level of quality and skill generally exercised by members of its profession.

It should be noted that geological, environmental and contamination conditions often vary from those observed at the locations where investigation data has been obtained. Limited data can result in uncertainty in the interpretation of geological, environmental and contamination conditions. Interpreting the environmental condition of the soil for this project has been limited to the results. Geological, hydrogeological, environmental and contamination conditions also often vary with the passing of time after the data is obtained, as do regulatory requirements, laws and guideline criteria.

Exposure to the sub-surface environment can potentially corrode or degrade underground services, building foundations and other below-ground man-made structures, whether contamination is present or not. This investigation does not warrant the design, installation, protection or longevity of any future infrastructure built on the subject Site.

Despite Landserv's due professional care, all of these uncertainties should be considered in relying and acting on the information contained in our reports. This is particularly so if few locations have been sampled, if a report is used after a significant delay in time, if regulations and guideline criteria are known to have changed, or if a change is proposed to the land use for the Site.

Opinions and recommendations in our reports are based on the information available to Landserv at the time of undertaking the works, including the information gained during the project. The information we report relating to the condition of the subject Site for each project is considered to be sufficiently accurate for the purposes stated in the report at the time the document is issued. No warranty of site conditions is intended.

## 7 REFERENCES

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Victorian Planning Authority (VPA) (2017), *Jacksons Hill Adaptive Re-Use Study*, 7 December 2017.

## 8 ABBREVIATIONS

|      |                                           |
|------|-------------------------------------------|
| AHD  | Australian Height Datum                   |
| AS   | Australia Standard                        |
| AST  | Above Ground Storage Tank                 |
| BaP  | Benzo(a)Pyrene                            |
| bgl  | Below Ground Level                        |
| BH   | Bore Hole                                 |
| BTEX | Benzene, Toluene, Ethylbenzene, Xylenes   |
| COPC | Contaminant of Potential Concern          |
| DSI  | Detailed Site Investigation               |
| EIL  | Ecological Investigation Level            |
| EPA  | Environment Protection Authority          |
| EQL  | Estimated Quantitation Limit              |
| ERS  | Environmental Reference Standard          |
| ESL  | Environmental Screening Level             |
| HIL  | Health Investigation Level                |
| HSL  | Health Screening Level                    |
| LOR  | Limit of reporting                        |
| MGA  | Map Grid of Australia                     |
| MAH  | Monocyclic Aromatic Hydrocarbons          |
| ML   | Management Limit                          |
| NATA | National Authority of Testing Authorities |
| NEPM | National Environment Protection Measure   |
| OCP  | Organochlorine Pesticides                 |
| OPP  | Organophosphorus Pesticides               |
| PAH  | Polycyclic Aromatic Hydrocarbons          |
| PCB  | Polychlorinated Biphenyl                  |
| PSI  | Preliminary Site Investigation            |
| QA   | Quality Assurance                         |
| QC   | Quality Control                           |
| TDS  | Total Dissolved Solids                    |
| TPH  | Total Petroleum Hydrocarbons              |
| TRH  | Total Recoverable Hydrocarbons            |
| UST  | Underground Storage Tank                  |

# Appendix A

## Figures







## **Appendix B**

# **Tabulated Laboratory Results**

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Leti Jackson Hill, Sunbury

PROJECT NUMBER: L30482

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| Lab Report Number | Sample Code       | Field ID | Date        | Asenic | Cadmium | Chromium (hexavalent) | Chromium (III+VI) | Copper | Lead | ASLP Lead (Acetate   DI Water) | Mercury | Molybdenum | Nickel | Selenium | Silver | Tin | Zinc |
|-------------------|-------------------|----------|-------------|--------|---------|-----------------------|-------------------|--------|------|--------------------------------|---------|------------|--------|----------|--------|-----|------|
| 26-31607          | 26-31607_12524043 | BH0170.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 38                | 24     | <5   | -                              | <0.05   | -          | 75     | -        | -      | -   | 60   |
| 26-31607          | 26-31607_12524045 | BH0171.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 60                | 13     | 9    | -                              | <0.05   | <5         | 39     | <3       | <5     | <5  | 32   |
| 26-31607          | 26-31607_12524046 | BH0270.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 19                | 9      | <5   | -                              | <0.05   | -          | 29     | -        | -      | -   | 31   |
| 26-31607          | 26-31607_12524048 | BH0271.0 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 6      | 7    | -                              | <0.05   | <5         | 14     | <3       | <5     | <5  | 26   |
| 26-31607          | 26-31607_12524049 | BH0300.1 | 29 Apr 2026 | <5     | 0.4     | -                     | 37                | 30     | 330  | -                              | 0.1     | -          | 39     | -        | -      | -   | 390  |
| 26-31607          | 26-31607_12524051 | BH0301.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 30                | 29     | 59   | -                              | 0.08    | -          | 66     | -        | -      | -   | 60   |
| 26-31607          | 26-31607_12524052 | BH0302.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 33                | 28     | 21   | -                              | <0.05   | <5         | 61     | <3       | <5     | <5  | 47   |
| 26-31607          | 26-31607_12524053 | BH0303.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 19                | 35     | 28   | -                              | <0.05   | -          | 56     | -        | -      | -   | 58   |
| 26-31607          | 26-31607_12524054 | BH0370.1 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 25     | 15   | -                              | <0.05   | <5         | 54     | <3       | <5     | <5  | 88   |
| 26-33301          | 26-33301_12586683 | BH0371.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 29                | 31     | 13   | -                              | <0.05   | <5         | 72     | <3       | <5     | <5  | 91   |
| 26-31607          | 26-31607_12524056 | BH0600.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 28                | 30     | 44   | -                              | <0.05   | -          | 48     | -        | -      | -   | 59   |
| 26-31607          | 26-31607_12524057 | BH0601.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 18                | 20     | 26   | -                              | <0.05   | <5         | 26     | <3       | <5     | <5  | 42   |
| 26-31607          | 26-31607_12524058 | BH0700.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 30                | 37     | 15   | -                              | <0.05   | <5         | 110    | -        | -      | -   | 46   |
| 26-31607          | 26-31607_12524059 | BH0701.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 34                | 43     | <5   | -                              | <0.05   | <5         | 120    | <3       | <5     | <5  | 39   |
| 26-31607          | 26-31607_12524061 | BH0900.1 | 29 Apr 2026 | <5     | <0.2    | <1                    | 4                 | 18     | 8    | -                              | 0.05    | <5         | 57     | <3       | <5     | <5  | 37   |
| 26-31607          | 26-31607_12524062 | BH0901.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 57                | 19     | 11   | -                              | 0.12    | <5         | 40     | <3       | <5     | <5  | 41   |
| 26-31607          | 26-31607_12524063 | BH0901.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 43                | 19     | 54   | -                              | 0.12    | <5         | 38     | -        | -      | -   | 54   |
| 26-31607          | 26-31607_12524071 | BH1001.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 51                | 21     | 6    | -                              | <0.05   | <5         | 85     | <3       | <5     | <5  | 36   |
| 26-31607          | 26-31607_12524072 | BH1101.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 37                | 19     | 99   | -                              | 0.12    | -          | 37     | -        | -      | -   | 79   |
| 26-31607          | 26-31607_12524073 | BH1201.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 56                | 18     | 23   | -                              | 0.05    | -          | 45     | -        | -      | -   | 34   |
| 26-31607          | 26-31607_12524074 | BH1201.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 40                | 18     | 5    | -                              | <0.05   | <5         | 41     | <3       | <5     | <5  | 44   |
| 26-31607          | 26-31607_12524077 | BH1301.0 | 29 Apr 2026 | <5     | <0.2    | -                     | 54                | 25     | 130  | -                              | 0.09    | <5         | 42     | <3       | <5     | <5  | 100  |
| 26-31607          | 26-31607_12524080 | BH1300.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 49                | 19     | 110  | -                              | 0.11    | -          | 38     | -        | -      | -   | 100  |
| 26-31607          | 26-31607_12524082 | BH1301.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 49                | 23     | 8    | -                              | <0.05   | -          | 45     | -        | -      | -   | 39   |
| 26-31607          | 26-31607_12524083 | BH1300.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 51                | 26     | <5   | -                              | <0.05   | <5         | 47     | <3       | <5     | <5  | 43   |
| 26-31607          | 26-31607_12524084 | BH1600.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 50                | 16     | 48   | -                              | <0.05   | <5         | 45     | -        | -      | -   | 43   |
| 26-31607          | 26-31607_12524087 | BH1601.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 54                | 17     | 8    | -                              | <0.05   | <5         | 49     | <3       | <5     | <5  | 39   |
| 26-31607          | 26-31607_12524088 | BH1700.1 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 14     | 170  | -                              | 0.14    | <5         | 39     | <3       | <5     | <5  | 36   |
| 26-31607          | 26-31607_12524091 | BH1711.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 44                | 21     | 13   | -                              | 0.06    | <5         | 46     | <3       | <5     | <5  | 43   |
| 26-31607          | 26-31607_12524092 | BH1800.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 37                | 18     | 61   | -                              | 0.08    | -          | 42     | -        | -      | -   | 62   |
| 26-31607          | 26-31607_12524095 | BH1901.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 49                | 16     | 14   | -                              | <0.05   | <5         | 31     | -        | -      | -   | 36   |
| 26-31607          | 26-31607_12524096 | BH1901.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 57                | 15     | 10   | -                              | <0.05   | <5         | 44     | <3       | <5     | <5  | 36   |
| 26-31607          | 26-31607_12524098 | BH2001.1 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 14     | 10   | -                              | <0.05   | <5         | 34     | <3       | <5     | <5  | 31   |
| 26-31607          | 26-31607_12524099 | BH2001.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 55                | 16     | 11   | -                              | <0.05   | <5         | 39     | <3       | <5     | <5  | 35   |



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

|                                                                                                    | Metals |         |                       |                   |        |       |                                |         |            |        |          |        |
|----------------------------------------------------------------------------------------------------|--------|---------|-----------------------|-------------------|--------|-------|--------------------------------|---------|------------|--------|----------|--------|
|                                                                                                    | Asenic | Cadmium | Chromium (hexavalent) | Chromium (III+VI) | Copper | Lead  | ASLP Lead (Acetate   DI Water) | Mercury | Molybdenum | Nickel | Selenium | Silver |
|                                                                                                    | mg/kg  | mg/kg   | mg/kg                 | mg/kg             | mg/kg  | mg/kg | mg/L                           | mg/kg   | mg/kg      | mg/kg  | mg/kg    | mg/kg  |
| EQCL                                                                                               | 5      | 0.2     | 1                     | 5                 | 5      | 5     | 0.01                           | 0.05    | 5          | 5      | 3        | 5      |
| NEPM 2013 Table 1B(1) - 1B(5) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.Os | 100    |         |                       | 60                | 60     | 1,100 |                                |         | 300*       |        |          |        |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| >=0m, <1m                                                                                          |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| >=1m, <2m                                                                                          |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| NEPM 2013 Table 1A(1) HLLs Res A Soil                                                              | 100    | 20      | 100                   | 6,000             | 6,000  | 300   |                                | 40      | 400        | 200    |          |        |
| NEPM 2013 Table 1B(6) ESIs for Urban Res, Coarse Soil >=0m, <2m                                    |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| NEPM 2013 Table 1B(7) Management Units in Res / Portland, Coarse Soil                              |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| PFAS NEPM 2025 HIL A Residential with garden/accessible soil                                       |        |         |                       |                   |        |       |                                |         |            |        |          |        |
| AS2159 [2009] Pilling - Design and Installation                                                    |        |         |                       |                   |        |       |                                |         |            |        |          |        |

| Lab Report Number | Sample Code       | Field ID | Date        | Asenic | Cadmium | Chromium (hexavalent) | Chromium (III+VI) | Copper | Lead | ASLP Lead (Acetate   DI Water) | Mercury | Molybdenum | Nickel | Selenium | Silver | Tin | Zinc |
|-------------------|-------------------|----------|-------------|--------|---------|-----------------------|-------------------|--------|------|--------------------------------|---------|------------|--------|----------|--------|-----|------|
| 26-31 607         | 26-31607_12524102 | BH21/0.1 | 29 Apr 2026 | <5     | <0.2    | -                     | 50                | 18     | 31   | -                              | 0.06    | <5         | 38     | <3       | <5     | <5  | 30   |
| 26-31 607         | 26-31607_12524103 | BH21/0.5 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 16     | 38   | -                              | 0.05    | <5         | 45     | <3       | <5     | -   | 46   |
| 26-31 607         | 26-31607_12524106 | BH22/0.1 | 29 Apr 2026 | <5     | <0.2    | <1                    | -                 | 31     | 11   | -                              | 0.07    | <5         | 67     | <3       | <5     | <5  | 28   |
| 26-31 607         | 26-31607_12524109 | BH22/1.5 | 29 Apr 2026 | <5     | <0.2    | -                     | 28                | 26     | <5   | -                              | <0.05   | <5         | 89     | <3       | <5     | <5  | 36   |
| 26-31 607         | 26-31607_12524110 | BH23/0.1 | 30 Apr 2026 | <5     | 0.3     | -                     | 44                | 20     | 41   | -                              | <0.05   | -          | 38     | -        | -      | -   | 51   |
| 26-31 607         | 26-31607_12524112 | BH23/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 44                | 23     | 99   | -                              | 0.13    | -          | 36     | -        | -      | -   | 60   |
| 26-31 607         | 26-31607_12524113 | BH23/0.5 | 30 Apr 2026 | <5     | <0.2    | -                     | 63                | 22     | 23   | -                              | <0.05   | <5         | 38     | <3       | <5     | <5  | 30   |
| 26-31 607         | 26-31607_12524114 | BH23/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 39                | 22     | 150  | -                              | 0.09    | <5         | 28     | <3       | <5     | <5  | 100  |
| 26-31 607         | 26-31607_12524115 | BH23/0.5 | 30 Apr 2026 | <5     | <0.2    | -                     | 57                | 18     | 81   | -                              | 0.15    | <5         | 39     | <3       | <5     | <5  | 61   |
| 26-31 607         | 26-31607_12524116 | BH26/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 34                | 20     | 39   | -                              | <0.05   | -          | 27     | -        | -      | -   | 57   |
| 26-31 607         | 26-31607_12524117 | BH26/0.3 | 30 Apr 2026 | <5     | <0.2    | -                     | 41                | 21     | 110  | -                              | 0.08    | <5         | 33     | <3       | <5     | 10  | 100  |
| 26-31 607         | 26-31607_12524118 | BH27/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 29                | 17     | 62   | -                              | <0.05   | -          | 26     | -        | -      | -   | 72   |
| 26-31 607         | 26-31607_12524120 | BH28/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 44                | 110    | 30   | -                              | 0.16    | <5         | 32     | <3       | <5     | <5  | 120  |
| 26-31 607         | 26-31607_12524122 | BH28/0.1 | 30 Apr 2026 | <5     | 0.2     | -                     | 38                | 27     | 26   | -                              | 0.16    | <5         | 46     | <3       | <5     | <5  | 110  |
| 26-31 607         | 26-31607_12524123 | BH30/0.3 | 30 Apr 2026 | <5     | 0.6     | -                     | 32                | 28     | 380  | -                              | 0.11    | <5         | 44     | <3       | <5     | <5  | 84   |
| 26-31 607         | 26-31607_12524125 | BH31/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 30                | 19     | 500  | 0.11   0.29                    | 0.09    | <5         | 32     | <3       | <5     | <5  | 140  |
| 26-31 607         | 26-31607_12524126 | BH31/0.3 | 30 Apr 2026 | <5     | 0.2     | -                     | 28                | 19     | 320  | 0.11   0.29                    | 0.06    | <5         | 32     | <3       | <5     | <5  | 130  |
| 26-31 607         | 26-31607_12524128 | BH32/0.1 | 30 Apr 2026 | <5     | 0.2     | -                     | 29                | 16     | 180  | -                              | <0.05   | -          | 24     | -        | -      | -   | 350  |
| 26-31 607         | 26-31607_12524130 | BH32/0.1 | 30 Apr 2026 | <5     | 1.0     | -                     | 29                | 16     | 110  | -                              | 0.17    | <5         | 29     | <3       | <5     | <5  | 63   |
| 26-31 607         | 26-31607_12524131 | BH32/0.3 | 30 Apr 2026 | <5     | 1.0     | -                     | 31                | 17     | 120  | -                              | 0.16    | <5         | 32     | <3       | <5     | <5  | 60   |
| 26-31 607         | 26-31607_12524132 | BH32/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 31                | 19     | 67   | -                              | 0.10    | -          | 28     | -        | -      | -   | 84   |
| 26-31 607         | 26-31607_12524134 | BH32/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 43                | 31     | 66   | -                              | 0.10    | <5         | 61     | <3       | <5     | <5  | 62   |
| 26-31 607         | 26-31607_12524135 | BH32/0.3 | 30 Apr 2026 | <5     | <0.2    | -                     | 36                | 29     | 31   | -                              | 0.06    | <5         | 41     | <3       | <5     | <5  | 47   |
| 26-31 607         | 26-31607_12524136 | BH32/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 38                | 24     | 85   | -                              | 0.06    | <5         | 39     | <3       | <5     | -   | 140  |
| 26-31 607         | 26-31607_12524137 | BH32/0.5 | 30 Apr 2026 | <5     | <0.2    | -                     | 54                | 24     | 33   | -                              | 0.08    | <5         | 62     | <3       | <5     | <5  | 41   |
| 26-31 607         | 26-31607_12524138 | BH38/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 33                | 18     | 46   | -                              | 0.07    | -          | 30     | <3       | <5     | -   | 71   |
| 26-31 607         | 26-31607_12524139 | BH38/0.3 | 30 Apr 2026 | 5      | <0.2    | -                     | 31                | 15     | 47   | -                              | 0.07    | <5         | 32     | <3       | <5     | <5  | 47   |
| 26-31 607         | 26-31607_12524140 | BH39/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 40                | 23     | 54   | -                              | 0.06    | <5         | 47     | -        | -      | -   | 60   |
| 26-31 607         | 26-31607_12524142 | BH40/0.1 | 30 Apr 2026 | <5     | <0.2    | -                     | 20                | 9      | 39   | -                              | <0.05   | -          | 16     | -        | -      | -   | 42   |



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

Landserv

Environment

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hill, Sunbury

PROJECT NUMBER: SQ0482

NEPM 2013 Table 1B(1) - 1B(5) Generic and Site Specific\* EL and Conservative ACL – Urb Res./Pub.OS

NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

>=0m, <1m

>=1m, <2m

NEPM 2013 Table 1A(1) HILs Res A Soil

NEPM 2013 Table 1B(6) ESLs for Urban Res, Coarse Soil

NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

PFAS NEMP 2025 HIL A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation

Metals

Asenic

Cadmium

Chromium (hexavalent)

Chromium (III+VI)

Copper

Lead

ASLP Lead (Acetate | DI Water)

Mercury

Molybdenum

Nickel

Selenium

Silver

Tin

Zinc

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/L

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

5

0.2

1

5

5

5

0.01

0.05

5

5

5

3

5

5

550\*

100

60

1,100

300\*

7,400

200

400

400

200

400

200

400

400

200

400

200

400

200

7,400

| Lab Report Number | Sample Code       | Field ID  | Date        | Asenic | Cadmium | Chromium (hexavalent) | Chromium (III+VI) | Copper | Lead | ASLP Lead (Acetate   DI Water) | Mercury | Molybdenum | Nickel | Selenium | Silver | Tin | Zinc |
|-------------------|-------------------|-----------|-------------|--------|---------|-----------------------|-------------------|--------|------|--------------------------------|---------|------------|--------|----------|--------|-----|------|
| 26-31607          | 26-31607_12524145 | BH417/0.1 | 01 May 2026 | <5     | <0.2    | -                     | 59                | 18     | 26   | -                              | 0.05    | <5         | 49     | <5       | <5     | <5  | 37   |
| 26-31607          | 26-31607_12524147 | BH427/0.1 | 01 May 2026 | <5     | <0.2    | -                     | 55                | 22     | 82   | -                              | 0.18    | <5         | 37     | <5       | <5     | <5  | 160  |
| 26-33965          | 26-33965_12524147 | BH427/0.5 | 01 May 2026 | <5     | -       | -                     | -                 | -      | -    | -                              | -       | -          | -      | -        | -      | -   | -    |
| 26-31607          | 26-31607_12524149 | BH43/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 34                | 19     | 80   | -                              | 0.07    | <5         | 27     | <5       | <5     | <5  | 70   |
| 26-31607          | 26-31607_12524151 | BH44/0.1  | 01 May 2026 | <5     | <0.2    | <1                    | -                 | 31     | 25   | -                              | 0.06    | <5         | 75     | <5       | <5     | <5  | 42   |
| 26-31607          | 26-31607_12524153 | BH45/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 36                | 30     | 94   | -                              | 0.07    | <5         | 31     | -        | -      | -   | 120  |
| 26-31607          | 26-31607_12524154 | BH45/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 49                | 17     | 20   | -                              | 0.05    | <5         | 39     | <5       | <5     | <5  | 33   |
| 26-31607          | 26-31607_12524155 | BH46/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 31                | 40     | 52   | -                              | 0.06    | -          | 25     | -        | -      | -   | 75   |
| 26-31607          | 26-31607_12524156 | BH47/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 43                | 25     | 480  | -                              | 0.11    | -          | 48     | -        | -      | -   | 82   |
| 26-35301          | 26-35301_12586688 | BH47/0.4  | 29 Apr 2026 | <5     | <0.2    | -                     | 53                | 23     | 140  | -                              | 0.09    | <5         | 38     | <5       | <5     | <5  | 50   |
| 26-31607          | 26-31607_12524158 | BH48/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 26                | 4      | 61   | -                              | 0.09    | <5         | 23     | <5       | <5     | <5  | 58   |
| 26-35307          | 26-35307_12586690 | BH48/0.1  | 29 Apr 2026 | <5     | <0.2    | -                     | 42                | 20     | 24   | -                              | 0.08    | <5         | 29     | <5       | <5     | <5  | 32   |
| 26-31607          | 26-31607_12586689 | BH48/0.5  | 01 May 2026 | <5     | <0.2    | -                     | 41                | 16     | 110  | -                              | 0.06    | <5         | 35     | <5       | <5     | <5  | 34   |
| 26-31607          | 26-31607_12524162 | BH49/0.1  | 01 May 2026 | <5     | 0.4     | -                     | 35                | 26     | 990  | 0.21   0.32                    | 0.07    | <5         | 31     | -        | -      | -   | 170  |
| 26-31607          | 26-31607_12524163 | BH51/0.1  | 01 May 2026 | <5     | 0.2     | -                     | 34                | 23     | 340  | -                              | 0.10    | <5         | 37     | <5       | <5     | <5  | 140  |
| 26-31607          | 26-31607_12524164 | BH51/0.2  | 01 May 2026 | <5     | 0.2     | -                     | 41                | 22     | 290  | -                              | 0.11    | <5         | 42     | <5       | <5     | <5  | 130  |
| 26-31607          | 26-31607_12524165 | BH52/0.1  | 01 May 2026 | <5     | 0.2     | -                     | 33                | 19     | 130  | -                              | 0.08    | -          | 34     | -        | -      | -   | 76   |
| 26-31607          | 26-31607_12524167 | BH53/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 17                | 13     | 71   | -                              | <0.05   | -          | 14     | -        | -      | -   | 66   |
| 26-31607          | 26-31607_12524168 | BH53/0.3  | 01 May 2026 | <5     | 0.2     | -                     | 37                | 26     | 250  | -                              | 0.10    | <5         | 47     | <5       | <5     | 6   | 110  |
| 26-31607          | 26-31607_12524169 | BH54/0.1  | 01 May 2026 | <5     | <0.2    | <1                    | -                 | 14     | 140  | -                              | <0.05   | <5         | 33     | <5       | <5     | -   | 91   |
| 26-31607          | 26-31607_12524171 | BH55/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 32                | 31     | 230  | -                              | 0.16    | -          | 33     | <5       | <5     | -   | 110  |
| 26-31607          | 26-31607_12524172 | BH55/0.4  | 01 May 2026 | <5     | <0.2    | -                     | 43                | 35     | 130  | -                              | 0.23    | <5         | 49     | <5       | <5     | -   | 66   |
| 26-31607          | 26-31607_12524173 | BH56/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 42                | 17     | 60   | -                              | 0.06    | -          | 38     | -        | -      | -   | 46   |
| 26-31607          | 26-31607_12524175 | BH56/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 48                | 18     | 18   | -                              | 0.1     | <5         | 53     | -        | -      | -   | 36   |
| 26-31607          | 26-31607_12524176 | BH57/0.3  | 01 May 2026 | <5     | <0.2    | -                     | 48                | 18     | 18   | -                              | 0.11    | <5         | 54     | <5       | <5     | <5  | 37   |
| 26-31607          | 26-31607_12524177 | BH58/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 42                | 16     | 21   | -                              | <0.05   | -          | 45     | -        | -      | -   | 37   |
| 26-31607          | 26-31607_12524180 | BH60/0.1  | 01 May 2026 | <5     | <0.2    | -                     | 36                | 17     | 76   | -                              | 0.08    | -          | 33     | -        | -      | -   | 53   |
| 26-31607          | 26-31607_12524181 | BH60/0.5  | 01 May 2026 | <5     | <0.2    | -                     | 48                | 16     | 31   | -                              | 0.06    | <5         | 40     | <5       | <5     | <5  | 29   |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011 (Fill\*)

Natural\*

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) EILs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEMP 2025 HIL: A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

| PAHs                                                                                               |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
|----------------------------------------------------------------------------------------------------|----------------|------------|--------------------|----------------|----------------------|----------------------|----------------------|----------|-----------------------|--------------|----------|-------------------------|-------------|--------------|--------|--------------------------|---------------------------------|---------------------|-------|
| Acenaphthene                                                                                       | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ colic (Zero) | PAHs (Sum of total) |       |
| mg/kg                                                                                              | mg/kg          | mg/kg      | mg/kg              | mg/L           | mg/kg                | mg/kg                | mg/kg                | mg/kg    | mg/kg                 | mg/kg        | mg/kg    | mg/kg                   | mg/kg       | mg/kg        | mg/kg  | mg/kg                    | mg/kg                           | mg/kg               | mg/kg |
| 0.1                                                                                                | 0.1            | 0.1        | 0.1                | 0.0005         | 0.1                  | 0.1                  | 0.1                  | 0.1      | 0.1                   | 0.1          | 0.1      | 0.1                     | 0.1         | 0.1          | 0.1    | 0.2                      | 0.1                             | 0.1                 | 0.1   |
| FQCL                                                                                               |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| NEPM 2013 Table 1B(1) - 1B(6) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| >=0m, <1m                                                                                          |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| >=1m, <2m                                                                                          |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| NEPM 2013 Table 1A(1) HLLs Res A Soil                                                              |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| NEPM 2013 Table 1B(7) Management Units in Res / Portland, Coarse Soil                              |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| PFAS NEPM 2025 HIL A Residential with garden/accessible soil                                       |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| AS2159 [2009] Pilling - Design and Installation                                                    |                |            |                    |                |                      |                      |                      |          |                       |              |          |                         |             |              |        |                          |                                 |                     |       |
| 0.1                                                                                                | 0.1            | 0.1        | 0.1                | 0.1            | 0.1                  | 0.1                  | 0.1                  | 0.1      | 0.1                   | 0.1          | 0.1      | 0.1                     | 0.1         | 0.1          | 0.1    | 0.2                      | 0.1                             | 0.1                 | 0.1   |

| Lab Report Number | Sample Code        | Field ID | Date        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|--------------------|----------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 26-31 607         | 26-31 607_12524102 | BH21/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
|                   |                    |          | 29 Apr 2026 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.1  | 0.2  | <0.1 |
| 26-31 607         | 26-31 607_12524103 | BH21/0.5 | 29 Apr 2026 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 26-31 607         | 26-31 607_12524106 | BH22/0.1 | 29 Apr 2026 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 26-31 607         | 26-31 607_12524109 | BH22/1.5 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524110 | BH23/0.1 | 30 Apr 2026 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 26-31 607         | 26-31 607_12524112 | BH23/0.1 | 30 Apr 2026 | <0.1 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 26-31 607         | 26-31 607_12524113 | BH24/0.1 | 30 Apr 2026 | <0.1 | 0.1  | 0.3  | 0.8  | 0.8  | 0.7  | 0.5  | 0.7  | 0.6  | 0.1  | 1.8  | <0.1 | 0.4  | <0.1 | 1.0  | 1.3  | 1.2  |
| 26-31 607         | 26-31 607_12524114 | BH24/0.5 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524115 | BH25/0.1 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524116 | BH25/0.5 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524117 | BH26/0.1 | 30 Apr 2026 | <0.1 | 0.2  | 0.4  | 1.3  | 1.3  | -    | 1.1  | 0.7  | 1.1  | 1.2  | 0.2  | 3.9  | <0.1 | 0.6  | <0.1 | 2.2  | 2.7  |
| 26-31 607         | 26-31 607_12524118 | BH26/0.3 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 1.9  | 1.9  |
| 26-31 607         | 26-31 607_12524120 | BH27/0.1 | 30 Apr 2026 | <0.1 | <0.1 | <0.1 | 0.2  | 0.3  | -    | 0.2  | 0.1  | 0.2  | 0.2  | <0.1 | 0.4  | <0.1 | <0.1 | <0.1 | 0.1  | 0.3  |
| 26-31 607         | 26-31 607_12524123 | BH28/0.1 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524122 | BH29/0.1 | 30 Apr 2026 | <0.3 | 1.6  | 2.5  | 9.4  | 12   | -    | 9.3  | 8.1  | 9.2  | 7.9  | 2.2  | 21   | <0.3 | 6.8  | <0.3 | 6.8  | 15   |
| 26-31 607         | 26-31 607_12524124 | BH30/0.1 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524125 | BH30/0.3 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524126 | BH31/0.1 | 30 Apr 2026 | <0.3 | 4.3  | 5.0  | 18   | 20   | -    | 16   | 14   | 16   | 15   | 2.5  | 44   | 1.0  | 15   | <0.3 | 22   | 40   |
| 26-31 607         | 26-31 607_12524128 | BH33/0.1 | 30 Apr 2026 | <0.3 | 2.5  | 4.4  | 13   | 15   | -    | 12   | 10   | 12   | 11   | 2.5  | 33   | <0.3 | 8.9  | <0.3 | 15   | 23   |
| 26-31 607         | 26-31 607_12524130 | BH34/0.1 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524131 | BH34/0.3 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524132 | BH35/0.1 | 30 Apr 2026 | <0.1 | 0.2  | 0.3  | 1.1  | 1.4  | -    | 1.1  | 0.9  | 1.1  | 0.9  | 0.3  | 2.5  | <0.1 | 0.7  | <0.1 | 1.0  | 1.8  |
| 26-31 607         | 26-31 607_12524134 | BH36/0.1 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | 2.1  | 2.1  |
| 26-31 607         | 26-31 607_12524135 | BH36/0.3 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524137 | BH37/0.1 | 30 Apr 2026 | <0.1 | 0.1  | 0.3  | 0.7  | 0.9  | -    | 0.8  | 0.6  | 0.8  | 0.7  | 0.1  | 1.7  | <0.1 | 0.5  | <0.1 | 0.7  | 1.3  |
| 26-31 607         | 26-31 607_12524138 | BH37/0.5 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| 26-31 607         | 26-31 607_12524139 | BH38/0.1 | 30 Apr 2026 | <0.1 | 0.3  | 0.3  | 1.2  | 1.3  | -    | 1.0  | 0.8  | 1.1  | 1.1  | <0.1 | 2.7  | <0.1 | 0.9  | <0.1 | 1.4  | 2.4  |
| 26-31 607         | 26-31 607_12524140 | BH38/0.3 | 30 Apr 2026 | -    | -    | -    | -    | -    | -    | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.4  |
| 26-31 607         | 26-31 607_12524142 | BH40/0.1 | 30 Apr 2026 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.4  | <0.1 | <0.1 | <0.1 | 0.3  | 0.1  |

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning  
SITE: Lot 11, Jackson Hills, Sunbury  
PROJECT NUMBER: L30482

| FOL                                                                                                | PAHs         |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         | PAHs (Sum of total) |              |        |                          |                           |
|----------------------------------------------------------------------------------------------------|--------------|----------------|------------|--------------------|----------------|-----------------------------------------|----------------------|----------------------|----------------------|----------|-----------------------|--------------|----------|-------------------------|---------------------|--------------|--------|--------------------------|---------------------------|
|                                                                                                    | Acenaphthene | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | AsP Benzo(a)pyrene (Acetate   DI Water) | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene         | Phenanthrene | Pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ (Zero) |
|                                                                                                    | mg/kg        | mg/kg          | mg/kg      | mg/kg              | mg/kg          | mg/L                                    | mg/kg                | mg/kg                | mg/kg                | mg/kg    | mg/kg                 | mg/kg        | mg/kg    | mg/kg                   | mg/kg               | mg/kg        | mg/kg  | mg/kg                    | mg/kg                     |
| NEPM 2013 Table 1B(1) – 1B(6) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS | 0.1          | 0.1            | 0.1        | 0.1                | 0.1            | 0.0005                                  | 0.1                  | 0.1                  | 0.1                  | 0.1      | 0.1                   | 0.1          | 0.1      | 0.1                     | 0.1                 | 0.1          | 0.1    | 0.2                      | 0.1                       |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| >0m, <1m                                                                                           |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| >=1m, <2m                                                                                          |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| NEPM 2013 Table 1A(1) HILs Res A Soil                                                              |              |                |            |                    | 0.7            |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| NEPM 2013 Table 1B(6) ESIs for Urban Res, Coarse Soil >0m, <2m                                     |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil                             |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| PFAS NEMP 2025 HIL: A Residential with garden/accessible soil                                      |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |
| AS2159 (2009) Piling – Design and Installation                                                     |              |                |            |                    |                |                                         |                      |                      |                      |          |                       |              |          |                         |                     |              |        |                          |                           |

| Lab Report Number | Sample Code        | Field ID   | Date        | Acenaphthene | Acenaphthylene | Anthracene | Benzo(a)anthracene | Benzo(a)pyrene | AsP Benzo(a)pyrene (Acetate   DI Water) | Benzo(b)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ (Zero) | PAHs (Sum of total) |
|-------------------|--------------------|------------|-------------|--------------|----------------|------------|--------------------|----------------|-----------------------------------------|----------------------|----------------------|----------------------|----------|-----------------------|--------------|----------|-------------------------|-------------|--------------|--------|--------------------------|---------------------------|---------------------|
| 26-31607          | 26-31607_12524145  | BH417/0.1  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524147  | BH427/0.1  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-33965          | 26-33965_125244655 | BH427/0.5  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524149  | BH437/0.1  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524151  | BH447/0.1  | 01 May 2026 | <0.1         | <0.1           | <0.1       | <0.1               | <0.1           | <0.1                                    | <0.1                 | <0.1                 | <0.1                 | <0.1     | <0.1                  | <0.1         | <0.1     | <0.1                    | <0.1        | <0.1         | <0.1   | 0.3                      | 0.1                       | 0.2                 |
| 26-31607          | 26-31607_12524153  | BH457/0.1  | 01 May 2026 | <0.1         | <0.1           | <0.1       | 0.3                | 0.4            | 0.4                                     | 0.4                  | 0.4                  | 0.4                  | 0.3      | <0.1                  | 0.6          | <0.1     | 0.3                     | <0.1        | <0.1         | 0.6    | 0.6                      | 0.5                       | 3.7                 |
| 26-31607          | 26-31607_12524154  | BH457/0.5  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524155  | BH467/0.1  | 01 May 2026 | <0.1         | <0.1           | 0.1        | 0.6                | 0.6            | -                                       | 0.6                  | 0.4                  | 0.6                  | 0.5      | <0.1                  | 1.2          | <0.1     | 0.4                     | <0.1        | 0.5          | 1.2    | 0.9                      | 0.8                       | 6.7                 |
| 26-31607          | 26-31607_12524156  | BH477/0.1  | 01 May 2026 | <0.1         | <0.1           | <0.1       | <0.1               | 0.2            | -                                       | 0.2                  | 0.1                  | 0.2                  | 0.2      | <0.1                  | 0.3          | <0.1     | 0.1                     | <0.1        | 0.1          | 0.3    | 0.3                      | 0.4                       | 1.9                 |
| 26-35301          | 26-35301_12586688  | BH477/0.4  | 29 Apr 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524158  | BH487/0.1  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-35307          | 26-35307_12584158  | BH487/0.1  | 29 Apr 2026 | <0.3         | 9.7            | 4.5        | 20                 | 21             | -                                       | 15                   | 13                   | 18                   | 18       | 2.4                   | 49           | 0.8      | 1.1                     | 0.3         | 23           | 44     | 30                       | 30                        | 250                 |
| 26-35307          | 26-35307_12584160  | BH487/0.5  | 29 Apr 2026 | <0.3         | 0.4            | 0.6        | 29                 | 31             | -                                       | 2.1                  | 2.0                  | 2.6                  | 2.8      | 0.7                   | 4.8          | <0.3     | 2.2                     | <0.3        | 3.0          | 4.3    | 4.6                      | 4.6                       | 35                  |
| 26-31607          | 26-31607_12524162  | BH457/0.1  | 01 May 2026 | <0.3         | 9.9            | 22         | 50                 | 49             | <0.0005                                 | 39                   | 34                   | 39                   | 42       | 5.7                   | 140          | 4.5      | 35                      | <0.3        | 110          | 120    | 72                       | 72                        | 700                 |
| 26-31607          | 26-31607_12524163  | BH457/0.1  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524164  | BH457/0.2  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524165  | BH457/0.1  | 01 May 2026 | <0.1         | 1.6            | 2.0        | 11                 | 21             | -                                       | 12                   | 9.7                  | 12                   | 10       | 2.1                   | 25           | 0.3      | 7.9                     | 0.1         | 8.1          | 24     | 28                       | 28                        | 150                 |
| 26-31607          | 26-31607_12524167  | BH457/0.1  | 01 May 2026 | <0.1         | 0.1            | 0.2        | 1.0                | 1.2            | -                                       | 1.1                  | 0.9                  | 1.1                  | 0.9      | 0.2                   | 2.2          | <0.1     | 0.9                     | <0.1        | 0.8          | 2.1    | 1.8                      | 1.8                       | 13                  |
| 26-31607          | 26-31607_12524168  | BH457/0.3  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524169  | BH457/0.1  | 01 May 2026 | <0.3         | 3.7            | 5.4        | 22                 | 21             | <0.0005                                 | 18                   | 16                   | 19                   | 21       | 2.7                   | 64           | 0.5      | 1.6                     | 0.4         | 34           | 56     | 32                       | 32                        | 300                 |
| 26-31607          | 26-31607_12524171  | BH457/0.1  | 01 May 2026 | <0.1         | 0.6            | 0.9        | 3.0                | 3.6            | -                                       | 3.1                  | 2.4                  | 3.2                  | 2.8      | 0.5                   | 7.9          | 0.2      | 2.4                     | 0.2         | 4.2          | 7.2    | 5.3                      | 5.3                       | 42                  |
| 26-31607          | 26-31607_12524172  | BH457/0.4  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524173  | BH457/0.1  | 01 May 2026 | <0.1         | 0.4            | 0.7        | 3.0                | 3.5            | -                                       | 3.1                  | 2.3                  | 3.4                  | 2.8      | 0.5                   | 7.8          | 0.1      | 2.3                     | <0.1        | 3.3          | 7.1    | 5.2                      | 5.2                       | 40                  |
| 26-31607          | 26-31607_12524175  | BH457/0.1  | 01 May 2026 | <0.1         | <0.1           | <0.1       | 0.1                | 0.2            | -                                       | 0.1                  | 0.1                  | 0.1                  | 0.1      | <0.1                  | 0.3          | <0.1     | 0.1                     | <0.1        | <0.1         | 0.3    | 0.3                      | 0.2                       | 1.4                 |
| 26-31607          | 26-31607_12524176  | BH457/0.3  | 01 May 2026 | -            | -              | -          | -                  | -              | -                                       | -                    | -                    | -                    | -        | -                     | -            | -        | -                       | -           | -            | -      | -                        | -                         | -                   |
| 26-31607          | 26-31607_12524177  | BH4587/0.1 | 01 May 2026 | <0.1         | <0.1           | <0.1       | 0.1                | 0.2            | -                                       | 0.1                  | 0.1                  | 0.1                  | 0.1      | <0.1                  | 0.3          | <0.1     | 0.1                     | <0.1        | 0.2          | 0.3    | 0.3                      | 0.2                       | 1.6                 |
| 26-31607          | 26-31607_12524180  | BH467/0.1  | 01 May 2026 | <0.1         | 0.9            | 1.7        | 3.4                | 3.0            | -                                       | 2.1                  | 1.7                  | 2.6                  | 2.8      | 0.3                   | 9.9          | 0.6      | 1.8                     | <0.1        | 9.9          | 8.7    | 4.3                      | 4.3                       | 49                  |
| 26-31607          | 26-31607_12524181  | BH467/0.5  | 01 May 2026 | <0.3         | <0.3           | <0.3       | 0.3                | 0.4            | -                                       | 0.3                  | 0.3                  | 0.4                  | 0.3      | <0.3                  | 0.8          | <0.3     | 0.3                     | <0.3        | 0.3          | 0.7    | 0.8                      | 0.5                       | 4.1                 |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011 (Fill\*) | Natural\*

- 2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS
- 2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand
- 2013, NEPM 2013 Table 1A(1) HILs Res A Soil
- 2013, NEPM 2013 Table 1B(6) ESIs for Urban Res, Coarse Soil
- NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil
- HEPA, March 2025, PFAS NEMP 2025 HIL: A Residential with garden/accessible soil
- AS2159 (2009) Piling - Design and Installation

| Lab Report Number | Sample Code | Field ID | Date        | Field Data |              |                   |              |                |              |                |                   |                 |                 |          |                  |                       |                       |                      |  |
|-------------------|-------------|----------|-------------|------------|--------------|-------------------|--------------|----------------|--------------|----------------|-------------------|-----------------|-----------------|----------|------------------|-----------------------|-----------------------|----------------------|--|
|                   |             |          |             | Temp (°C)  | Humidity (%) | Wind Speed (km/h) | Wind Dir (°) | Pressure (hPa) | Altitude (m) | Soil Temp (°C) | Soil Moisture (%) | Water Level (m) | Water Temp (°C) | Water pH | Water TDS (mg/L) | Water Hardness (mg/L) | Water Chloride (mg/L) | Water Sulfate (mg/L) |  |
| 26-31607          | 26-31607    | BH01/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <50          | <50            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH01/1.0 | 29 Apr 2026 | -          | -            | -                 | -            | -              | -            | -              | -                 | -               | -               | -        | -                | -                     | -                     |                      |  |
| 26-31607          | 26-31607    | BH02/0.1 | 29 Apr 2026 | <20        | <50          | 2,200             | <50          | 150            | 2,400        | 160            | <20               | 150             | 2,700           | <20      | 150              | 2,700                 | <50                   |                      |  |
| 26-31607          | 26-31607    | BH02/1.0 | 29 Apr 2026 | <20        | <50          | 3,000             | <20          | <20            | 3,300        | 230            | <20               | 260             | 3,800           | <20      | 260              | 3,800                 | <50                   |                      |  |
| 26-31607          | 26-31607    | BH03/0.1 | 29 Apr 2026 | <20        | <50          | 1,300             | <20          | <20            | <20          | <20            | <20               | <20             | 250             | <20      | <20              | 220                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH03/1.0 | 29 Apr 2026 | <20        | <50          | 1,000             | <20          | <20            | <20          | <20            | <20               | <20             | 220             | <20      | <20              | 220                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH04/0.1 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH04/0.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH05/0.1 | 29 Apr 2026 | <20        | <50          | 260               | <20          | <20            | <20          | <20            | <20               | <20             | 410             | <20      | <20              | 410                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH05/0.5 | 29 Apr 2026 | <20        | <50          | 320               | <20          | <20            | <20          | <20            | <20               | <20             | 460             | <20      | <20              | 460                   | <50                   |                      |  |
| 26-33301          | 26-33301    | BH06/1.0 | 29 Apr 2026 | <20        | <50          | 210               | <20          | <20            | <20          | <20            | <20               | <20             | 300             | <20      | <20              | 300                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH06/1.0 | 29 Apr 2026 | <20        | <50          | 240               | <20          | <20            | <20          | <20            | <20               | <20             | 370             | <20      | <20              | 370                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH07/0.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH07/1.0 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH08/0.1 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH09/0.1 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH09/1.0 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH10/0.1 | 29 Apr 2026 | <20        | <50          | 52                | <20          | <20            | <20          | <20            | <20               | <20             | 57              | <20      | <20              | 57                    | <50                   |                      |  |
| 26-31607          | 26-31607    | BH10/1.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | -               | <20      | <20              | -                     | <50                   |                      |  |
| 26-31607          | 26-31607    | BH11/0.1 | 29 Apr 2026 | <20        | <50          | 220               | <20          | <20            | <20          | <20            | <20               | 40              | 430             | <20      | 40               | 430                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH12/0.1 | 29 Apr 2026 | <20        | <50          | 89                | <20          | <20            | <20          | <20            | <20               | 32              | 160             | <20      | 32               | 160                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH12/1.0 | 29 Apr 2026 | -          | -            | -                 | -            | -              | -            | -              | -                 | -               | -               | -        | -                | -                     | -                     |                      |  |
| 26-31607          | 26-31607    | BH13/0.1 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH14/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH15/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH15/0.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH16/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH16/0.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | 61              | <20      | <20              | 61                    | <50                   |                      |  |
| 26-31607          | 26-31607    | BH17/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH17/0.5 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH18/0.1 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH18/1.5 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH19/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH19/0.5 | 29 Apr 2026 | <20        | <50          | -                 | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH20/0.1 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |
| 26-31607          | 26-31607    | BH20/0.5 | 29 Apr 2026 | <20        | <50          | <50               | <20          | <20            | <20          | <20            | <20               | <20             | <50             | <20      | <20              | <20                   | <50                   |                      |  |

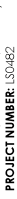
[illegible]

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hill, Sunbury

PROJECT NUMBER: LSD482

|                                                                                                    | TRH /TPH  |             |             |             |                            |             |              |              |              |                             | MAH                    |                  |         |         | BTEX    |              |              |       |
|----------------------------------------------------------------------------------------------------|-----------|-------------|-------------|-------------|----------------------------|-------------|--------------|--------------|--------------|-----------------------------|------------------------|------------------|---------|---------|---------|--------------|--------------|-------|
|                                                                                                    | TPH C6-C9 | TPH C10-C14 | TPH C15-C28 | TPH C29-C36 | TPH C10-C36 (Sum of total) | TPH >C6-C10 | TPH >C10-C16 | TPH >C16-C34 | TPH >C34-C40 | TPH >C10-C40 (Sum of total) | 1,2,4-trimethylbenzene | isopropylbenzene | Styrene | Benzene | Toluene | Ethylbenzene | Xylene Total |       |
| EQCL                                                                                               | mg/kg     | mg/kg       | mg/kg       | mg/kg       | mg/kg                      | mg/kg       | mg/kg        | mg/kg        | mg/kg        | mg/kg                       | mg/kg                  | mg/kg            | mg/kg   | mg/kg   | mg/kg   | mg/kg        | mg/kg        | mg/kg |
| NEPM 2013 Table 1B(1) - 1B(5) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS | 20        | 20          | 50          | 50          | 50                         | 20          | 20           | 50           | 50           | 50                          | 20                     | 20               | 0.5     | 0.5     | 0.5     | 0.5          | 0.5          | 0.5   |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         |         |         |              |              |       |
| >=0m, <1m                                                                                          |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         | 0.5     | 1.60    | 5.5          | 40           |       |
| >=1m, <2m                                                                                          |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         | 0.5     | 2.20    |              | 60           |       |
| NEPM 2013 Table 1A(1) HILs Res A Soil                                                              |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         |         |         |              |              |       |
| NEPM 2013 Table 1B(6) ESts for Urban Res, Coarse Soil >=0m, <2m                                    |           |             |             |             |                            |             | 120          | 300          | 2,800        | 1,800                       | 120                    |                  |         | 50      | 85      | 70           | 105          |       |
| NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil                             |           |             |             |             |                            | 700         | 1,000        | 2,500        | 10,000       |                             |                        |                  |         |         |         |              |              |       |
| PFAS NEMP 2025 HIL A Residential with garden/accessible soil                                       |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         |         |         |              |              |       |
| AS2159 (2009) Piling - Design and Installation                                                     |           |             |             |             |                            |             |              |              |              |                             |                        |                  |         |         |         |              |              |       |

| Lab Report Number | Sample Code       | Field ID    | Date        | TPH C6-C9 | TPH C10-C14 | TPH C15-C28 | TPH C29-C36 | TPH C10-C36 (Sum of total) | TPH >C6-C10 | TPH >C10-C16 | TPH >C16-C34 | TPH >C34-C40 | TPH >C10-C40 (Sum of total) | 1,2,4-trimethylbenzene | isopropylbenzene | Styrene | Benzene | Toluene | Ethylbenzene | Xylene Total |
|-------------------|-------------------|-------------|-------------|-----------|-------------|-------------|-------------|----------------------------|-------------|--------------|--------------|--------------|-----------------------------|------------------------|------------------|---------|---------|---------|--------------|--------------|
| 26-31 607         | 26-31607_12524145 | BH417/0.1   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524147 | BH427/0.1   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-33 965         | 26-33965_12564655 | BH427/0.5   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524149 | BH437/0.1   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524151 | BH447/0.1   | 01 May 2026 | <20       | <20         | <50         | 53          | 53                         | <20         | <20          | 63           | <50          | 63                          | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524153 | BH457/0.1   | 01 May 2026 | <20       | <20         | <50         | 100         | 100                        | <20         | <20          | 120          | <50          | 120                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524154 | BH457/0.5   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524155 | BH457/0.1   | 01 May 2026 | <20       | <20         | <50         | 62          | 62                         | <20         | <20          | 85           | <50          | 85                          | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524156 | BH477/0.1   | 01 May 2026 | <20       | <20         | 160         | 180         | 340                        | <20         | 27           | 280          | 110          | 420                         | <20                    | 27               | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-35 301         | 26-35301_12586688 | BH477/0.4   | 29 Apr 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524158 | BH487/0.1   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-35 307         | 26-35307_12584160 | BH487/0.1   | 29 Apr 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524159 | BH487/0.5   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524162 | BH4507/0.1  | 01 May 2026 | <20       | <20         | 1,600       | 670         | 2,300                      | <20         | 52           | 2,100        | 310          | 2,500                       | <20                    | 52               | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524163 | BH457/0.1   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524164 | BH457/0.2   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524165 | BH45207/0.1 | 01 May 2026 | <20       | <20         | 400         | 260         | 660                        | <20         | <20          | 590          | 120          | 710                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524167 | BH45307/0.1 | 01 May 2026 | <20       | <20         | <50         | <50         | <50                        | <20         | <20          | 84           | <50          | 84                          | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524168 | BH45307/0.3 | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524169 | BH45407/0.1 | 01 May 2026 | <20       | <20         | 410         | 220         | 630                        | <20         | <20          | 580          | 100          | 680                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524171 | BH45507/0.1 | 01 May 2026 | <20       | <20         | 120         | 87          | 210                        | <20         | <20          | 180          | <50          | 180                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524172 | BH45507/0.4 | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524173 | BH4567/0.1  | 01 May 2026 | <20       | <20         | 100         | 93          | 190                        | <20         | <20          | 170          | <50          | 170                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524175 | BH457/0.1   | 01 May 2026 | <20       | <20         | <50         | <50         | <50                        | <20         | <20          | <50          | <50          | <50                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524176 | BH457/0.3   | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |
| 26-31 607         | 26-31607_12524177 | BH4587/0.1  | 01 May 2026 | <20       | <20         | <50         | <50         | <50                        | <20         | <20          | <50          | <50          | <50                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524180 | BH4607/0.1  | 01 May 2026 | <20       | <20         | 160         | 100         | 260                        | <20         | <20          | 230          | <50          | 230                         | <20                    | <20              | <0.5    | <0.5    | <0.5    | <0.5         | <0.5         |
| 26-31 607         | 26-31607_12524181 | BH4607/0.5  | 01 May 2026 | -         | -           | -           | -           | -                          | -           | -            | -            | -            | -                           | -                      | -                | -       | -       | -       | -            | -            |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011 (Fill\*)

Natural(\*)

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) EILs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEMP 2025 HIL A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation

[illegible]



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

Landserv

Environment

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hill, Sunbury

PROJECT NUMBER: LS0482

| EQCL | Chlorinated Hydrocarbons                                                                           |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|------|----------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------|-----------------------|---------------------------|-----------------------|--------------------|--------------------|---------------------|------------------------|-----------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|-----------------|------------------|-----------------|
|      | 1,2-Dichloroethene [trans]                                                                         | Other chlorinated hydrocarbons EPA VIC | 1,1,1,2-tetrachloroethane | 1,1,1-trichloroethane | 1,1,2,2-tetrachloroethane | 1,1,2-trichloroethane | 1,1-dichloroethane | 1,1-dichloroethene | 1,1-dichloropropene | 1,2,3-trichloropropane | 1,2-dibromo-3-chloropropane | 1,2-dichloroethane | 1,2-dichloropropane | 1,3-dichloropropane | 2,2-dichloropropane | 2-chloronaphthalene | Benzal Chloride | Benzothichloride | Benzyl chloride |
|      | mg/kg                                                                                              | mg/kg                                  | mg/kg                     | mg/kg                 | mg/kg                     | mg/kg                 | mg/kg              | mg/kg              | mg/kg               | mg/kg                  | mg/kg                       | mg/kg              | mg/kg               | mg/kg               | mg/kg               | mg/kg               | mg/kg           | mg/kg            | mg/kg           |
|      | 0.5                                                                                                | 1                                      | 0.5                       | 0.5                   | 0.5                       | 0.5                   | 0.5                | 0.5                | 0.5                 | 0.5                    | 0.5                         | 0.5                | 0.5                 | 0.5                 | 0.5                 | 0.1                 | 0.1             | 0.1              | 0.1             |
|      | NEPM 2013 Table 1B(1) - 1B(6) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | >=0m, <1m                                                                                          |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | >=1m, <2m                                                                                          |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | NEPM 2013 Table 1A(1) HILs Res A Soil                                                              |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | NEPM 2013 Table 1B(6) ELs for Urban Res, Coarse Soil >=0m, <2m                                     |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil                             |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | PFAS NEPM 2025 HIL A Residential with garden/accessible soil                                       |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |
|      | AS2159 (2009) Piling - Design and Installation                                                     |                                        |                           |                       |                           |                       |                    |                    |                     |                        |                             |                    |                     |                     |                     |                     |                 |                  |                 |

| Lab Report Number | Sample Code       | Field ID | Date        | 1,2-Dichloroethene [trans] | Other chlorinated hydrocarbons EPA Vic | 1,1,1-trichloroethane | 1,1,1,2-tetrachloroethane | 1,1,2-tetrachloroethane | 1,1,2-trichloroethane | 1,1-dichloroethane | 1,1-dichloroethene | 1,1-dichloropropene | 1,2,3-trichloropropane | 1,2-dibromo-3-chloropropane | 1,2-dichloroethane | 1,2-dichloropropane | 1,3-dichloropropane | 2,2-dichloropropane | 2-chloronaphthalene | Benzal Chloride | Benzothichloride | Benzyl chloride |
|-------------------|-------------------|----------|-------------|----------------------------|----------------------------------------|-----------------------|---------------------------|-------------------------|-----------------------|--------------------|--------------------|---------------------|------------------------|-----------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|-----------------|------------------|-----------------|
| 26-31 607         | 26-31607_12524145 | BH41/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524147 | BH42/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-33965          | 26-33965_12564655 | BH42/0.5 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524149 | BH43/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524151 | BH44/0.1 | 01 May 2026 | <0.5                       | <1                                     | <0.5                  | <0.5                      | <0.5                    | <0.5                  | <0.5               | <0.5               | <0.5                | <0.5                   | <0.5                        | <0.5               | <0.5                | <0.5                | <0.5                | <0.1                | <0.1            | <0.1             | <0.1            |
| 26-31 607         | 26-31607_12524153 | BH45/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524155 | BH45/0.5 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524156 | BH46/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-33301          | 26-33301_12586688 | BH47/0.1 | 29 Apr 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524158 | BH48/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-33507          | 26-33507_12584160 | BH48/0.5 | 29 Apr 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12584169 | BH49/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524162 | BH49/0.5 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524163 | BH51/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524164 | BH51/0.2 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524165 | BH52/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524167 | BH53/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524168 | BH53/0.3 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524169 | BH54/0.1 | 01 May 2026 | <0.5                       | <1                                     | <0.5                  | <0.5                      | <0.5                    | <0.5                  | <0.5               | <0.5               | <0.5                | <0.5                   | <0.5                        | <0.5               | <0.5                | <0.5                | <0.5                | <0.3                | <0.3            | <0.3             | <0.3            |
| 26-31 607         | 26-31607_12524171 | BH55/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524172 | BH55/0.4 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524173 | BH56/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524175 | BH57/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524176 | BH57/0.3 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524177 | BH58/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524180 | BH60/0.1 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |
| 26-31 607         | 26-31607_12524181 | BH60/0.5 | 01 May 2026 | -                          | -                                      | -                     | -                         | -                       | -                     | -                  | -                  | -                   | -                      | -                           | -                  | -                   | -                   | -                   | -                   | -               | -                | -               |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011. [Fill\* ]

Natural\*

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) EILs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEPM 2025 HIL A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation

[illegible]



**CLIENT:** Department of Transport and Planning

**SITE:** Lot 11, Jackson Hill, Sunbury

**PROJECT NUMBER: LS0482**

[illegible]











[illegible]

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

Landserv

Environment

TABLE 1: Laboratory Analysis Results

CUSTOMER: Department of Transport and Planning

SITE: Lot 11, Jackson Hill, Sunbury

PROJECT NUMBER: LS0482

|                                                                                                    | Organochlorine Pesticides |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
|----------------------------------------------------------------------------------------------------|---------------------------|-------|--------|-------------------|-------|-----------|-----------------|-------------------|-------|-------|-------|-------------|----------|------------|--------------|---------------|---------------------|--------|-----------------|---------------|-----------------|-------|
|                                                                                                    | 4,4'-DDE                  | g-BHC | Aldrin | Aldrin + Dieldrin | p-BHC | Chlordane | Chlordane (cis) | Chlordane (trans) | g-BHC | DD    | DDT   | DDT+DDE+DDD | Dieldrin | Endosulfan | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | g-BHC (Lindane) |       |
| EQCL                                                                                               | mg/kg                     | mg/kg | mg/kg  | mg/kg             | mg/kg | mg/kg     | mg/kg           | mg/kg             | mg/kg | mg/kg | mg/kg | mg/kg       | mg/kg    | mg/kg      | mg/kg        | mg/kg         | mg/kg               | mg/kg  | mg/kg           | mg/kg         | mg/kg           | mg/kg |
| NEPM 2013 table 1B(1) - 1B(5) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS | 0.05                      | 0.05  | 0.05   | 0.05              | 0.05  | 0.05      | 0.05            | 0.05              | 0.05  | 0.05  | 0.05  | 0.05        | 0.05     | 0.05       | 0.05         | 0.05          | 0.05                | 0.05   | 0.05            | 0.05          | 0.05            | 0.05  |
| NEPM 2013 table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                           |       |        |                   |       |           |                 |                   |       |       | 180   |             |          |            |              |               |                     |        |                 |               |                 |       |
| >0m, <1m                                                                                           |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
| >=1m, <2m                                                                                          |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
| NEPM 2013 table 1A(1) HILs Res A Soil                                                              |                           |       |        | 6                 |       | 50        |                 |                   |       |       |       | 240         |          | 270        |              |               |                     | 10     |                 |               |                 |       |
| NEPM 2013 table 1B(6) ESUs for Urban Res, Coarse Soil                                              |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
| NEPM 2013 table 1B(7) Management Limits in Res. / Parkland, Coarse Soil                            |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
| PFAS NEMP 2025 HIL A Residential with garden/accessible soil                                       |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |
| AS2159 (2009) Piling - Design and Installation                                                     |                           |       |        |                   |       |           |                 |                   |       |       |       |             |          |            |              |               |                     |        |                 |               |                 |       |

| Lab Report Number | Sample Code        | Field ID   | Date        | 4,4'-DDE | g-BHC | Aldrin | Aldrin + Dieldrin | g-BHC | Chlordane | Chlordane (cis) | Chlordane (trans) | g-BHC | DD    | DDT   | DDT+DDE+DDD | Dieldrin | Endosulfan | Endosulfan I | Endosulfan II | Endosulfan sulphoxide | Endrin | endrin aldehyde | endrin ketone | g-BHC (Lindane) |
|-------------------|--------------------|------------|-------------|----------|-------|--------|-------------------|-------|-----------|-----------------|-------------------|-------|-------|-------|-------------|----------|------------|--------------|---------------|-----------------------|--------|-----------------|---------------|-----------------|
| 26-31 607         | 26-31 607_12524145 | BH417/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524147 | BH427/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-33 965         | 26-33 965_12564655 | BH427/0.5  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524149 | BH437/0.1  | 01 May 2026 | <0.05    | <0.05 | <0.05  | <0.05             | <0.05 | <0.05     | <0.05           | <0.05             | <0.05 | <0.05 | <0.05 | <0.05       | <0.05    | <0.05      | <0.05        | <0.05         | <0.05                 | <0.05  | <0.05           | <0.05         | <0.05           |
| 26-31 607         | 26-31 607_12524151 | BH447/0.1  | 01 May 2026 | <0.05    | <0.05 | <0.05  | <0.05             | <0.05 | <0.05     | <0.05           | <0.05             | <0.05 | <0.05 | <0.05 | <0.05       | <0.05    | <0.05      | <0.05        | <0.05         | <0.05                 | <0.05  | <0.05           | <0.05         | <0.05           |
| 26-31 607         | 26-31 607_12524153 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524154 | BH457/0.5  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524155 | BH467/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-33 801         | 26-31 607_12524156 | BH477/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-33 801         | 26-33 801_12586688 | BH477/0.4  | 29 Apr 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524158 | BH487/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-33 807         | 26-31 607_12524159 | BH497/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-33 807         | 26-31 607_12584689 | BH497/0.5  | 29 Apr 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524162 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524163 | BH457/0.2  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524164 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524165 | BH457/0.2  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524167 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524168 | BH457/0.3  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524169 | BH457/0.1  | 01 May 2026 | <0.1     | <0.1  | <0.1   | <0.1              | <0.1  | <0.1      | <0.1            | <0.1              | <0.1  | <0.1  | <0.1  | <0.1        | <0.1     | <0.1       | <0.1         | <0.1          | <0.1                  | <0.1   | <0.1            | <0.1          | <0.1            |
| 26-31 607         | 26-31 607_12524171 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524172 | BH457/0.4  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524173 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524175 | BH457/0.1  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524176 | BH457/0.3  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |
| 26-31 607         | 26-31 607_12524177 | BH4587/0.1 | 01 May 2026 | <0.05    | <0.05 | <0.05  | <0.05             | <0.05 | <0.05     | <0.05           | <0.05             | <0.05 | <0.05 | <0.05 | <0.05       | <0.05    | <0.05      | <0.05        | <0.05         | <0.05                 | <0.05  | <0.05           | <0.05         | <0.05           |
| 26-31 607         | 26-31 607_12524180 | BH467/0.1  | 01 May 2026 | <0.05    | <0.05 | <0.05  | <0.05             | <0.05 | <0.05     | <0.05           | <0.05             | <0.05 | <0.05 | <0.05 | <0.05       | <0.05    | <0.05      | <0.05        | <0.05         | <0.05                 | <0.05  | <0.05           | <0.05         | <0.05           |
| 26-31 607         | 26-31 607_12524181 | BH467/0.5  | 01 May 2026 | -        | -     | -      | -                 | -     | -         | -               | -                 | -     | -     | -     | -           | -        | -          | -            | -             | -                     | -      | -               | -             | -               |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(9)(b) NEPC 2011 (Fill\*)

Natural\*)

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) EILs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEMP 2025 HIL: A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation

[illegible]

[illegible]

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)B NEPC 2011 (Fill<sup>1</sup>)

Natural<sup>1</sup>

2013, NEPM 2013 Table 18(4)-(5) EILs for Urban Res., Pub.OS  
2013, NEPM 2013 Table 1A(3) Res A/B Soil for Vapour intrusion, Sand  
2013, NEPM 2013 Table 1A(1) HILs Res A Soil  
2013, NEPM 2013 Table 18(6) EILs for Urban Res., Coarse Soil  
2013, NEPM 2013 Table 18(7) Management Limits for Res<sup>1</sup> Parkland, Coarse Soil  
2015, March 2025 PFAS NEPM 2025 HIL A Residential with garden/accessible soil  
AS2159, 2009 Piling, Design and Installation

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

| Pesticides                                                                                         | Halogenated Benzenes       |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   | VOCs               |                   |
|----------------------------------------------------------------------------------------------------|----------------------------|--------------------------|------------------------|--------------------------|------------------------|---------------------|------------------------|---------------------|---------------------|---------------|---------------|--------------|---------------|-------------------|--------------------|-------------------|
|                                                                                                    | 1,2,3,4-tetrachlorobenzene | 1,2,3,5-Trichlorobenzene | 1,2,3-trichlorobenzene | 1,2,4-tetrachlorobenzene | 1,2,4-trichlorobenzene | 1,2-dichlorobenzene | 1,3,5-Trichlorobenzene | 1,3-dichlorobenzene | 1,4-dichlorobenzene | 2-chloroIuene | 4-chloroIuene | Bromobenzene | Chlorobenzene | Hexachlorobenzene | Pentachlorobenzene | 1,1-Dibromoethane |
| Permethrin                                                                                         | mg/kg                      | mg/kg                    | mg/kg                  | mg/kg                    | mg/kg                  | mg/kg               | mg/kg                  | mg/kg               | mg/kg               | mg/kg         | mg/kg         | mg/kg        | mg/kg         | mg/kg             | mg/kg              | mg/kg             |
| FQCL                                                                                               | 0.5                        | 0.1                      | 0.1                    | 0.1                      | 0.1                    | 0.1                 | 0.1                    | 0.1                 | 0.1                 | 0.5           | 0.5           | 0.5          | 0.5           | 0.05              | 0.1                | 0.5               |
| NEPM 2013 Table 1B(1) - 1B(5) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| >=0m, <1m                                                                                          |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| >=1m, <2m                                                                                          |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| NEPM 2013 Table 1A(1) HLLs Res A Soil                                                              |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| NEPM 2013 Table 1B(6) ESIs for Urban Res, Coarse Soil                                              |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               | 10                |                    |                   |
| NEPM 2013 Table 1B(7) Management Units in Res / Portland, Coarse Soil                              |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| PFAS NEPM 2025 HIL: A Residential with garden/accessible soil                                      |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |
| AS2159 [2009] Pilling - Design and Installation                                                    |                            |                          |                        |                          |                        |                     |                        |                     |                     |               |               |              |               |                   |                    |                   |

| Lab Report Number | Sample Code       | Field ID  | Date        |      |      |      |      |      |      |      |      |      |      |       |      |      |
|-------------------|-------------------|-----------|-------------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| 26-31 607         | 26-31607_12524043 | BH017/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524045 | BH017/1.0 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524046 | BH027/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524048 | BH027/1.0 | 29 Apr 2026 | -    | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.2  | <0.3 | <0.5 |
| 26-31 607         | 26-31607_12524049 | BH030/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524051 | BH030/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524052 | BH030/0.5 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524053 | BH030/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524054 | BH030/0.5 | 29 Apr 2026 | -    | <0.6 | <0.6 | <0.6 | <0.6 | <0.6 | <0.5 | <0.5 | <0.5 | <0.5 | <0.3  | <0.6 | <0.5 |
| 26-35301          | 26-35301_12586683 | BH037/1.0 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524056 | BH030/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524057 | BH030/0.5 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524058 | BH077/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524059 | BH097/0.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524062 | BH097/0.1 | 29 Apr 2026 | <0.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | <0.05 | -    | -    |
| 26-31 607         | 26-31607_12524064 | BH097/0.1 | 29 Apr 2026 | -    | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.5 | <0.5 | <0.5 | <0.5 | <0.05 | <0.1 | <0.5 |
| 26-31 607         | 26-31607_12524065 | BH100/1.0 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524068 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524071 | BH100/1.5 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524072 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | <0.05 | -    | -    |
| 26-31 607         | 26-31607_12524074 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524076 | BH100/1.0 | 29 Apr 2026 | <0.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524077 | BH100/1.0 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524080 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524082 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524083 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524084 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524087 | BH100/1.1 | 29 Apr 2026 | <0.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | <0.05 | -    | -    |
| 26-31 607         | 26-31607_12524088 | BH100/1.5 | 29 Apr 2026 | -    | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.5 | <0.5 | <0.5 | <0.5 | <0.05 | <0.1 | <0.5 |
| 26-31 607         | 26-31607_12524091 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524092 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524095 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524096 | BH100/1.1 | 29 Apr 2026 | <0.5 | -    | -    | -    | -    | -    | -    | -    | -    | -    | <0.05 | -    | -    |
| 26-31 607         | 26-31607_12524098 | BH100/1.1 | 29 Apr 2026 | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -    | -    |
| 26-31 607         | 26-31607_12524099 | BH100/0.5 | 29 Apr 2026 | -    | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.5 | <0.5 | <0.5 | <0.5 | <0.05 | <0.1 | <0.5 |

[illegible]

TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Surbury

PROJECT NUMBER: L30482

Landserv

Environment

TABLE 1: Laboratory Analysis Results

CIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hill, Sunbury

PROJECT NUMBER: L50482

| Pesticides                                                                                         | Halogenated Benzenes     |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    | VOCs  |
|----------------------------------------------------------------------------------------------------|--------------------------|--------------------------|----------------------|--------------------------|----------------------|-----------------|---------------------|-----------------|--------------|---------------|-------------------|--------------------|-------|
|                                                                                                    | 2,3,4-tetrachlorobenzene | 2,3,5-tetrachlorobenzene | 2,3-trichlorobenzene | 2,4,5-tetrachlorobenzene | 2,4-trichlorobenzene | 2-chlorobenzene | 1,4-dichlorobenzene | 2-chlorotoluene | Bromobenzene | Chlorobenzene | Hexachlorobenzene | Pentachlorobenzene |       |
| Permethrin                                                                                         | mg/kg                    | mg/kg                    | mg/kg                | mg/kg                    | mg/kg                | mg/kg           | mg/kg               | mg/kg           | mg/kg        | mg/kg         | mg/kg             | mg/kg              | mg/kg |
| FQCL                                                                                               | 0.5                      | 0.1                      | 0.1                  | 0.1                      | 0.1                  | 0.1             | 0.1                 | 0.1             | 0.5          | 0.5           | 0.05              | 0.1                | 0.5   |
| NEPM 2013 Table 1B(1) – 1B(6) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| >=0m, <1m                                                                                          |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| >=1m, <2m                                                                                          |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| NEPM 2013 Table 1A(1) HILs Res A Soil                                                              |                          |                          |                      |                          |                      |                 |                     |                 |              |               | 10                |                    |       |
| NEPM 2013 Table 1B(6) ESIs for Urban Res., Coarse Soil                                             |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil                             |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| PFAS NEPM 2025 HIL A Residential with garden/accessible soil                                       |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| AS2159 (2009) Piling – Design and Installation                                                     |                          |                          |                      |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| Lab Report Number                                                                                  | Sample Code              | Field ID                 | Date                 |                          |                      |                 |                     |                 |              |               |                   |                    |       |
| 26-31607                                                                                           | 26-31607_12524145        | BH417/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524147        | BH427/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-33965                                                                                           | 26-33965_12564655        | BH427/0.5                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524149        | BH437/0.1                | 01 May 2026          | <0.5                     | -                    | -               | -                   | -               | -            | -             | <0.05             | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524151        | BH447/0.1                | 01 May 2026          | -                        | <0.1                 | <0.1            | <0.1                | <0.1            | <0.5         | <0.5          | <0.05             | <0.1               | <0.5  |
| 26-31607                                                                                           | 26-31607_12524153        | BH457/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524154        | BH457/0.5                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524155        | BH467/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524156        | BH477/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-33901                                                                                           | 26-33901_12586688        | BH477/0.4                | 29 Apr 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524158        | BH487/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524160        | BH497/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-35807                                                                                           | 26-35807_12584169        | BH497/0.5                | 29 Apr 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524162        | BH507/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524163        | BH517/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524164        | BH527/0.2                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524165        | BH537/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524167        | BH537/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524168        | BH537/0.3                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524169        | BH547/0.1                | 01 May 2026          | -                        | <0.3                 | <0.3            | <0.3                | <0.3            | <0.5         | <0.5          | <0.1              | <0.3               | <0.5  |
| 26-31607                                                                                           | 26-31607_12524171        | BH557/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524172        | BH557/0.4                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524173        | BH567/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524175        | BH577/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524176        | BH577/0.3                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524177        | BH587/0.1                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | <0.05             | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524180        | BH607/0.1                | 01 May 2026          | <0.5                     | -                    | -               | -                   | -               | -            | -             | <0.05             | -                  | -     |
| 26-31607                                                                                           | 26-31607_12524181        | BH607/0.5                | 01 May 2026          | -                        | -                    | -               | -                   | -               | -            | -             | -                 | -                  | -     |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011. (Fill " I

Natural")

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) ESIs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEPM 2025 HIL: A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation

[illegible]

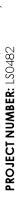
[illegible]



TABLE 1: Laboratory Analysis Results

CLIENT: Department of Transport and Planning

SITE: Lot 11, Jackson Hills, Sunbury

PROJECT NUMBER: L30482

| FOL                                                                                                | Halogenated Hydrocarbons |              |                        |       | Inorganics |       |       |       | PFOS/PFOA                             |                                     |                               |
|----------------------------------------------------------------------------------------------------|--------------------------|--------------|------------------------|-------|------------|-------|-------|-------|---------------------------------------|-------------------------------------|-------------------------------|
|                                                                                                    | 1,2-dibromomethane       | Bromomethane | Trichlorofluoromethane | mg/kg | mg/kg      | mg/kg | mg/kg | mg/kg | Perfluorohexane sulfonic acid (PFHxS) | Perfluorooctanesulfonic acid (PFOS) | Perfluorooctanoic acid (PFOA) |
| NEPM 2013 Table 1B(1) - 1B(6) Generic and Site Specific* EL and Conservative ACL – Urb Res./Pub.OS | 0.5                      | 0.5          | 2                      | mg/kg | %          | mg/kg | mg/kg | mg/kg | mg/kg                                 | mg/kg                               | mg/kg                         |
| NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand                                  |                          |              |                        |       | 0.1        | 5     | 100   | 0.1   | 0.0002                                | 0.0002                              | 0.0002                        |
| >=0m, <1m                                                                                          |                          |              |                        |       |            |       |       |       |                                       |                                     |                               |
| >=1m, <2m                                                                                          |                          |              |                        |       |            |       |       |       |                                       |                                     |                               |
| NEPM 2013 Table 1A(1) HILs Res A Soil                                                              |                          |              |                        |       |            |       |       |       |                                       |                                     |                               |
| NEPM 2013 Table 1B(6) ESIs for Urban Res., Coarse Soil                                             |                          |              |                        |       |            |       |       |       |                                       |                                     |                               |
| NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil                             |                          |              |                        |       |            |       |       |       |                                       |                                     |                               |
| PFAS NEMP 2025 HIL: A Residential with garden/accessible soil                                      |                          |              |                        |       |            |       |       |       | 0.003                                 | 0.003                               | 0.06                          |
| AS2159 (2009) Piling - Design and Installation                                                     |                          |              |                        |       |            |       |       | <=5   |                                       |                                     |                               |

| Lab Report Number | Sample Code        | Field ID | Date        | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg   | mg/kg  | mg/kg  |
|-------------------|--------------------|----------|-------------|-------|-------|-------|-------|-------|---------|--------|--------|
| 26-31 607         | 26-31607_12524145  | BH41/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524147  | BH42/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-33965          | 26-33965_125244655 | BH42/0.5 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524149  | BH43/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524151  | BH44/0.1 | 01 May 2026 | <0.5  | <0.5  | <2    | 370   | 7.2   | <0.0002 | 0.0008 | 0.0003 |
| 26-31 607         | 26-31607_12524153  | BH45/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524154  | BH45/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524155  | BH46/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524156  | BH47/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-35301          | 26-35301_125866888 | BH47/0.4 | 29 Apr 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524158  | BH48/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-35307          | 26-35307_125841450 | BH48/0.1 | 29 Apr 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-35307          | 26-35307_125841489 | BH48/0.5 | 29 Apr 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524162  | BH49/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524163  | BH49/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524164  | BH49/0.2 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524165  | BH50/0.1 | 01 May 2026 | -     | -     | 0.2   | 23    | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524167  | BH50/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524168  | BH50/0.3 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524169  | BH50/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524171  | BH55/0.1 | 01 May 2026 | <0.5  | <0.5  | <2    | 250   | 6.8   | <0.0002 | 0.0056 | 0.0007 |
| 26-31 607         | 26-31607_12524172  | BH55/0.4 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524173  | BH56/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524175  | BH57/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524176  | BH57/0.3 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524177  | BH58/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524180  | BH60/0.1 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |
| 26-31 607         | 26-31607_12524181  | BH60/0.5 | 01 May 2026 | -     | -     | -     | -     | -     | -       | -      | -      |

Environmental Standards

\* Soil-specific EILs have been calculated for nickel and zinc in accordance with Schedule B(5)(b) NEPC 2011. (Fill " )

Natural\*

2013, NEPM 2013 Table 1B(1-5) EILs for Urban Res., Pub.OS

2013, NEPM 2013 Table 1A(3) Res A/B Soil HSL for Vapour Intrusion, Sand

2013, NEPM 2013 Table 1A(1) HILs Res A Soil

2013, NEPM 2013 Table 1B(6) ESIs for Urban Res., Coarse Soil

NEPM, NEPM 2013 Table 1B(7) Management Limits in Res / Parkland, Coarse Soil

HEPA, March 2025, PFAS NEMP 2025 HIL: A Residential with garden/accessible soil

AS2159 (2009) Piling - Design and Installation