

28 July 2025

PR-24/0465 - A

Catcon Civil & Allied Technical Construction Pty Ltd
598-600 South Road
Angle Park S.A. 5010

Attention: Mr. Spiro Karamanis

Dear Spiro

LEVEL 1 INSPECTION AND TESTING
WILLIAM LAKES – STAGE 2
RE: CONTROLLED FILL FOR LOTS
(201 – 206), (207 – 225), (241 – 243),
(244 – 248) & (250 – 255)

Earthworks to backfill and placement of controlled fill at William Lakes Stage 2, commenced in August 2024 and was completed June 2025. This work was undertaken by Catcon Civil & Allied Technical Construction Pty Ltd.

Civil & Allied Technical Construction Pty Ltd, commenced earthworks with the stripping of vegetation and the removal of all topsoil, uncontrolled fill, and unsuitable materials within the allotment area, all of which were visually inspected by Lab and Field personnel.

The subgrade was assessed by Lab and Field following the removal of the top soil. The exposed subgrade was inspected and proof rolled, with no defects observed during the assessment.

Controlled fill was placed on the allotments for residential construction by Civil & Allied Technical Construction Pty Ltd in approximately 250mm thick layers, compacted to **95% Standard Compaction (AS 1289 5.1.1)**. Lab and Field Pty Ltd provided earthworks inspection and testing services during fill placement to Level 1 engagement, as defined in **Australian Standard AS3798, Clause 8.2 – “Guidelines on Earthworks for Commercial and Residential Developments.”** Testing was randomly conducted at various locations and layers, as shown in the field density reports.

In small-scale controlled fill areas, testing is generally conducted at a rate of **one test per layer per lot per 1,000m²** throughout the fill placement. Each lot was then tested at the finish level upon completion of the final fill layer within the filling footprint. All compaction test results met or exceeded the minimum dry density ratio as specified.

Based on site observations, survey data, and design plan information provided by Civil & Allied Technical Construction Pty Ltd, the depth of controlled fill throughout the filling area, is **1.5m**.

The depths of fill presented in this letter are not intended to represent the absolute thickness of compacted materials; therefore, variations between measurements may not reflect the maximum field depth on site and should be used for reference purposes only.

The fill was sourced from suitable on-site and off-site materials and may be considered “controlled fill” for the purposes of footing design, in accordance with **Australian Standard AS2870, Clause 6.4.2 – “Residential Slabs and Footings.”**

We trust the above information is suitable for your consideration. However, should you have any further queries or require additional details, please contact us at **(08) 8258 5594**.

Yours faithfully,

LAB and Field Pty Ltd

D.S. Neale

Laboratory Manager

