



**THE ODOUR UNIT PTY LTD**

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by email: [amandeep.brar@veolia.com](mailto:amandeep.brar@veolia.com)

**RE: VEOLIA WOODLAWN BIOREACTOR FACILITY – LONG TERM TREATED LEACHATE SOLUTION LOCATION VARIATION**

Dear Amandeep,

As requested, The Odour Unit Pty Ltd (**TOU**) has undertaken a review of the proposed location variation for the leachate treatment plant (**LTP**) - an integral component to the long term treated leachate solution - at the Woodlawn Bioreactor Facility, Tarago, NSW (the **Woodlawn Bioreactor Facility**). In evaluating the associated effects of this proposed location variation to the expected odour-related outcomes, reference is made to TOU's Report titled *Woodlawn Bioreactor Facility Odour Modelling Study – Long Term Treated Leachate Solution* dated 22 July 2016 (**the July 2016 Report**).

**Proposed location variation**

The proposed location variation for the LTP is highlighted in **Figure 1**. As advised by Veolia personnel, the proposed new location for the LTP, highlighted nominally in **Figure 1**, represents a variation of approximately 40 nominal metres from the original location. It is understood that the proposed location shown in **Figure 1** is a by-product of the final detailed design work for the LTP. It is noted that the proposed new location for the LTP has no impact on the proposed Evaporation Dam 1 (**ED1**) System.





**Figure 1** - Woodlawn Bioreactor Facility Long-Term Treated Leachate Solution: LTP Location North Ridge of the Void dated 2 March 2017



**Commentary on proposed location variation**

Based on the information supplied by Veolia and the modelled outcomes documented in the July 2016 Report, the proposed new location for the LTP is considered to reflect a negligible change to the projected odour impacts for the long term treated leachate solution at the Woodlawn Bioreactor Facility.

Put simply, TOU has no concerns with the proposed new location of the LTP from an odour viewpoint.

Yours sincerely,



Michael Assal B. Eng (Hon)/B.Sc, AMIChemE, MIEAust, CAQP  
Senior Engineer & Consultant