

Project: John Hunter Health & Innovation Precinct Project

Application Number: SSD-9351535

Document: Quarterly Environmental Monitoring Comprehensive Summary

Period: Q4 October – December 2022

In accordance with Condition A28 (a) (v) Multiplex Constructions (Multiplex) have prepared a comprehensive summary of the environmental monitoring results for the John Hunter Health & Innovation Precinct Project (the Project). Below is a summary for the Q4 2022 period for environmental monitoring activities being undertaken on the Project.

Dust

Dust at five (5) locations were measured with dust deposition gauges at the John Hunter Health Precinct for the Q4 (October – December) 2022 period. Dust gauges are placed on the boundary of the site. The neighbouring sites are predominantly known to be health buildings. There is little potential for these businesses to have an impact on the results of the fallout dust.

Dust sampling at gauges 1,3,4, & 5 during the sampling period complied with the recommended guidelines for dust fallout, however, dust sampling at gauge 2 exceeded the permitted monthly increase in dust fallout. In response, additional dust control mitigation measures have been implemented around the location surrounding gauge 2 to ensure compliance with the guidelines. These additional dust control include increased water cart usage and a lowering of the trafficable speed limits in this area.

Construction Noise

During the entire monitoring period there was periods of significant inclement weather with high winds on site. Measured construction noise levels were generally below the management levels stipulated by the NSW EPA. Where exceedances did occur, Multiplex reviewed the works during the period and determined appropriate mitigation measures to ensure future noise impacts are maintained appropriately. Current respite periods are being implemented in line with the project conditions.

Construction Vibration

Measured construction vibration levels were generally compliant with the relevant vibration criteria for the Project. Where exceedances did occur, Multiplex reviewed the works carried out during these exceedance dates and found that heavy construction activities were not completed during this time. Monitoring of construction activities continues to ensure that future construction vibration impacts are appropriately managed and align with NSW EPA 'Assessing Vibration: Technical Guidelines'.

There was a one (1) instance during Q4, 16/11/22, where an SMS notification was sent to Multiplex. Multiplex investigated the exceedance and determined that a tree mulcher from a sub-contractor engaged outside of the JHHIP project was the cause of the exceedance. Multiplex notified APP of the exceedance and the subsequent cause. Multiplex reviewed the works during the period and determined appropriate mitigation measures to ensure future noise impacts are maintained appropriately.