

Project: John Hunter Health & Innovation Precinct Project

Application Number: SSD-9351535

Document: Quarterly Environmental Monitoring Comprehensive Summary

Period: Q1 January – March 2023

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 Q1 2023 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 Q1 (January – March) 2023 period. Dust gauges are placed on the boundary of the site. The neighbouring sites are predominantly known to be health buildings.

Dust sampling results recorded minor exceedances at some of the dust sampling locations. To address this issue and ensure compliance with the guidelines, additional dust control mitigation measures were implemented in these locations. Control measures included increased usage of water carts to minimise airborne dust particles and reduce dust fallout. Additionally, the trafficable speed limits on-site were lowered and roads have been sealed to minimise dust dispersion caused by vehicle movement

Construction Noise

During the 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 consent 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 were four (4) instances during Q1 2023, 24th Jan 26th Jan, 31st Jan, 16th Feb, where an SMS notification was sent to Multiplex. Multiplex investigated the exceedance and determined that the cause of the exceedance was due to earthworks occurring in the vicinity of the monitors. Multiplex notified APP of the exceedance and the subsequent cause. Multiplex reviewed the works during the period and determined appropriate control measures to ensure future construction vibration levels remain under the required limit.