

**Project:** John Hunter Health & Innovation Precinct Project

**Application Number:** SSD-9351535

**Document:** Quarterly Environmental Monitoring Comprehensive Summary

**Period:** Q4 – October 2024 to December 2024

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 2024 period for environmental monitoring activities being undertaken on the Project.

## **Dust**

Dust monitoring for the JHHIP project has been concluded because the roads have been sealed, hydro-mulch finished, and the civil works was handed over. All works are now conducted on sealed roads for the ASB area and dust monitoring will be installed for specific ground or haulage works as identified by the project environmental team.

## **Construction Noise**

Noise is monitored at (5) locations. These locations were selected because of the proximity to sensitive receivers including HMRI, Forensics Building, Newcastle Private Specialists Centre and Possum Place Childcare Centre. Measured construction noise levels were generally below the management levels stipulated by the NSW EPA. During the monitoring period, there were periods of significant inclement weather (rain and high winds) which caused noise level exceedances which are unrelated to construction works, additionally the ongoing earthworks carried out by Fulton Hogan has caused noise monitoring exceedances at times when the JHHIP works were not occurring in these areas. 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**

Vibration monitoring is located at 10 positions. These locations were selected because of the proximity to sensitive receivers including HMRI, Forensics Building, John Hunter Hospital (External)1, John Hunter Hospital (External)2, John Hunter Hospital (Internal), Research Support Unit, New Lift, P4 Northern Boundary and Possum Place Childcare Centre. 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 periods and found that heavy construction activities were not the causal factor of the exceedances. Monitoring of construction activities continues to ensure that future construction vibration impacts are appropriately managed and aligned with NSW EPA 'Assessing Vibration: Technical Guidelines'.