

## Construction Monitoring Results

The Coffs Harbour Hospital Expansion Project complies with strict environmental and planning controls as detailed in the Construction Environmental Management Plan. Mitigation measures are in place to manage noise, dust and vibration.

As a condition of State Significant Development approval SSD8981 the Coffs Harbour Hospital Expansion Project will provide reporting on environmental performance which may include but not be limited to noise, dust and/ or vibration monitoring levels.

### Monitoring results

The following exceedance criteria is applied to the Coffs Harbour Hospital Expansion Project site:

- **Noise** – The noise criteria for the project is noise to be limited to 10dB(A)<sub>Leq(15min)</sub> above ambient levels and a Highly Noise Affected goal of 75 dB(A).
- **Vibration** – The precautionary vibration criteria for the project are:
  - **Structural** - 50mm/s peak particle velocity for frequencies >4Hz;
  - **Human Comfort** (impulsive Vibration) – Critical working areas e.g. operating theatres, precision laboratories etc. – Maximum 0.28mm/s Peak Velocity; Offices Maximum 36mm/s Peak Velocity
- **Air Quality** – The target for Dust NOS is set as a 24-hour rolling average of PM10 at 150µg/m<sup>3</sup> (15min).

|                    | Reporting period | Exceedances reported | Exceedance Cause | Project Response   |
|--------------------|------------------|----------------------|------------------|--|
| <i>Noise</i>       | April 2021       | No                   |                  | Typical internal refurbishment activities and equipment, in combination with the works being fully enclosed by the existing building, result in negligible noise impacts at off-site receiver locations. |
| <i>Vibration</i>   | April 2021       | No                   |                  | Typical internal refurbishment activities and equipment, in combination with the works being fully enclosed by the existing building, result in negligible vibration impacts.                            |
| <i>Air Quality</i> | April 2021       | No                   |                  | No dust generating works conducted outside the building in this period.  |