

Noise Fact Sheet

Barangaroo South



Lend Lease is committed to ensuring that the environment is protected during both construction and the future operation of the Barangaroo South precinct. This includes ensuring the local community is not impacted by noise associated with our works.

Operating under an Environment Protection Licence from the Environment Protection Authority (EPA), Lend Lease implements extensive noise mitigation measures on site, as well as a noise monitoring program, to minimise adverse impacts resulting from construction activities at Barangaroo South.

Noise mitigation measures

A broad range of mitigation measures are implemented on site, depending on the nature of the work being carried out. Such measures include:

- Selection of plant and equipment to reduce the level of noise
- Working within approved working hours, with out of hours work only for special circumstances
- Establishment of general work practices to reduce the level of noise, such as site layout
- Acoustic silencing devices on equipment where possible, such as non-tonal reversing beepers on all machinery
- Implementing respite periods, if necessary
- Noise barriers around particular plant used on site
- Communication with our neighbours concerning louder activities or out of hours works
- Training and inducting all construction workers to ensure they are aware of the importance of reducing noise levels whenever possible
- Checking noise levels from specific plant and equipment

Noise monitoring

The EPA has guidelines that set out appropriate levels of noise from construction sites. Noise levels from construction have been modelled as part of the environmental assessments of the project. The results of the modelling, and the EPA guidelines, have been used to set noise objectives and limits for construction works.

Automated noise monitors are located at Balmain East, Darling Island, and at two locations in Hickson Road. If the noise monitors detect higher levels of noise than expected, alerts are sent to construction staff and measures put in place to address the issue.



Automated noise monitor on light pole

