

Fact Sheet

New Shellharbour Hospital

December 2024



Managing construction noise, dust and vibration

Main works construction for the new Shellharbour Hospital is now underway as part of the more than \$780 million New Shellharbour Hospital and Integrated Services Project, funded by the NSW and Australian governments.

BESIX Watpac has been engaged by Health Infrastructure to build the new hospital.

This fact sheet outlines how the new Shellharbour Hospital project manages and mitigates construction noise, dust and vibration.

Noise and vibration

To build the new Shellharbour Hospital, BESIX Watpac needs to use machinery and equipment that may generate some noise and vibration.

We recognise that construction noise and vibration can be disruptive, especially in residential areas. The

project is committed to reducing these impacts where possible. As part of these efforts, the project engaged with the community on the Construction Noise and Vibration Management Plan. The plan sets out the management strategy for this aspect of the works for the new Shellharbour Hospital. The community will be informed before work starts.

We have previously contacted all eligible properties near the construction site to arrange for property condition surveys to be undertaken prior to works commencing. There are guidelines we follow that limit the level of vibration to minimise the effects upon surrounding buildings.

These consider the type of building, for example residential, commercial or industrial.

The project has a number of other measures in place, including (but not limited to):

- Monitoring noise and vibration levels
- Applying appropriate respite during noisy activities
- Limiting the duration of noisy work, including

completing this work during standard construction hours

- Limiting the use of multiple plant and equipment at the same time and location
- Using non-tonal reversing beepers on plant, equipment and heavy vehicles
- Turning off plant and equipment when not in use
- Providing advance notification of noisy activities.



Dust Management

Reducing dust caused by construction is a key focus on the new Shellharbour Hospital project.

A broad range of dust mitigation measures are implemented on site, depending on the nature of the work that is being carried out.

These include:

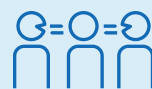
- Changing the activities that take place during high winds and poor weather conditions. For example minimise activities where possible and implement additional dust suppression controls
- Compacting and sealing of dirt to ensure it doesn't become airborne
- The use of road sweepers along surrounding roads to collect dust and dirt
- The use of hand-held water sprays and water carts
- Daily air monitoring and real time tracking during construction

Construction hours



Our planning approval construction working hours are between 7am to 6pm Monday to Friday, and Saturday between 8am to 1pm, weather permitting.

Due to the nature of the work and for the safety of the community, there may be times where some works will be undertaken outside these hours. We will notify you in advance if we need to work outside these times.



For an interpreter, call 131 450 and ask them to call 02 9978 5402

For more information

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