



Managing construction work

We recognise that construction work has the potential to affect our neighbours and the local community.

We're committed to managing construction work on and around the new Tweed Valley Hospital site in accordance with requirements of the State Significant Development Consent for this Project, to protect the health and safety of the community, construction workers and the environment.

Overarching management and governance

All major construction projects, like the new Tweed Valley Hospital, are strictly managed to comply with legislative workplace health and safety (WHS) and environmental requirements as well as the conditions of our planning approval.

All construction companies engaged by Health Infrastructure are required to hold independently certified WHS and Environmental Management Systems.

WHS and environmental risks on the early works for the Tweed Valley Hospital are identified, planned and mitigated through the contractual and legislative responsibilities of the principal contractor, Lendlease Building and a comprehensive construction and environmental management plan, which can be found online at:

www.tweedvalleyhospital.health.nsw.gov.au/delivery/early-works/early-works-documents/construction-environment-management-plan



Noise and vibration

During construction the local community might experience some noise and vibration from heavy vehicle and equipment operations, rock breaking and piling foundation works.

How is noise and vibration managed?

All reasonable preventative measures are used to reduce noise and vibration coming from the site to surrounding properties and mitigate the impact of noisy activities. Some of the measures we have in place include:

- Turning off equipment and vehicles when not in use
- Ensuring generators and other equipment are fitted with high specification silencers
- Locating noisy equipment away from immediate neighbours, where practical
- Scheduling noisy activities outside sensitive times of the day and specific periods of the year
- Scheduling respite periods during noisy activities.

How is noise and vibration monitored?

Three continuous noise and vibration monitors are installed on the site. If a monitor detects a higher level of noise or vibration than expected, alerts are sent to construction staff to review the work activity and implement additional management measures.

Dust management

How is dust managed?

A range of air quality control measures are implemented on the site, depending on the type of work being carried out. Typical measures include:

- Covering the loads of vehicles coming into and out of the site
- Using on-site water carts to dampen exposed materials with water and water sprays to suppress dust during activities such as excavation and rock crushing
- Dampening of soil stockpiles during periods when they are being used
- Treatment of soil stockpiles that are not being disturbed in the medium term, such as the upcoming two-week Christmas break, with a citrus based binder that lasts up to three months and can be re-applied as required
- Hydro-mulch treatment (a mix of a native grass seed, water and a biodegradable adhesive) of soil stockpiles to stabilise them when inactive for extended periods of 12 months or more
- Changing or ceasing certain activities on site during high winds and poor weather conditions.

A digital weather station has been installed on the site to monitor weather conditions in real-time, which also helps the construction team to plan ahead for adverse weather conditions.

Independent site inspections

To provide assurance that construction works are being properly managed, the Department of Planning, Industry and Environment undertakes site inspections to audit compliance with the comprehensive construction management plans required by the State Significant Development Consent.

The Department of Planning, Industry and Environment has undertaken independent site inspections in July, September and November 2019. These inspections have included reviewing air quality monitoring records and dust management controls. No non-compliances have been identified during these inspections and independent site inspections will continue throughout the construction period.

How is air quality monitored?

Air quality is monitored continuously during construction.

These air quality monitors provide real-time alerts if the air quality levels reach certain levels. If this occurs, relevant construction activities are stopped and/or additional controls employed to ensure compliance with the requirements set by the Environmental Protection Agency at all times.

Are there harmful pesticides and/or other contamination in the soil being moved around the site?

Extensive site contamination investigations were conducted by independent experts in 2018 prior to construction work commencing on the site. These investigations identified some small areas of surface contamination around the pre-existing farm structures and house.

Remediation of these isolated areas has been completed to make them safe and this work was overseen by an independent environmental consultant with specialised air monitoring in place.

Outside of these areas, extensive testing of the soil was performed for hazardous hydrocarbons, metals and chemicals (including pesticides) which did not find any unsafe concentrations. The details of these investigations are publicly available on the Department of Planning, Industry and Environment Major Projects website at: www.planningportal.nsw.gov.au/major-projects

How is water being conserved?

From Friday 13 December 2019, Tweed Shire Council has imposed Level 2 water restrictions for Tweed Heads, Tweed Coast, Murwillumbah and Uki with the target of reducing drinking water usage by 50 litres per person per day.

To help conserve drinking water supplies, the project team are working with Tweed Shire Council to investigate options to use treated recycled water for dampening haul roads and stockpiles to manage dust generation.

During operation of the Tweed Valley Hospital, a number of water saving initiatives will be implemented to ensure a best practice approach, including rain water harvesting tanks, recycling of water generated from producing purified water for dialysis and the latest water saving technologies for fixtures and fittings in staff and public areas.

Traffic, trucks and roadworks

Construction work will see an increase in truck movements in and around the site. At times, oversize vehicles will deliver heavy machinery such as excavators, dozers, dump trucks and piling rigs.

The main construction site entry has been designed to allow trucks to move completely off the road before stopping at the site gates, allowing the traffic on Cudgen Road to continue to flow smoothly and safely.

In addition, roadworks are being undertaken to build new vehicle access points to the site. This includes a new permanent left-turning lane on Cudgen Road into the hospital site and a new access point from the Turnock Street roundabout. The new permanent left-turning lane will assist in managing traffic flow during construction, allowing trucks and other construction vehicles to separate from the through-traffic.

Residents and road users may experience short travel delays on Cudgen Road and Turnock Street as speed limits are reduced in the vicinity of the roadworks to keep construction workers safe and traffic moving. Both lanes on Cudgen Road will remain open for the majority of the work and no detours will be required.

Construction vehicle movement restrictions

To minimise the impact on local traffic, large construction vehicle movements to and from the site are scheduled to occur outside of the morning peak period of 8am to 9am and afternoon peak period of 2:45pm to 4:15pm.

Will the construction team park on local streets?

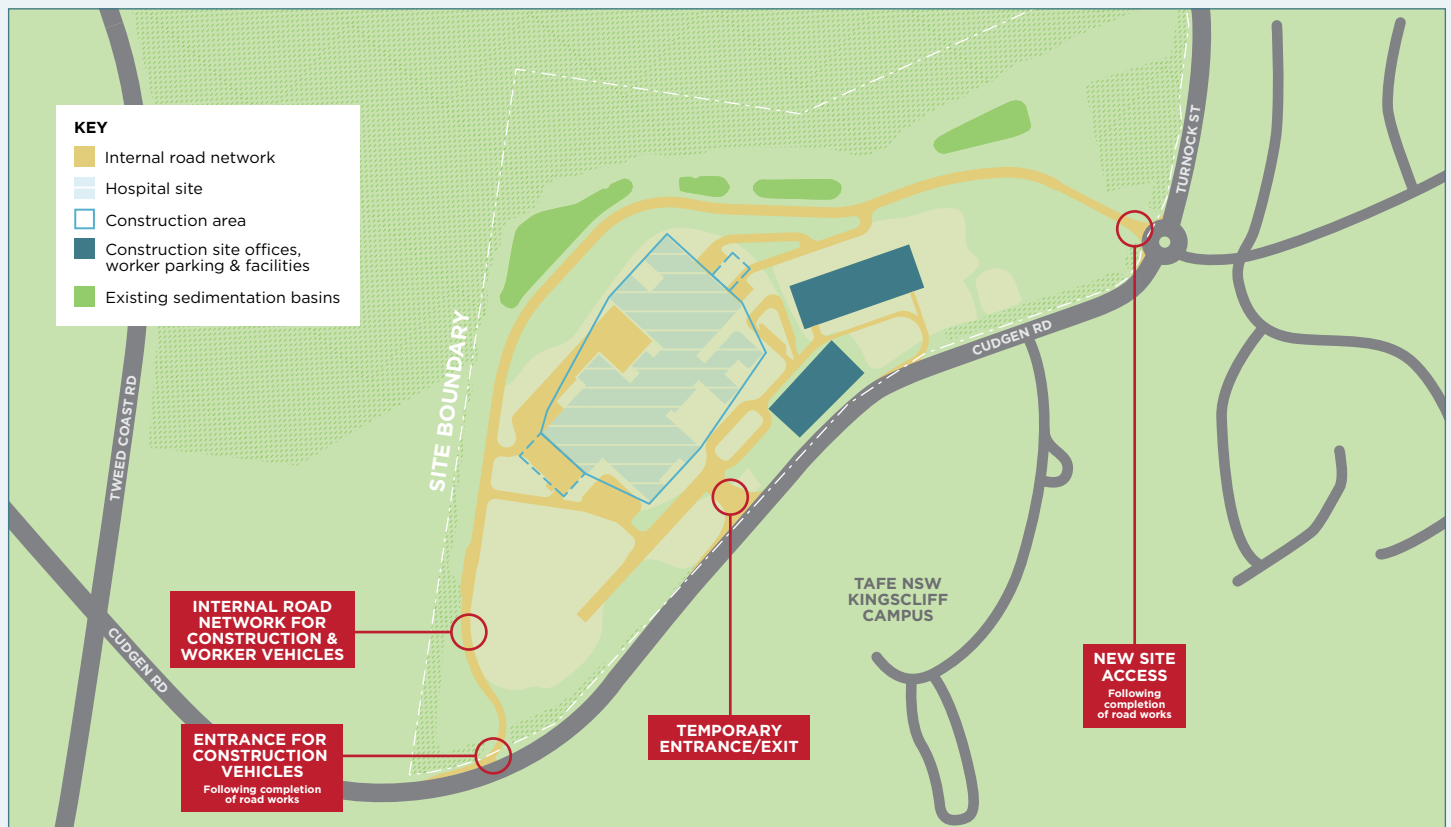
All construction workers are required to park on the Tweed Valley Hospital site in designated areas.

What can I do if I see unsafe driver behaviour or unauthorised car parking?

We encourage you to report any unsafe driver behaviour or unauthorised car parking to the project team as soon as possible. To determine if a vehicle is working on the project please provide the vehicle registration number.

Where are construction vehicles accessing the site?

Construction vehicles will access the site using Cudgen Road and exit the site via Turnock Street, once roadworks are complete.





Keeping you informed

We are committed to keeping you informed about construction works at the Tweed Valley Hospital site.

For project-related information, subscribe to our community newsletter, Valley Pulse, by visiting our website,

www.tweedvalleyhospital.health.nsw.gov.au/News-and-publications/Newsletters

In addition to our community newsletter, we will issue works notifications to provide important and timely information to the community about the works and changes on and around the site. Visit our website

www.tweedvalleyhospital.health.nsw.gov.au/delivery/early-works to subscribe.

You can also call or email the project team on the details below for further information.

Project hotline: 1800 992 634

Email address: tweedvalleyhospital@health.nsw.gov.au

Providing feedback

We are committed to working with the community to ensure everyone's safety and well-being, within and around the site.

If you have any feedback or concerns, please contact the project team by calling our project hotline or emailing us.

Project hotline: 1800 992 634

Email address: tweedvalleyhospital@health.nsw.gov.au

Any concerns raised will be logged and managed professionally in accordance with the Guidelines for Complaints Management AS/NZS 10002:2014 and we will work with you to promptly address your feedback.

Want to know more?

The Construction Environmental Management Plan and sub-plans are available on our website, www.tweedvalleyhospital.health.nsw.gov.au/delivery/early-works/early-works-documents/construction-environment-management-plan

Sub-plans include:

- Construction Noise and Vibration Management
- Construction Traffic and Pedestrian Management
- Contamination Management
- Heritage and Archaeological
- Construction Waste Management
- Construction Soil and Water Management
- Flood Emergency Response
- Construction Air Quality and Dust Management.



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