

- The Environmental Protection Agency has specified the processing system must be within the park.
- The system must meet current environmental standards.
- The system needs to minimise affects to the park residents, park users and the wider Brooms Head community.
- The system must be capable of processing sufficient effluent to cater for current and future the users of the park including day trippers.
- The location of the system needs to comply with zoning regulations and avoid areas of Aboriginal heritage.
- The area of disposal needs to be capable of receiving the amount of treated water which could be output by the system.
- Minimise clearing of vegetation.
- The system had to minimise noise and smell.

What are the effects on neighbouring properties and the ridge that is used for site seeing and walking?

As with any construction project there will be some noise and restricted access to the work site while the construction occurs. It is thought that the process of excavation might take around 4 to 6 weeks for the disposal beds along the ridge and the installation of the system should take a similar time.

The access to the ridge would need to be returfed and revegetated (mainly ground covers and prostrate species to maintain views) so this area would need a little time after that to rejuvenate the area and bring it back to current condition to allow for access.

After installation of the system the ridge will be almost the same as it always has been (please refer to Figure 1 and photo of a typical effluent application area below).



Figure 1 – Effluent Application Area

How the Disposal System works

Figure 2 below is a sketch which best shows the process of how the disposal system will work.

The wastewater under is secondary treated and then undergoes further treatment through the evapotranspiration and infiltration process.

These beds are around 1.5mtrs deep and will be spaced around 3 metres from the boundary.

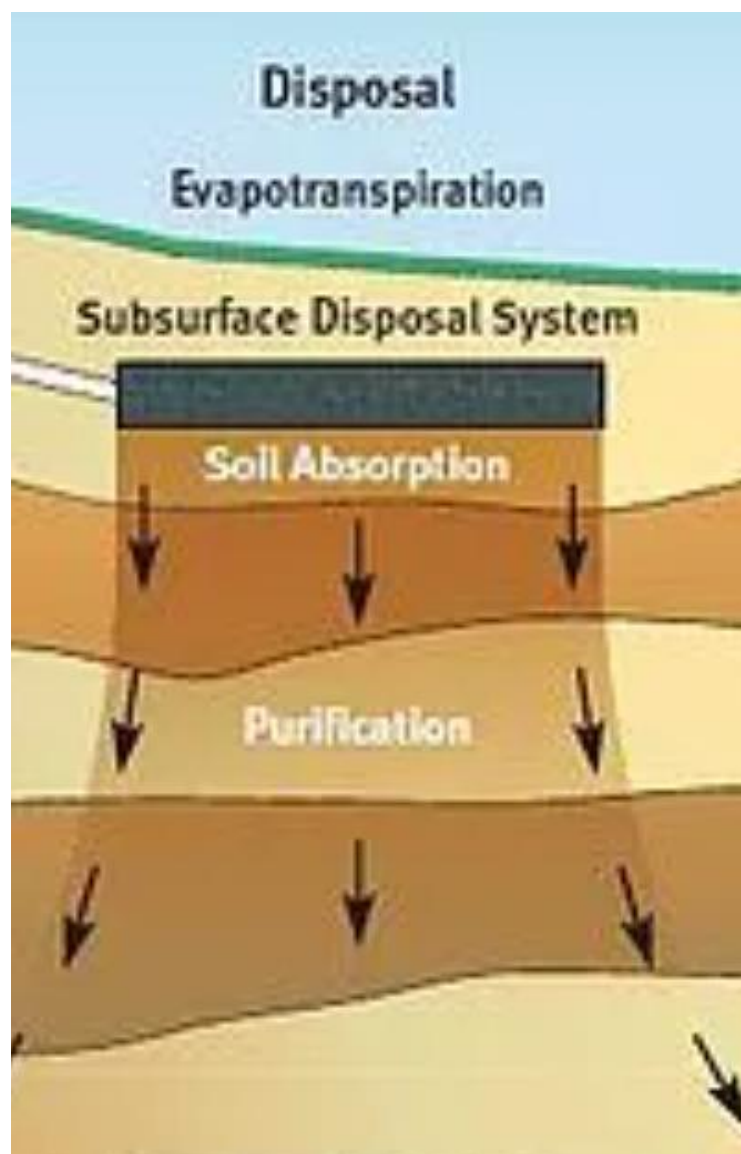
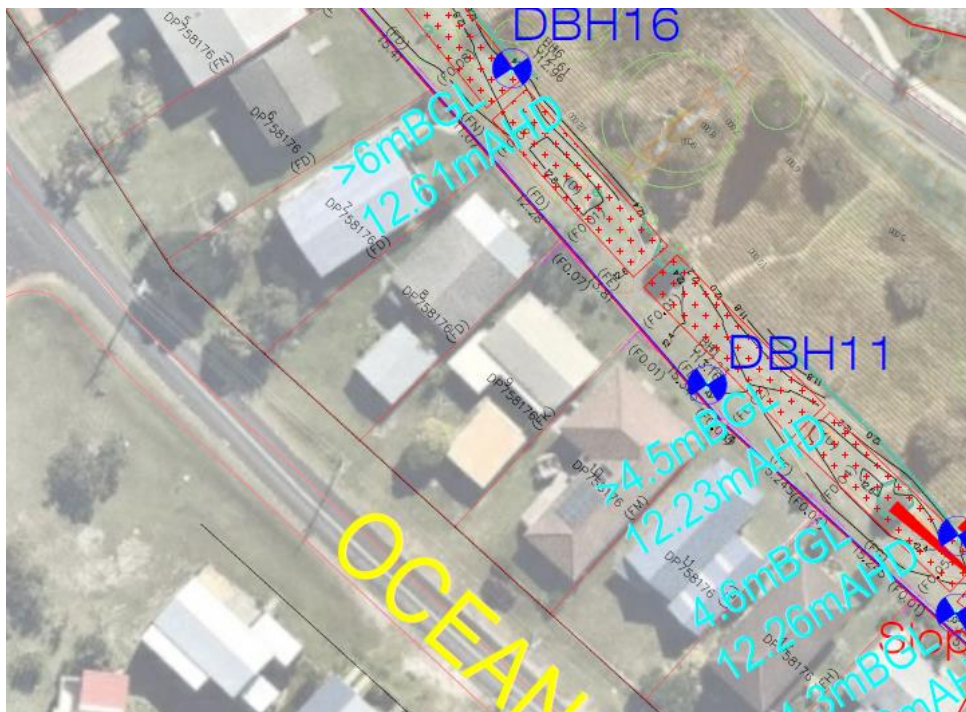
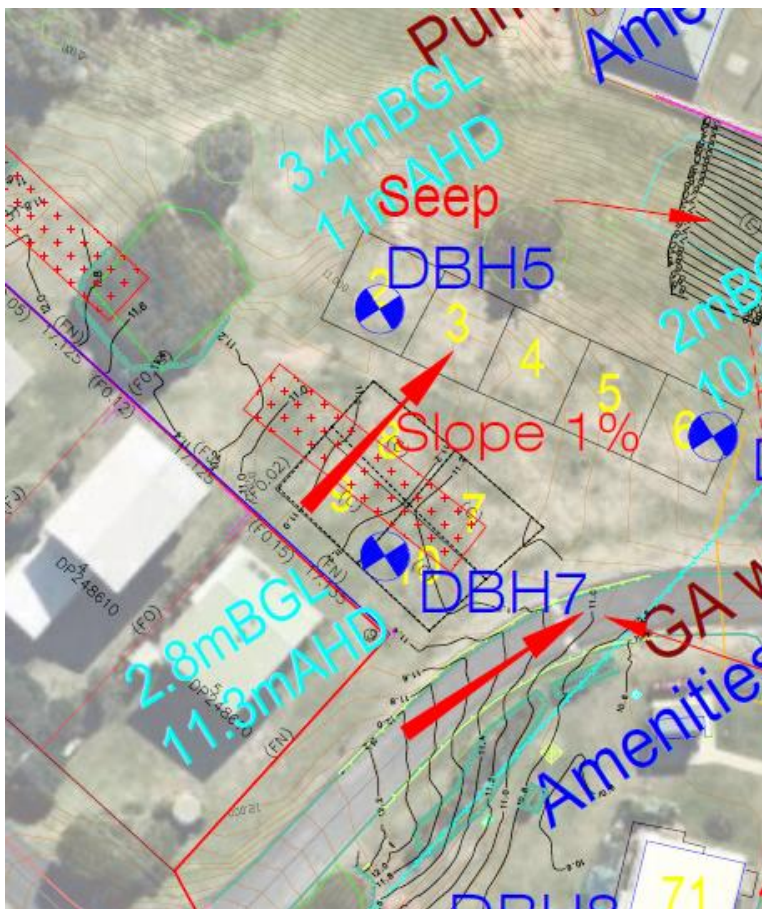
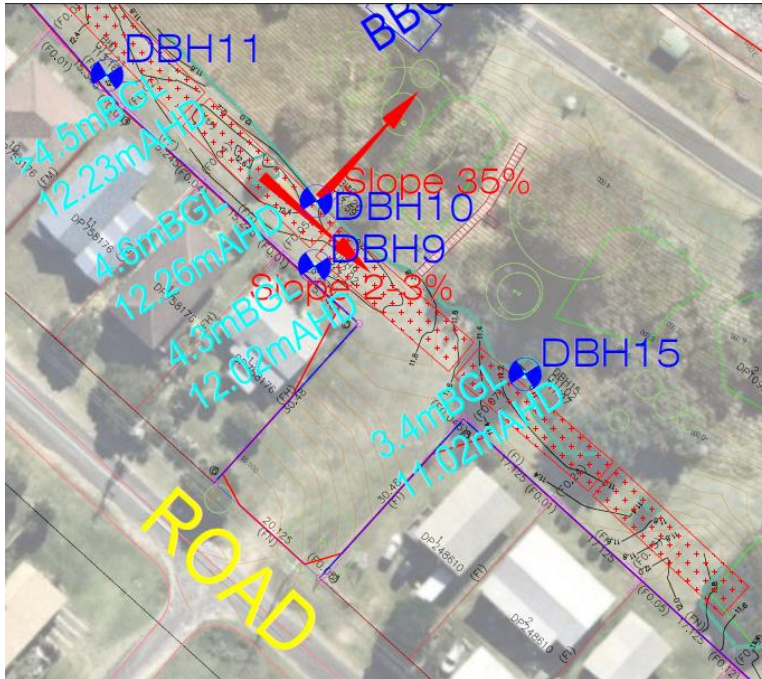


Figure 2: Extract Lentz Wastewater Website

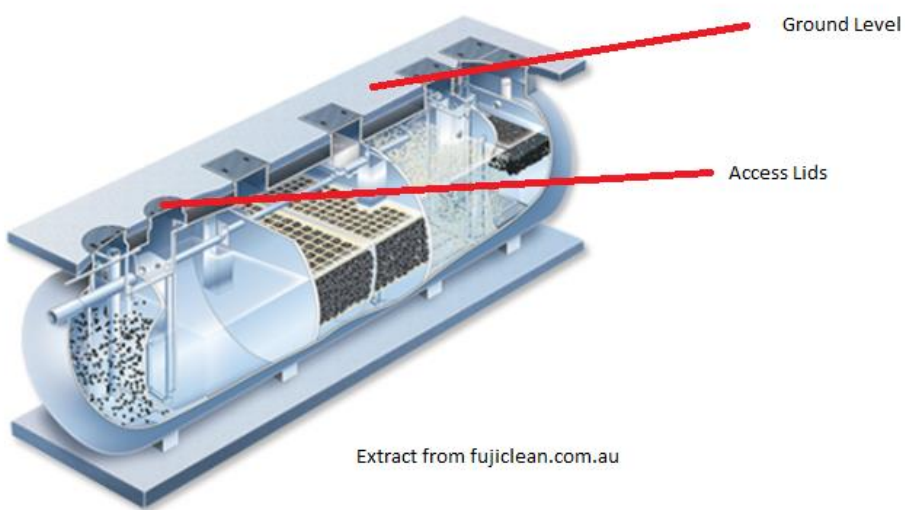
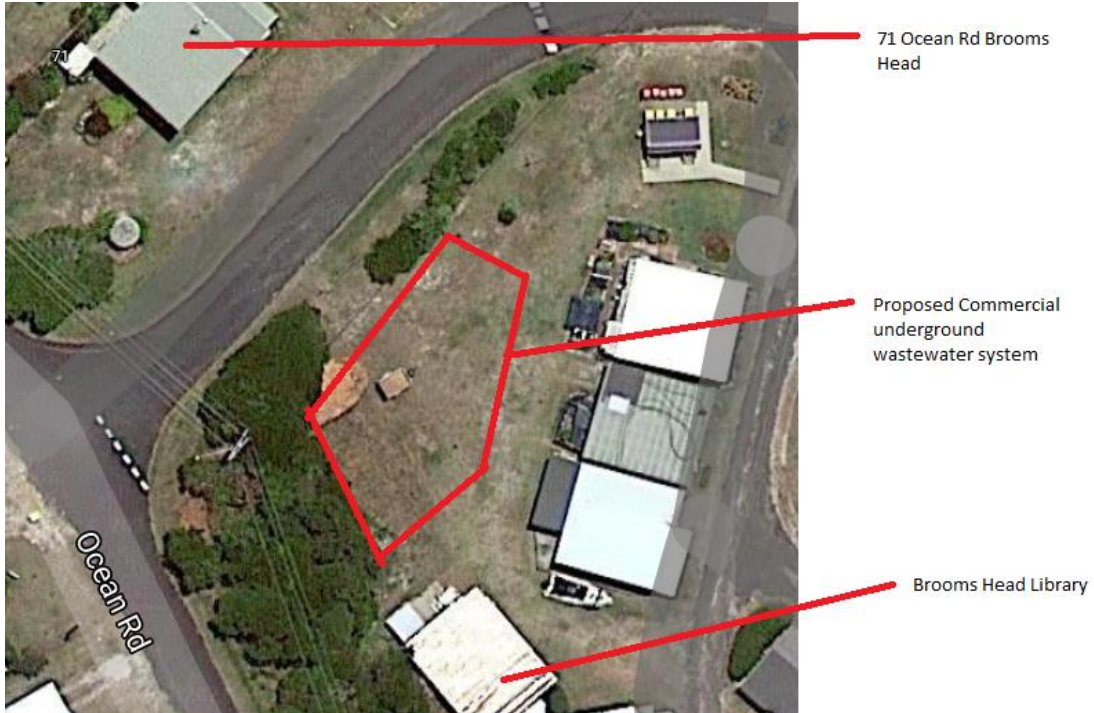
Proposed Locations of Beds





Proposed Package Treatment Plant

It is proposed that a commercial underground wastewater system be installed in the area adjacent to the Brooms Head Library in the location shown below.



Proposed Style of treatment

The completed surface and ground level shall be completed similar that as shown in the image below.



Any more questions?

If you have any other questions regarding the project you can contact Council via council@clarence.nsw.gov.au or telephone 6643 0200. Please direct all enquiries to Project Manager Justin Menzies.

Yours Sincerely

Justin Menzies
Project Manager