

Eyre Peninsula desalination project update

Building a secure water future for Eyre Peninsula

The project's huge 117-tonne drill rig, which arrived on site last month, continues to make its mark at the wastewater treatment plant.

The vertical drill rig is a specialised piece of machinery, and it's so tall it can be seen from across the entire township of Port Lincoln. Since its arrival, the rig has been used to bore holes for piles — this is now complete, with 112 piles drilled.

Each pile is about 90 centimetres in diameter and more than 16 metres in length. The visible part of each pile, which is above ground, is about the same height as a 2-storey building. The rest of the pile is underground, and its depth is equivalent to the height of a 3-storey building.

The piles are infrastructure for the area that will become the marine intake pump station, and will enable the safe excavation of the vertical shaft which will support the project's tunnel boring machine.



Transfer pipeline progress

If you have been on Proper Bay Road recently, you may have noticed some activity on the verge. This is all part of the 'pipe stringing' process, where sections of pipe are laid out before being welded together and installed underground.

As well as pipe stringing, our contractors, Leed Engineering, have removed the section of railway line that intersects with Blue Fin Road, in preparation for the pipe installation to the Northside Hill tanks.

We have shared information about works with the community that lives and works along the transfer pipeline alignment route, from Greyhound Road through to Blue Fin Road.

To ensure the community is fully informed, a member of Leed's stakeholder engagement team will be dropping by to those along the route so everyone is aware of what to expect with pipeline construction.

Excavation and pipe laying work is planned to start at the end of this month. A large trenching machine will be on site, and trucks will remove soil and bring sand in to pack around the pipe.

Leed plan to lay about 300 metres of pipe in a day and will have traffic management set up around their worksite to ensure the safety of the community and workers.

The photo below, which shows our work trenching on Kangaroo Island, is an indication of what to expect.



As part of our pipe laying work, a portion of Greyhound Road that traverses past the wetlands will be reconstructed and improved. This will require the temporary closure of this section of Greyhound Road in the coming months, and we will continue to provide updates in the newsletter.

Electricity connection

SA Power Networks are another step closer to connecting electricity from the Port Lincoln electricity substation at Sleaford Terrace with the plant site at Billy Lights Point.

Electricity cables have been pulled through underground trenches, and most of the roads where trenches were excavated for the underground cables have now been resealed. New Stobie poles are still to be erected along the unmade portion of Windsor Road as it heads south to Greyhound Road and along some sections of Greyhound Road. We are installing Stobie poles, rather than trenching, in areas with native vegetation and natural water sources.

Talking water rebates at Ceduna Oysterfest

Members of our team continue to actively engage with local communities across the Eyre Peninsula to share information about water security, rebates and sustainable water use.

Most recently we attended the Ceduna Oysterfest, talking to people about how to make use of SA Water rebates to upgrade to more water efficient appliances.

The SA Water Quench Bench was welcomed during the event's hot weather, providing free and safe drinking water for attendees.

The team also supported the local community, with proceeds from the sale of our reusable water bottles going directly to Foodbank Ceduna.

We continue to work closely with the community and government partners to implement the Water Security Response Plan, ensuring we collaborate to safeguard Eyre Peninsula's water supply.

Community groups interested in hosting presentations or learning more are encouraged to contact the team at

EyrePeninsulaWaterSecurity@sawater.com.au or visit **sawater.com.au/EPwatersecurity**.



Stay informed and get in touch

Stay in the loop as our project takes shape. With construction now well underway, it is the perfect time to make sure you and those around you are receiving the latest updates.



Encourage your family, friends, and neighbours to scan the QR code and sign up for construction news, so no one misses out on important project progress.

If you have any questions or would like to chat with someone from our project team, please feel free to get in touch. We would love to hear from you.



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