

Refresh Vaucluse and Diamond Bay

Sydney
WATER



Cleaning our blue backyard together



We are one step closer to changing history! Below the cliffs of Vaucluse and Diamond Bay, wastewater flows directly into the ocean untreated and this is no longer acceptable. It's time for change and we're continuing to work to ensure this iconic area of Sydney gets the clean, blue backyard it deserves.

This project will have many environmental benefits – improving the harbour and coast water quality, protecting the health of marine ecology and community, and reducing odour – but it will also bring the wastewater system into line with the rest of Sydney.

Since our last update, we have been working closely with Councils, residents and the community to further develop the design for the Refresh Vaucluse and Diamond Bay project.



In December 2021, we investigated several project locations, to help identify the location of utilities and collect geotechnical data about the area. This data and the feedback we received from you are informing our design.

We know it won't be simple or easy to retrofit a network nearly 100 years old but we also know it needs to be done.

So, this newsletter will provide you with an update on the project progress and our plans to connect the outfalls to Bondi's treatment plant.

We are also asking for your feedback on the design - you can scan the QR codes in this document to fill out a quick survey for each location.

Parsley Bay

There is one ocean outfall in Vaucluse and our plan is to build a new pumping station at Parsley Bay where the current toilet and shower block sits, to direct the wastewater away from the ocean.

Since our last update, we have been working to optimise the design further to ensure that we minimise the impact our work will have on the surrounding area.

We will try to reduce our construction footprint as much as possible, however there will be significant restrictions to public access as we build in Parsley Bay.



In consultation with Woollahra Council and the community, we will build a new and improved toilet and shower block on the ground floor of the Caretaker's Cottage.

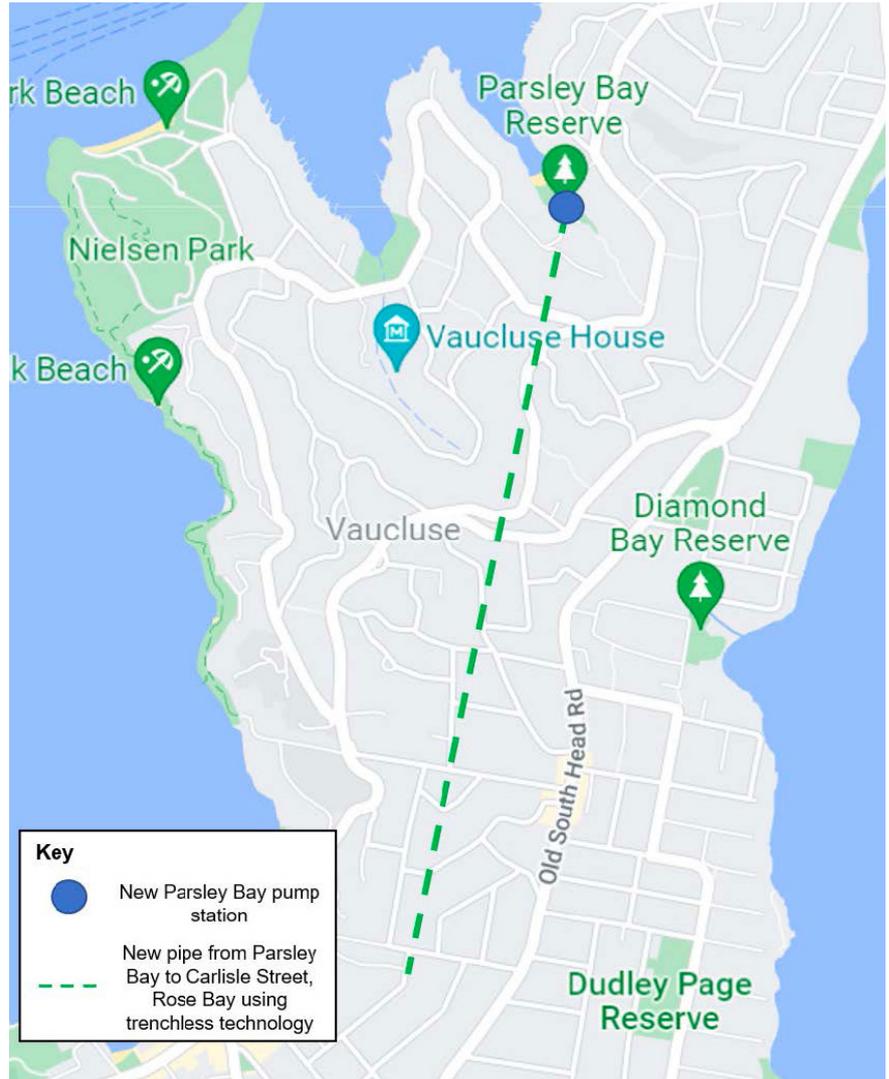


From Vaucluse to Rose Bay

We will build a new 1.8 km pipe to move the wastewater from Parsley Bay to Carlisle Street in Rose Bay. We will be using trenchless technology to dig a hole slightly wider than the pipe (37.5cm) and insert the pipe up to 60m below ground. There will be however some short sections of open trench work where we connect the pipes.

We then need to connect the new pipe from Carlisle Street to the existing network on Dover Road. This section of pipe will be laid just below the surface by digging trenches along the roadway. We'll lay the pipe in sections and weld the pieces together (known as stringing and welding) before laying them in trenches in the ground. We'll continue to provide updates on the construction methodology as we prepare for construction. We will also install maintenance holes and a ventilation shaft on Carlisle Street, as well as some maintenance holes on Dover Road to support this new infrastructure.

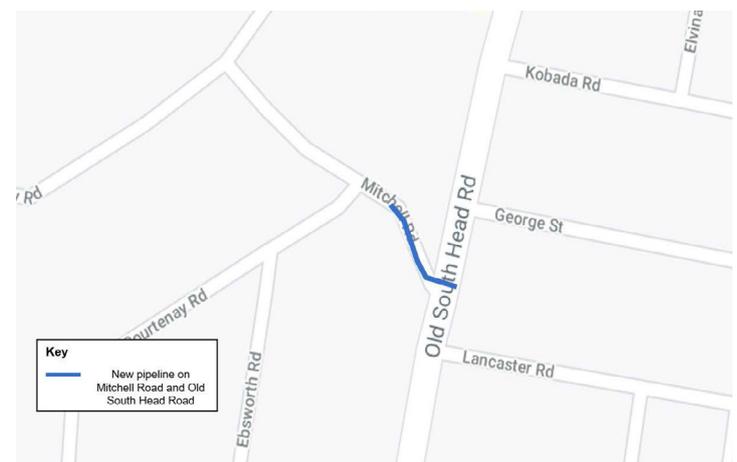
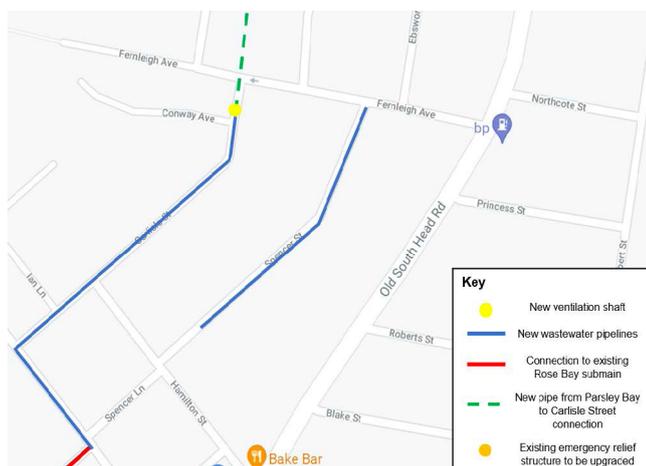
To meet the growing water services demands of the area and to meet license conditions, we will increase the capacity of the wastewater system even further, by installing new pipelines along Spencer Street, Old South Head Road and Mitchell Road. We'll also be upgrading the existing emergency relief structure in Ian Street. We've optimised the design by reducing the number of maintenance holes on Mitchell Road.



Rose Bay feedback



Construction works in Rose Bay

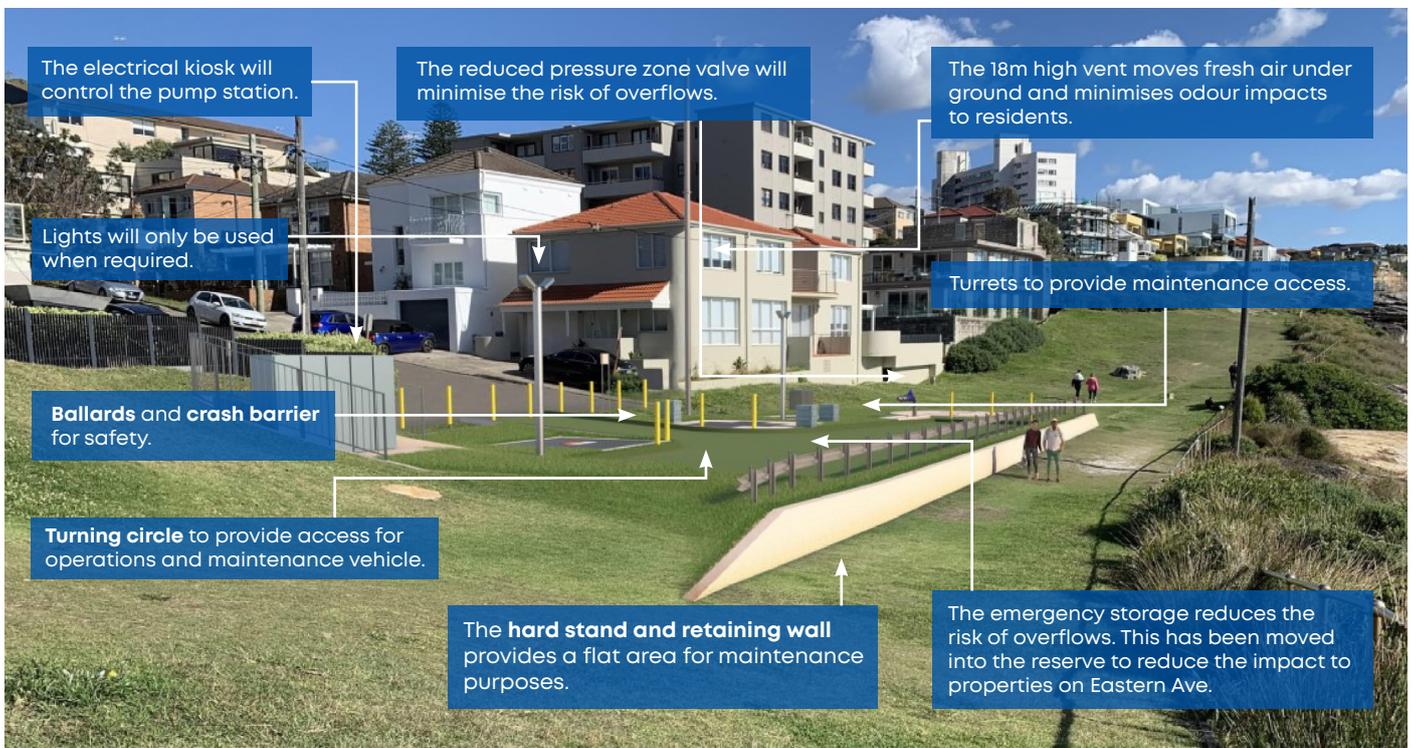
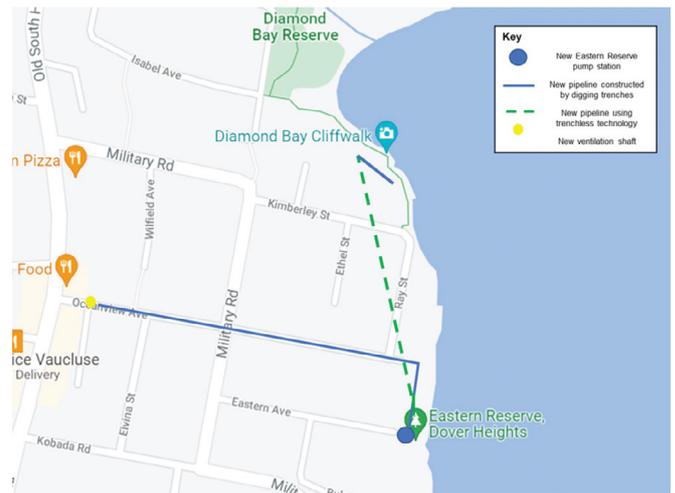


Dover Heights

There are two ocean outfalls in Diamond Bay and we will need to build a new pipeline from Diamond Bay Reserve to connect them to the new pump station at Eastern Reserve, Dover Heights. The pipeline will be laid using trenchless technology. There will be however some short sections of open trench work where we connect the pipe.

We will also build a new pipe along Oceanview Avenue to connect the pump station to the existing wastewater system at Oceanview Avenue near Morton Ave. It will be carried out by an open trench excavation. We'll be also installing new maintenance holes and a ventilation shaft on Oceanview Avenue.

We are working with local residents and Waverley Council on the Eastern Reserve pump station design, particularly on reducing the footprint and improve the visual appearance. Please scan the QR code below to see three different design options for the pump station and provide your feedback.



Have your say!

We will keep the conversation going as we continue to progress the design and the timing and staging of the construction work. Scan the QR codes in this newsletter to fill out our feedback surveys for each location.

We will hold an online Q&A session on Wednesday 27 April 2022. If you would like to attend, please visit our website to register, or email or call us.

Email vauclosediamondbay@sydneywater.com.au

Call 1800 491 757

Eastern Reserve
feedback



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