



Sydney
WATER

Refresh Vaucluse and Diamond Bay

Cleaner Oceans and Waterways

**Community Update
December 2019**

Cleaner oceans and waterways

In November 2018, the NSW Government committed to stop the continuous flow of untreated wastewater from three ocean outfalls at Vaucluse and Diamond Bay.

This will improve water quality, address odour and pollution and public health risks associated with the ocean outfalls and bring your wastewater system up to the same standard as the rest of Sydney.

These untreated ocean outfalls are the last three in NSW and are a legacy from Sydney's early wastewater network.

Community journey

Sydney Water is thankful for the support we have received from the community as we work to develop a solution which has the most minimal impact on the environment and ensures we have cleaner oceans and waterways for generations to come.

In May 2019, we continued working with the Community Reference Group (CRG), local stakeholders and councils who guided us with input on local priorities and values as we developed the solution's design.

We held six community information pop-ups sessions in Rose Bay, Parsley Bay and Eastern Avenue Reserve, where we met and listened to almost 300 people.



Members of the community at our pop-up information sessions, November 2019.

Our progress

We've completed topographical and geological surveys to firm-up what the final solution will look like and where assets can be located.

Incorporating the community's feedback, we will make refinements and complete our environmental assessments, which will be advertised in March 2020. As part of this process, we will seek formal community submissions and, if needed, make final adjustments.

Details on our construction plans will be available in the second half of 2020.

The plan so far

Almost all the new infrastructure will be located below ground. Anything above ground, such as valves or electrical kiosks, will be minimal and designed to blend as much as possible with the existing environment.

New wastewater pipes, ranging between 20cm to 37.5cm in diameter, will be laid using trenchless technology up to 80m below ground, so there will be minimal construction impacts during or after construction. There will be some short sections of open trench work on the road verges where we connect to the existing network.

Vaucluse catchment

We need to connect the pipes in Vaucluse and Watson Bay to a new pipe, and pump the wastewater to the existing Rose Bay network.

The existing wastewater pipes for Vaucluse and Watsons Bay converge and connect to the Vaucluse ocean outfall in Parsley Bay. We therefore need to work in Parsley Bay to redirect the catchment to new pipes.

Working with the CRG and Woollahra Council, we looked at the suitability of several possible sites for the wastewater pumping station. Most were ruled out because of heritage sensitivities or community impacts.

It was agreed to locate the pumping station underground where the existing amenities building is located at the rear of the Parsley Bay Reserve car park. Before starting, we will build a new amenities building closer to the recreational area. We will continue working with Woollahra Council to develop the design of the new facility.

Diamond Bay catchment

We plan to connect the two Diamond Bay ocean outfalls, then pump the wastewater to the existing wastewater network at Old South Head Road. This pipe is large and has capacity, so it's the easiest way to get the wastewater to the treatment plant at Bondi where it will be treated and discharged into the ocean through deep ocean outfall pipes.

Working with Waverley Council and guided by local input, we will refine the design to blend with the environment. We will also contribute to Council's planned improvements to the clifftop boardwalk at Diamond Bay.

Visit sydneywatertalk.com.au to see details of the solution design and artists impressions.



Community members and Rotary Club volunteers at our community information pop-up sessions, November 2019.



Bondi Wastewater Treatment Plant (WWTP)

Existing sewer

- - - New connections
(alignment is
indicative only)



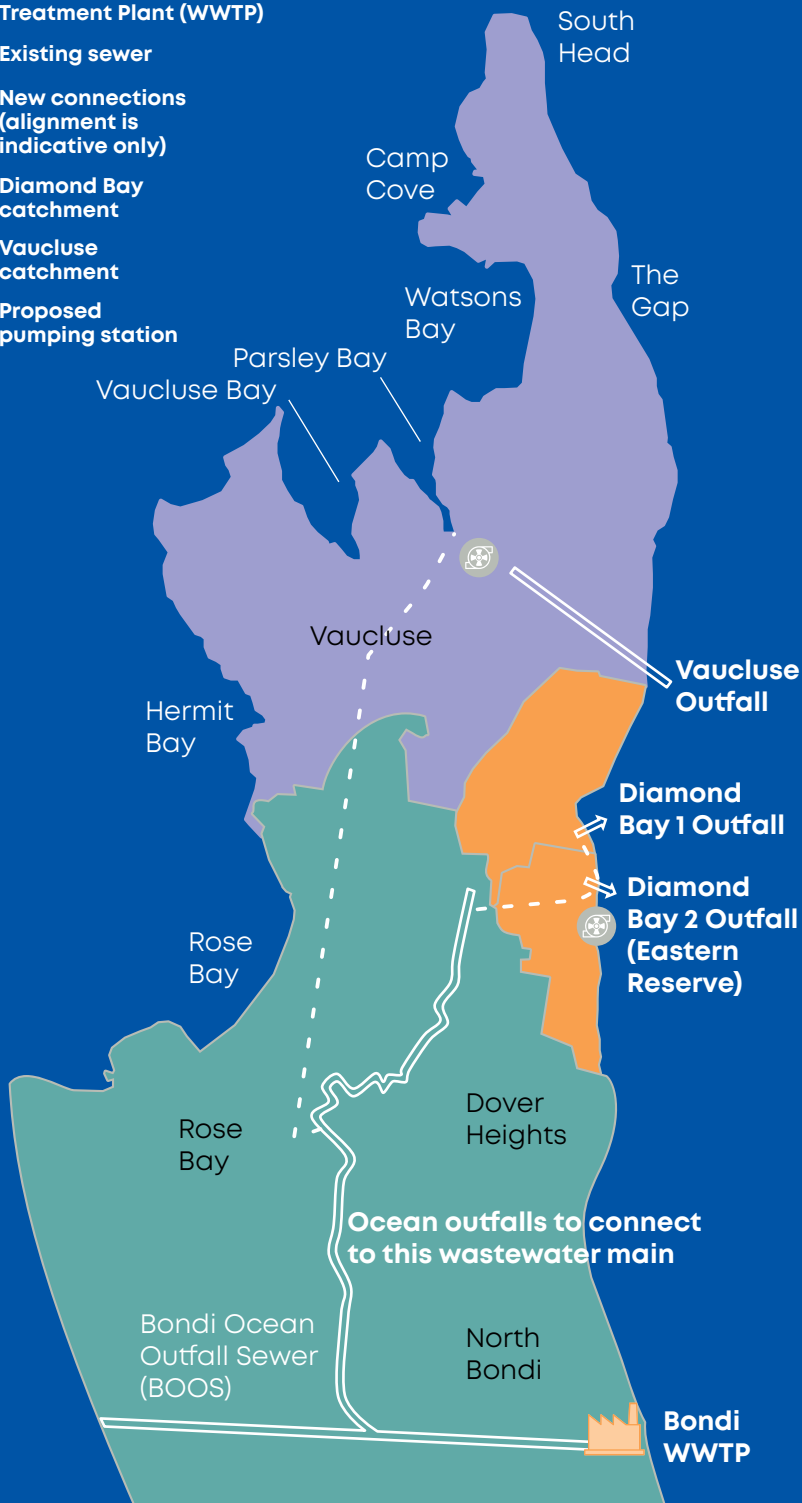
**Diamond Bay
catchment**

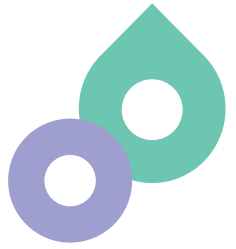


**Vaucluse
catchment**



**Proposed
pumping station**





Solution design

- Construction of new pumping stations is required in Vaucluse and Dover Heights
- Installing pipelines (mostly trenchless) up to 80m below ground
- Connection to the existing sewer networks at Parsley Bay and Dover Heights
- Transfer of wastewater flows to the Bondi treatment plant for discharge through the deep ocean outfalls.

How long will construction take?

To minimise construction impacts, Sydney Water will schedule construction works in winter and during school holidays. As a result, we expect it will take around two years to complete this project.

Our commitment

We're committed to keeping you involved along the way as we finalise the design.

We'd like to hear from you. Your feedback is valuable to us and will help us develop and refine certain aspects of the design.

Simply register at **sydneywatertalk.com.au** and go to the Refresh Vaucluse and Diamond Bay project page.

Here, you'll find interactive feedback forms to express your comments and ideas.

To know more

- Call: 1800 732 069
- Email: vauclusediamondbay@sydneywater.com.au
- Visit: sydneywatertalk.com.au