



A MESSAGE FROM HUNTER WATER
COMMUNITY NEWSLETTER OCTOBER 2010



UPGRADE OF BURWOOD BEACH WWTW



WE ARE UPGRADING THE BURWOOD BEACH WASTEWATER SYSTEM TO IMPROVE THE QUALITY OF OUR BEACHES, WATERWAYS AND THE ENVIRONMENT.

THIS NEWSLETTER PROVIDES IMPORTANT INFORMATION ABOUT PLANNED ACTIVITY THIS MONTH AND AN INVITATION TO JOIN US AT AN OPEN DAY AT BURWOOD BEACH WASTEWATER TREATMENT WORKS.

Hunter Water is upgrading the Burwood Beach Wastewater Treatment Works (WWTW) to ensure it continues to operate reliably and meets the needs of existing and new customers well into the future.

The project is being delivered by the Hunter Treatment Alliance, a team consisting of CH2M HILL Australia, Abigroup and Hunter Water.

INVITATION TO OPEN DAY 16 OCTOBER

As a local resident you are invited to join us at a community open day, which will provide a rare opportunity to see behind the scenes at Hunter Water's largest wastewater treatment facility.

Come along to learn how the plant works and find out more about the current and future upgrades.

There will be an interactive exhibition, guided tours, sausage sizzle and more.

WHEN

1 - 4pm Saturday, 16 October

WHERE

Burwood Beach WWTW, off Scenic Drive, Merewether

TOURS

Guided tours will run every 30 minutes on the hour and half-hour. Places on the tours are limited and will be available on a first come first served basis.

If you would like to go on a tour please register your interest by 5pm on Thursday 14 October by calling the Hunter Treatment Alliance on **4922 0800**.

Please be advised that tour participants must wear long trousers, long sleeves and covered shoes for safety purposes.

CONTINUING CONSTRUCTION

As part of the ongoing construction work there will be a number of shutdown activities at the WWTW over the next few months.

In order to safely complete certain tasks it is necessary to temporarily shutdown key areas of the plant, or in some circumstances the whole plant. Major shutdowns need to happen at night when the in-flows are at their lowest. Smaller shutdowns can be completed during normal working hours.

BURWOOD BEACH WASTEWATER TREATMENT WORKS UPGRADE



PLANNED WORK OCTOBER 2010

We have a number of shutdowns and other major works scheduled during October, however, all of these works are dependant on other works being successfully completed and tested, therefore it is not possible to provide firm dates for each of the activities.

NIGHT WORK EFFLUENT FLOW PIT

This work will be carried out between 5 October and 8 October and will involve one overnight shutdown. The work will involve cutting into the existing outfall pipe to allow flow into the effluent flow pit.

There may be a slight increase in on-site noise mostly between 8pm and 9pm. There is also a slight odour risk as the plant is brought back into service the following morning.

ELECTRICAL SHUTDOWNS

As soon as the effluent flow pit cutover is complete we plan to start the electrical cutover, which involves transferring the electrical supply to the plant from the old switchboard to the new switchboard.

This work will require at least one temporary shutdown of the entire plant for approximately one hour. Following which several tests will be conducted to ensure that the new electrical codes are working correctly. This process may take up to 4 weeks. There are no anticipated impacts.

CONNECTING CLARIFIER PIPEWORK

Once the electrical work is complete the new clarifier (number 4) will be brought into service. Following which we will start to connect the new pipework into the existing 3 clarifiers.

This will take place during the day and is likely to be during the last week of October or the first week of November.

The work will involve emptying each of the clarifier tanks in turn, which brings with it a slight odour risk. We will aim to minimise this risk as far as possible by conducting cleaning and maintenance work to the tanks as they are emptied.

SECONDARY PUMP STATION SHUTDOWN

A further overnight shutdown of the plant is expected in late October to early November to carry out some modifications to the secondary pump station.

The preliminary work will be carried out during the day with the night shutdown required to install the pump.

It is possible that there will be slight odour whilst this work is carried out and this may continue into the next day.

If you have concerns about these potential impacts please contact us on the Hunter Treatment Alliance Community Information and Enquiry Line on 4913 5644.

Further shutdown events will be necessary throughout the upgrade. We will continue to update our website with this information as it becomes available.

ACCESS ROAD REMAINS CLOSED

The access road to Burwood Beach remains closed to ensure public safety and the safety of our workers.

Only authorised construction traffic and Hunter Water vehicles are allowed to access the plant. Please observe the signage for your own safety.

HOW DO I FIND OUT MORE?

You can find out more about the Burwood Beach WWTW upgrade by visiting our website at www.hunterwater.com.au