



A MESSAGE FROM HUNTER WATER  
COMMUNITY NEWSLETTER SEPTEMBER 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.**

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.

### **PLANNED WORK SEPTEMBER 2010**

The ongoing construction work requires the plant to temporarily shutdown for safe completion of certain tasks. This generally needs to happen at night when the in-flows are at their lowest. We have a number of shutdowns scheduled during the next couple of months.

#### **ELECTRICAL SHUTDOWN**

We plan to carry out an electrical shutdown during the day on 9 September. This means that the plant will be run on generators for short periods throughout the day to allow the installation of a new electrical switchboard.

#### **WHAT IMPACTS CAN YOU EXPECT?**

There may be a slight increase in on-site noise during the day due to the generators. No other impacts are anticipated.

#### **AERATION TANK SHUTDOWNS**

Following the installation of the electrical switchboard we plan to drain aeration tank 2 to undertake maintenance and install new aeration diffusers.

This work is expected to take approximately one week to complete, starting from 10 September, and will be carried out during normal construction hours. Once complete, the aeration will be recommissioned to operate with the new diffusers.

In early October we will repeat this process with aeration tank 1.

#### **WHAT IMPACTS CAN YOU EXPECT?**

It is likely that there will be a noticeable odour whilst this work is carried out and this may be intermittent over a few days. We

are putting mitigation measures in place to minimise odour where possible.

#### **SECONDARY PUMP STATION SHUTDOWN**

A further overnight shutdown of the plant is expected during the last week of September to install the secondary pump station.

We hope to complete this work in one overnight shutdown, but it may be necessary to shutdown the plant over two consecutive nights.

#### **WHAT IMPACTS CAN YOU EXPECT?**

There may be some odour whilst this work is carried out and this may continue into the next day. We are putting mitigation measures in place to minimise odour where possible.

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](http://www.hunterwater.com.au)

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