



YOU'RE INVITED  
TO A COMMUNITY  
INFORMATION SESSION  
TO DISCUSS THE  
MILLFIELD AND ELLALONG  
SEWERAGE SCHEME,  
INCLUDING THE PAXTON  
WASTEWATER TREATMENT  
WORKS



THIS FACT SHEET PROVIDES  
AN IMPORTANT UPDATE  
ABOUT A KEY PROJECT  
HAPPENING IN YOUR LOCAL  
AREA.

We are providing sewerage services to the townships of Millfield and Ellalong to improve our waterways and the surrounding environment.

This will include the upgrade of the Paxton Wastewater Treatment Works to service the new connections and to improve effluent quality. The scheme is part of the NSW Government's Priority Sewerage Scheme.

#### **WHAT ARE THE BENEFITS OF THE SCHEME?**

The provision of the reticulated sewerage system will allow residents to replace porta loos, septic tanks and other on site waste disposal systems. It will service more than 800 properties.

The upgrade of the Paxton Wastewater Treatment Works will provide more manageable and reliable treatment and improve effluent quality.

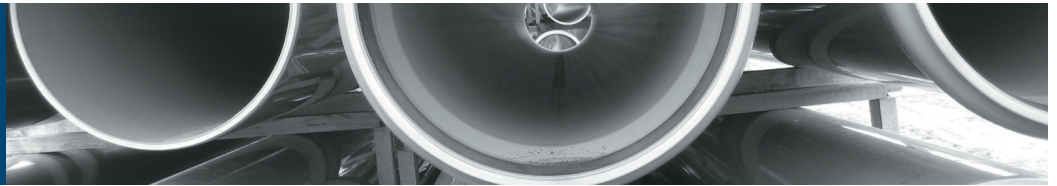
#### **WHAT INFRASTRUCTURE DOES THE NEW SYSTEM INCLUDE?**

The sewerage system will comprise a system of pipelines to collect wastewater.

These pipelines will drain to wastewater pumping stations to be constructed in Millfield and Ellalong. The wastewater pumping stations will transfer wastewater to the existing wastewater treatment works at Paxton, which will be upgraded with new membrane technology.

Since exhibition of the Review of Environmental Factors in July 2008, further work has been undertaken on the potential upgrade options for Paxton Wastewater Treatment Works.

## COMMUNITY INFORMATION SESSION



A review of these options has shown that a new option utilising membrane technology has significant benefits at Paxton WWTW including:

- A much smaller footprint thereby significantly reducing the amount of clearing required on the site
- Significant capital cost savings compared to conventional activated sludge technology
- Superior effluent quality, including reductions in phosphorous.

This membrane technology is a new technology to the Hunter. It was not considered in previous option reports for Paxton as it was considered unlikely to be cost effective, however recent advances in membrane materials and plant design have reduced the cost.

In summary, Hunter Water is constructing:

- 7 pump stations (near completion)
- 22 gravity sewer mains (completed)
- 6km rising sewer mains (completed)
- radio tower and associated telemetry equipment
- new membrane technology at Paxton wastewater treatment works (early 2011)

### WHERE TO FROM HERE?

While the system is nearly finished, some aspects of the scheme are yet to be commissioned. Upon commissioning of the system in about February 2010, those properties that have been provided with a sewer connection point will be permitted to connect to the reticulated sewerage scheme.

New developments that do not have a direct sewer connection point, will be able to connect to the scheme in 2011 when the upgrade at Paxton Wastewater Treatment Plant has been completed.

### WANT TO KNOW MORE?

Hunter Water is hosting a community information session for Millfield, Ellalong and Paxton residents to discuss connections to the system, and the design and construction of the Paxton Wastewater Treatment Works.

Representatives from Hunter Water, NSW Department of Commerce and Hunter Treatment Alliance will be available between 4pm and 7pm on Thursday 28 January 2010 at the Ellalong Community Hall.

The community information session is your chance to find out more information about the process for connecting, updated connection dates, the removal of existing onsite treatment systems, the Paxton Wastewater Treatment Works upgrade, including the new technology to minimise the environmental impact, and other issues associated with the scheme.

### MILLFIELD AND ELLALONG SEWERAGE SCHEME COMMUNITY INFORMATION SESSION

#### WHERE:

ELLALONG COMMUNITY HALL  
39 OLNEY STREET, ELLALONG

#### WHEN:

4PM TO 7PM  
THURSDAY 28 JANUARY 2009

#### WHY:

TALK TO HUNTER WATER AND CONSTRUCTION REPRESENTATIVES ABOUT THE:

- NEXT STEPS FOR CONNECTING TO THE MILLFIELD AND ELLALONG SCHEME, AND
- THE IMPROVED TECHNOLOGY AT THE PAXTON WWTP TO IMPROVE ENVIRONMENTAL OUTCOMES

LIGHT REFRESHMENTS WILL BE SERVED