



Kooragang Industrial Water Scheme - Construction of Brine Return Pipeline



Hunter Water is working hard to maximise the amount of recycled water that can be used by industry.



RECYCLED WATER FOR INDUSTRY

Hunter Water is committed to integrating sustainability principles into our planning and operations to help our community save water, save energy and help the environment.

As part of this commitment Hunter Water is constructing the Kooragang Industrial Water Scheme (KIWS) to provide high quality recycled water to industrial customers in the Kooragang area. KIWS includes an advanced water treatment plant, associated pipelines and a water educational facility.

On completion, KIWS will be the largest high quality recycled water project in the lower Hunter, securing additional water supply to enable critical regional growth. The scheme is located in the City of Newcastle, with the main components in the Steel River Industrial Area.

Construction on the plant commenced in January 2013 and construction on the associated pipelines will commence in May 2013.

HOW WILL THE SCHEME WORK

The Advanced Water Treatment Plant will produce 9 million litres of high quality recycled water per day, which will be pumped directly to industrial customers on Kooragang Island through a new high quality recycled water distribution system.

Work on the construction of the Brine Return pipeline associated with the plant will commence in June 2013. The Brine Return Pipeline will

return reject water from the micro-filtration stage to the Burwood Beach Wastewater system.

The pipeline will be constructed from the KIWS site along Channel Road Mayfield West, and will be under bored beneath Industrial Drive. The pipeline will then be constructed through Stevenson Park, along Purdue Avenue and under Maitland Road Mayfield West. The Brine Return Pipeline will then be connected into the existing sewerage network in the reserve behind Casuarina Circuit at Warabrook.

WHAT TO EXPECT DURING CONSTRUCTION

There may be some short-term impacts from the construction of the pipeline. This will include disruption to traffic, construction noise and dust but these will be minimised through design, construction planning and standard construction management measures. We will advise you of any direct impacts on your business operations or residential property prior to work on the pipeline construction commencing.

FOR FURTHER INFORMATION

For further information on the project please contact Communications Manager Melissa Dial on 02 4922 0800 or visit www.hunterwater.com.au.

The Kooragang Industrial Water Scheme is funded through Hunter Water and the Australian Governments Water for the future initiative through the National Urban Water and Desalination Plan.