

Southern Seawater Desalination Project

UPDATE

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Construction Update

A major milestone was reached in September with the towing and sinking of the 330 metre brine discharge diffuser pipe in the ocean directly in front of the plant site.

The diffuser pipe has been floating in the Bunbury Port for sometime now awaiting completion of the outfall tunnel.

The brine discharge diffuser pipe has 80 'ports' that jet the brine back into the ocean. Only 40 of the ports will be in use when the plant comes online to produce 50 Gigalitres (billion) of water annually at the end of 2011. The remaining 40 ports will only be opened if the plant is expanded to a 100 Gigalitres per year capacity.

Onsite, work is continuing on the mechanical and electrical installation in the micro-filtration and reverse osmosis buildings, and structural work has also begun on the administration complex.

Associated Infrastructure

SSDP Trunk Main

Work on the pipeline connecting the desalination plant to the Harvey Storage Tank remains on schedule for completion by the end of the year. With over 27km's of the 28km pipeline laid, pressure testing of the pipe has started.

Thrust boring - a method of tunnelling under roads and railway lines - has been completed at the first of three sites, with the other sites to continue up until December 2010.

Harvey Summit Tank

With earthworks at the site now complete, the first concrete layer of the tank is due to be poured in late September.

Following the completion of the base, precast panels will be erected and the tank will start to take shape.

The estimated completion date for the Harvey Summit Tank is February 2011.

Visit www.watercorporation.com.au/D/desalination_plant2.cfm,
email desalination@watercorporation.com.au
or call 1800 810 075 for further information.

