

## Press Release

September 2010

### **Osmoflo providing desalination to Gorgon Project**

Osmoflo, Australia's largest locally owned desalination company, has won major contracts to supply desalination equipment to the Gorgon Project off Australia's north-west coast.

The contract involves the design and construction of four separate desalination plants capable of producing a total of seven megalitres of water a day (7ML/d). One megalitre can be equated to the amount of water required to fill an Olympic standard swimming pool.

Osmoflo has already delivered the first of four reverse osmosis plants, which will draw on the ocean as a source of water for treatment. All will include technology which minimises electricity consumption while maximising the percentage of treated water.

The pre-treatment micro-filtration units, which remove particles prior to desalination, and the reverse osmosis membrane modules of this first plant are contained within a series of containers. Delivered late last year, it produces up to 1.4ML/d of potable water to service construction needs.

Work on a second 2.4ML/d capacity, containerised plant is well advanced. Also required to meet construction needs, this plant will include an additional waste management stage. It will be commissioned early next year.

A third facility will be skid mounted and largely contained within a permanent building. It also includes pre and post desalination treatment systems. Scheduled to come on line next year, this plant will satisfy long term drinking water and processing requirements at Barrow Island.

Finally, design work is under way on a 1ML/d demineralisation plant, which will provide high quality demineralised water for process purposes. Delivery is also scheduled for next year.

All plants are being designed and constructed at Osmoflo's Burton facility in Adelaide's northern suburbs – the largest in the southern hemisphere dedicated to the fabrication of desalination plants.

Barrow Island site is a Class A nature reserve and strict quarantine regulations must be met before any equipment can be taken there. Every desalination module is fumigated, inspected and tagged prior to delivery.

Osmoflo is a long-time supplier of desalination equipment to the resources industry and has a well established track record in the design, construction, on-time delivery and successful operation of plants in remote locations throughout Australia and overseas.

The Gorgon Project is the largest single resource infrastructure project in Australia. It is operated by an Australian subsidiary of Chevron and is a joint venture of the Australian subsidiaries of Chevron (approximately 47 per cent), ExxonMobil (25 per cent) and Shell (25 per cent), Osaka Gas (1.25 per cent), Tokyo Gas (one per cent) and Chubu Electric Power (0.417 per cent).

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