

BULLETIN

September 2013

Volume 20, Number 3

An all-day Visit to Wonthaggi Desalination Plant ! Friday 6th September 2013

The AFAS-Vic Committee is pleased to host a site visit to the desalination plant in Wonthaggi.

A brief description is attached for your information.

This will be a whole day excursion organised as follows:

7:45 am: All gather at the rear entrance of NGV at Federation Square (Russell Street extension).

8.00 am: Bus departs (Murray's coach).

10.15 am: Arrive at site and attend induction. OH&S protocols require that site visitors wear long sleeves/pants and closed toe shoes. Boots are preferable. The site O&M team can provide safety helmets, vests and glasses.

10.30 am: Address by Plant Director.

11.00 am– 12.30 pm: Tour of plant site

12.45 pm: Depart site

1.15 pm – 2.00 pm: Lunch at Kilcunda General Store, 3535 Bass Highway, Kilcunda.

4.00 pm: Arrive back in Melbourne at Federation Square.

The Victorian Desalination Plant (VDP) provides a rainfall independent water supply to Melbourne, Geelong and some regional areas to supplement existing catchments if required.

It produces high quality drinking water whenever required making it a resource that will be valued in times of future drought.

One of the largest and most complex infrastructure projects undertaken in Australia in recent years, construction and commissioning of the Victorian Desalination Project's multiple components was completed in December 2012 and included:

The desalination plant – comprising 29 buildings including the reverse osmosis building, the heart of the VDP - with a production capacity of 150 billion litres of water a year, and the capability to expand to 200 billion litres/yr.

Marine structures: two underground tunnels located 15 metres below the seabed measuring 1.2 km and 1.5 km long and each with a 4 metre internal diameter, and associated marine intake and outlet structures located more than 20 metres below the sea's surface.

Water transfer pipeline: 84 km, 1.9 metre diameter, two-way pipeline that provides desalinated water or catchment supplies to communities throughout Melbourne, South Gippsland and Westernport, as required.

A 225 ha ecological reserve for community use – one of the largest ecological restoration projects of its kind ever undertaken in Victoria.

An 87km underground power cable - the longest 220kV HVAC underground power cable of its type in the world.

WHEN:	Friday 6 th September 2013	RSVP before Friday 30th August 2013 to Peter Tolé, Ph 03 9810 5724 (BH) Mobile 0412 435 344 ptole@evanspeck.com
TIME:	Start 7:45 am – Finish 4:00 pm	
WHERE:	Rear entrance of NGV at Federation Square (Russell Street extension)	