

EPA 05/21777; 60676

Dear Resident

RE: Groundwater Contamination Update, Glenelg East Assessment Area

The Environment Protection Authority (EPA) is writing to you in relation to groundwater contamination in the Glenelg East area. In June 2014 we wrote to residents advising that further assessment work would take place in the second half of 2014. This letter is to advise you of the results of that testing.

The contaminants identified are chlorinated hydrocarbons which have historically been associated with dry cleaning. At Glenelg East the source of the contamination has been confirmed as a former dry cleaners. Chlorinated hydrocarbons perchloroethene (PCE), trichloroethene (TCE) and dichloroethene (DCE) have been detected in groundwater and soil vapour. Experience worldwide has shown that historically solvents were disposed of or leaked from storage tanks into the underlying soils. These chemicals could then migrate down into groundwater.

The report containing the test results identifies that the highest concentrations of PCE, TCE and DCE in both groundwater and soil vapour are located at the source site and immediately adjacent to the source site. The concentrations of these chemical substances reduce significantly with distance away from the source site. The concentrations of PCE, TCE and DCE in groundwater are such that the **groundwater is not suitable for use** and therefore the EPA continues to advise that **groundwater is not to be used for any purpose until further notice**. The test results do not yet allow the EPA to confirm the extent of the contamination and further testing is needed to determine the extent of the groundwater plume.

The soil vapour concentrations detected for PCE, TCE and DCE are at levels which the EPA considers warrant further testing.

This further testing will be undertaken primarily on road verges and public spaces, commencing in March, with results expected in May. The EPA will also conduct some testing on private properties and the owners of those properties have been contacted.

The EPA previously advised that residents should not use bore water (groundwater) for any purpose until further notice and this advice remains. Tap water and rainwater tanks are not affected.

A map of the area being investigated by the EPA is attached.

For more information about the EPA's investigation, including a full copy of the report, please visit the EPA website at www.epa.sa.gov.au or call us on 1800 729 175 (24 hours). If you do not have internet access, please call us and we can arrange to send further information to you.

This information is being sent to all residents within the EPA assessment area. We will write to you again when results from the next round of testing are available.

The EPA will hold two community information sessions for residents to meet one-on-one with EPA staff. Sessions will be held at The Bay function Centre, Gliderol Stadium, Brighton Road, on Thursday 29 January from 3.30 to 7 pm, and on Saturday 31 January from 10 am to 1 pm. Bookings are appreciated – please call 1800 729 175.

Yours sincerely

A handwritten signature in black ink, appearing to read 'A. Pruszinski', with a stylized flourish at the end.

Andrew Pruszinski

**MANAGER SITE CONTAMINATION
ENVIRONMENT PROTECTION AUTHORITY**

Date: 22 January 2015

