



MELROSE PARK ASSESSMENT AREA

Community update #3

Issued 11 January 2022

The Environment Protection Authority (EPA) commenced environmental assessment work in Melrose Park in March 2021.

This work was to assess contamination of groundwater and soil vapour from chlorinated hydrocarbons including [trichloroethene \(TCE\)](#) identified at levels exceeding drinking water criteria.

The EPA reminds residents that groundwater (bore water) in this area is contaminated and should not be used for any purpose.

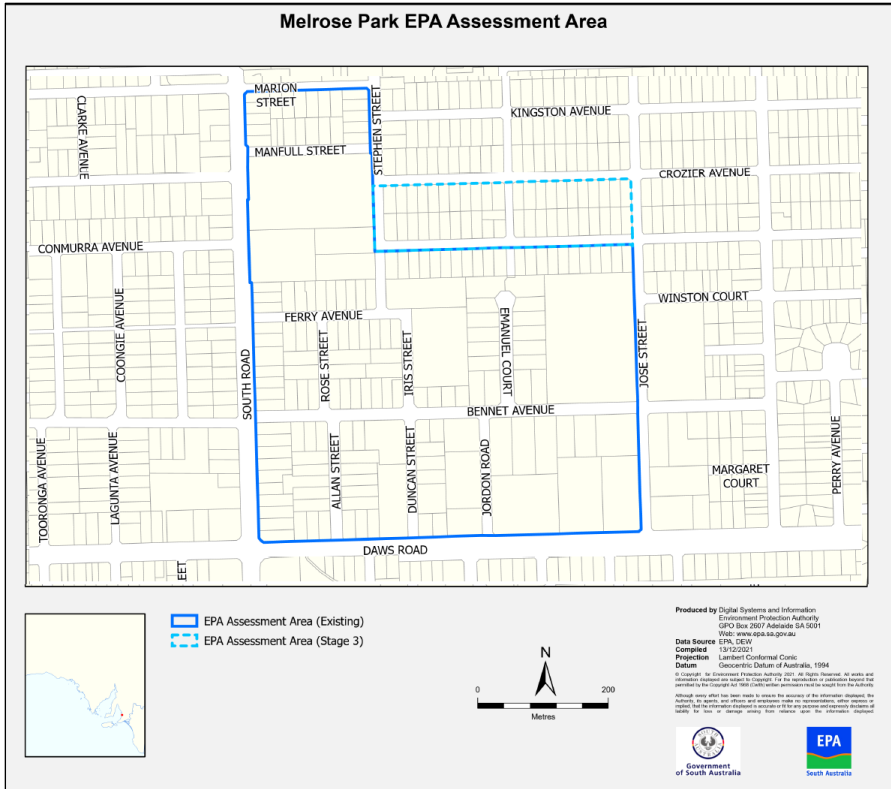
**BORE
WATER**

Latest results and next steps

Samples from a series of soil vapour bores in streets and publicly accessible areas were sent to a laboratory for analysis. The Stage 1 environmental assessment determined that indoor air contamination is not likely, based on computer modelling of these results.

Stage 2 assessment was undertaken during the winter months, as soil vapour can move differently through wet soil. The EPA determined that indoor air contamination is not likely based on computer modelling of the latest results, and no assessment on private properties is currently anticipated. A copy of both reports and previous community updates can be downloaded from the EPA website or by contacting the EPA (please see details overleaf).

The assessment area boundary has been expanded to the north (please see map overleaf). More work will be undertaken from February 2022 which will add to the existing groundwater and soil vapour well network in order to see how far the contamination extends. This will determine whether a groundwater prohibition area should be established, subject to community consultation.



Home grown produce is safe if watered with tap or rain water

Rainwater and mains water (tap water) are not affected by the groundwater contamination.

Home-grown vegetables are safe to eat, provided you are not watering them with bore water.

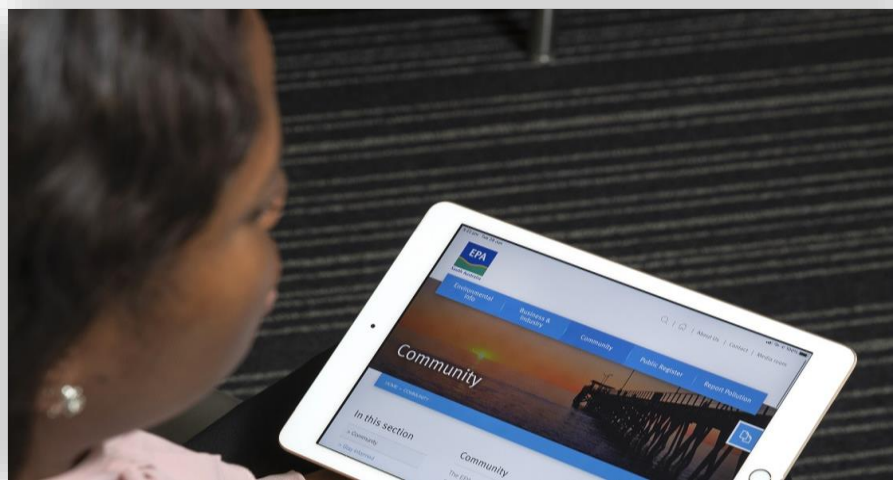
Basements

Soil vapour is more likely to enter a home when a room is close to groundwater, such as a basement.

If your home has a basement, please contact the EPA.

Community engagement

The EPA has a community engagement team available to talk with you at any time. Please contact us if you have any queries or concerns or would like us to provide further information.



FURTHER INFO

For **further information** please contact:

Environment Protection Authority

Telephone: (08) 8429 7554

Email: engage.epa@sa.gov.au

Website: www.epa.sa.gov.au and follow the links to 'Environmental Info' then 'Site contamination' followed by 'Assessment areas'

