



MELROSE PARK EXPANDED ASSESSMENT AREA

Community update #5

Issued March 2023

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

The purpose of this work was to assess the nature and extent of the groundwater contamination which contains chlorinated hydrocarbons, including [trichloroethene \(TCE\)](#).

The chlorinated hydrocarbons in groundwater (bore water) have been identified at levels exceeding drinking water criteria and are present in soil vapour. TCE in soil vapour is not considered to pose a health risk in this area.



- ▶ **Groundwater (bore water) in this area is contaminated and should not be used for any purpose.**
- ▶ **Rainwater and mains water (tap water) are not affected by the groundwater contamination and can be used.**
- ▶ **Home-grown vegetables are safe to eat, provided you are not watering them with bore water.**

Latest results and next steps

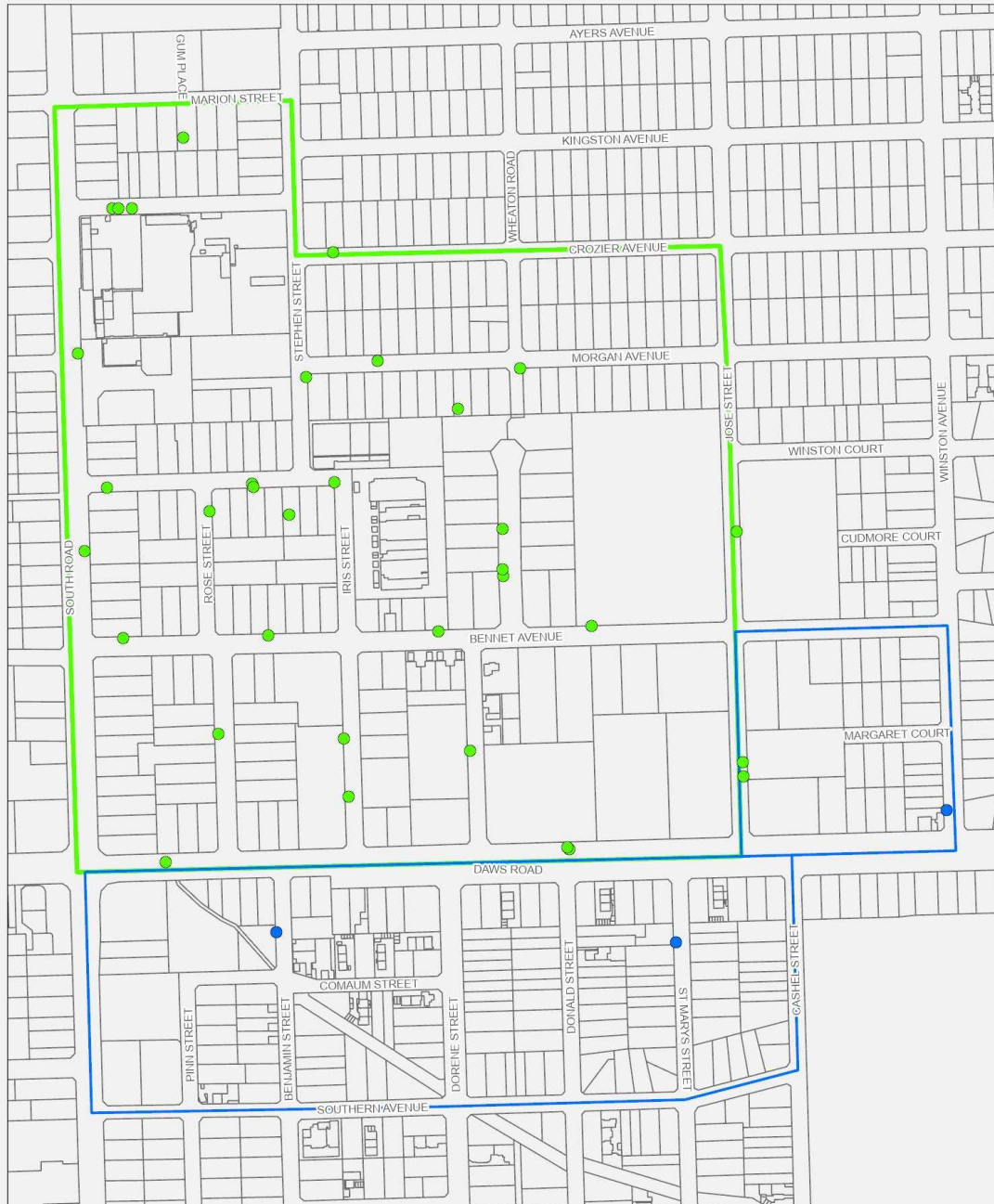
The most recent assessment (Stage 4) has indicated that more work is required to monitor seasonal changes and determine the extent of groundwater contamination beyond the south and southeastern boundaries. **As a result, the assessment area has been expanded to allow for the installation and testing of additional monitoring wells in the coming months (expected June 2023).**

Results from the upcoming work will determine whether a groundwater prohibition area should be established, subject to community consultation.

Based on the previous groundwater and soil vapour assessment, indoor air contamination (if any) is considered to be safe. 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 on 8429 7554 or via email engage.epa@sa.gov.au.

Copies of previous reports and community updates can be downloaded from the EPA website or by scanning the QR code on the following page.

Melrose Park EPA Assessment Area - Boundary Extension



- Proposed Wells
- Groundwater Wells
- Melrose Park
- Proposed Boundary Extension



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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', 'Assessment areas'

