



SOMERTON PARK ASSESSMENT AREA Community update #1

Issued June 2023

The Environment Protection Authority (EPA) is commencing an environmental assessment in Somerton Park in June 2023.

Information recently provided to the EPA has identified chemicals (chlorinated hydrocarbons) in the groundwater and soil vapour (the air spaces within the soil) at a nearby site.

South Australia has a proud manufacturing history but some chemical disposal and handling practices in these industries, considered appropriate at the time, are no longer acceptable by today's environmental standards. These past practices often resulted in contamination of soil and groundwater. Contamination identified in soil, groundwater and soil vapour can impact on our health.



The EPA is undertaking an environmental assessment to understand if there is a risk that contaminated groundwater or soil vapour is impacting nearby residential properties.

The EPA to commence environmental testing

In the coming weeks, environmental consultants engaged by the EPA will drill a series of groundwater wells and soil vapour bores within streets and publicly accessible areas. Traffic management will be in place, if the work causes any disruptions, please call 8429 7554.

The groundwater and soil vapour will be sampled and sent to a laboratory for analysis to determine if chlorinated hydrocarbons, including trichloroethene (TCE), are present at concentrations above health based screening guidelines. If the environmental assessment finds there is the potential for vapour to enter buildings, the EPA may approach landowners to seek permission to test on privately owned properties.

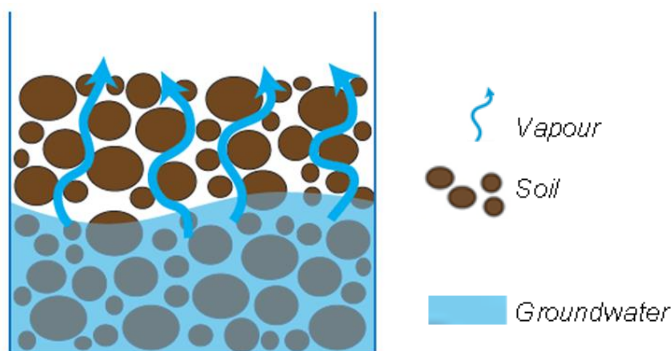
The EPA will notify residents of results

When the report is available, the community will be notified of the results. The EPA will work with any impacted residents prior to the report finalisation.

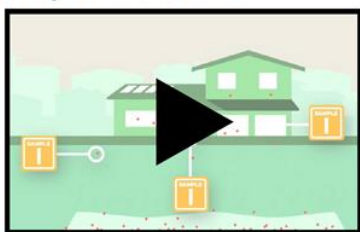
Further stages of work may be needed to determine whether a [groundwater prohibition area](#) should be established, subject to community consultation.

The EPA is available during and after business hours by phone (08) 8429 7554, email engage.epa.sa.gov.au or in person. Please contact us if you have any queries regarding this assessment.

Migration of soil vapour



What is Vapour Intrusion?



Please do not use groundwater (bore water)

Groundwater (bore water) in this area may be contaminated and should not be used for any purpose. Groundwater will be sampled and sent to a laboratory for analysis.

Not all properties have access to groundwater. It is typically accessed via an outdoor pump.

Tap water provided by SA Water is not affected. Rain water is also not affected. Please call the EPA if you are unsure whether you have access to groundwater.

Home-grown fruit and vegetables safe

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

Rainwater and mains water (tap water) is not impacted

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

Basements

Soil vapour is more likely to enter a home when a room is close to groundwater.

If your home has a basement or other below ground structure, please contact the EPA.

FURTHER INFO

For **further information** please contact:

Environment Protection Authority

GPO Box 2607, Adelaide SA 5001

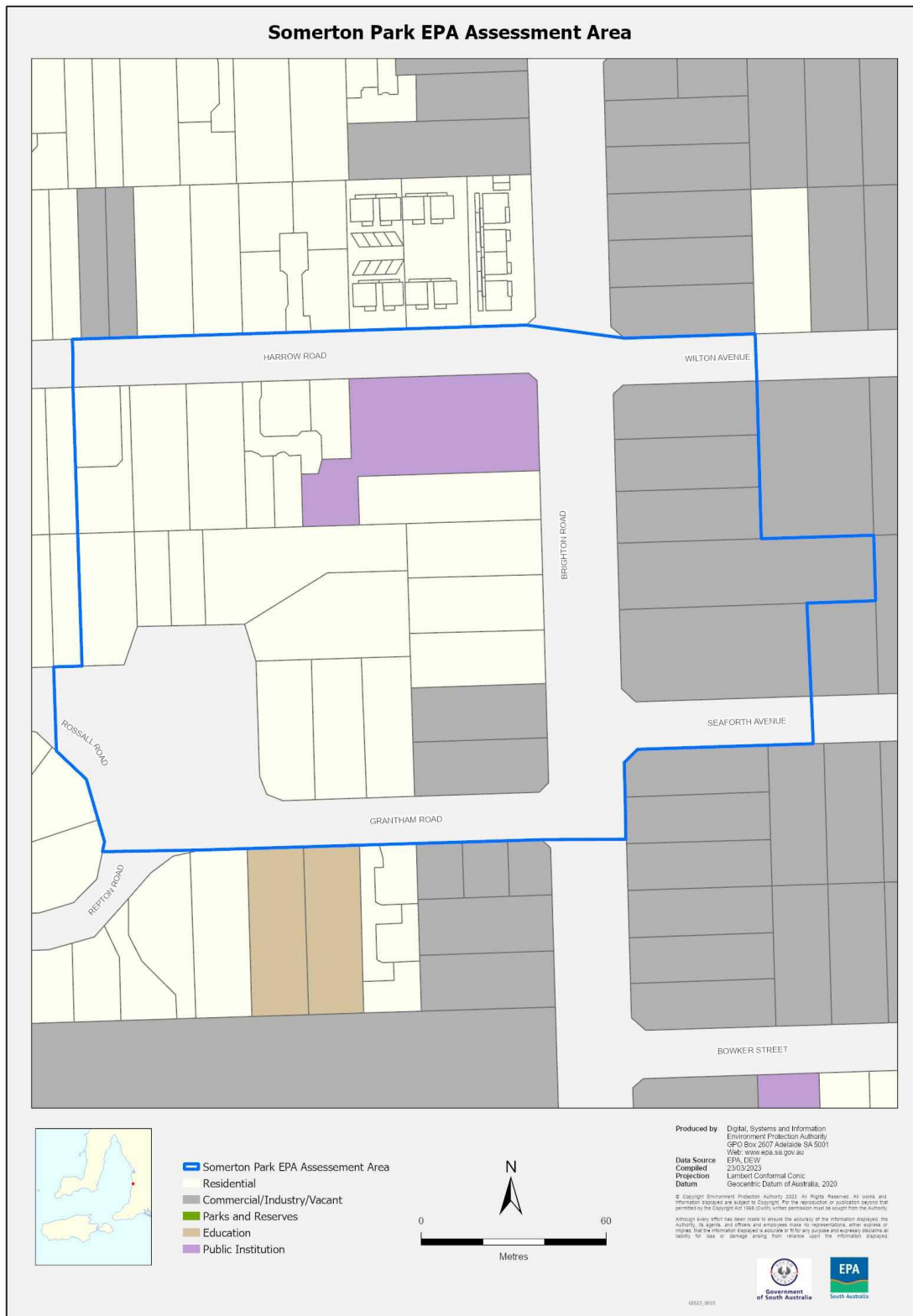
Telephone: (08) 8429 7554

Email: Engage.epa@sa.gov.au

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



epa.sa.gov.au



If you require assistance in translating this information:

如需更为详细的中文信息，请致电 13 14 50

Per richiedere una copia di questa lettera in italiano, si prega di telefonare 13 14 50

Αν θέλετε αυτές τις πληροφορίες στα Ελληνικά, παρακαλώ καλέστε το 13 14 50

Wenn Sie diese Informationen auf Deutsch erhalten möchten, wählen Sie bitte die Rufnummer 13 14 50