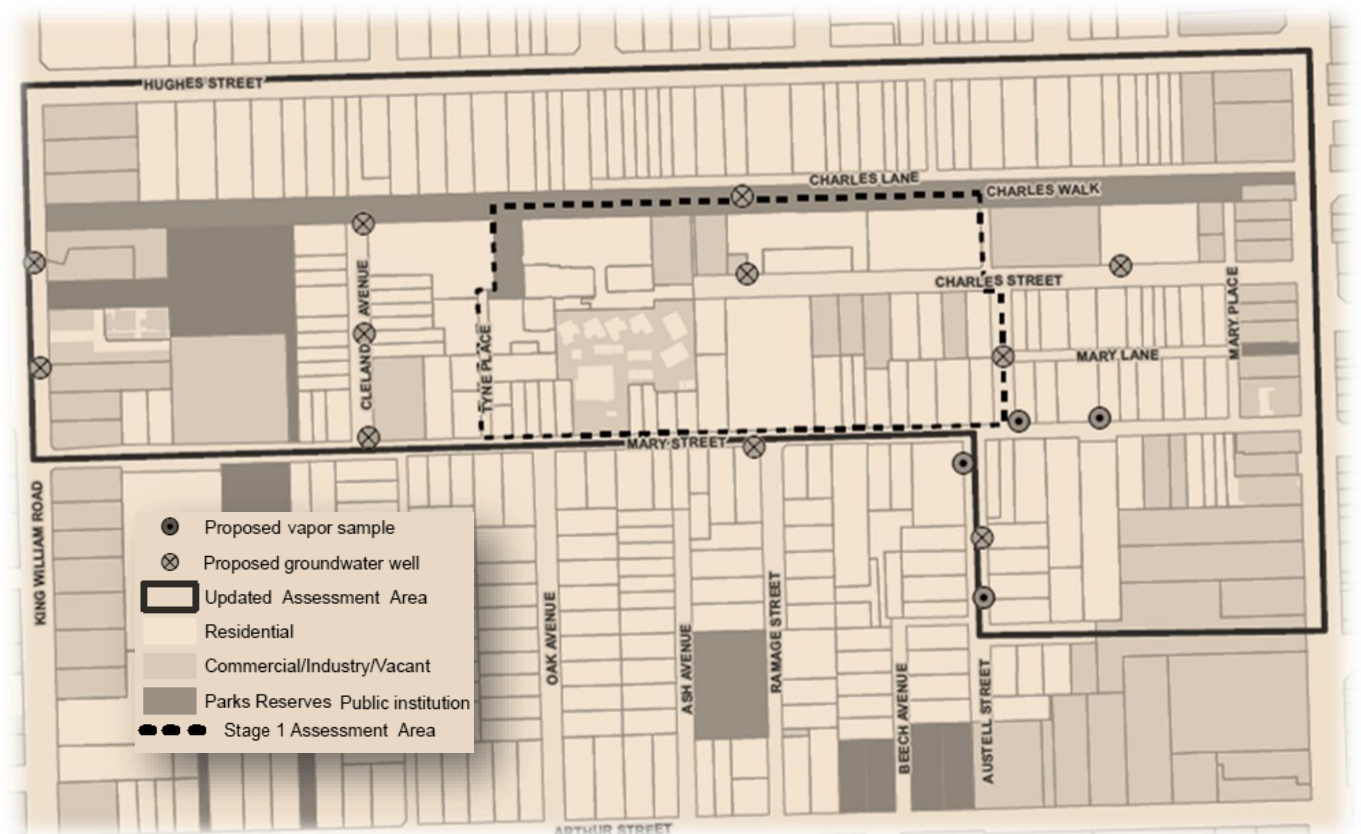




UNLEY ASSESSMENT AREA Community update # 2

Issued Monday 4 June 2018

The Environment Protection Authority (EPA) is undertaking environmental work in Unley, in an expanded assessment area below:



The Unley assessment area has been extended to the west and the east to install additional groundwater wells, in order to determine the extent of the contaminated groundwater plume.

A second stage of work will commence on 11 June 2018. The EPA expects to receive the report for this work in September 2018 and will write to residents to provide full details of the results. This second stage of work will also provide further information that is needed to complete the data gaps identified by the soil vapour assessment program in the eastern part of the assessment area.

Background – Stage 1 work



Coldstream Refrigeration premises - photo courtesy State Library of South Australia, photographed by Ron Praitte 1984

Historical land uses in the Unley assessment area include refrigeration manufacturing, furniture manufacturing, cabinet making, boot making and a drapery.

Volatile chemicals associated with these land uses were routinely released to the environment. The chemicals can migrate down through the soil and into groundwater (borewater). Once in groundwater, chemicals can be transported over great distances. More recently it has been discovered that the volatile chemicals can also be found in the air spaces between soil particles as vapour. This vapour then has the potential to enter buildings and homes.

The EPA undertook a first stage of work in Unley in May 2017, in an assessment area bounded by Charles Lane, Little Charles Street, Mary Street and Tyne Place. This involved measuring the concentrations of chemicals found in the air spaces between soil particles (please see [community update 1](#), available from the EPA website www.epa.sa.gov.au and follow the links to 'Site Contamination' then 'Assessment Areas').

The report from the first stage of work indicated there were no exceedances of screening criteria for any of the assessed volatile organic compounds (VOCs), including trichloroethene (TCE). Please see the stage 1 report available from the EPA website via the above links.

Work schedule

The installation of 11 new groundwater wells and 4 new temporary soil vapour bores will occur during June and will be sampled in July 2018. **The results are expected to be provided to residents during September 2018.**



Please do not use bore water

Ground water (bore water) in this area should not be used for any purpose.

Home grown vegetables safe

Soil, rainwater, and mains water are not affected. Home grown vegetables are safe to consume, provided you are not watering them with bore water.

FURTHER INFORMATION

For **further information** please contact:

Site Contamination Branch
Environment Protection Authority
GPO Box 2607, Adelaide SA 5001
Telephone: (08) 8204 2004
Email: engage.epa@sa.gov.au
Website: www.epa.sa.gov.au

(Follow the links to 'Site Contamination' then 'Assessment Areas')

For **health related information** please contact:

Scientific Services Branch
Public Health Services, SA Health
11 Hindmarsh Square, Adelaide SA 5000
Telephone: (08) 8226 7100
Email: public.health@health.sa.gov.au
Website: www.sahealth.sa.gov.au

