



WOODVILLE NORTH

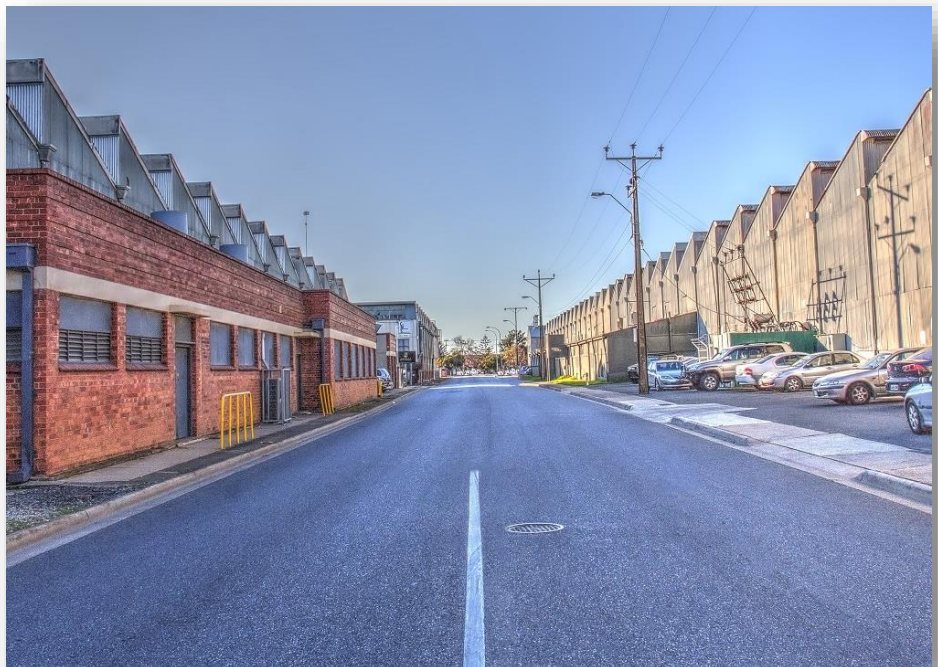
Community update # 4

Issued 8 December 2020

The Environment Protection Authority (EPA) commenced groundwater and soil vapour testing in Woodville North, Athol Park and Pennington in August 2018.

Stage 3 of this work was undertaken between June and September this year, to further examine whether the contamination from historically used chemicals including [trichloroethene \(TCE\)](#) pose a risk to nearby residents.

The EPA has undertaken work in the areas shown overleaf.



Stage 3 results and next steps

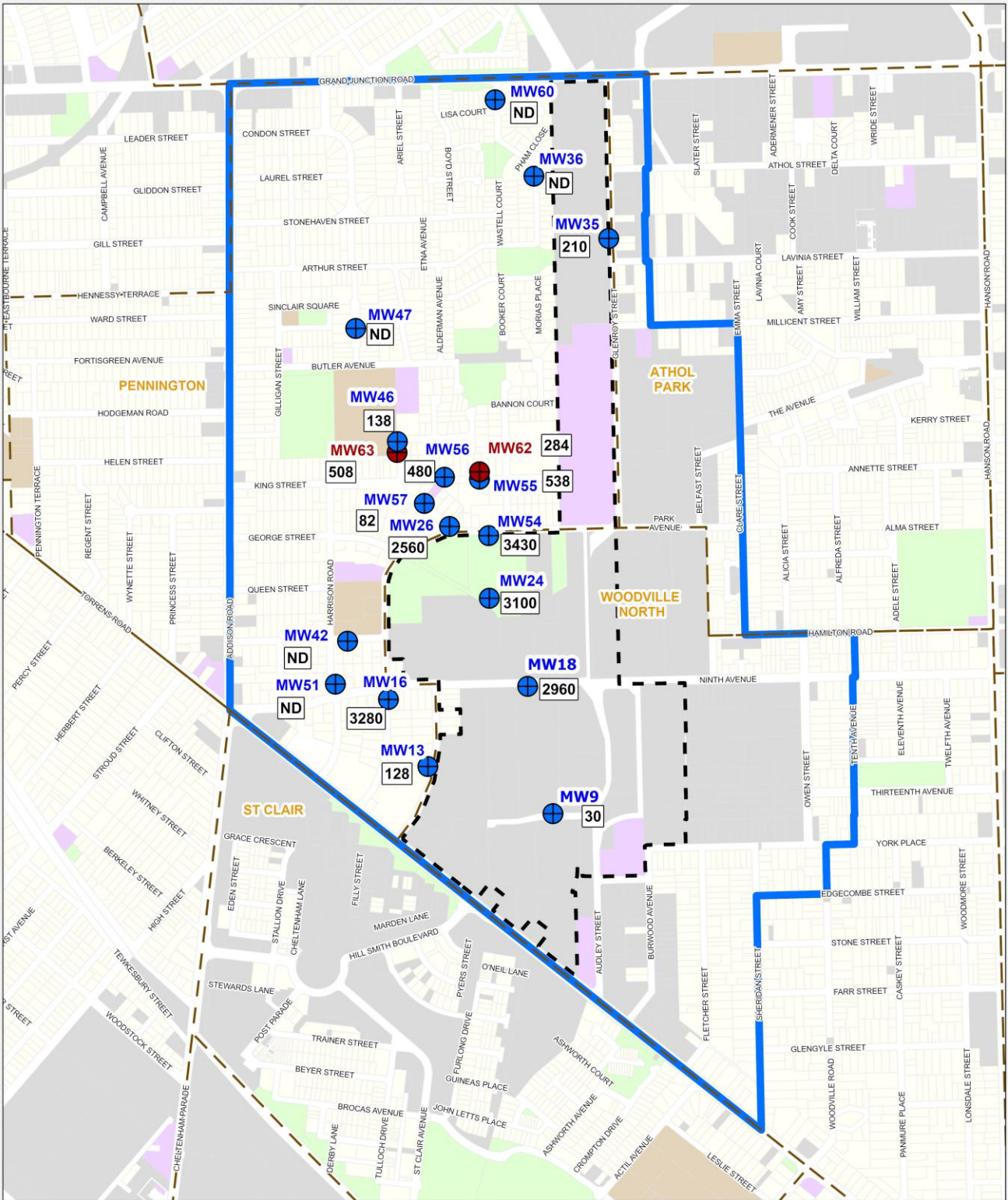
Data collected in the latest stage of work indicates that groundwater impacts may be subject to variation, and that soil vapour concentrations may also vary between seasons. More work will be undertaken in early 2021, to obtain further information about the movement, nature and extent of shallow and deeper groundwater and soil vapour contamination.

At the conclusion of all assessment work in this area, it is likely that a groundwater prohibition area will be proposed, to protect residents from using contaminated groundwater now and into the future.

Further assessment of the potential risk posed by vapour that migrates through the soil into residential indoor air will also be carried out.

Work undertaken in Stage 3 did not identify any new residential properties requiring indoor air assessment, other than those few already identified for ongoing monitoring.

Stage 3 EPA Assessment Woodville North – TCE Groundwater Concentrations



Assessment Area

Suburb

Former Finsbury Munitions Factory Area

Groundwater Monitoring Wells

Q1 Aquifer

Q2 Aquifer

3100 Concentration of Trichloroethene (TCE) (ug/L)

ND - Non-detect

Residential

Commercial/Industry/Vacant

Parks and Reserves

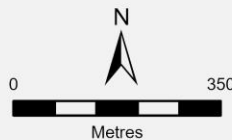
Education

Public Institution

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Any questions? Please ask us

We are available over the phone and online, and encourage you to please call or email us during this time, either during or after business hours.

Phone or email:

Ph: (08) 8463 4799 | Email: engage.epa@sa.gov.au

Online engagement page:

The EPA has set up an online engagement page with tools to help you interact with us – including the ability to ask questions, share stories about the history of the area, register to ‘stay informed’ and keep up to date with the latest news. You can also download copies of the work undertaken the broader assessment area (Stages 1 and 3).

www.engage.epa.sa.gov.au/WoodvilleNorth

Work on private properties

The Stage 2 work undertaken in 2019 confirmed that in a small number homes contamination was found to be affecting indoor air, as predicted by computer modelling.

A second round of indoor air testing was undertaken in 2020, with low levels of contamination still found to be present. When indoor air contamination caused by historical activities is detected, the EPA works with residents to reduce the potential for this to become a health risk.

You may be interested in a video the EPA created to explain indoor air contamination. Please visit https://www.epa.sa.gov.au/environmental_info/site_contamination.

Bore water is contaminated

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

Before the establishment of a groundwater prohibition area, the EPA undertakes a 90 day community consultation before a final determination is made.

Veggies are safe if watered with tap or rain water

Soil is not generally contaminated by the groundwater below it, unless contaminated groundwater is used for irrigation. Soil contamination can be found at sites where the chemicals were tipped out or leaked.

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.

FURTHER INFO

For **further information** please contact:

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