

Media Release

Environment Protection Authority



GPO Box 2607 Adelaide SA 5001
250 Victoria Square Adelaide SA
T (08) 8204 2000 F (08) 8204 2020
Country areas 1800 623 445

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SE Edwardstown environmental assessment results

The Environment Protection Authority (EPA) has received results from the most recent stage of an environmental assessment program, in the vicinity of two former industrial properties at South-eastern Edwardstown.

A predicted modelling method taking results from tested bores on roadways and pathways has been used to work out what these results might mean if translated into in-house property air measurements.

Previous environmental assessment work completed in July 2015 detected *trichloroethene* (TCE) in soil vapour and groundwater samples from within and on the assessment boundary. However the EPA considered further work within an expanded area was required to identify the boundaries of this contamination.

The results of the modelling have shown that predicted TCE indoor air levels of 25 properties fell within the investigation response range of 2 – 20 $\mu\text{g}/\text{m}^3$.

The highest predicted indoor air level was 3.4 $\mu\text{g}/\text{m}^3$, which is at the low end of the 'Investigation' response range. This means that there are no immediate health concerns to residents but further work is required to confirm the results and any next steps. [Refer to range and response chart.](#)

The modelling predicted that more than one-third of properties were 'safe' with levels less than 2 $\mu\text{g}/\text{m}^3$ of TCE in indoor air. Further work will be undertaken to validate these results and understand any seasonal variations.

The remaining 200 properties in the assessment area were reported as having nothing detected and require no further action.

The results of the testing will be provided to SA Health for information and to discuss the timing of further work to be undertaken in the area.

The EPA has provided the testing results to all local residents and property owners. Residents have also been encouraged to take part in the Community Working Group (CWG) for South-eastern Edwardstown.

The EPA works closely with this group to keep the community informed on any further assessment work that may be necessary in the future.

Local residents have previously been advised not to use bore water (groundwater) and the EPA has commenced discussions with the local community on establishing a Groundwater Prohibition Area (GPA).

Tap water from SA Water and rain water are not affected.

Further information and a copy of the most recent site contamination assessment report are now available on the EPA website.

For further information please contact Chris Metevelis: 0439 137 641