**South Australia's Environment Protection Authority** 

# Southeastern Edwardstown Community Working Group

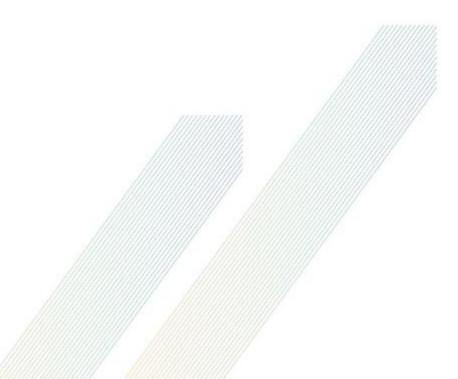
Tuesday 10 May 2016





## **Welcome and introductions**

Rachel Hudson Principal Adviser, Community Engagement



# Agenda



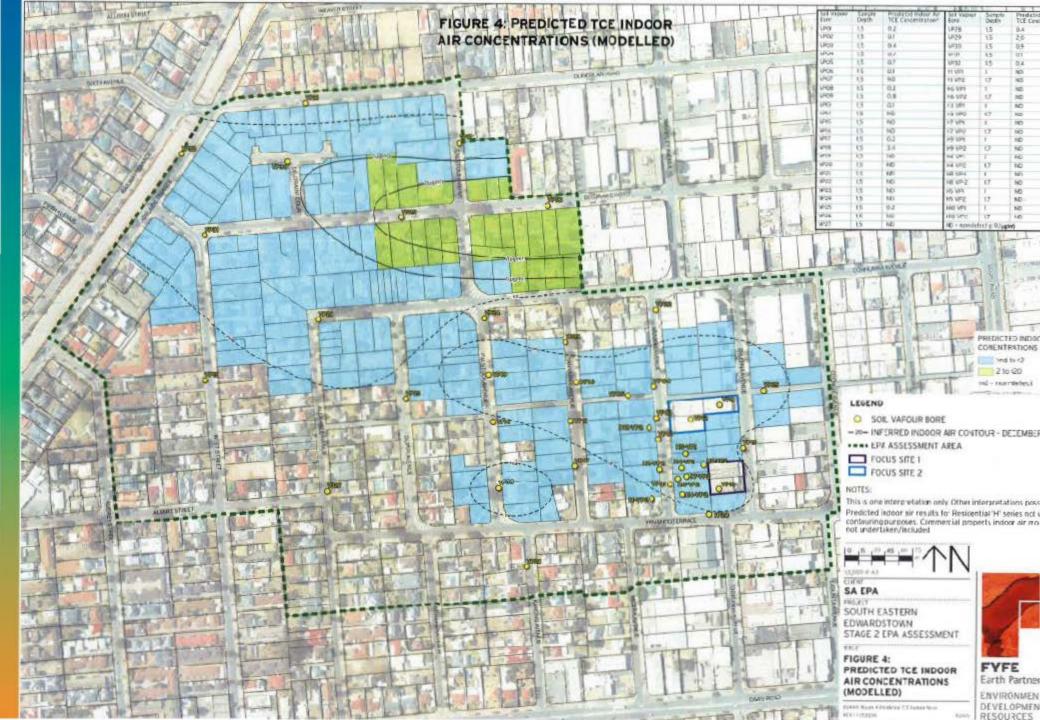
- 1. Welcome and introductions
- 2. Review of last meeting notes
- 3. Design and scope of new works
- 4. How to improve air quality in your home
- 5. Questions
- 6. Next meeting proposed for Tuesday 12 July 2016



# 2. Review of past meeting notes

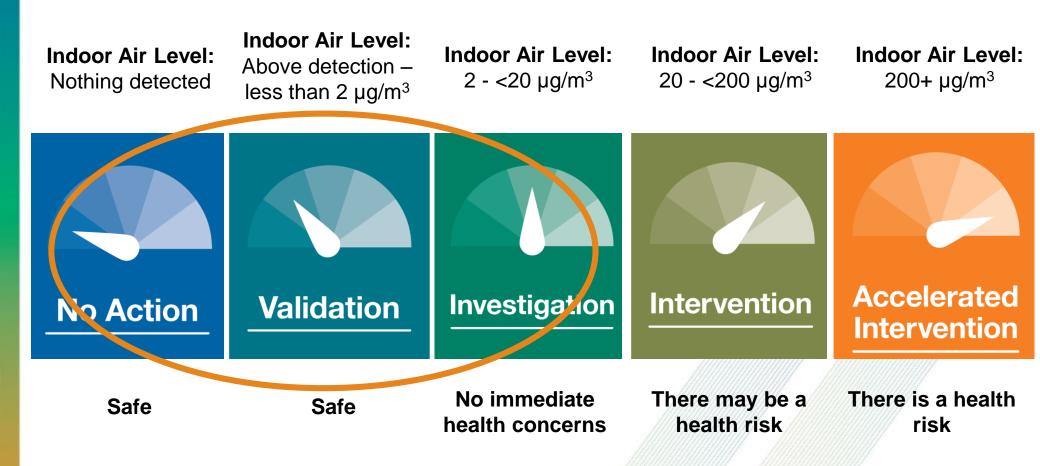
The environmental assessment program determined whether vapour intrusion was likely to be occurring at properties within the assessment area.

The highest predicted indoor air level was reported as  $3.4 \mu g/m^3$  (micrograms of TCE per cubic metre of indoor air). This falls at the lower end of the 'Investigation' response range.



#### EPA South Australia

# TCE indoor air level response range



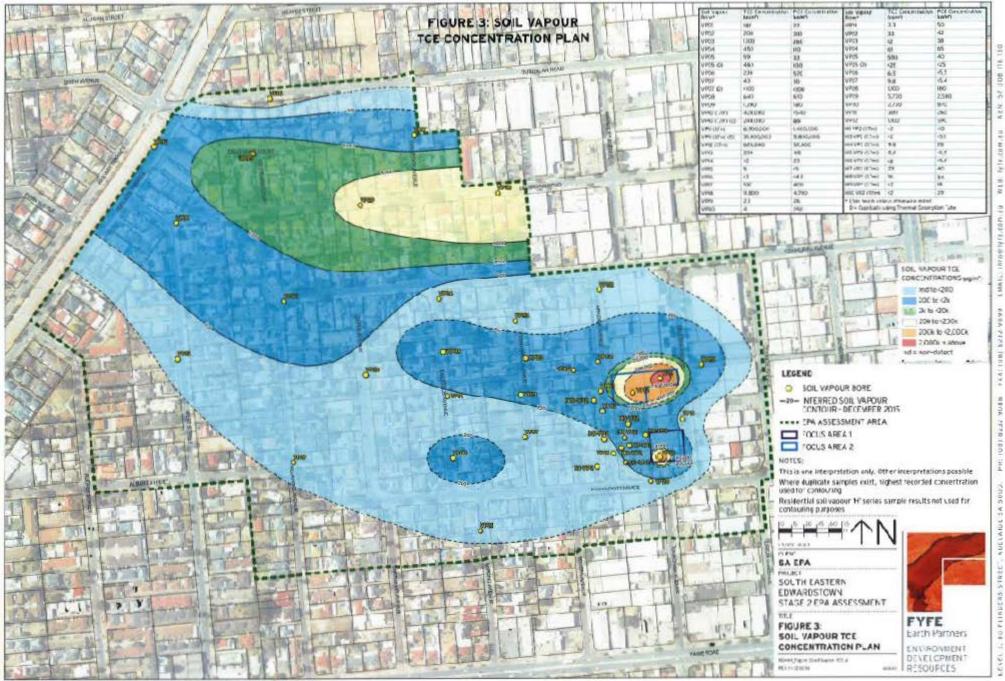


# 2. Review of past meeting notes

The report found that soil vapour contamination is likely to be coming from contaminated groundwater.

The soil vapour results identified another potential source area, located to the north-east of the EPA assessment area at the Railway Tce/Adelaide Tce boundary.

The full nature and extent of the groundwater plume and soil vapour contamination was not able to be delineated by the results from the last round of assessments.

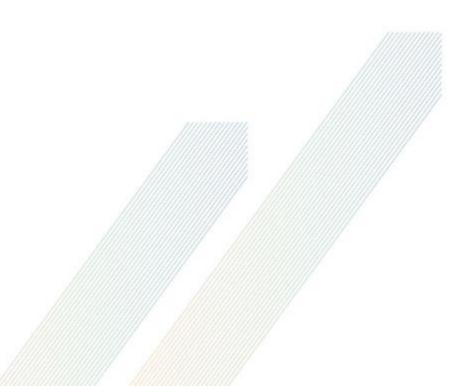


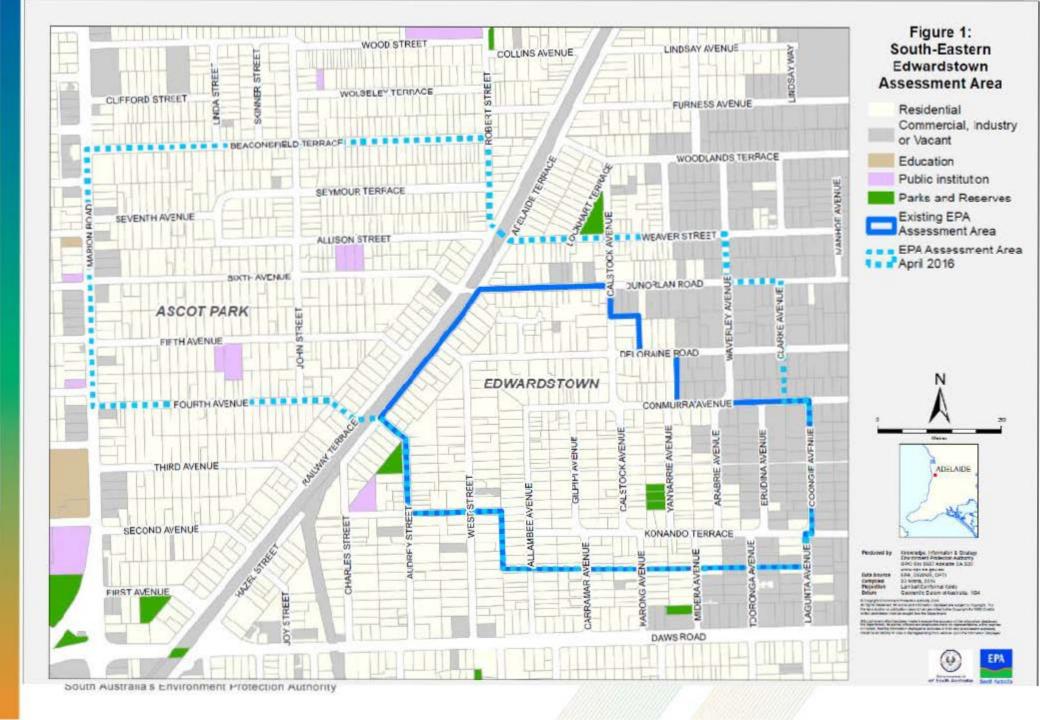
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# 3. Design and scope of new works

Dale McGill A/Principal Adviser, Site Contamination







# 3. Design and scope of new works

Twenty groundwater bores and twenty soil vapour testing bores are in the process of being installed in Edwardstown and Ascot Park.

Bores are being installed in the west of the assessment area across train line, and in the north east to more accurately define the potential source of contamination.



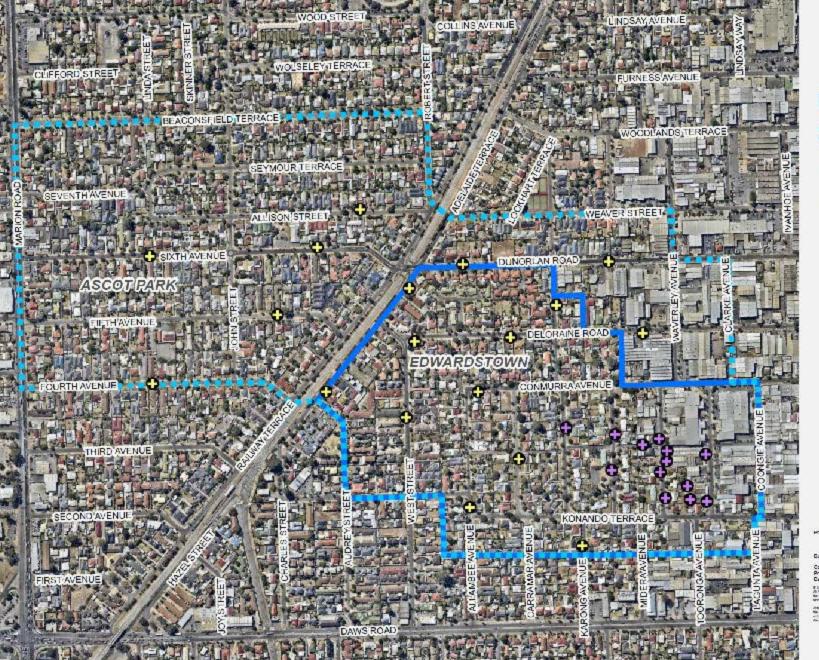


Figure 2: South-Eastern Edwardstown Assessment Area

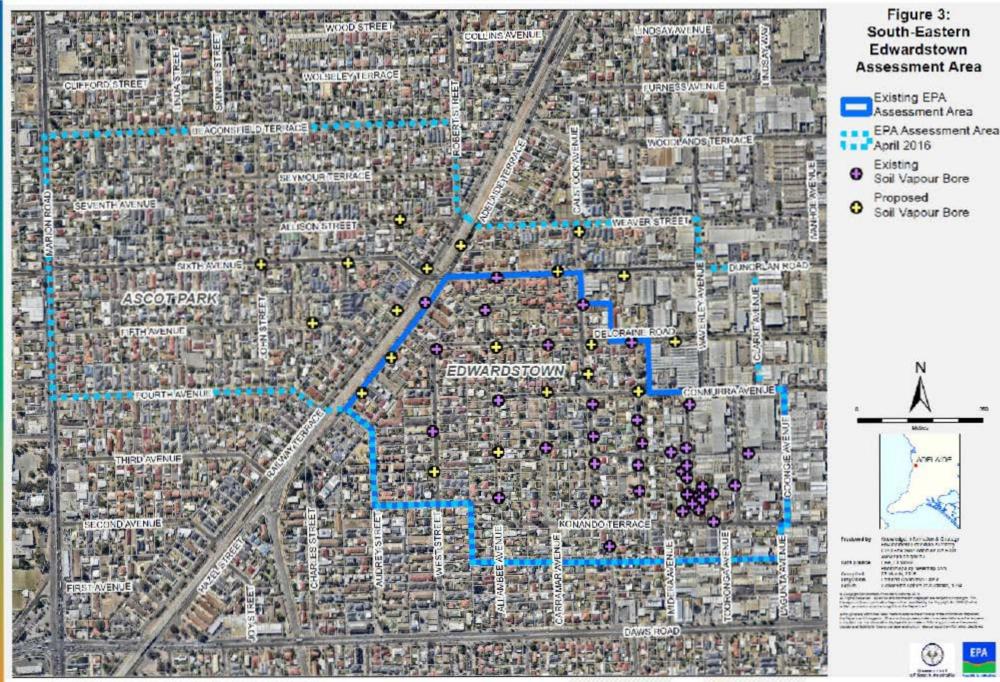
Existing EPA Assessment Area EPA Assessment Area April 2016 Existing Groundwater Well Proposed Groundwater Well



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## 3. Design and scope of new works





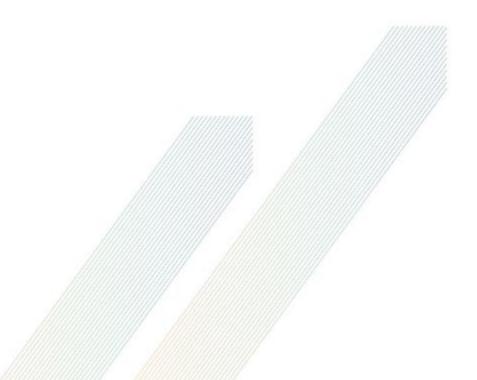
Bore installation is commencing this week and continuing through until late May 2016.

The next report, including data, an updated conceptual site model and revised risk assessment is expected in late June 2016.

## 4. SA Health



Dr Ian Delaere Manager – Toxicology

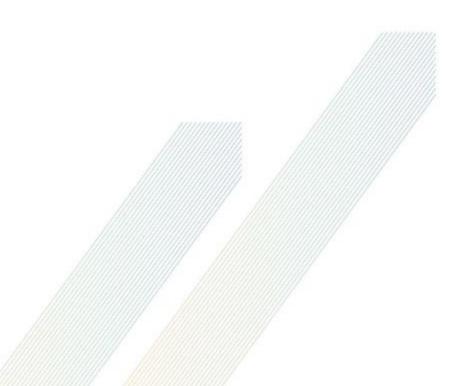


# 5. Questions



What do the TCE predictions mean for pregnant women both working or living in South Eastern Edwardstown (at the locations where the predictions are highest?).

Any other questions?



### Thank you and next meeting



Next meeting is proposed for Tuesday 12 July 2016, after the report has been submitted and reviewed by the EPA.

