

TO THE RESIDENT

Dear resident

Re: Hendon environmental assessment report findings

As you may be aware, the Environment Protection Authority (EPA) has been assessing groundwater and soil vapour in Hendon for historically used chemicals including trichloroethene (TCE), since December 2014.

The most recent stage of the assessment program has concentrated on finding the boundaries of the groundwater and soil vapour plumes. Only minor concentrations of TCE (less than one microgram per litre) have been found in the groundwater bores located in the most north-western part of the assessment area. The soil vapour plume has also largely been delineated, and the human health risk assessment has indicated that predicted levels of TCE in indoor air would not be detectable or would have less than two micrograms per cubic metre. These levels are considered to be safe and no testing is required in private homes.

In two specific areas the results have identified that properties with basements might need to ensure they are adequately ventilated if occupants spend any length of time in them. The EPA will soon commence a doorknocking survey to determine how many people this affects (please see attached map).

The EPA will also undertake additional work to determine the necessary size of a future groundwater prohibition area, which will put a formal restriction on the extraction of groundwater in this area via a bore. As per previous advice, please do not use bore water for any purpose. Mains water and water from rainwater tanks are not affected. Home grown fruit and vegetables are safe to consume, provided they are not watered with bore water.

If you have any queries or concerns, please do not hesitate to contact us on 1800 729 175 or email EPASiteContam@sa.gov.au.

Yours sincerely



Andrew Pruszinski

MANAGER SITE CONTAMINATION

ENVIRONMENT PROTECTION AUTHORITY

Date: 16 May 2016

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

Για να ζητήσετε ένα αντίγραφο της παρούσας επιστολής στην ελληνική γλώσσα, παρακαλούμε τηλεφωνήστε στο 13 14 50.

为了要求这封信普通话的副本，请致电13 14 50.

Indoor air level response range (TCE)



No Action

Indoor Air Level:
Nothing detected

Safe



Validation

Indoor Air Level:
Above detection - less than 2 ($\mu\text{g}/\text{m}^3$)

Safe



Investigation

Indoor Air Level:
2 - less than 20 ($\mu\text{g}/\text{m}^3$)

No immediate health concerns
Further assessment may be necessary



Intervention

Indoor Air Level:
20 - less than 200 ($\mu\text{g}/\text{m}^3$)

There may be a health risk
Immediately look at next steps and further assessment



Accelerated Intervention

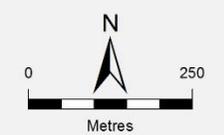
Indoor Air Level:
200 and above ($\mu\text{g}/\text{m}^3$)

There is a health risk
Immediate action (mitigation or possible relocation)

EPA Assessment Area



-  Hendon Industrial Area
-  Revised Assessment Area
-  Basements Require Adequate Ventilation



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