

7. Latrobe Residential House Dust Study



Dr. Martine Dennekamp
on behalf of the research
team

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Latrobe Residential House Dust Study

Why are we doing this study?

- The previous presentation showed where the coal mine fire emissions were across the Latrobe Valley
- Using these atmospheric models we can estimate exposure at different locations however, we would like to find a direct way of measuring exposures
- The smoke emissions included lots of compounds such as metals at very low concentrations
- The unique combination of these compounds in relation to each other provides a signature or ‘fingerprint’ for this particular smoke plume
- This study is looking for an appropriate fingerprint of the fire emissions to understand which locations were impacted the most and the least by the emissions from the Hazelwood coal mine fire

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Background

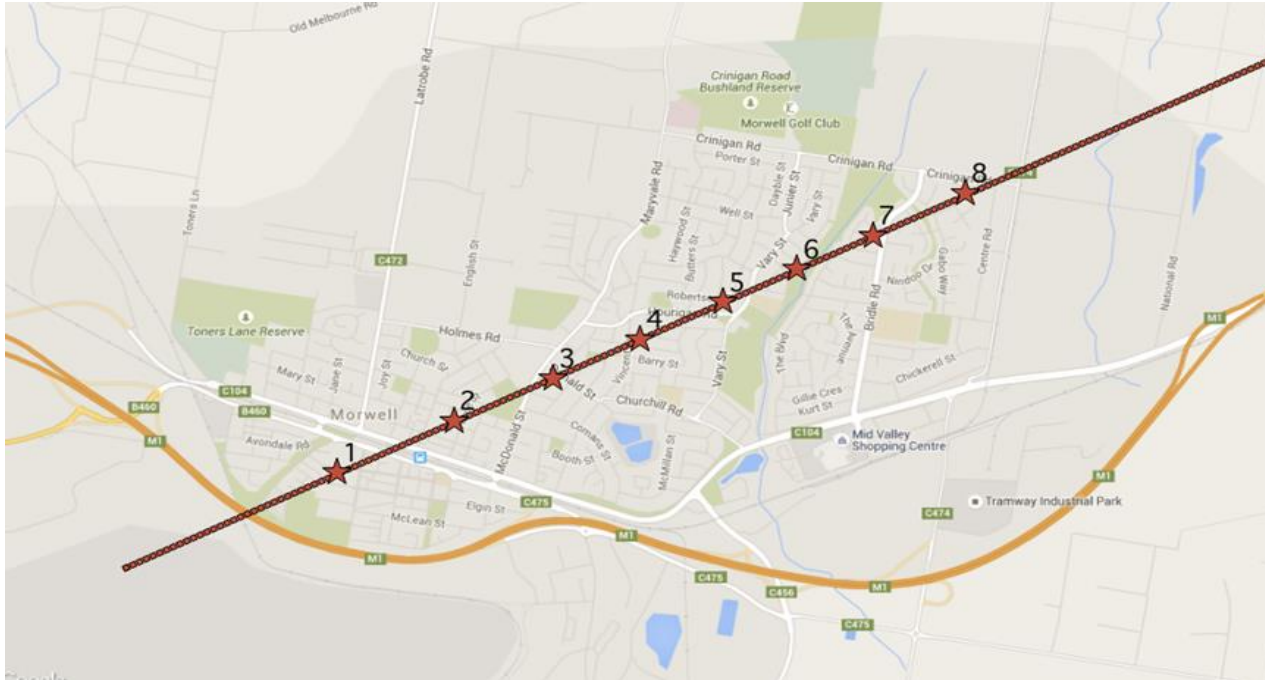
How was your home impacted by the Hazelwood coalmine fire emissions?

- Select homes in Morwell, Moe, Traralgon, Churchill and Sale
- Inclusion criteria
 - Access to roof space
 - Homes where no smoking occurs
- Collect a sample of dust using a specialised vacuum cleaner
- Collect a sample of soil from your yard
- Complete a questionnaire about your home
- Visit will take approximately 45 minutes to complete

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Locations of Interest

34 Homes in Morwell



4 Homes each in Moe, Traralgon, Churchill and Sale

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Contact us

Who to contact if you are interested in participating.

- Phone: 1800 322 102
- Email: Latrobe.elf@utas.edu.au
- Dr Amanda Wheeler, Menzies Institute for Medical Research, University of Tasmania, Private Bag 23, Hobart, TAS 7000
- Currently obtaining ethical approval from the University of Tasmania.
- House visits will be in early November 2015
- Thank you for your interest.