

TOPIC: VAPOUR INTRUSION INVESTIGATION, MITIGATION AND VALIDATION USING ON-SITE ANALYSIS

Presented by: Dane Egelton, CSI Australia

Time: 6:15pm-7pm (after AGM)
Date: Tuesday 6 August 2019
Where: The Griffin – 38 Hindmarsh Square (upstairs)

Synopsis:

An on-site mobile laboratory service now on offer in Australia can be used to expedite the investigation of vapours (indoor air & soil gas) as well as the assessment of mitigation options and the validation of mitigation systems by reporting in real-time. Compounds for which this technology is suitable include TCE, PCE, TCA, cis & trans DCE and BTEX in the gas phase.

This presentation will discuss new technology available in Australia for the investigation of primarily chlorinated compound impacted sites with potential vapour intrusion risks. Specifically, it involves a gas chromatograph (GC) that can analyse a gas sample in <10 mins on-site! The GC can also sample in continuous monitoring mode from up to 16 sample locations and upload the data in real-time.

Continuous monitoring of indoor air concentrations provides the information required to solve the cause and effect of 'how' or 'if' vapour intrusion is occurring. Some new case studies will be presented from data collected here in Australia.

Presenter's Bio:

Dane Egelton has over 14 years' experience in contaminated land investigations with a strong focus on the vapour intrusion pathway, including sampling and analytical methods. He is a Principal at Contaminated Site Investigations Australia (CSI Australia) and is a committee member of ALGA's vapour and gas special interest group.

REGISTRATION

Registration at: <https://aclca.org.au/sa-events>

This workshop is open to members only.

Join us for a light refreshments and nibbles from 5pm-5:30pm and after the workshop for one hour.

RSVP: 30 July 2019

Are you a member of a professional association? This course is likely to be valid for CPD points (or similar).

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