

## Soil Vapour Sampling – NATA Accreditation

### NATA Accreditation for Summa Canister Sampling of Soil Gas Volatile Organic Compounds (VOCs)



Eurofins | mgt's Melbourne Field Services team, who have over 10 years' experience with soil vapour sampling, obtained NATA accreditation for the sampling of gases using summa canisters according to in-house method *LTM-AIR-1020 - Soil Gas Sampling* including leak testing of sub-surface locations using helium as a tracer.

This method is applicable to measure soil vapour concentrations within sub-surface locations viz gas probes, landfill gas bores, vapour pins etc. and follows the sampling and analysis recommendations listed in CRC CARE Technical Report 23 – *Petroleum hydrocarbon vapour intrusion assessment: Australian Guidance* as well as US EPA Method TO-15<sup>1</sup>.

Partnering with Eurofins on your next soil gas analysis project will give you access to NATA accredited sampling expertise that only a few professionals have and analytical options including support from our colleagues at Eurofins Air Toxics in the USA that provides a capability unmatched by any other air laboratory in Australia & New Zealand and the world. Our capabilities and expertise in these techniques provide you with the tools to meet your project and quality objectives in a cost-effective manner.

<sup>1</sup> EPA. 1999. "Air Method, Toxic Organics-15 (TO-15): Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition: Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)." EPA 625/R-96/010b

### TO-15 Summa Canister Sampling Solutions

For sites requiring conventional TO-15 summa canister samples for soil gas collection, Eurofins can provide additional sampling equipment to assist with purging lines prior to collection, conducting leak checks on the train, monitoring vacuum at the extraction probe and performing an equipment train blank. Equipment available from the laboratory includes soil gas manifolds, 100% certified and pressurised canisters of zero air or nitrogen and helium shrouds. Alternatively, if you require NATA accredited sampling we can accommodate all your requirements using our expert Field Services Team.



### Guide to Air Sampling

#### Canisters



### Eurofins | mgt Expertise

If you would like to discuss logistical details for your upcoming soil gas projects then please contact your local Analytical Service Manager or one of our Business Development team listed below.

Technical support can be provided by contacting Stephen Curwood, Peter Richardson or Dr. Bob Symons.

## Global Leader - Results You Can Trust

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