

Why is air analysis important to you?

With a growing concern over contamination in air and how it may affect potential receptors, many states and the USEPA have written guidance documents on how to evaluate vapor pathways and the sampling required to ensure safe indoor air.

To fully evaluate the impact of contamination, to complete remedial investigations, and to obtain final clearance for remediation projects involving volatile and semivolatile compounds, soil vapor intrusion must be considered. At a minimum you must be able to prove that a soil vapor intrusion pathway is not complete for present or future structures. If the pathway is complete, sampling may be required. Lancaster Laboratories can help you with the sampling and analysis.

Are you prepared to deal with air monitoring?

Air sampling typically requires the use of SUMMA™ canisters. However, states do vary on their sample collection and analysis guidance. Requirements for the type of samples needed, including soil vapor points, indoor air, and sub-slab and the collection rates and duration will depend on your specific regulatory requirements. Lancaster Labs' experience with sample planning, collection, and analysis as well as our regulatory program expertise will ensure your sample data meets its intended need.

We offer:

- 100% clean certification for every SUMMA Can we supply
- Sampling supplies, including SUMMA Cans, flow controllers, gauges, and sampling media
- Analysis for:
 - Volatiles by TO-15 and TO-14A GC/MS, including oxygenates and naphthalene
 - Semivolatile PAHs by TO-13 GC/MS
 - Volatiles and TPH by GC/FID/PID
 - CO₂ and O₂ analysis

Our expertise in regulatory guidance includes:

California	Colorado
Massachusetts	New Hampshire
New Jersey	New York
Pennsylvania	US EPA Office of Solid Waste and Emergency Response (OSWER)

Call your Lancaster Laboratories' project manager or Dick Entz, principal air scientist, at 717-656-2300, Ext. 1559, to request a quote or place an order.

Lancaster Laboratories is one of the largest commercial testing labs in the nation with more than 750 scientists, technicians, and support personnel in our 175,000-square-foot facility.

For links to the websites with more information about the guidance, please check our website: www.lancasterlabs.com.

