

Vapor Intrusion

TestAmerica has 25 years of experience providing laboratory data for the evaluation of the Vapor Intrusion pathway.

Vapor intrusion (VI) is a pathway of potential human health concern at sites where volatile chemicals are present in soil and/or groundwater, and where buildings currently exist or might exist in the future. VI generally occurs through the migration of these volatile chemicals into an overlying building. TestAmerica can assist you in developing analytical programs that evaluate chemicals of concern in: buildings; the sub-slab (beneath a building); the soil gas (around the building); and in the ambient air. TestAmerica offers:

- **Convenience of scale and a nationwide footprint.** We provide industry leading laboratory capacity from three full-service air laboratories. We are your single source solution, providing full-service air testing from one company.
- **Reliable availability of sampling equipment,** including canisters, flow controllers, fittings, tubing and a variety of sorbent tubes. We help you meet time sensitive commitments. Our inventory of more than 4,500 canisters and 2,200 flow controllers are provided from locations throughout the U.S.
- **Projects on schedule and within budget.** First time quality and reliability stem from our technical expertise, senior Project Managers and more than twenty five years of experience. We assist you in defining the best analytical approaches for achieving data quality objectives.
- **Method modifications and alternatives** to help you solve complex problems. We offer low level VOC analysis, as well as a full range of semi-volatile methods.

- **Fast and consistent delivery of data,** giving you cost-effective, time saving and 24/7 secure access through TotalAccess®, TestAmerica's online data management portal for project information.

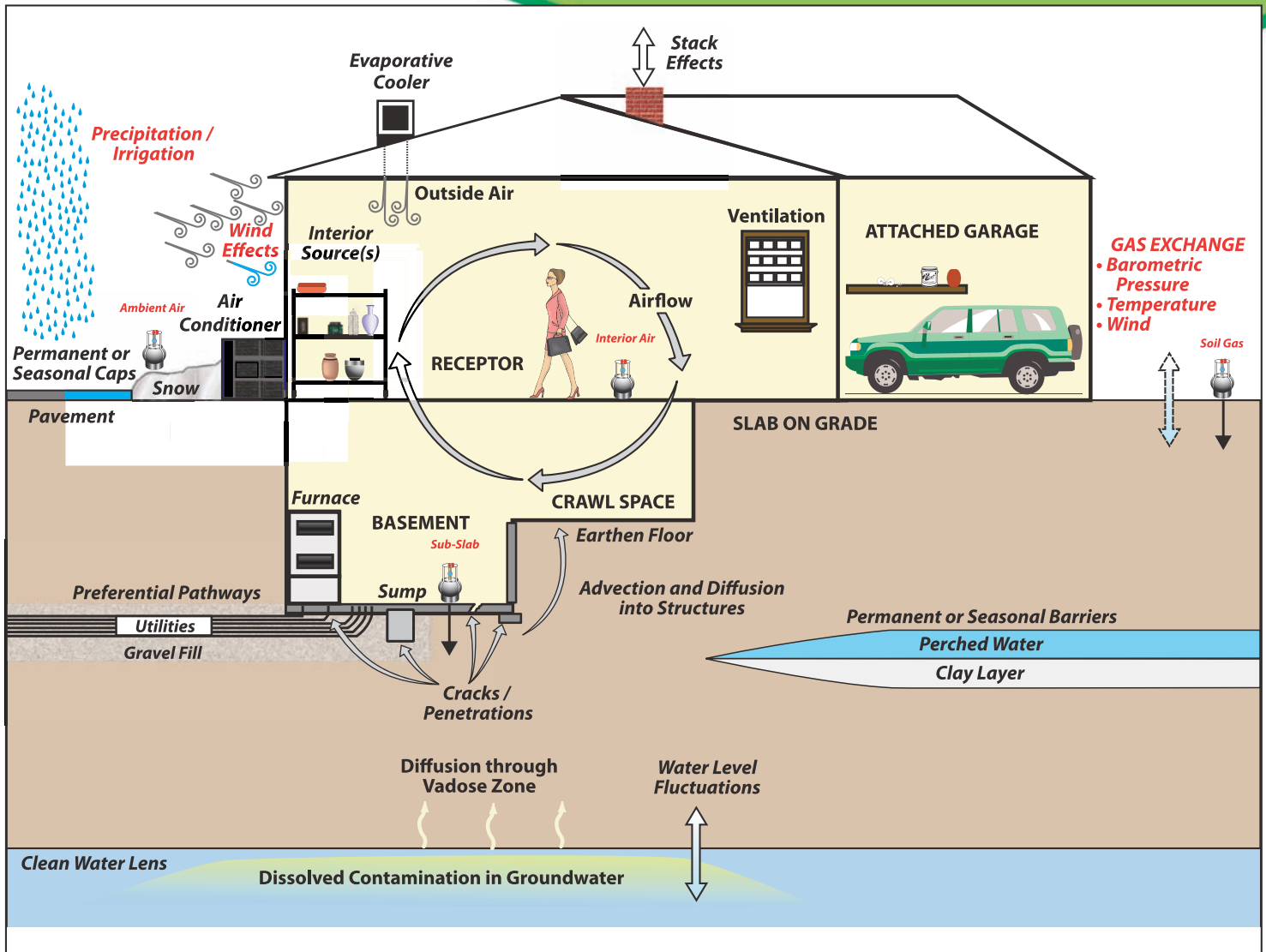
The EPA's VI guidance is used at RCRA, CERCLA and Federal facilities. It is also used by EPA Brownfield grantees and by states with delegated authority to regulate RCRA and CERCLA sites. Along with the EPA, 47 states have now adopted some form of guidance or numerical standards for evaluating the Vapor Intrusion pathway. Many defer to the EPA's guidance.

The EPA encourages a "multiple lines of evidence" approach and the development of a Conceptual Site Model (CSM). Evaluation of the VI pathway is complex and dependent upon many site specific variables. More supporting evidence provides better decisions and less uncertainty and risk. One important line of evidence is laboratory data derived from the sampling of vapors in and around buildings on a contaminated site. TestAmerica can assist by providing laboratory data, helping to clarify if the vapor pathway is complete.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

www.testamericainc.com
866.785.LABS

Vapor Intrusion Pathway and Canister Sampling Points:



TestAmerica Burlington
 Full-Service Air Lab
 30 Community Drive, Suite 11
 South Burlington, VT 05403
 802.660.1990

TestAmerica Phoenix
 Method TO-17 and Industrial Hygiene
 4625 East Cotton Center Boulevard
 Suite 189
 Phoenix, AZ 85040
 602.437.3340

TestAmerica Project Managers are ready to assist with your sampling and analysis programs. To request a quotation or assistance with your Vapor Intrusion planning, please contact these TestAmerica locations, or visit our website at www.testamericainc.com.

TestAmerica Knoxville
 Full-Service Air Lab
 5815 Middlebrook Pike
 Knoxville, TN 37921
 865.291.3000

TestAmerica Sacramento
 Full-Service Air Lab
 880 Riverside Parkway
 West Sacramento, CA 95605
 916.373.5600

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING