



Acronyms

Vapor Intrusion Mitigation Team | December 2020

Vapor Intrusion Mitigation Acronym List

Greek Characters

µg/m³ micrograms per cubic meter

A

AARST American Association of Radon Scientists and Technologists
AER air exchange rate
AHU air handling unit
ALM asphalt latex membrane
ANSI American National Standards Institute
APU air purifying unit
ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers
ASTM American Society for Testing and Materials
ASTSWMO Association of State and Territorial Solid Waste Management Officials
ATD analytical thermal desorption
ATSDR Agency for Toxic Substances and Disease Registry
ATU air treatment unit
AVMB aerobic vapor migration barrier

B

BWD block wall depressurization

C

CAPEX capital expense
CM composite membrane
CMU concrete masonry unit
CO carbon monoxide
COC contaminant (or constituent or chemical) of concern
CQA construction quality assurance
CSM conceptual site model
CSP concrete surface profile
CSV crawlspace ventilation

D

DOD United States Department of Defense
DNAPL dense non-aqueous phase liquids
DTD drain tile depressurization
DTSC California Department of Toxic Substances Control

E

EC engineering control
EFC epoxy floor coating
EPDM ethylene propylene diene monomer
ESTCP Environmental Security Technology Certification Program
EVOH ethylene vinyl alcohol

F

FDA United States Food and Drug Administration

FID flame ionization detector

G

GAC granulated activated carbon

H

HDPE high-density polyethylene

HVAC heating, ventilation, and air conditioning

I

IC institutional control

IDEM Indiana Department of Environmental Management

ITRC Interstate Technology and Regulatory Council

L

LLDPE linear low-density polyethylene

LNAPL light non-aqueous phase liquid

LUC land use control

M

MADEP Massachusetts Department of Environmental Protection

MLE multiple lines of evidence

MPCA Minnesota Pollution Control Agency

MPE multiphase extraction

N

NAPL non-aqueous phase liquid

NJDEP New Jersey Department of Environmental Protection

NO₂ nitrogen dioxide

NREL National Renewable Energy Lab

NYDOH New York Department of Health

O

O₂ oxygen

OM&M operation, maintenance, and monitoring

OSWER USEPA Office of Solid Waste and Emergency Response

P

PADEP Pennsylvania Department of Environmental Protection

PAH polycyclic aromatic hydrocarbons

PCB polychlorinated biphenyls

PCE perchloroethylene or perchloroethene

PFAS per- and polyfluoroalkyl substances

PFE pressure field extension

PID photoionization detector

PVC polyvinyl chloride

PVI petroleum vapor intrusion

Q

QA/QC quality assurance/quality control

R

ROI radius of influence

S

scfm square cubic feet per minute

SDR standard dimensional ratio

SMD sub-membrane depressurization

SSD sub-slab depressurization

SSV sub-slab ventilation

SVE soil vapor extraction

T

TCE trichloroethylene or trichloroethene

TPH total petroleum hydrocarbons

TM thermoplastic membrane

U

USDA United States Department of Agriculture

USDOE United States Department of Energy

USEPA United States Environmental Protection Agency

V

VAV variable air volume

VG vented garage

VI vapor intrusion

VIMS vapor intrusion mitigation system

VOC volatile organic compound

W

WDNR Wisconsin Department of Natural Resources