



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
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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
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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