

Having trouble viewing this email? [Click here](#)



NJDEP RESPONDS ON VAPOR INTRUSION

Press Release

NJDEP recently responded to RT on a change in NJDEP policy on how to address vapor intrusion, in occupied and unoccupied buildings at remediation sites. This was to follow up on a recent RT Email Blast. Mr. John Boyer of NJDEP, and Gary Brown, President of RT Environmental Services, Inc. discussed the issue in more detail, and the following clarifications are offered:

- NJDEP has not changed its policy regarding addressing vapor intrusion; DEP expects vapor intrusion to be addressed one way or another in occupied and unoccupied buildings where screening levels are exceeded at remediation sites.
- There are technical differences on appropriate investigation approaches to investigate unoccupied buildings - as to when and how such buildings should be investigated for vapor intrusion.
- The 35 foot and 100 foot critical distance criteria from structures where vapor intrusion may be of concern, are based on diffusion, and do not take into account preferential pathways.
- RT believes that most appropriate time to address a structure where vapor intrusion is of concern, is in the winter. At that time, "chimney effects" from the heated building and presence of a combustion unit with a chimney or other exhaust, cause a slight vacuum. Indoor air testing at that time, can reveal the presence of vapor coming from preferential pathways on inward soil diffusion from contaminated soil or groundwater near the building.
- DEP does not automatically require that vapor intrusion be fully addressed with testing, if the building is not occupied. They do however; require that vapor intrusion be addressed, prior to future reoccupancy.

There is no specific approach to investigate "preferential paths". DEP believes that these have to be investigated on a case-by-case basis.

RT appreciates the further information from Mr. Boyer and trusts that the above provides clarify DEP's Policy and expectations, at sites where vapor intrusion and impacts to indoor air, may be of concern. We thank him for providing more information on this issue.

If there are further questions, Mr. Boyer can be reached at 609-984-9751 or email at john.boyer@dep.state.nj.us.

BY: Gary R. Brown, P.E.



Join Our Mailing List!

DIRECTORY

Corporate Headquarters

215 West Church Road
King of Prussia, PA 19406
Phone: (610) 265-1510 / FAX: (610) 265-0687

New Jersey

Pureland Complex, Suite 306
510 Heron Drive, P.O. Box 521
Bridgeport, NJ 08014
Phone: (856) 467-2276 / FAX: (856) 467-3476

Southwest Pennsylvania

591 East Maiden Street
Washington, PA 15301
Phone: (724) 206-0348 / FAX: (724) 206-0380

E-mail: RTENV@AOL.COM

World Wide Web: [HTTP://RTENV.COM](http://RTENV.COM)

24 HOUR URGENT LINE SERVICE 800-725-0593

[Forward email](#)



This email was sent to mtammaro@rtenv.com by mtammaro@rtenv.com |
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

RT Environmental Services, Inc. | 215 W. Church Road | King of Prussia | PA | 19406