

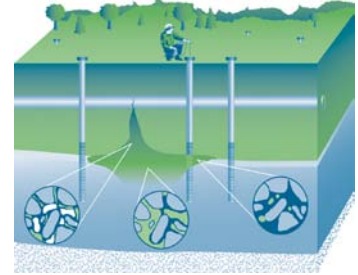


ITRC Guidance Information for Regulators

Product Announcement (December 2009)

Evaluating LNAPL Remedial Technologies for Achieving Project Goals

This new ITRC guidance document helps regulators set appropriate LNAPL remedial objectives and select or approve appropriate LNAPL remedial technologies.



Background

Light, nonaqueous-phase liquids (LNAPLs) are present at soil and groundwater contamination sites in every state, pose some of the greatest challenges to assessment and remediation, and typically delay or prevent regulatory project closure. Commonly, the remedial objectives for LNAPL are unclear, and LNAPL remedial technologies are inappropriately applied to address the particular LNAPL situation.

This technical/regulatory guidance document helps regulators set appropriate LNAPL remedial objectives, identify and select or approve an appropriate LNAPL remedial technology to achieve the objectives, and apply performance metrics to gauge remedial effectiveness and demonstrate achievement of the objectives.

Benefits

- ▶ Enhances agency understanding of LNAPL behavior and LNAPL remedial technologies
- ▶ Promotes consistency when developing or evaluating LNAPL remedial objectives
- ▶ Provides a framework through which to select or evaluate proposed LNAPL remedial technologies
- ▶ Provides an objective basis to assess LNAPL remedial progress and achievement of the LNAPL remedial objectives
- ▶ Helps streamline/expedite LNAPL management process

Actions

Here's what you can do to bring ITRC benefits to your state:

- ▶ Promote use of guidance and FREE Internet-based training with your staff as well as with site owners and their consultants
- ▶ Consider using the guidance as a tool to update or augment existing state or company LNAPL management guidance
- ▶ Provide your state's concurrence on the guidance document
- ▶ Report to ITRC, via your state POC, any successes or concerns related to this guidance

Resources

Documents

- ▶ *Evaluating LNAPL Remedial Technologies for Achieving Project Goals*, LNAPL-2, 2009.
- ▶ *Evaluating Natural Source Zone Depletion at Sites with LNAPL*, LNAPL-1, 2009.

Links

Go to www.itrcweb.org and click on “Guidance Documents” to order or download documents.

For more information and useful links about LNAPLs, go to <http://www.cluin.org/conf/itrc/LNAPLcr/resource.cfm>.

Training

ITRC has a FREE Internet-based LNAPLs training course on the LNAPLs remedial technology selection framework presented in LNAPL-2. Two other FREE internet-based LNAPLs training courses are available that cover LNAPL behavior in the subsurface, LNAPL assessment, LNAPL conceptual site model development, and LNAPL recoverability.

ITRC’s Internet-based training courses assist potential users of the ITRC guidance document to understand when and how to use the document and the associated technology and/or approach. Participants can take the training “live” from the comfort of their own office or access archives of past classes at their convenience. Through ITRC’s partnership with U.S. EPA’s Technology Innovation Program, ITRC delivers training courses via the Internet to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents.

Cost: Sponsored by ITRC and EPA with no cost for the participant

Registration: <http://clu-in.org/studio/seminar.cfm> (opens 4–6 weeks prior to class date)

Associated guidance documents: Available from www.itrcweb.org

If you have questions after completing the on-line registration, call (402) 201-2419 or send an e-mail to training@itrcweb.org.

Contacts

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Regulatory Acceptance for New Solutions

Documents, free Internet-based training, contact information

www.itrcweb.org