



Missouri Department of  
Natural Resources

# Current Issues at Tank Remediation Sites

- Laura Luther
- Tanks Remediation Unit Chief
- Hazardous Waste Program
- Division of Environmental Quality

# Mail

Send through the mail to:

Laura Luther

Hazardous Waste Program

Missouri Department of Natural Resources

P.O. Box 176

Jefferson City, MO 65102-0176

# Shipping

Ship to:

Laura Luther

Hazardous Waste Program

Missouri Department of Natural Resources

1730 East Elm Street

Jefferson City, MO 65101

# Document Titles

- Work Plans!!!
- Make sure addresses are correct
- Include correct ST and R numbers

# Preliminary Risk Assessments

- Only send if there is an exceedence for a **current** pathway, then only send that part of the evaluation
- Sites with incomplete site characterization or data gaps will only get a quick review of preliminary risk assessments
- Revised risk assessment necessary when site characterization and data gaps completed.

# Domestic Use Evaluations

- Require RG or PE seals
- Need to be complete for all sites
- St. Louis City MOU
- Be aware of special area and sensitive area specifications

# Vertical Delineation

- Section 5.8.2

“Continue field screening, below the water table if necessary, until PID readings at two consecutive intervals are at or below background levels.”

# LNAPL

- Appendix E.3 last bullet point  
“For wells that contain or have contained free product within the most recent two years, the concentration representative of the well should be the effective solubility of the various chemicals representing the free product in the well.”

We will also accept LNAPL data from a qualified analytical laboratory

# RCs for Soil

- For data collected from the same zone in a boring, that data needs to be averaged for that boring prior to averaging with other borings.

# Plume Stability

- MAROS
- Surfer 9.0
- From Ground Water Monitoring and Remediation "A Practical Method to Evaluate Ground Water Contaminant Plume Stability" by Joseph a Ricker

# Revision Issues

- Cannot use 2008 RBTAs without the rest of the process proposed
- Sites previously approved to use revision can continue
- Sites interested in using the revision need to contact me

# Set Backs and Zoning

- Not usable for determining location of hypothetical building
- Not sufficient on their own for domestic use evaluation

Thank You