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DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Environmental Cleanup & Brownfields

# **Land Recycling Program Technical Guidance Manual Revision Topics Overview**

**Cleanup Standards Scientific Advisory Board  
Meeting  
May 31, 2023**

Josh Shapiro, Governor

Richard Negrin  
Acting Secretary

# General Updates

- Tables and figures
  - Remove those that may become outdated as other programs update their regulations
  - Replace with reference to website for the applicable program
- Section References
  - Double-check and update all section references to Act 2, Chapter 250, and other sections of the Technical Guidance Manual (TGM)

# General Updates (continued)

- Incorporate Q&A's that are still under development
- Language clarifications
  - Revise language as necessary to improve clarity
- Addition of definitions/descriptions
  - Add language to clarify the meaning of terms used in the TGM that may be misunderstood

# Section II Updates

- How to define compounds for relief of liability (ROL)
  - Remediators need guidance on how to clearly define which contaminants for which they are seeking liability relief
- Explain rounding of sampling data for comparison to MSCs including MCLs and HALs

## Section II Updates (Continued)

- Clarify language regarding application of  $1/10^{\text{th}}$  of the soil MSC for saturated soils
- Add discussion of surrogates and justification of surrogate choice
- Expand discussion of PNDI to explain boundary and fate and transport needs

# Section III Updates

- Update and remove all reference to the PENTOX model and replace with Toxics Management Spreadsheet (TMS)
- Update to the statistics section
- Revision and review of LNAPL discussion

# Section IV and V Updates

- Section IV: Update guidance for inorganic vapor intrusion evaluation
  - New mercury screening values
  - Screening for all inorganic compounds
- Section V: Clarify language regarding applicability of waiver requests

# Next Steps for TGM

- Make updates to the text of the TGM
- Bring updates to the regional offices and the CSSAB for review
- Will establish a timeline based on suggested edits and level of detail



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# Questions?

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