Land Recycling Program
Technical Guidance Manual
Sections V & VI Revisions

Cleanup Standards Scientific Advisory Board Meeting
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presented by:
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General Approach

• Each revised Technical Guidance Manual (TGM) section presented to Cleanup Standards Scientific Advisory Board (CSSAB) at 2016 meetings

• All sections will also be individually reviewed by regional office staff

• TGM will be revised and compiled into one draft document then presented to CSSAB again for review prior to public comment
What is addressed in this draft

• New Section V is old Section III – *Relationship to Other Environmental Statutes*

• Info on other programs formerly in old Section I.D moved to new Section V
  – Regulated storage tanks release sites
  – Short list of petroleum products
  – Management of separate phase liquids (SPL) under Act 32
  – Solid waste facilities
  – HSCA/CERCLA sites
What is addressed in this draft (continued)

• Rewrite of SPL section
• Will add Oil & Natural Gas Remediation section when revised spill policy is finalized
• Section VI is old Section V – *Related Documents of Interest*
  – Updated content and removed internet links
What is not addressed in this draft

• Section references within text
• Updated figures
• Page numbering and formatting
• Added cross-reference to Management of Fill Policy
• Added clarification on when permits are required if fill is moved within an Act 2 site or between two different Act 2 sites
Added discussion of how to use the site-specific standard to meet surface water quality criteria

Strengthened the erosion and sedimentation control section by referencing Chapter 102.8 to explain post-construction stormwater management (PCSM) requirements at Act 2 sites
• Explained that the installation of radon-type vapor mitigation systems as part of an Act 2 remediation are covered by the permit waiver under Section 902(a) of Act 2

• Included language regarding when and what type of testing is needed for radon abatement systems
• Original strategy was to incorporate all Storage Tank guidance from various sections of the old TGM into Section V of the new TGM.

• However, that strategy has changed.
Regulated Storage Tank Release Sites

• A portion of the Storage Tank Program Guidance has been included in Section V.
• Another Portion of the Storage Tank Program guidance was recently completed and will be incorporated into Section III.
Section III will include:

• General guidance from old Section IV
• Maximum Extent Practicable (MEP) language developed in consultation with the CSSAB.
Regulated Storage Tank Release Sites

Section V will include:

• Language from old Sections I and III
• Management of light non-aqueous phase liquids (LNAPL) language developed in consultation with the CSSAB.
• Removed all web links
• Reordered the list of documents based on order of reference in the text
• Removed outdated references
• Added up-to-date references
Next Steps

• Continue to update figures throughout TGM and add case studies
• Add Oil & Natural Gas Remediation section when revised spill policy is finalized
• Add final vapor intrusion guidance as Section IV
• Combine all sections into one document for review by CSSAB and regional office staff
Discussion?