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DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Environmental Cleanup & Brownfields

Land Recycling Program Technical Guidance Manual Revisions

**Cleanup Standards Scientific Advisory Board Meeting
February 24, 2016**

**presented by:
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PADEP**

TGM Revision Process

General Approach

- Each TGM section to be revised and presented to CSSAB for review
- 2 to 3 sections to be presented and reviewed at each CSSAB meeting in 2016.
- When all sections have been reviewed by CSSAB and revised, entire TGM will go out for public comment.

First Draft

What is addressed in this draft

- Sections of TGM rearranged and TOC revised
- Revisions to Section I for clarity and flow
- Revisions to Section II to address workgroup recommendations and improve clarity
- Rearranged text in the SSS section for better flow and to reduce redundancy and eliminate inaccuracies

First Draft

What is not addressed in this draft

- Section references within text
- Updated figures
- Page numbering and formatting

TGM Structure

Rearranged Sections

- Provide better flow to TGM
- New structure helps accommodate new material (UECA, VI)
- Reduce redundancy and consolidate similar text
- Remove text and figure that are inaccurate or no longer apply to the program

TGM Structure

- Moved most of Section I.D to new Sections II and V.
- New Section II.A focuses on initial stages of applying the program
- Rest of Section II discusses remediation standards

New Section I

- Focus on introductory material
- Moved discussions about administrative procedures to new Section II.A
- Moved discussions on interface issues to new Section V (old Section III).

New Section II.A

Applying Land Recycling to Your Property

- Administrative guidance moved from Section I
- Focused Section II.A on how to get started in the Act 2 process

New Section II.A

Recommendations Addressed

- NIR proof of notification and publication language updated to match proposed rulemaking
- Description of level of detail for site characterization added
- Conceptual site model section revised and figures added

New Section II.B.1

Background Standard

- Majority of changes address workgroup recommendations and Q&A's
- Clarified introductory language
- Updated process checklist
- Clarified how to establish background concentrations
- Updated signatures section

New Section II.B.2

Statewide Health Standard

- Majority of changes address workgroup recommendations and Q&A's
- Addressed issues regarding how to determine a soil MSC
- Updated MSC selection examples
- Added language regarding the use of soil management plans

New Section II.B.3

Site Specific Standard

- Majority of changes involved moving text to improve flow and clarity
- Some text was deleted to reduce redundancy or to remove confusing or inaccurate text
- Added text to clarify attainment sampling requirements
- Updated signatures language

New Section II.B.4

SIA Section

- Majority of changes address workgroup recommendations and Q&A's
- Keystone Innovation Zone language added
- Updating language to address UECA and VI
- Updated signatures section

Next Steps

- Update figures and add more case studies to Sections I and II
- Revise Sections III, V, and VI
- Add final vapor intrusion guidance as Section IV



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Discussion?