Soil Reference Value Program Specific Guidance Revisions

July 2015
Tim Grape
Minnesota Pollution Control Agency
651.757.2893
timothy.grape@state.mn.us

Minnesota Pollution Control Agency
Remediation Program* Soil Reference Value (SRV) Revision Timeline

- **2014**
  - October: Draft SRV, Values & Technical Support Documents (TSD) Released
  - November: Stakeholder Review and Comments on Draft SRV and TSD (comments to MPCA by 12/15/14)

- **2015**
  - January: MPCA Review of Stakeholder Comments
  - February: MPCA Responses to Stakeholder Comments
  - March: Draft SRV, TSD, & Background Values Released
  - April: MPCA & Stakeholder Meeting
  - May: Draft SRV Related Program Specific Guidance Released
  - June: Stakeholder Review and Comments on Draft SRV, TSD and Background Values (comments to MPCA by 9/30/15)
  - July: MPCA Review of Stakeholder SRV and BTV Comments
  - August: Stakeholder Review and Comments on Program Specific Guidance Documents (comments to MPCA by 11/30/15)
  - September: Additional MPCA & Stakeholder Meetings as Needed or Upon Request
  - October: Final SRV, TSD, Background Values, & Program Specific Guidance Released
  - November: MPCA Review of Stakeholder Program Specific Guidance Comments
  - December: All Final SRV, TSD, Background Values & Program Specific Guidance are in Effect Starting January 1, 2016

- **2016**
  - January: * Superfund, Site Assessment, VIC, RCRA Cleanup

* Superfund, Site Assessment, VIC, RCRA Cleanup
EPA’s Superfund Program Provides Methodology to Derive Soil Reference Values to States

MPCA’s EAO & Remediation Division derive SRVs based on EPA’s Superfund Methodology with Remediation’s Use in Mind

Remediation develops program specific guidance using SRVs as a screening tool to investigate soil contamination

Other MPCA programs chose to use SRVs when appropriate after consulting with EAO (Water Permitting, Stormwater, Solid Waste)

Other programs and EAO develop program specific spreadsheets when necessary

Other programs develop program specific guidance including the use of SRVs

Minnesota specific exposures

Minnesota specific toxicity information

We Are Here
Four (4) New/Revised SRV Related Program Specific Guidance Documents

1 New Guidance
3 Revised/Updated Guidance

SRV Guidance are specific to Superfund, VIC and RCRA Programs only.
# New/Revised Guidance

1. MERLA Soil Investigation Guidance (New)
2. Off-Site use of Regulated Fill Policy (Revised)
3. Best Management Practices (BMPs) for the Off-Site Reuse of Unregulated Fill (Revised)
4. Planned Property Use (Revised)
MERLA Soil Investigation Guidance

- Risk Based Guidance for the Soil-Human Health Pathway TSD (1998-Draft)
- Risk Based Site Characterization & Sampling (1998-Draft)
- Remediation Division Policy on Analysis of cPAHs (2011)

MERLA Soil Investigation (New)
Off-Site Use of Regulated Fill

Current guidance = March 2012 document (4 pages)

Revise current document as required to include revised SRV specific terminology

Update this guidance to be consistent with new SRV TSD and MERLA Soil Investigation Document
BMPs for the Off-Site Reuse of Unregulated Fill

Current guidance = February 2012 document (3 pgs.)

Revise existing document as required to include revised SRV specific terminology

Update this guidance to be consistent with new SRV TSD and MERLA soil investigation document
Planned Property Use


Revised Guidance

- Specific to Superfund, VIC and RCRA
- Revise land use categories to be consistent with SRV TSD
- Remove the following templates & add a link to them on MPCA website
  - Real Property Notification/Affidavit
  - Easement
  - Environmental Restrictive Covenant
Summary

Four new/revised Program Specific SRV guidance documents

- MERLA Soil Investigation Guidance (New)
- Off-site Use of Regulated Fill (Revised)
- BMP’s for the Off-Site Use of Unregulated Fill (Revised)
- Planned Property Use (Revised)

Draft Guidance release in October 2015
Final Guidance release in January 2016
SRV Program Specific Guidance Revisions

Questions?

Minneapolis Pollution Control Agency