



Remediation Standards Rule Update

Emerging Issues in Brownfields
Drivers and Challenges
October 18, 2016

Barry Frasco, Assistant Director
Hazardous Site Science, NJDEP





Remediation Standards

Current Status:

Adopted June 2, 2008

Readopted without change April 27, 2015

Expires April 27, 2022

Goal:

- Propose (spring 2017) and adopt (spring/summer 2017) amendments to the rule





Remediation Standards

Readoption Objectives:

- Evaluate existing policies and determine if changes are needed
 - Hierarchy of toxicity data
 - Class “C” carcinogens
 - Significant figures
 - Rounding protocol





Remediation Standards

Readoption Objectives:

- Evaluate existing equations and models for existing exposure pathways
 - Evaluate existing equation default parameters
 - Evaluate existing contaminant list
 - Evaluate addition of new contaminants
 - Dioxins
 - Extractable Petroleum Hydrocarbons





Remediation Standards

Readoption Objectives:

- Inclusion of additional exposure pathways
 - Soil migration to ground water
 - Indoor air
- Evaluation of alternative remediation standard, interim remediation standard, and updating existing remediation standard processes





Remediation Standards

Existing guidance documents will remain as guidance and will be available for use such as

- Impact to Ground Water
 - Soil-Water Partition
 - SPLP
 - Immobile Chemicals
 - SESOIL Model

- Compliance and Attainment





Remediation Standards

Rule amendment will have a “phase in” provision to allow for use of older remediation standards

- RAWP or RAR must be certified by an LSRP and submitted to the Department within 6 months of the effective date of the rule amendment
- meets order of magnitude requirements
- remedial action must be completed by applicable mandatory time frame





Remediation Standards

New technical guidance documents will be prepared for the development of Alternative Remediation Standards





Remediation Standards

Stakeholder Process:

- Department met 13 times with a stakeholder group (March 2014 to August 2015)
- Meetings focused on exchange of ideas/information concerning the readoption objectives and rule language
- Information is on the Department Website at:
<http://www.nj.gov/dep/workgroups/past.html>





Questions?

