



Remediation Standards Rule Update

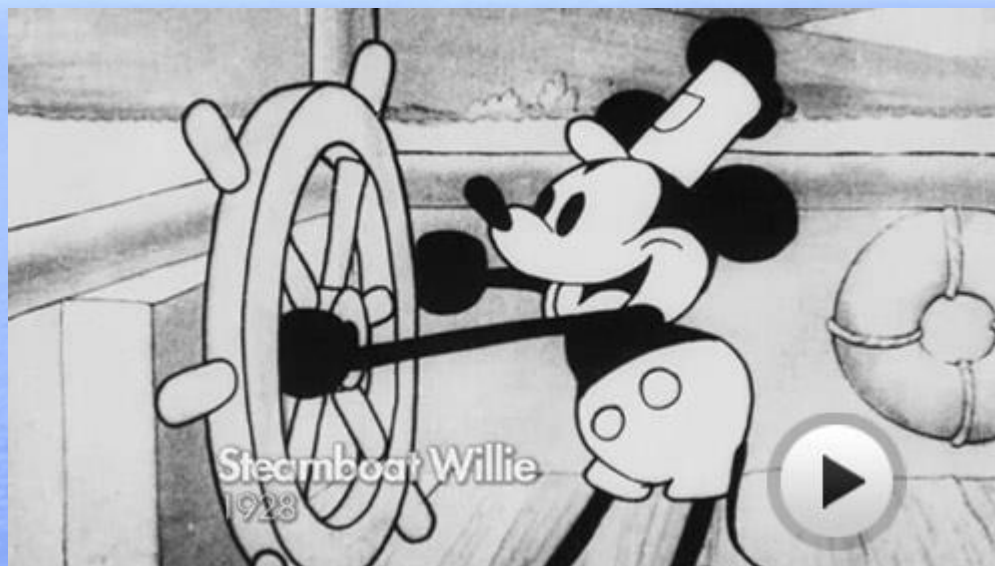
**NJDEP and A&WMA
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Mickey Mouse Day





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 2018) amendments to the rule





Remediation Standards

Readoption Objectives:

- Existing policies were evaluated to determine if changes were needed for:
 - Hierarchy of toxicity data (no change)
 - Class “C” carcinogens (no change)
 - Significant figures (all 2 significant figures except ground water [1 significant figure])
 - Rounding protocol (ASTM E29-13)



Remediation Standards

Readoption Objectives:

- Evaluated equations and models for existing exposure pathways (some changes made)
- Evaluated equation default parameters (some changes made)



Remediation Standards

Readoption Objectives:

- Evaluated contaminant list
 - 13 current contaminants deleted
 - 6 contaminants – toxicological values no longer supported by USEPA
 - 5 contaminants – rarely detected and not on USEPA Target Compound List
 - 2 contaminants – will be treated as a mixture



Remediation Standards

Readoption Objectives:

- Evaluated contaminant list
 - 16 contaminants added
 - 12 contaminants – on the USEPA Target Compound List
 - 4 contaminants – commonly detected but not on USEPA Target Compound List
 - 3 contaminants of interest
 - Dioxins
 - Extractable Petroleum Hydrocarbons
 - 1,4-dioxane





Remediation Standards

Readoption Objectives:

- Included additional exposure pathways
 - Soil migration to ground water
 - Indoor air
- Evaluated 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?

