PROPOSED/FINAL U.S. EPA RULE

COAL COMBUSTION RESIDUALS:

MAXIMIZE CAPACITY and TRANSITION
YOUR EXISTING DISPOSAL SITE
IN COMPLIANCE with FINAL RULE

Is This Your Ash Fill of the Past, Present, or Yet to Come?



Introduction

- 1. Rule Status
- 2. Recent Activity
- 3. Your Existing Site Requirements
- 4. Transition Disposal/Operation Site
- 5. Maximize Existing Capacity
- 6. Recap and Q/A

1. Rule Status

LATEST INFORMATION:



Monday. June 21, 2010

Extractionaries Automatical Activities and the control activities and the c

2. Recent Activity – Request for Comments on:

- Regulatory Impact Analysis
- Large Scale Fills
- Impoundment Integrity
- Time Frames
- How Rule Relates to Overfills

Comments Were Due September 3, 2013

New Disposal Site Requirements

Groundwater Monitoring Well Installation and Sampling















Transition Disposal/Operation Site

 Based on 20 Years of Transition with Municipal Waste Landfills...... What May Be Allowed and Required

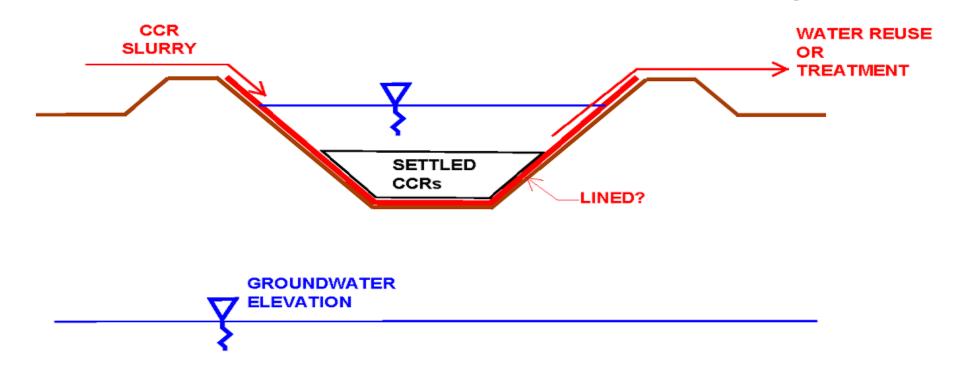
Likely Scenarios

Example

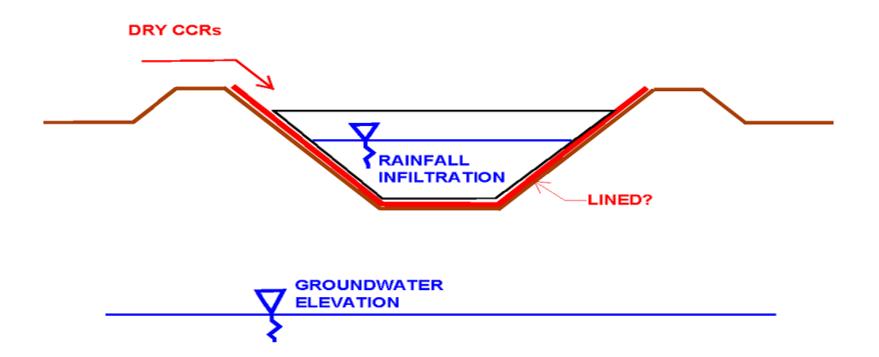
- Unique Site Operations and Rule Accounts for All Possibilities?
- Typical Wet and Dry Disposal Sites
- Maximize Existing Capacity
- Transition to New Rules
- Most Cost Effective Use of Property

3. Your Existing Site Potential Actions

- Groundwater Monitoring
- Impact?
- Actions?
- Capture?
- Containment?
- Treatment?



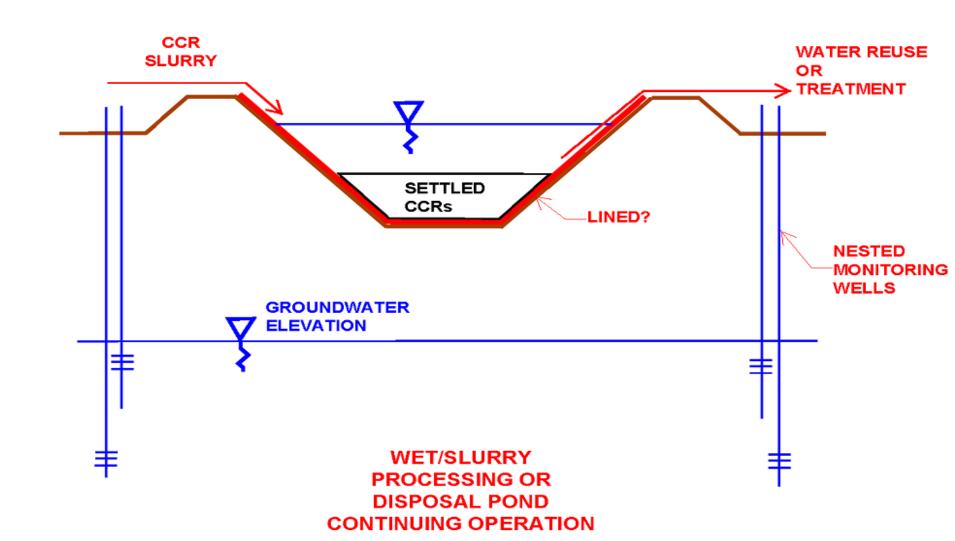
WET/SLURRY
PROCESSING OR
DISPOSAL POND
CURRENT OPERATION

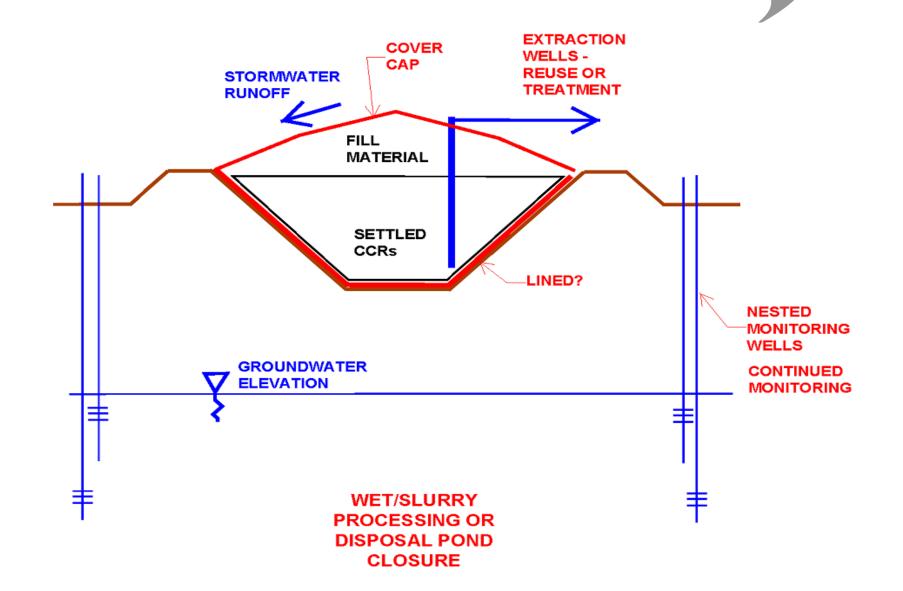


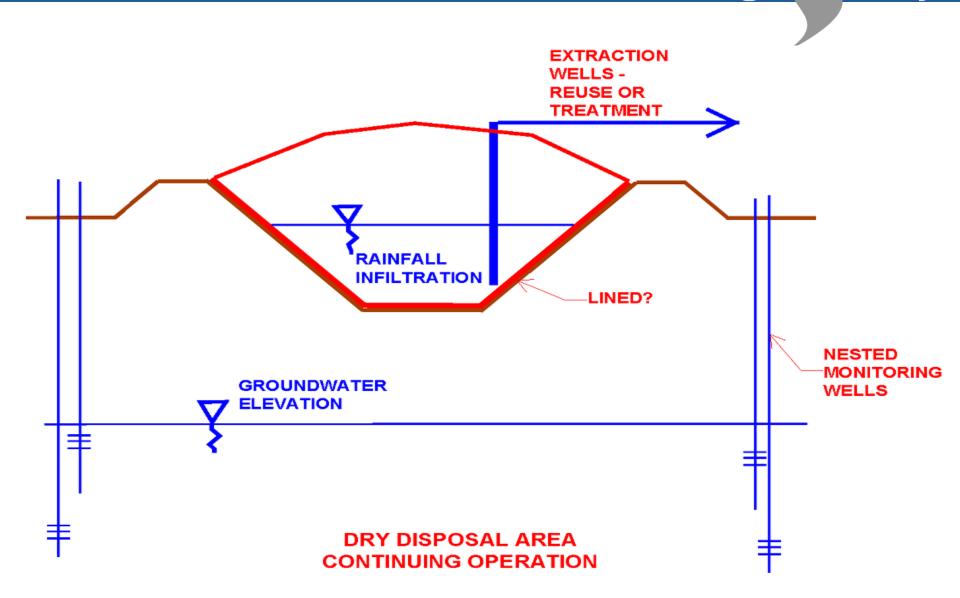
DRY DISPOSAL AREA CURRENT OPERATION

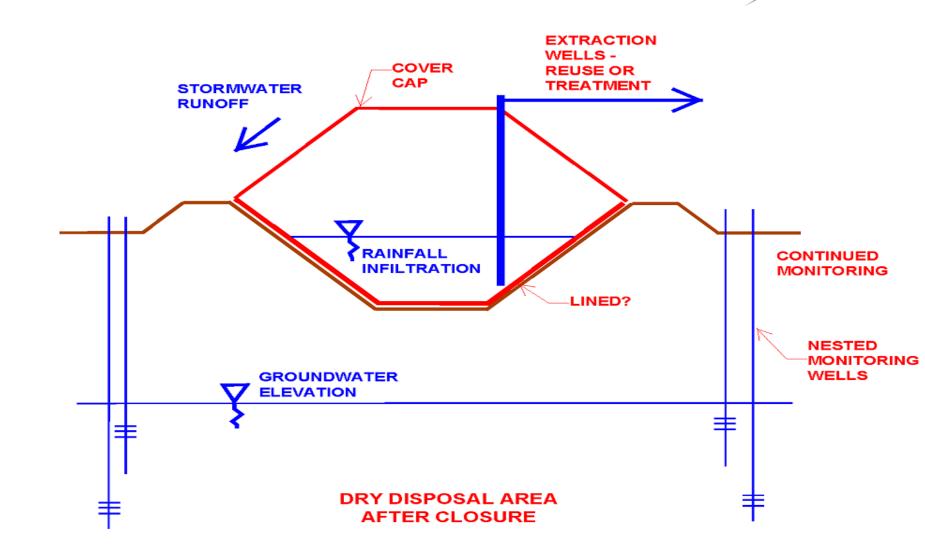
4. Transition: What We Know and Need to Know

- Wet or Dry, You Need More Capacity for Disposal
- Plenty of Property No?
- Does it meet the New Siting Requirements?
- Can it be Made to Meet Requirements?
- How Far Can You Afford to Transport CCRs?
- What Real Estate is the Most Valuable?

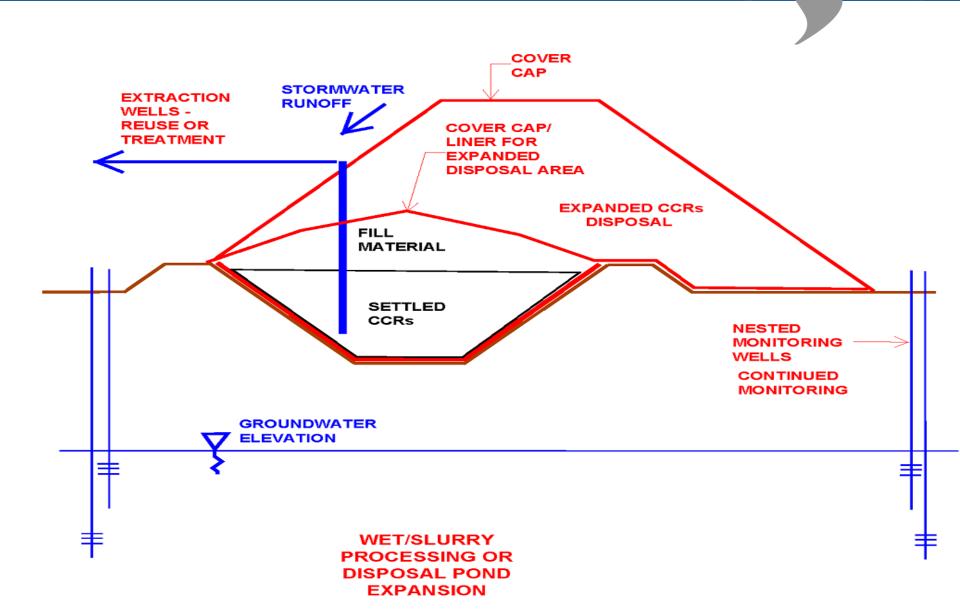


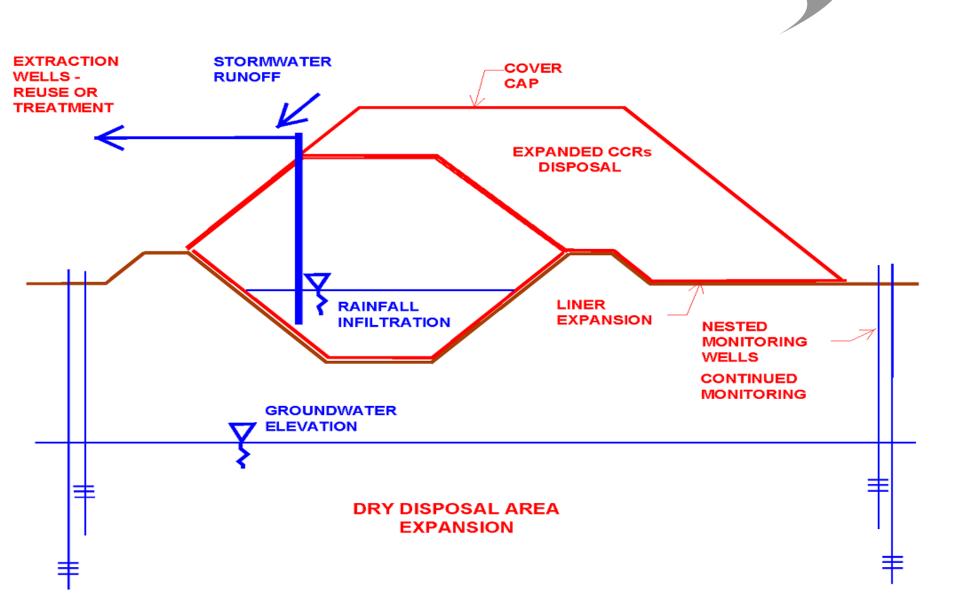






5. Maximize the Existing Site Capacity





Vertical and Horizontal Expansions

Isolation/Separation

 How does this satisfy? Capped, Closed, Monitored

Expand, Where?

 How Far can You Afford to Transport CCRs?

6. RECAP AND Q & A

- 1. Rule Status
- 2. Recent Activity
- 3. Existing Site Requirements
- 4. Transition/Phasing
- 5. Maximize Existing Capacity
- Your System is Unique
- Your Current State Regulations are Unique

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