Act 2 Toolkit: The Act 2 Process in 30 Minutes Plus

June 22, 2017
PSU Great Valley, Malvern, PA

Course Overview
PCPG has revamped its prior course Act 2 Overview (and Dive In To) in response to numerous requests for a day long course that explains the Act 2 process. The revamped course is designed for both the experienced as well as the newer practitioner and uses actual project examples to demonstrate attainment of the four Act 2 Standards.

Equally important is the discussion of what is needed beyond an understanding of Act 2 and the application of good science to deliver the client's desired outcome. It will be shown that the science behind Act 2 is founded on a well-constructed Conceptual Site Model. We will also discuss the administrative requirements and required deliverables for each Act 2 standard and their review time frames.

Agenda

7:30 – 8:00  Registration – Morning Refreshments

8:00 – 8:10  Welcome and Opening Remarks (Vincent Carbone, P.G.)

8:10 – 8:40  Act 2 Closure in 30 Minutes (Vincent Carbone, P.G.)
Using a successful redevelopment project, we will walk through the Act 2 process beginning with the desired outcome, scope of work, project schedule/costs, remedy implementation, post remedial care and administrative process.

8:40 – 8:50  Why Do We Do Act 2? (Don Wagner, P.G.)
• Voluntary/Mandatory
• Environmental liability relief

8:50 – 9:10  Act 2 Applications (Don Wagner, P.G.)
We will use examples to show that there is no such thing as a typical Act 2 project

9:10 – 9:30  Act 2’s Foundation – The Conceptual Site Model (Don Wagner, P.G.)
• Recognizing the three elements of environmental risk
• The importance of site characterization
• What is the client’s goal?
• What will each standard get you?
• Important Takeaways

9:30 – 9:40  Break
9:40 – 10:00  Act 2 Deliverables and Deadlines (TBD – PADEP)

Each Act 2 Standard has its own set of deliverables. We will discuss:

• What is required for each
• Deliverable submittal and review timeframes and review fees
• Interface with other programs

10:00 – 11:05  Attaining the Statewide Health Standard (Vincent Carbone, P.G.)

Using a successful project as an example we will discuss:

• Selecting MSCs – Soil Buffer Distance, SPLP, Equivalency
• Groundwater - Used or Nonuse Aquifer
• Ecological Risk Assessment

11:05 – 11:15  Break

11:15 – 12:05  Attaining the Statewide Health Standard-continued (Vincent Carbone, P.G.)

• Vapor Intrusion
• Clean Fill
• Attainment Demonstration

12:05 – 12:40  Lunch

12:40 - 2:00  Attaining the Site Specific Standard (Vincent Carbone, P.G.)

Using a successful project as an example we will discuss:

• Pathway elimination
• Risk-based numerical standards as alternatives to soil and groundwater MSCs
• Ecological Risk Assessment
• Vapor Intrusion
• Clean Fill

2:00 – 2:10  Break

2:10 - 3:10  Attaining the Site Specific Standard-continued (Vincent Carbone, P.G.)

• Risk Assessment, if necessary
• Attainment demonstration
• Activity and Use Limitations/Post Remedial Care

3:10 – 3:55  Attaining the Background Standard (TBD – PADEP)

• Establishing background concentrations for soil and/or groundwater
• Clean Fill
• Attainment demonstration

3:55 – 4:05  Break

4:05 -4:50  Special Industrial Areas (SIA) (TBD – PADEP)

• Eligibility criteria
• Baseline Remedial Investigation and Work Plan
• Cleanup Obligations
• SIA Consent Order and Agreement

4:50 – 5:00  Question & Answers/Open Discussion (All)

5:00  Evaluations, Adjournment, Sign-Out, Course Certificates