



PCPG

Pennsylvania Council of Professional Geologists
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Act 2 Toolkit: The Act 2 Process in 30 Minutes *Plus*

July 18, 2017
Regional Learning Alliance (Auditorium)
Cranberry Twp., 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

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| 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? (TBA) <ul style="list-style-type: none">• Voluntary/Mandatory• Environmental liability relief |
| 8:50 – 9:10 | Act 2 Applications (TBA)
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 (TBA) <ul style="list-style-type: none">• 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**