

ALL4's Air Quality 101 (v2.0) Training Program Overview

Goal:

Enhance the learning curve for air quality consulting and establish a foundation for core air quality competencies.

Objectives:

1. Fill in historic information often overlooked/unexplained
2. Link work tasks with regulatory basis for work task
3. Broaden the scope of technical/regulatory information and understanding
4. Facilitate the transition to the technical mentoring phase
5. Demonstrate abilities in training exercise

Overview:

The air quality program is designed as a twelve session program culminating in a final training exercise that will involve a mock air quality consulting situation. Training sessions will be scheduled approximately every three to four weeks. Preparation for each session will involve consulting various resources and completing sample exercises. The material to be covered will use a typical New Source Review/Prevention of Significant Deterioration (NSR/PSD) permit application as a blueprint. An NSR/PSD permit application will be dissected and the contents will be examined in a larger context.

<u>Session #</u>	<u>Session Title</u>
1	General Introduction to Air Quality 101
2	Emission Inventories
3	Air Quality Modeling Basics
4	SIP and Major Source Thresholds
5	NSPS and NESAHPS
6	Title V Operating Permits
7	Major NSR Overview
8	PSD NNSR Applicability Assessment
9	PSD Modeling
10	BACT, LAER, and Major NSR Requirements
11	Advanced Air Quality Modeling Techniques
12	Major NSR Permit Strategy Process