

**Publication 281  
Waste Site Procedures  
Refresher Training**

**COURSE AGENDA**

Date: \_\_\_\_\_ April 9-10, 2019 \_\_\_\_\_

Instructor: \_\_\_\_\_ Eric Schmidley (AECOM) & Peter Chronowski (RETTEW) \_\_\_\_\_

<b>Publication 281 Refresher Training Course Topics</b>	
<b>TUESDAY APRIL 9, 2019, 10:00 AM CLASS BEGINS DAY ONE</b>	
<b>Introduction (1-7)</b> Presenters, Course Objectives & Topics	
Summary-Discuss objectives of the training. Understand the purpose and overall procedures of PennDOT's waste site evaluation process; the relationship of Pub 281 procedures with other Federal and State regulations; the roles and responsibilities of Department staff and consultants; and PennDOT's expectations. Discussion on any revisions to the Publication will be provided throughout the course.	
Learning objectives -Understand and know the roles and responsibilities of Department and consultant personnel in satisfying PennDOT's environmental due diligence process relative to transportation projects and property acquisition and divestiture.	
<b>Topic 1-Pub 281 Applicability (8-14)</b>	
Summary-Discussion on the applicability of the Publication 281 process to Design, construction and maintenance operations.	
Learning objectives - Understand that the Departments EDD process complies with the regulatory requirements and is applicable to design, construction, and maintenance operations.	
<b>Topic 2- Pub 281 Health &amp; Safety (15-16)</b>	
Summary-Discussion on PennDOT's expectations for the safe conduct of environmental due diligence.	
Learning objectives – Understand roles and responsibilities in designing and implementing health and safety measures during investigations.	
<b>Topic 3- Pub 281 General Guidance (17-30)</b>	
Summary-Discussion on the phases of waste site investigation, the use of gathered information, and how the phases are implemented and reported and how the phases of investigation are best employed and the integration of these procedures into PennDOT's other operations. Discussion on the roles and responsibilities of PennDOT personnel and any consultants are presented as other special considerations for interaction with other state or Federal agencies.	
Learning objectives -Understand the process of starting broad and narrowing the scope of investigation to specific concerns, then ultimately satisfying those concerns.	
<b>Topic 4- Phase I Environmental Site Assessment (31-56)</b>	
Summary: Discussion on the satisfying EDD through the Phase I site assessment for properties and tanks.	
Learning objective - Understand the resources available and expected outcome of the site assessment conducted for properties or waste sites.	
<b>12:00 – 1:00 PM LUNCH BREAK</b>	
<b>CLASS PROBLEM – PHASE I ESA</b>	
<b>Topic 5-Phase II Environmental Site Assessment (57-77)</b>	
Summary-What constitutes a Phase II assessment, when is it completed, reporting, the roles and responsibilities of the stakeholders, and recommendations for further investigation. Also discussion on the implementation concurrent or separate from a Phase I.	
Learning objectives - Understand the rationale of a Phase II assessment and the expected outcome of the materials testing, and how these findings are presented and support justification for additional work (Phase III).	

<b>Publication 281 Refresher Training Course Topics</b>
<b>BREAK</b>
<b>Topic 6 - Phase III Assessment and Reporting (78-100)</b>
Summary-Define elements of a Phase III, the purpose and expected outcomes; multiple phases can be performed; the roles and responsibilities of Department and consultant personnel, and the scheduling and reporting of findings.
Learning objectives -Understand when a Phase III investigation is required and implemented, what are the expected outcomes, and how to report the findings to various Department personnel.
<b>3:30 PM END DAY ONE</b>
<b>WEDNESDAY APRIL 10, 2019, 9:00 AM CLASS BEGINS DAY TWO</b>
<b>Topic 6 - Phase III Assessment and Reporting (cont.) (78-100)</b>
Summary-Define elements of a Phase III, the purpose and expected outcomes; multiple phases can be performed; the roles and responsibilities of Department and consultant personnel, and the scheduling and reporting of findings.
Learning objectives -Understand when a Phase III investigation is required and implemented, what are the expected outcomes, and how to report the findings to various Department personnel.
<b>CLASS PROBLEM – Phase II &amp; III ESA</b>
<b>Topic 7- Reporting Guidance (101-111)</b>
Summary-Provide attendees with understanding of Departments requirements for reporting methods and findings of waste site investigations and recommendations.
Learning objectives – How to produce a report with accurate recommendations relevant to transportation and maintenance projects.
<b>BREAK</b>
<b>Topic 8- Waste Management Contract Documents (112-118)</b>
Summary-Define contract waste documents, principal uses, elements and formats.
Learning objectives -Understand when waste Special Provisions can be used to manage waste during construction versus Waste Management Plans and their application.
<b>Topic 9 – Management of Fill Policy Applicability (119-123)</b>
Summary-Review of applicable elements of policy with respect to construction and maintenance projects.
Learning objectives -Understand when to incorporate fill policies, procedures and soil standards on construction and maintenance projects.
<b>EXAMINATION &amp; REVIEW</b>
<b>12:00 PM CLASS ENDS DAY TWO</b>