



Clean Water Academy

Course Checklist for E&S Technicians

**Level I training programs should be completed by new staff within 3 months of employment and before attending in-person or classroom trainings.*

**This Level I training program is a prerequisite for the Chapter 102 Basic Technical Training held in-person each spring.*

Chapter 102 Level I - New Staff Training Program

Background

- ☐ DEP and Conservation District Legal Source of Authority
- ☐ Introductory Water Quality Standards
- ☐ Chapter 102 Delegation Agreement
- ☐ Introduction to Chapter 105
- ☐ Understanding Contour Lines and Engineering Scales
- ☐ How to Read and Use Site Plans and Maps

E&S Manual

- ☐ E&S Manual Chapter 3: Site Access
- ☐ E&S Manual Chapter 4: Introduction to Perimeter Controls
- ☐ E&S Manual Chapter 6 Part I: Introduction to Channels
- ☐ E&S Manual Chapter 6 Part II: Channel Design & Review
- ☐ E&S Manual Chapter 7 Part I: Introduction to Sediment Basins
- ☐ E&S Manual Chapter 7 Part II: Sediment Basin Calculations
- ☐ E&S Manual Chapter 8: Sediment Traps
- ☐ E&S Manual Chapter 9: Riprap Apron Design & Review
- ☐ E&S Manual Chapter 10: Low Hazard Individual Lot E&S Plans

Permit & Plan Review

- ☐ E&S Plan Completeness Review
- ☐ E&S Plan Technical Review
- ☐ PCSM Plan Completeness Review

Inspections

- ☐ Construction Site Safety
- ☐ Inspection of Common E&S Best Management Practices
- ☐ Inspection Process and Report Preparation
- ☐ Conducting an Inspection and Preparing a Report

Miscellaneous

- ☐ E&S Plan Review Tips for New Reviewers
- ☐ Intro to Timber Harvesting E&S

Compliance & Enforcement

- ☐ Compliance and Enforcement
- ☐ Referring Cases to DEP



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**Level II training programs focus on special topics and should be completed within 1 year of employment.*

Chapter 102 Level II - Special Topics Training Program

Permitting

- ☐ PAG-01 NPDES General Permit
- ☐ Major and Minor Amendments
- ☐ PAG-02 General Permit

Compliance & Enforcement

- ☐ Corrective Action Plans

Miscellaneous

- ☐ A Basic Introduction to Pervious Pavement
- ☐ Common Plan of Development or Sale
- ☐ Karst Geology - Stormwater Management Considerations
- ☐ Managed Release Concept (MRC)
- ☐ Rip Rap and Coarse Aggregate
- ☐ Soils Considerations in Stormwater Management
- ☐ Solar Panel Farm Projects
- ☐ Stormwater Basin Retrofitting
- ☐ Temporary/Permanent Vegetation and Stabilization
- ☐ Using the Post Construction Stormwater Management (PCSM) Spreadsheet