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Course Fee: \$155
Certification: 3 Years
PDHs: 5.5

Iowa Certified Stormwater Pollution Prevention Plan (SWPPP) Designer *eTraining*

Course ID: ICSD-01

Course Agenda

MODULE 1. About the ICSD Certification **9:04 mins.)**

Training Details

The Five Pillar Approach

MODULE 2. Regulatory Framework **(48:29 mins.)**

Clean Water Act • General Permit No. 2 • MS4 Individual Permits

SWPPPs • Required Paperwork • Certification Statements

SWPPP Exercise

MODULE 3. Calculating Soil Loss **(41:20 mins.)**

The Erosion Process • Soil Characteristics • USLE Equation

MODULE 4. Erosion and Sediment BMPs **46:57 mins.)**

General Principles • Initial BMPs • Perimeter Controls • Good Housekeeping

Erosion Controls • Steep Slopes • Channels and Outlets • Final Stabilization

Inspection Video Exercise

MODULE 5. Post Construction Stormwater Management **(15:54 mins.)**

Water Quality Practices • Soil Quality Restoration • Flood Control Practices

MODULE 6. SWPPP Design Phases 1-3 **(46:00 mins.)**

Site Evaluation • Site Assessment

Erosion Control Design

MODULE 7. SWPPP Design Phases 4-6 **(45:52 mins.)**

Sequencing • Construction

Inspections and Final Stabilization

SWPPP Narrative • Controls • Dewatering • Winter Stabilization

ICSD Certification Exam

ICSD Code of Ethics

Included Handouts

EPA Expedited Settlement Worksheet

EPA "Developing Your Stormwater Pollution Prevention Plan"

ISWEP SWPPP Template

General Permit No. 2 Topsoil

Soil Ribbon Test Instructions

Construction Site Pollution Prevention BMP Field Guide

Concrete Washout and Wet Saw Cutting Handout

Green Infrastructure: Managing Stormwater in Iowa

SWPPPs and Individual Building Sites

SWPPP Review Checklist