



IECA Webinar Outline

CASE STUDIES AND LESSONS LEARNED USING THREE DIMENSIONAL STABILIZATION

Instructor: John St. John, CWS, CPESC

Date: Thursday, November 19 2020 | 10:10 – 11:10AM Eastern Time

This presentation will focus on effective sediment control Best Management Practices (BMPs) that the presenter has observed while working on the reconstruction of I-93, in southern New Hampshire. The focus of this presentation will be on: effective sediment control strategies, choosing the best BMPs, and the how and why they work, on construction sites. The presenter will also explain the step-by-step process and formulas he uses to designing flocculant treatment systems, based on sound science and engineering principles.

Learning Objectives:

1. Effective sediment control means controlling your site water: run-on, run-off, and flow path.
2. To remove suspended sediment, you need to understand and plan for settling of particles, not rely on filtration.
3. To design any sediment removal system, you need to determine site specific soil particle settling rates and do the math.

Professional Development Hour Credit: 1 PDH

RCEP Delivery Method Type: Distance Learning – Synchronous (IECA Webinar)

Category of the Activity: (1) Core Technical Content

