

New Technologies and Concepts in Stormwater Treatment Symposium

Sponsored by the New Jersey Corporation for Advanced Technology, New Jersey Department of Environmental Protection and the Rutgers EcoComplex

June 14th, 2006 at the Rutgers EcoComplex

1200 Florence Columbus Road, Bordentown NJ 08505

New Jersey's Stormwater Management Rules require fundamental changes in the planning, design and implementation of systems and structures for managing stormwater runoff. There have also been important new advances in manufactured treatment technologies. The New Jersey Corporation for Advanced Technology (NJCAT) is hosting this seminar to present some of these new technologies and to discuss the guidelines for selection, review and approval of stormwater treatment systems.

Beyond New Jersey, a number of states have agreed to adopt the Tier II Protocol; these states are now collaborating to reach some uniformity or consensus on the protocol's implementation. How will each state implement technology acceptance under the multi-state Tier II field testing guidance?

The program is designed to provide an active exchange between technology users, vendors and regulators. All participants are encouraged to ask challenging questions and get answers about the technologies and services showcased.

Who Should Attend?

Consultants; engineers and stormwater management plan reviewers from local, county and state governmental agencies; all professionals involved in selecting or approving stormwater treatment systems.

Attendees will have the opportunity to network with colleagues throughout the day and also to gather state-of-the-industry information and material from leading vendors from across the country displaying their technologies and services. Fee for attendance is \$25.00 per person.

Who Should Exhibit?

Exhibits are available for this full-day conference. You should be one of the exhibitors if your organization falls into one of the following categories or offers any of the listed technologies, equipment, or services: Federal, State & Local Agencies, Manufacturers of Stormwater Treatment Devices, Storage/Detention Systems Distributors, Consultants, Engineers, Contractors, Designers of CSO Systems, Maintenance Equipment and Services.

Display Space Rental

Exhibit spaces are available for \$350.00 each. Space will be assigned on a first-come, first-served basis. All exhibit spaces include two seminar registrations.

Program Content

When it comes to managing stormwater, communities and developers are faced with many questions:

- How do you determine the best stormwater treatment device for your project?
- What are the appropriate design criteria?
- Do manufactured treatment devices perform as well as wet ponds, swales, etc? Are they being evaluated on a level playing field with BMPs?
- Are the "performance goals" that are being established, attainable?
- What about long-term performance? How do we ensure proper maintenance?

With the availability of numerous manufactured stormwater treatment devices, both the regulators and the regulated community are faced with stormwater management rule compliance. This symposium offers an opportunity for dialogue and guidance towards answering these questions.

Of particular importance is the need to properly evaluate the performance of the numerous technology innovations offered in the market place. To be defensible, the data submitted for performance claim verification must be gathered following a sound technical protocol, in a manner that allows a fair and balanced comparison amongst manufactured treatment technologies .

- What is the appropriate role for laboratory testing based evaluation?
- What are the key elements of a field testing evaluation program?
- What are the best ways of assessing performance? TSS vs. SSC? Effluent concentration?
- Are there alternative approaches to field testing to assess treatment system performance?
- What is an appropriate method to calculate TSS removal efficiency for a treatment train?
- How can the states best provide technology acceptance “reciprocity”?
- Thinking ahead, are there constituents in stormwater that are currently not being regulated that have a significant bearing on stormwater effluent quality?

Agenda

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| Registration Open | 8:00am -1:30pm |
| Exhibits | 8:00am -4:00pm |
| Continental Breakfast | 8:00am -9:00am |
| Morning Program | 9:00am -12:30pm |
| Morning Break | 10:45am -11:00am |
| Lunch | 12:30pm -1:30pm |
| Afternoon Program | 1:30pm -4:00pm |
| Afternoon Refreshment Break | 2:45pm -3:00pm |
| Exhibitor Sponsored Reception | 4:00pm -5:00pm |
| Exhibits Dismantled | 5:00pm -6:00pm |

Mail this registration form to NJCAT, 1200 Florence-Columbus Rd., Bordentown, NJ 08505 or Fax to 609/499-3647 or email information requested below to rwbrekke@njcat.org. Deadline May 22.

Attendee Fee \$25. ?

Exhibit Fee \$350. ? (includes 2 attendees)

Name: _____

Additional Name: _____

Affiliation: _____

Address: _____

Phone: _____

Email: _____

Credit Card Type: _____ Exp. Date: _____

Credit Card Number: _____