

# Cricket Valley Energy

On Thursday, April 29th, the Water, Wetlands & Wildlife Advisory Working Group met for the second time. Cricket Valley Energy (CVE) consultant Christopher Lapine, P.E., LEED® AP, led the discussion on CVE's stormwater management plan. Lapine explained that stormwater management is critical to protecting local ecosystems from excess rainfall and surface run-off that has not been through the natural filtration process that occurs when rainfall is absorbed into the ground.

The discussion focused on how CVE's stormwater management plan is designed to ensure that rainfall run-off is controlled, and that potential contamination from unfiltered run-off is negated. The plan will also manage run-off from Route 22, which is adjacent to the CVE main entrance. The CVE plan adheres to all New York State requirements including:

- Stormwater Management Design regulations (NYSSMDM)
- Pollutant Discharge Elimination Systems (SPDES)
- Stormwater Discharges from Construction Activity SPDES Permit No. GP-0-010-001
- State Standards for Erosion and Sediment Control
- Town of Dover Erosion and Sediment Control standards

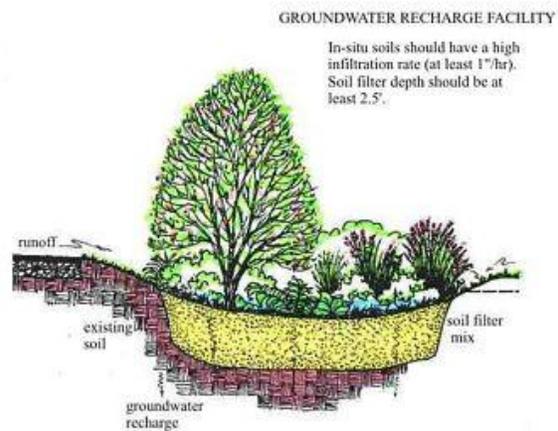
The group discussed best stormwater management practices, along with infiltration and re-use strategies to reduce run-off volume at the CVE site, including:

- Grass-lined swales
- Soil restoration
- Rooftop catchment storage systems
- Plunge pools
- Bio-retention areas (groundwater recharge facilities) that are designed to mimic forest ecosystems with soils and native vegetation to capture run-off and create a natural filtration system

CVE representatives explained that the long-term pump test, previously scheduled for discussion at this meeting, has been delayed so that results would not be skewed by recent heavy rains in March. The test is currently scheduled for mid-May and will be discussed at the next Water, Wetlands & Wildlife Advisory Working Group.

Attendees identified topics for the next meeting including:

- Stormwater management during construction
- CVE's zero-liquid discharge system



- Results of the long-term pump test

*Reminder:* The Advisory Working Group on Traffic & Safety will meet on Thursday, May 13th, from 7-8 pm at the Cricket Valley Outreach Office, 5 Market Street, Dover Plains, NY. For more information please contact Matt Martin at 845-877-0596 or visit [www.cricketvalley.com](http://www.cricketvalley.com).

*Note:* Scoping Meetings on the draft scope for Cricket Valley Energy have been scheduled for Saturday June 5th, 9 am to 12 noon and Wednesday June 9th, 7 pm to 10 pm at the Dover Middle School Auditorium. For more information, visit [www.cricketvalley.com](http://www.cricketvalley.com)