

## **ETV, TAPE, and NJDEP/NJCAT Recognition**

MASTEP reports verifications, designations, and certifications awarded to stormwater treatment technologies by other issuing agencies. We currently report those given by US EPA's and NSF International's Environmental Technology Verification Program (ETV), Washington State Department of Ecology's Technology Assessment Program (TAPE), and New Jersey DEP's Certification Program. Reporting of these recognitions on the MASTEP site is for informational purposes only. It does not constitute an endorsement of the statements or findings of these agencies.

## **Environmental Technology Verification**

The National Science Foundation International and the U.S. Environmental Protection Agency developed the Environmental Technology Verification (ETV) program to promote innovative environmental technologies by verifying performance capabilities and distributing information. Under the ETV program, technologies are evaluated by a third party organization, following technically sound test procedures, appropriate QA/QC, and a managed process, to provide purchasers, specifiers, and permittees with credible and relevant data. Verification protocols are developed for specific technology areas following an open process with broad-based stakeholder input. The protocols then serve as templates for developing test plans for the evaluation of individual technologies at specific locations. Verification reports detailing the results of the technology evaluations are made publicly available to assist in marketing, purchase, and permitting of the technologies. Verification statements, executive summaries of each verification test, are also provided. These can be viewed at the EPA – ETV web page: <http://www.epa.gov/etv/vt-wqp.html#SWSATD>.

## **Washington State Department of Ecology**

The Washington State Department of Ecology works with a Technical Review Committee to review performance evaluation reports on new stormwater treatment technologies. These reports are used to determine "levels of development" of each of the new technologies.

- **Pilot Use Level** is designated for promising technologies that will need more verification testing.
- **General Use Level** is designated if the evaluation report demonstrates, with a sufficient degree of confidence, that the technology is expected to achieve Ecology's performance goals.
- **Conditional Use Designation** can also be issued for those technologies that are in widespread use in Washington or are considered equivalent to approved technologies, and they are considered likely to attain a General Use Level provided that testing following the protocol is completed within a specified time-period.

Use level designations for specific technologies can be seen on the Washington DOE web site:

<http://www.ecy.wa.gov/programs/wq/stormwater/newtech/technologies.html>

## **New Jersey Department of Environmental Protection Conditional Interim Certification**

The New Jersey Department of Environmental Protection (NJDEP) and the New Jersey Corporation for Advanced Technology (NJCAT) review and certify technologies that meet Technology Acceptance Reciprocity Partnership (TARP) and NJDEP protocols and provide beneficial environmental effects. The Conditional Interim Certification is issued for technologies that agree to complete the full NJCAT

certification process. Interim Certifications are only effective for a limited period of time. The full NJCAT certification verifies a device's pollutant removal rates as reviewed by NJCAT, a state or governmental agency, and a third party testing organization. Certifications can be seen on the NJ DEP web site:

<http://www.state.nj.us/dep/dsr/bscit/CertifiedMain.htm>.