

## Modular Wetlands Receives Washington State Department of Ecology (DOE) Approval

### Washington State DOE grants approval for Basic and Enhanced Treatment

#### San Diego, CA

The Modular Wetland System (MWS) – Linear Stormwater Biofiltration System has been approved for Basic (CULD) and Enhanced (PULD) Treatment. These designations allow for use of the Modular Wetland to be installed and operated in the State of Washington. This system has been verified and approved for removal of TSS and dissolved metals at a loading rate of 1 gpm/sq ft (100 in/hr).

This was accomplished through the Technology Assessment Protocol – Ecology (TAPE) certification process for emerging stormwater treatment technologies, administered by the Washington State DOE with assistance from the Washington Stormwater Center. This stringent testing is widely accepted by several other states, counties and cities when determining if a stormwater treatment technology will be accepted.

By holding a TAPE Certification, Modular Wetlands, has met applicable design criteria and performance goals for new development and redevelopment within the State of Washington. Modular Wetlands is the only biofilter to utilize horizontal flow to treat various pollutants including fine suspended solids, oil and grease, turbidity, copper, zinc, phosphorus, nitrogen, organic compounds, COD, and oxygen demanding substances.

“Having the results and performance of our system verified by the Washington State DOE demonstrates the proven effectiveness in combating stormwater runoff,” said Greg Kent, President. “Controlling runoff in our waterways is one of the biggest challenges we are faced with, and knowing we are able to keep jurisdictions in compliance while also protecting our water is tremendously rewarding.”

#### Washington State DOE Findings of Fact:

- Capability to remove 99% of TSS
- Capability to remove 93% of dissolved Copper
- Capability to remove 80.5% of dissolved Zinc

For more details about the approval, visit <http://www.ModularWetlands.com> or the Washington State Department of Ecology website at <http://www.ecy.wa.gov/programs/wq/stormwater/newtech/tapectape.html>



#### About Modular Wetlands

A new and revolutionizing product from Bio Clean is the Modular Wetland System (MWS). This system is the industry's first hybrid stormwater treatment system. While most systems utilize a single treatment method, the MWS incorporates a combination of many. It removes trash, floatables, oil and grease, sediments, heavy metals, nutrients and bacteria. Perfect for GREEN design and sustainable projects. For more information on MWS visit [www.modularwetlands.com](http://www.modularwetlands.com).



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