August 12, 2015

Jay Holtz, PE  
Director of Engineering  
Oldcastle Stormwater Solutions  
7921 Southpark Plaza, Suite 200  
Littleton, CO 80120

Re: MTD Lab Certification for the Dual Vortex Separator  
By Oldcastle Stormwater Solutions

TSS Removal Rate 50%

Dear Mr. Holtz,

The Stormwater Management rules under N.J.A.C. 7:8-5.5(b) and 5.7 (c) allow the use of manufactured treatment devices (MTDs) for compliance with the design and performance standards at N.J.A.C. 7:8-5 if the pollutant removal rates have been verified by the New Jersey Corporation for Advanced Technology (NJCAT) and have been certified by the New Jersey Department of Environmental Protection (NJDEP). Oldcastle Stormwater Solutions has requested a Laboratory Certification for the Dual Vortex Separator (DVS).


NJCAT verification documents submitted to the NJDEP indicate that the requirements of the aforementioned protocol have been met or exceeded. The NJCAT letter also included a recommended certification TSS removal rate and the required maintenance plan. The NJCAT Verification Report with the Verification Appendix for this device is published online at http://www.njcat.org/verification-process/technology-verification-database.html.

The NJDEP certifies the use of the Dual Vortex Separator (DVS) by Oldcastle Stormwater Solutions at a TSS removal rate of 50% when designed, operated and maintained in accordance with the information provided in the Verification Appendix.

Be advised a detailed maintenance plan is mandatory for any project with a Stormwater BMP subject to the Stormwater Management Rules, N.J.A.C. 7:8. The plan must include all of the items identified in the
Stormwater Management Rules, N.J.A.C. 7:8-5.8. Such items include, but are not limited to, the list of inspection and maintenance equipment and tools, specific corrective and preventative maintenance tasks, indication of problems in the system, and training of maintenance personnel. Additional information can be found in Chapter 8: Maintenance of the New Jersey Stormwater Best Management Practices Manual.

If you have any questions regarding the above information, please contact Mr. Titus Magnanao of my office at (609) 633-7021.

Sincerely,

[Signature]

James J. Murphy, Chief
Bureau of Nonpoint Pollution Control

C: Chron File
   Richard Magee, NJCAT
   Madhu Guru, DLUR
   Ravi Patraju, NJDEP
   Titus Magnanao, BNPC