

November 12, 2020

Robert E. Cooper
Office of Stormwater Management
Virginia Department of Environmental Quality
629 East Main Street
Richmond, VA 23218

Subject: Submittal of MTD Registration of the *StormVault BioFiltration (SVBF)* with *Sierra Blend* Media

Dear Mr. Cooper:

Jensen Stormwater is pleased to submit the *StormVault BioFiltration (SVBF)* with *Sierra Blend* for acceptance by the Virginia Department of Environmental Quality.

Attached is the completed Manufactured Treatment Device (MTD) Registration form along with all supporting documents referenced within. The Washington State Department of Ecology (WASDOE) Pilot Use Level Designation (PULD) for Basic treatment is included and Jensen Stormwater is currently in the pursuit of General Use Level Designation (GULD). Jensen Stormwater will update the Virginia Department of Environmental Quality once GULD has been approved.

The New Jersey Corporation for Advanced Technology (NJCAT) performance verification report and New Jersey Department of Environmental Protection (NJDEP) certification letter have been attached. The *SVBF* has been approved for 80% Total Suspended Solids (TSS) removal with a particle size distribution d_{50} of 48-micron (μm). The *SVBF* achieves 80% TSS removal when sized at 2-gallons per minute per square foot (gpm/ft^2) per NJDEP certification.

Also attached is the *SVBF* Operation and Maintenance Manual and Brochure.

Please call my direct line at (775) 352-6336 or email me at wstein@jensenprecast.com if you have any questions or would like any additional information.

Sincerely,



Walter Stein, P.E.
Stormwater Systems Division Manager
Jensen Stormwater