



March 28, 2022

To: Mr. Robert Cooper, P.E.
Virginia Department of Environmental Quality

From: Mark B. Miller, P.G.
Research Scientist, AquaShield™, Inc.

Re: Attachment 1 - Aqua-Swirl® XCELERATOR™ Stormwater Treatment System

Dear Mr. Cooper,

AquaShield™, Inc. is pleased to submit Attachment 1 – Proprietary Best Management Practice (BMP) Registration Statement for our Aqua-Swirl® XCELERATOR™ Stormwater Treatment System (XCELERATOR™). The XCELERATOR™ is a vortex-type hydrodynamic separator certified by NJDEP for 50% TSS removal in a letter dated January 21, 2020. According to Table 1 in Guidance Memo No. 21-2006 (effective December 29, 2021), the XCELERATOR™ can be assigned 20% Total Phosphorus (TP) removal. The NJDEP certification letter and the Inspection & Maintenance Manual are attached to this application.

Thank you for considering this application and of course please do not hesitate to contact me should additional information be needed to assist with your review.

Respectfully submitted,

AquaShield™, Inc.

Mark B. Miller

Enclosure: Attachment 1 - Aqua-Swirl® XCELERATOR™ Stormwater Treatment System