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April 7, 2022  
Via Federal Express

Township of Howell  
Planning and Zoning Boards  
4567 Route 9 North, 2<sup>nd</sup> Floor  
Howell, New Jersey 07731

**RE: Township Submission  
AAVRHW Property LLC  
Block 41, Lot 17  
Victory Road  
Township of Howell  
Monmouth County, New Jersey  
BENJ File No. J211216**

To Whom It May Concern:

A narrative in regards to the 2000 – ft downstream drainage analysis for the site is provided herein with accompanying Maps on the following pages.

Assuming failure of the proposed drainage system, runoff from the site will flow in two directions, towards Tarkiln Brook and towards Squankum Brook. The runoff from the southwestern portion of the site will travel southwest via sheet flow approximately 2,000 feet before entering Tarkiln Brook. Once in Tarkiln Brook, runoff will travel approximately 5 miles ultimately into the Metedeconk River. The runoff from the eastern portion of the site will flow towards Victory Road to the existing stormwater conveyance system and to the east and ultimately discharge to Squankum Brook. Once in Squankum Brook, runoff will travel approximately 5 miles ultimately into the Metedeconk River. Runoff in the failure mode condition ultimately will drain to the same location as in the proposed drainage system condition, with runoff being directed towards Tarkiln Brook and the existing system in Victory Road that drains to Squankum Brook. Stream Stats mapping has been provided on Sheets 2 and 3 for additional information.

Should you have any questions or comments concerning this or any other matter, please do not hesitate to contact our office.

Sincerely,

**BOHLER ENGINEERING NJ, LLC**

Lynsey A. McQuade

Tung-To Lam, P.E.

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Enclosure(s)



## StreamStats Report

**Region ID:** NJ  
**Workspace ID:** NJ20220407125631553000  
**Clicked Point (Latitude, Longitude):** 40.14442, -74.17823  
**Time:** 2022-04-07 08:57:00 -0400

