Exhibit A-2B

Post Construction Stormwater Management Analysis

Hamilton Estate Strafford Avenue

Radnor Township, Delaware County

Date: August 27, 2020

Plan Prepared For:

Haverford Properties 551 W. Lancaster Avenue, Suite 307 Haverford, PA 19041

Plan Prepared By:

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Executive Summary

The applicant proposes to remove all existing improvements on 208 and 228 Strafford Avenue and 18 Forrest Lane. Proposed is the construction of 41 Townhouses with 2 new roads, related parking and walkways. 2 main entrance will be located on Strafford Avenue.

Six pipe storage stormwater management systems are proposed. the stormwater runoff rates are controlled per the township ordinance using different size orifices within the outlet structure at the outlet of each bed. the beds are used for storm water volume, quality and runoff rate control.

During construction erosion and sediment control will be accomplished through limited disturbance, immediate stabilization, a stabilized construction entrance, sediment basin and compost filter sock. Total limit of disturbance is approximately 6.0 acres.

STRAFFORD AVENUE

Stormwater Management Summary-Post Construction

Radnor Township Stormwater District A

Stormwater Management Summary - POI A

	Pre-Development			Post Development				
Yr	On-Site		Allowable Release Rate*		Total Post Developed Flow	Compliance	Percentage Reduction	
1	1.376		1.376		0.104	-1.27	-92%	
2	2.909		1.376		0.196	-1.18	-86%	
5	5.703		5.703		0.356	-5.35	-94%	
10	8.360		8.360		0.505	-7.86	-94%	
25	12.480		12.480		1.928	-10.55	-85%	
50	16.210		16.210		6.585	-9.63	-59%	
100	20.430		20.430		10.180	-10.25	-50%	

Design Storm Proposed	Reduce to	Design Storm Existing Conditions
Conditions		Contactions
1yr		1 yr
2 yr		1 yr
5 yr		5 yr
10 yr		10 yr
25 yr		25 yr
50 yr		50 yr
100 yr		100 yr