

**HILBEC Engineering & Geosciences, LLC**



Wastewater, Stormwater, Hydrogeology, Environmental, Testing & Design

26 Beaver Run Road, Downingtown, PA 19335-2257

Office: 610.873.6204

www.hilbec.com

Fax: 610.873.6206

**PA DEP MAILER NARRATIVE  
Exemption/Waiver Request**

**HAMILTON ESTATE - EAGLE ROAD  
Radnor Township, Delaware County**

The developer proposes the development of a single parcel into nine (9) single family detached dwelling lots. Tax parcel #36-01-00541-01 is a 3.75+/- acre vacant tract situated on the northwestwardly side of Eagle Road, approximately 400 feet from the intersection with Strafford Avenue.

The project proposes a total of 9 Equivalent Dwelling Units (EDU). At a value of 262.5 gpd/ EDU, the total flow is as follows for the 9 homes:

Proposed Flow Per EDU:	$9 \times 262.5 = 2,362.5$ gpd
Proposed EDU's:	9

Part 4.a. of the PA DEP Mailer uses a value of 400 gpd/EDU for each lot.

A public gravity sewer collection main runs through this property on the northwestwardly end. The homes will connect to the public gravity main by individual gravity laterals from each unit.

The sewerage flows through Radnor Township, RHM facilities, Springfield Township, DELCORA, DCJA facilities, and to the Philadelphia SW treatment facility for final disposal. At this time, we are requesting Radnor Township to add this project to their capacity list for the requested EDU's. We will contact RHM to be added to their capacity list. Should Sewage Planning Modules be required, all of the regulatory entities will be required to sign off on the project and provide verification of capacity on the modules.

Potable water will be provided by public facilities