



DARBY AND MARPLE ROAD ACT 537 SPECIAL STUDY

**Township of Haverford
1014 Darby Road
Havertown, PA 19083**

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May 29, 2025

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Executive Summary

The Pennsylvania Sewage Facilities Act (Act 537) enacted by the Pennsylvania Legislature in 1966 requires municipalities in the Commonwealth to develop and maintain a current sewage facilities management plan. Haverford Township owns and operates the sanitary sewage collection system and is authorized to prepare, update, and implement Act 537 planning.

This Act 537 Special Study (“Study”) identifies the wastewater needs of the northwest portion of Haverford Township, specifically the areas bordering Darby Road and Marple Road, and evaluates alternatives for the long term disposal of sewage. For the most part, this portion of the Township currently utilizes various on-lot sewage disposal systems, with adjacent areas of the Township connected to public sewer. This Study considers existing wastewater facilities, area topography, property owner needs, alternatives, and estimated costs associated with each evaluated alternative. Site specific inspections of existing on-lot sewage disposal systems were not performed.

The alternatives evaluated in this Study are: (1) no action alternative, and (2) construct and extend public sewer. The “no action” maintains the existing on-lot disposal systems on individual properties. Property owners are responsible for the operation and maintenance of the systems and addressing necessary repairs or malfunctions. The Township would prepare a Sewage Management Plan and associated Ordinance to establish procedures for properties with on-lot sewage disposal systems and to satisfy PA DEP requirements. The “construct and extend public sewer” alternative extends the existing public sewer to service the area. Both costs and physical limitations may affect the feasibility of this option.

The selected alternative to address the current and future sewage disposal needs in the northwest portion of Haverford Township is maintaining the existing on-lot sewage disposal systems within the Study area.

A. Previous Act 537 Sewage Facilities Plans

In 1971, a Sewage Facilities Plan for Delaware County was prepared by the Delaware County Planning Department. This 1971 Plan included sewage facilities planning for Haverford Township. Subsequent Special Studies were prepared in 1992 and 1997 to evaluate the feasibility and anticipated costs to extend public sewer service to unsewered properties in Darby Road and Marple Road area of the Township.

This Study reevaluates the Darby Road and Marple Road areas discussed in the 1992 and 1997 Studies.

B. Existing Facilities

Haverford Township is divided into two service areas identified as the Cobbs Creek service area and the Darby Creek service area, with a combined 149 miles of sanitary sewer piping. Wastewater flows from the Cobbs Creek sewershed are conveyed from Haverford to Upper Darby Township and ultimately to the City of Philadelphia Southwest Treatment Plant. The Darby Creek sewershed is conveyed through the Radnor-Haverford-Marple Authority's (RHM) interceptor along Darby Creek and ultimately to the DELCORA. A small area in the northern portion of the Township is conveyed to Radnor Township.

The Study area is in the Darby Creek Service area, and the existing facilities in the study area are further identified as follows.

The Study area boundary follows Coopertown Road from the Township line, turns west on College Avenue, follows Coopertown Road to Darby Road, then turns west again near Dartmouth Lane.

From Coopertown Road, sewer lines run east on College Avenue, on Blakely Road, and on Quaker Lane, into the Cobbs Creek network. These are all eight (8") inch diameter sewers.

Extending west into the Darby Creek network is an eight (8") inch diameter sewer, beginning near the intersection of Coopertown and College. This line follows Darby Road, and into the Haverford Reserve property (formerly Haverford State Hospital). Near the intersection of Marple Road and Darby Creek Road, this line meets the RHM interceptor. There is a metering pit at this location. A second eight (8") inch line extends approximately 500 feet along Marple Road from the metering pit. A continuation of this line goes through easements on the properties of 216-232 Marple Road.

In 1988, an eight (8") inch diameter sanitary sewer was constructed by the developer to serve the Quadrangle Retirement Community. The sewer system extends to all the existing buildings, and terminates approximately 700 feet from Darby Road. The Quadrangle owns and maintains the sanitary sewer system on their property. A portion of this system also extends on to the Haverford Reserve property, and it owned and maintained by the Township.

Three (3) subdivisions in close proximity to the Study area were constructed with sanitary sewer, including The Greens of Merion (1982), Allgates (1985), and 4008 Darby Road (2023/2024). The Greens of Merion and Allgates are served by 8-inch sewers and individual pump station, owned and maintained by homeowners associations. The developer for 4008 Darby Road extended a low pressure force main to Brennan Drive to serve the two (2) new dwellings as well provide the opportunity for adjacent properties to connect to public sewer. The sewer extension is to be owned and maintained by the Township.

The existing sanitary sewer system has the capacity to accommodate the Township's wastewater needs. Approximately 90% of the population is served by the existing facilities and the other 10% utilize on-lot sewage disposal systems.

Modest population growth is anticipated for Haverford Township over the next 30 years. There are limited areas for land development and proposed projects are generally in-fill development and improvements to existing properties.

	1980	1990	2000	2010	2020
Haverford	52,349	49,848	49,608	48,491	50,431

Table 1: Historic Population Data via 2020 census

	2020	2030	2040	2050	2060
Haverford	50,431	50,644	50,791	50,649	50,649

Table 2: Population & Employment Forecast Data via Delaware Valley Regional Planning Commission

C. Study Area Description

Marple Road is oriented east and west, with the South Brook tributary to Darby Creek to the north, and Merion Golf Club's West Course to the south. Darby Road is also oriented east and west, with residential properties to the north and the Haverford Reserve property to the south. Minimum lot size for the Study area per Haverford Township's Zoning Ordinance is one (1) acre, with the majority of the lots meeting this requirement.

Steep slopes are present throughout the Study area, and floodplain and wetland areas have been identified. The Flood insurance Rate Map and U.S.G.S. Wetland inventory maps are included in Appendix A. This should be considered a preliminary indication of flood plains and wetlands, and not an official delineation as would be required by the Department of Environmental Protection should construction occur.

The Township's soil survey indicates a variety of soil types within the study area. A large portion of the Study area consists of Glenelg-Wheaton complex and Glenelg-Urban Land-Wheaton

complex. A soil classification overlay map is shown in Appendix A. The Study area soils have limiting features that may impact the feasibility of on-lot sewage disposal systems.

D. Disposal System Questionnaire

The Township distributed a questionnaire to sixty-eight (68) residences with onlot disposal systems, for the most part located in the Study area, in late 2023. Questions were included to indicate the age and condition of existing on-lot sewage disposal systems and identify properties that have required repairs or experienced malfunctions. A copy of the questionnaire and the results are included in Appendix C.

Of the sixty-seven (67) homeowners surveyed, responses were received from thirty (30).

The thirty (30) responses indicated their repairs or replacement of on-lot sewage disposal systems since owning their respective properties. Two (2) residents indicated pumping septic tank or cesspools more than once a year. Five (5) have had indicated physical evidence of possible malfunctions of system. Twelve (12) have known cesspools which are no longer permitted in Pennsylvania.

	Address	Cesspool	Septic Tank	Inground bed
Marple	116 Marple Road		1	
	120 Marple Road	1		
	124 Marple Road			1
	151 Marple Road	1		
	159 Marple Road	1		
	41 Marple Road	1		
	56 Marple Road		1	
Darby	3600 Darby Road			1
	3624 Darby Road			1
	3632 Darby Road	1		1
	3701 Darby Road	1		
	3713 Darby Road			1
	3728 Darby Road	1		
	3932 Darby Road			1
Adjacent or Close Proximity to	76 Brennan Drive		1	
	84 Brennan Drive			1
	1735 Burmont Road	1	1	
	513 College Ave			1

Existing Sewer	2 Coopertown Road		1	
	3 Coopertown Road	1		
	620 Ellis Road	1		
	329 Ellis Road	1		
	1516 Steel Road	1		
Total		12	5	8

Table 3: Residents System Type

E. Alternatives

1. Remain On-lot Sewage Disposal

For this alternative the properties currently utilizing on-lot sewage disposal systems would continue to do so. No public improvements would be proposed. Property owners would continue to be responsible for the operation and maintenance of their on-lot sewage disposal systems. If an existing system fails, proposed methods of sewage disposal would be evaluated on case-by-case basis. Conditions conducive to malfunctions are common in the area such as poor soils; the need for frequent maintenance; and the age of the systems. Malfunctions may affect groundwater due to poor geologic or soil conditions.

Based on homeowner survey results, additional education would be provided to ensure homeowners are properly operating and maintaining their systems. Approximately 52% of the survey responses received indicate utilizing cesspools, which are no longer permitted in Pennsylvania, and there is limited information regarding maintenance. Most of the homes were constructed prior to current design standards for on-lot sewage disposal systems.

Selection of this alternative would require the Township to implement a Sewage Management Plan approved by the PA DEP, including enactment of an Ordinance governing the management of on-lot sewage disposal facilities.

2. Construct / Extend Public Sewer

This alternative would include the extension of the sanitary sewers to serve properties located on Darby Road and Marple Road. A gravity sewer system may be feasible, however, site constraints in the Study area may require the construction of a low-pressure sewer system. If a low pressure system is required, a pump on each property would be needed to eject wastewater into the sanitary sewer main. Advantages of a low pressure system include smaller pipe size, less excavation, and more flexibility regarding layout. The reliability of this type of system is enhanced through the installation of duplex units on each property, which have two working pumps.

If the Township selects this alternative, property owners would have the option to connect to the system immediately, or would be required to connect if the on-lot system malfunctions or in the event of transfer of ownership of the property. The Township would implement a Sewage Management Plan approved by PA DEP for properties that will not connect to public sewer at the time of installation.

F. Cost Estimates**1. *Remain On-lot Sewage Disposal***

Continuing to utilize on-lot sewage disposal systems in the Study area would require no construction costs. Property owners would continue to be responsible for maintenance of their on-lot sewage disposal system.

The Township would incur costs associated with establishing a Sewage Management Program. Estimated costs to prepare and establish a Sewage Management Program are \$20,000 to \$30,000.

2. *Construct / Extend Public Sewer*

The Township would finance and construct the sanitary sewer extensions to the Study area, their costs would be recovered through a separate Tapping Fee district. Property owners would be responsible for the costs associated with connecting their homes, including laterals and the connection to the main. Cost estimates for both gravity and low pressure systems were prepared, utilizing the conceptual design quantities included with the 1997 Marple Road special study (see Appendix B).

The Township's estimated costs to construct a low pressure sewer system on Darby Road and Marple Road are \$2,500,000 to \$3,000,000. The low pressure system would be installed within the right of way of Marple and Darby Road. The estimated Tapping Fees per property are \$55,000 to \$65,000. A low pressure system would require each property owner to install grinder pumps and laterals. The estimated cost per property for their privately owned facilities are \$30,000 to \$40,000.

The estimated costs for the Township to finance and to construct a gravity sanitary sewer system are \$5,000,000 to \$5,500,000. The gravity system would be installed within the right of way of Marple and Darby Road. If any portion of the Township owned system is not within the right of way additional costs for easements will be needed. The estimated Tapping Fee per property is \$90,000 to \$100,000. The gravity system will require each property owner to install the sanitary sewer lateral and connection, which is estimated to be \$15,000 to \$20,000 per property.

Cost estimate details are attached as Appendix B.

G. Institutional Evaluation & Selected Alternative

Both the construction of public sanitary sewers and maintenance of existing on-lot sewage disposal systems allow for the proper sewage disposal. Maintenance of existing on-lot systems can continue, and has a lower cost. Construction of public sanitary sewer would require additional planning, increased operation and maintenance costs to the Township, and a higher capital construction cost. The Township receives a permit application for a full on-lot sewage disposal system replacement approximately every two (2) years. Full replacements are typically both permittable and constructable using conventional systems.

Due to challenges with construction and the high costs associated with extending the public sewer system to both the Township and property owners, the Township will continue to utilize on-lot sewage disposal systems within the Study area. In conjunction with the Delaware County Health Department, the Township will develop a Sewage Management Program to establish operation and maintenance policies and procedures for the management of on-lot sewage disposal systems within the Township.

APPENDIX A:
EXHIBITS & MAPS

Study Area Map
Haverford Township Sanitary Sewer Map
USGS Location Map
Soils Report
Geology
FEMA Maps

U:\ACCOUNTS\HVVTT\HAVTT13242 - ACT 537 UPDATE, DARBY MARPLE RD OLDS\DOC PREP\CAD\EX - 1-1.DWG
PLOTTED: 5/29/2025 11:19:39 AM, BY: ERIN ERNST PLOTSTYLE: -----, PROJECT STATUS: -----



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ACT 537 - SPECIAL STUDY
HAVERFORD
PA

STUDY AREA

HAVERFORD TOWNSHIP
1014 DARBY ROAD
HAVERFORD, PA 19083

PROJECT **HAVTT13242**

DATE **2025-05-28**

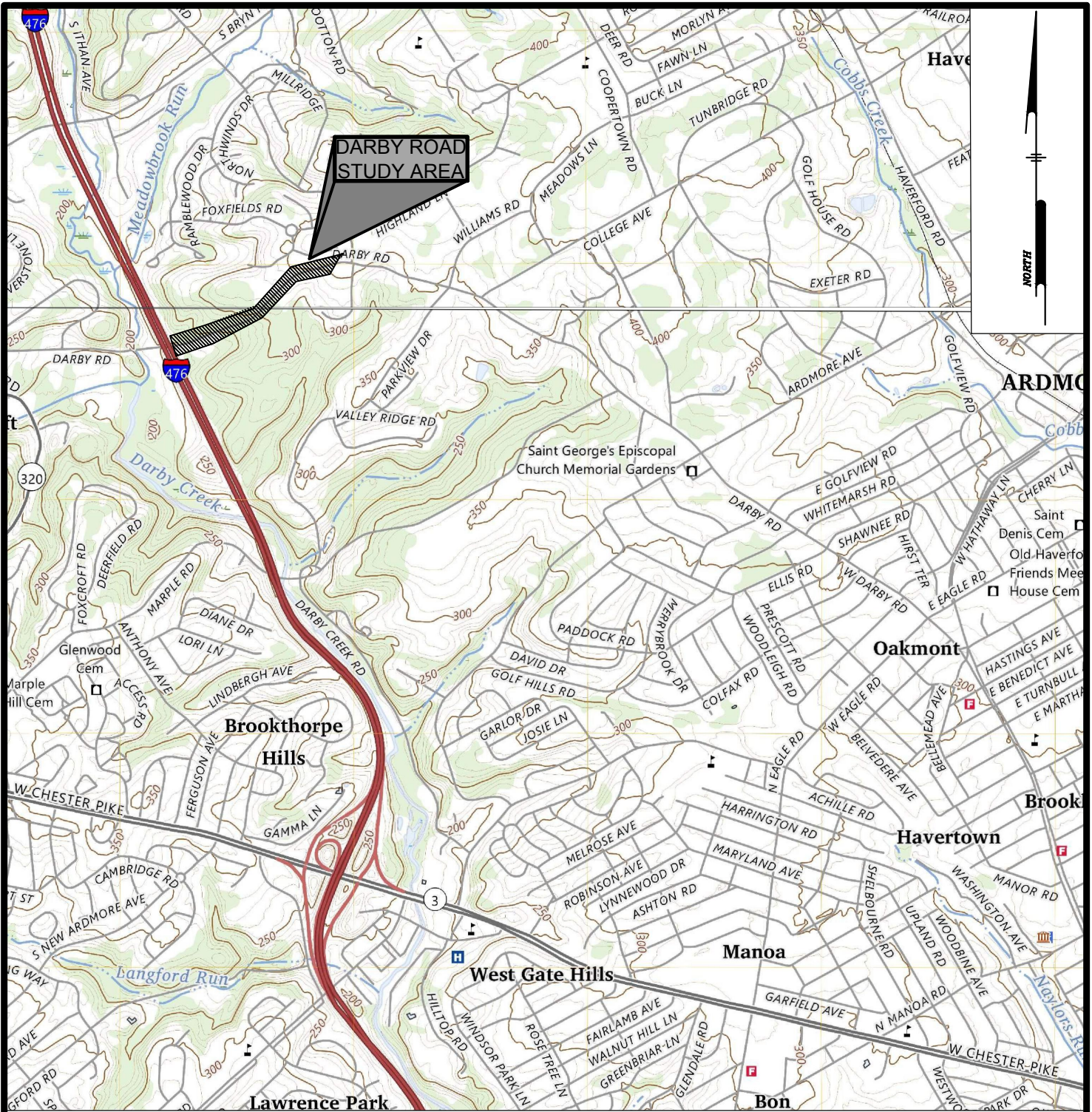
DRAWING SCALE **AS NOTED**

DRAWN BY **OMS**

APPROVED BY **BG**

EX - 1-1

SHEET **1** OF **1**



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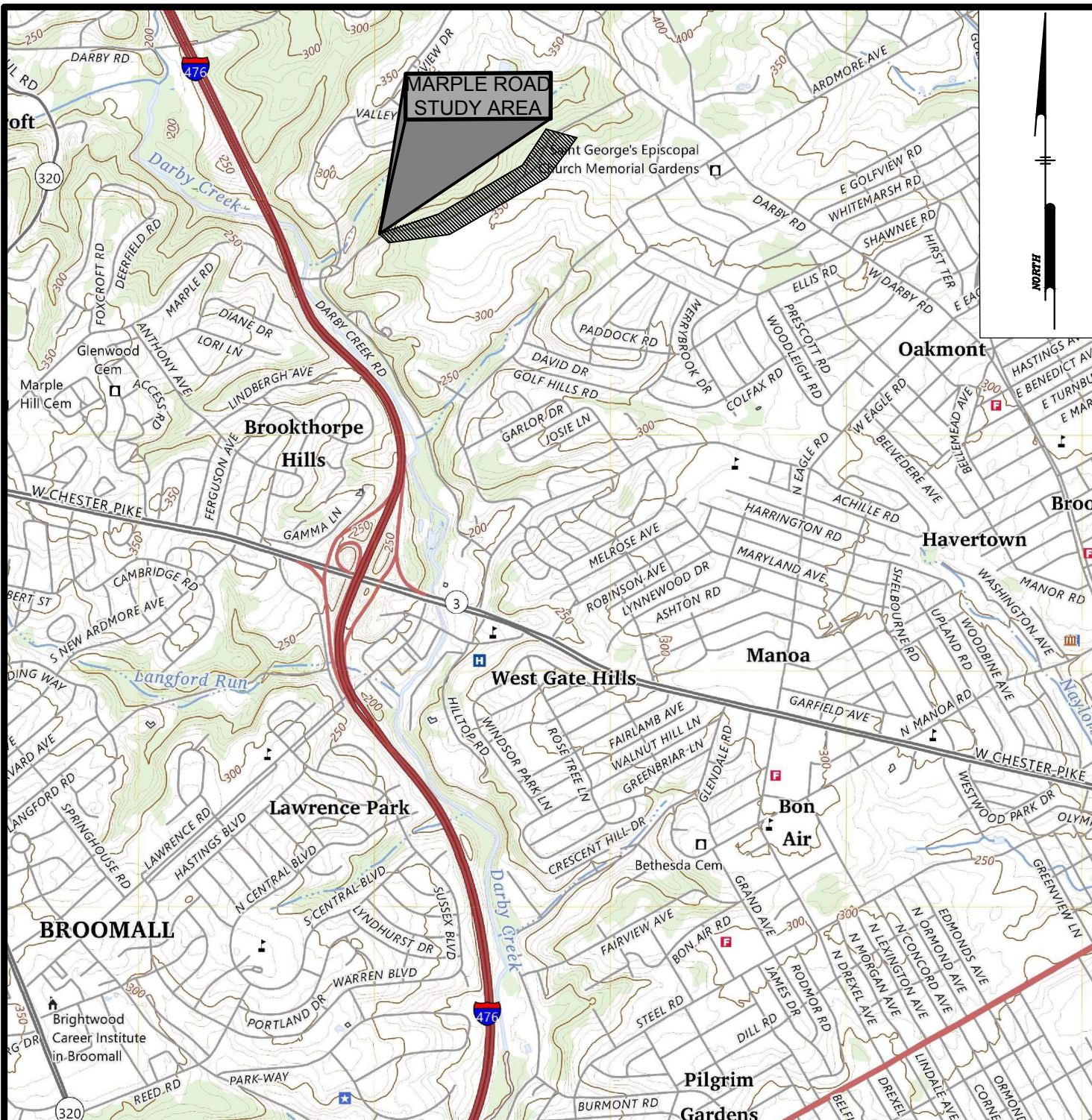
HAVERFORD SPECIAL STUDY ACT 537
 HAVERFORD, PA

USGS MAP - DARBY ROAD
 HAVERFORD TOWNSHIP
 1014 DARBY ROAD
 HAVERFORD, PA 19081

PROJECT	HAVTT13242
DATE	2025-05-15
DRAWING SCALE	1"=2000'
DRAWN BY	OMS
APPROVED BY	BG

FIGURE 2

SHEET 1 OF 1



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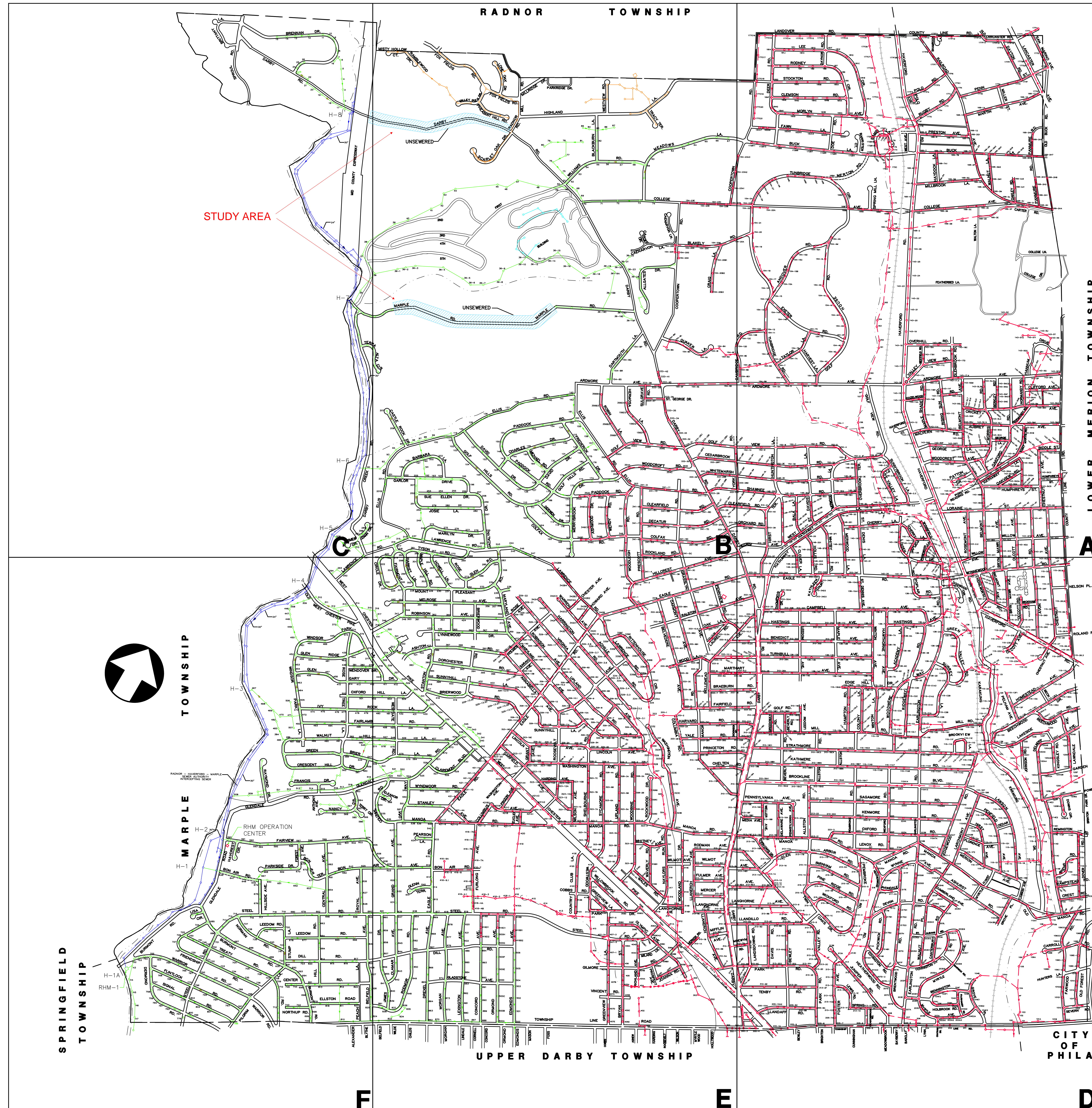
HAVERFORD SPECIAL STUDY ACT 537
 HAVERFORD, PA

USGS MAP - MARPLE ROAD
 HAVERFORD TOWNSHIP
 1014 DARBY ROAD
 HAVERFORD, PA 19081

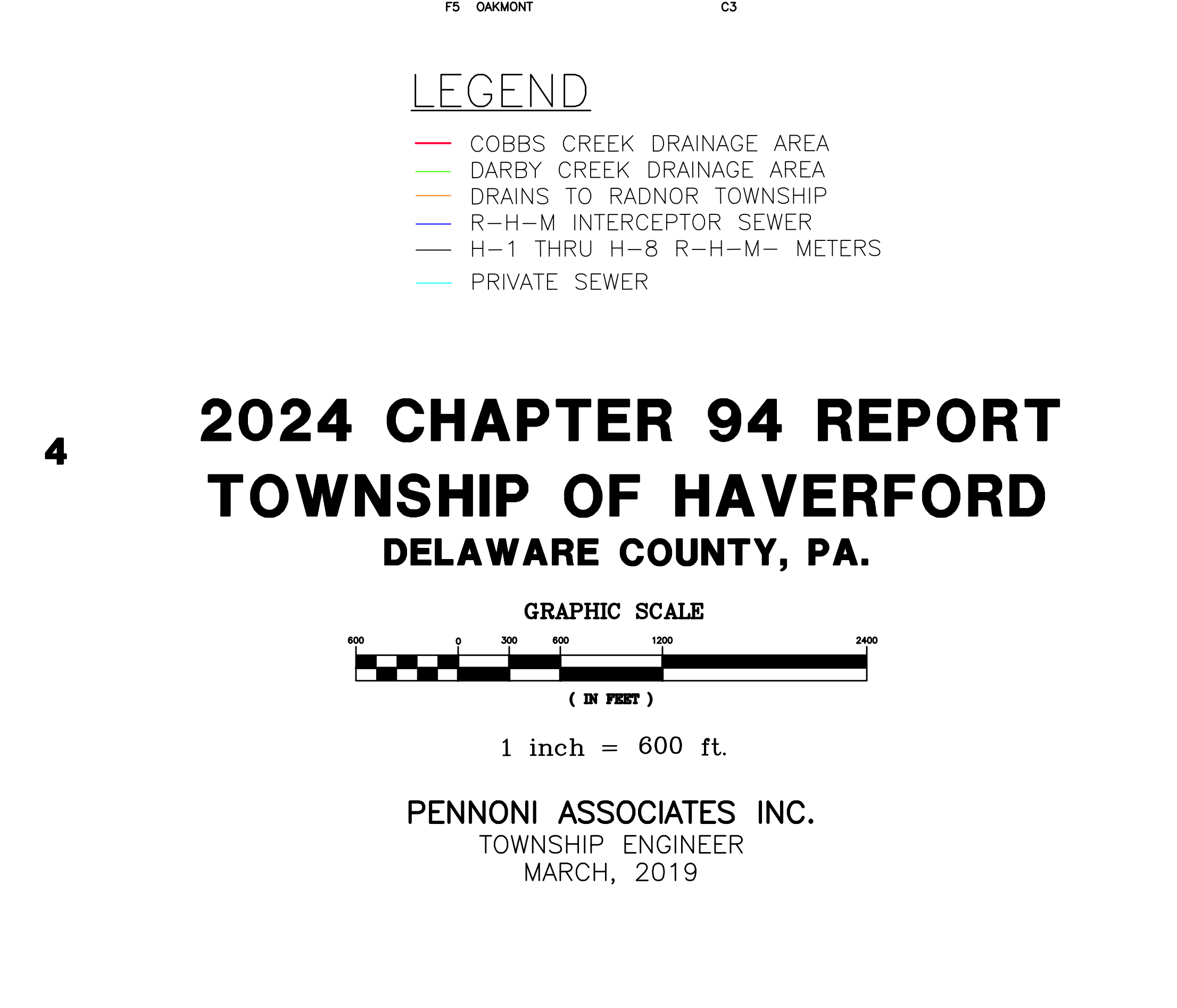
PROJECT	HAVTT13242
DATE	2025-05-15
DRAWING SCALE	1"=2000'
DRAWN BY	OMS
APPROVED BY	BG

FIGURE 1

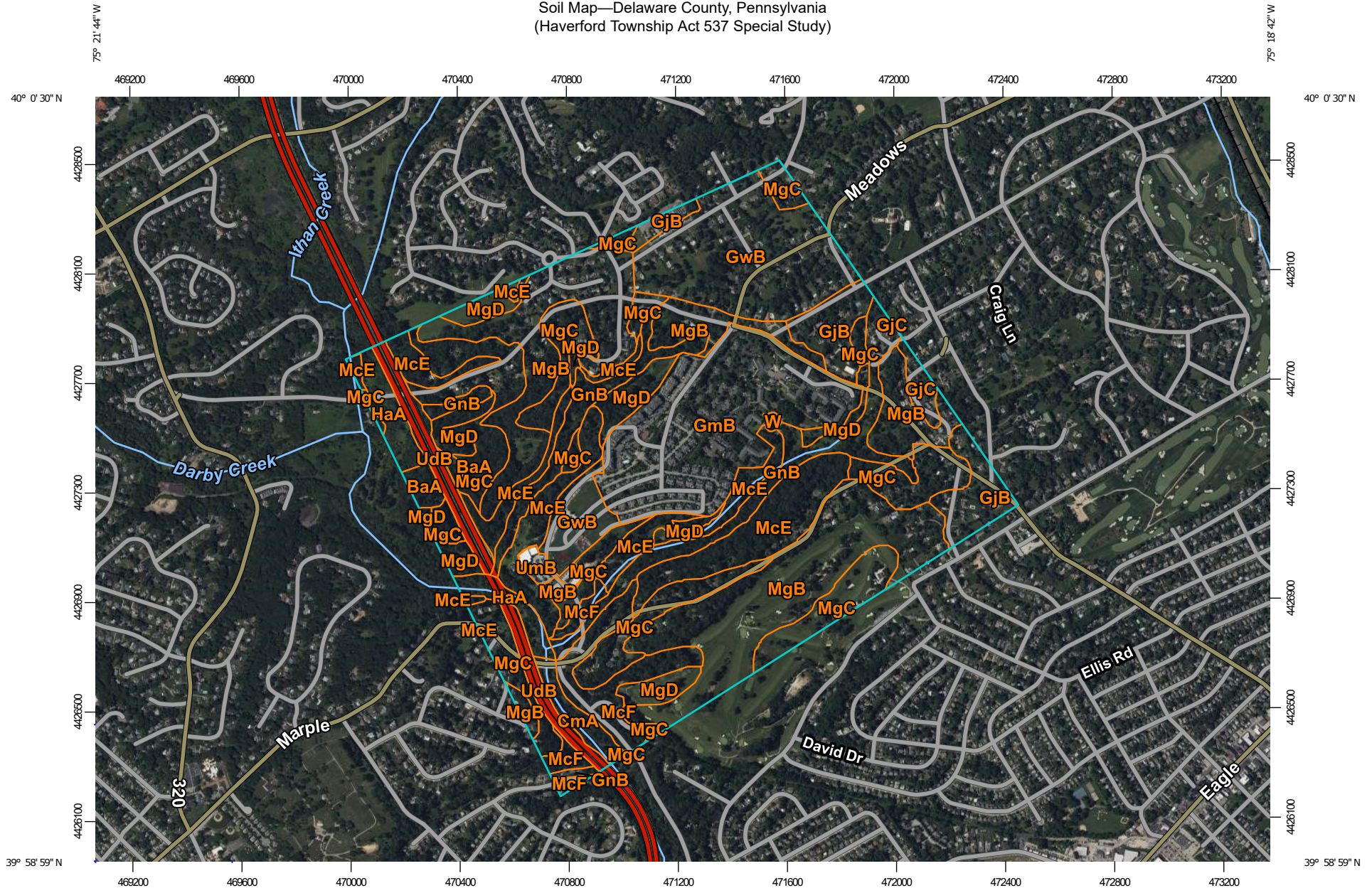
SHEET 1 OF 1

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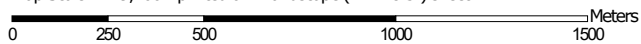
<u>CHURCHES & SCHOOLS</u>		<u>PARKS AND RECREATION</u>	<u>MAJOR FACILITIES</u>
ANNINCINATION R.C. CH. & SCHOOL	D3	BAILEY PARK	D1
ARMONIAN WATERS CONGREGATIONAL CH.	B4	CHAMPLAINER TRACT	D3
BETHESDA COMM. CH.	B4	CARROLL PARK	D4
BETHANY PRESBYTERIAN CH.	B4	CHATHAM GLEN PARK	B1
BRECKINWICH M.C. CH.	B4	DARBY GREEK VALLEY PARK	A1-4
CALVARY LUTH. CH.	B4	ELWELL HILL	B1
CHURCH OF THE HOLY APOSTLES	A4	FARMINSTADT PARK	C3
CLAREMONT R.C. CH. & SCHOOL	B4	FROSTER TRACT	B3
EMERIZER METH. CH.	B4	GEST TRACT	D3
FRIENDS MEDICAL HOUSE	B4	MANORFACIE CHURCH	B4
GRACE CHAPEL	C3	MARSHFIELD PARK	A3
LAUREL PRESBYTERIAN CH.	C3	GRASSLYN PARK	C3
MANOR FARM CH. & SCHOOL	B4	LAUREL HAVEN RD. PARK	A4
ST. ANDREWS METH. CH.	B4	HILLTOP PARK	A4
ST. JOHN R.C. CH. & SCHOOL	B4	LAUREL RIDGE PARK	B3
ST. PETER EPISC. CH.	B4	LINWOOD PARK	A4
ST. FATHI EPISC. CH.	B4	CHATHAM GOLF COURSE PARK	B3
ST. GEORGE'S NEVIL MEMORIAL CH.	B4	MERWOOD PARK	D2
UNITED PRES. CH. OF MANA	B4	WESTGATE FARMS PARK	D2
ST. JAMES DANF. RE. CH.	D4	POLO FIELD	D1
ST. JOHN NEWMAN R.C. CH.	B1	POWDER MILL VALLEY PARK	D3,D4
ST. MATTHEWS RE. EPISC. CH.	B4	PRESTON PARK	D3
SEVENTH DAY ADVENTIST CH.	B4	RICHLAND FARMS PARK	B4
SUBSRIAN LUTHER COMM. CH.	B4	THOMPSON PARK	B4
TELEPH. LUTH. CH.	B4	VETERANS HILL	C3,C4
THE RESURRECTION EVAN. LUTH. CH.	B4	WILLOUGHAM TRACT	A3,B3
TRINITY LUTH. CH.	B3		
TRINITY METH. CH.	B3		
UNION METH. CH.	B3		
UNITED PRES. CH. OF MANA	B3		
<u>HISTORIC SITES</u>		<u>VETERAN'S POSTS</u>	<u>GOLF CLUBS</u>
FEDERAL SCHOOL	C2	V1 CATHOLIC WAR VETS	D1
FRIENDS MEETING HOUSE	C2	V2 MANA AMERICAN LEGION POST	CLANRICH CC
GRANGE ESTATE	D3	V3 NUNAN SOLDIER LEADON POST	CLANRICH CC
LAWRENCE CABIN	D3		CLANRICH CC
WATER	D3		CLANRICH CC
<u>FIRE COMPANIES</u>		<u>PRIVATE SCHOOLS</u>	
F1 FIRE ARMY	B4	CHATHAM PARK	C4
F2 FIRE ARMY	B4	COOPERDOWN	C1
F3 FIRE ARMY	B4	LYNWOOD	C1
F4 FIRE ARMY	B4	MANA	B4
F5 FIRE ARMY	B4	MANA	B4
F6 FIRE ARMY	B4	MANA	B4
F7 FIRE ARMY	B4	MANA	B4
F8 FIRE ARMY	B4	MANA	B4
F9 FIRE ARMY	B4	MANA	B4
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F66 FIRE ARMY	B4	MANA	B4
F67 FIRE ARMY	B4	MANA	B4
F68 FIRE ARMY	B4	MANA	B4
F69 FIRE ARMY	B4	MANA	B4



Soil Map—Delaware County, Pennsylvania
(Haverford Township Act 537 Special Study)



Map Scale: 1:19,700 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/29/2025
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Delaware County, Pennsylvania

Survey Area Data: Version 22, Sep 4, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 5, 2022—Jul 4, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Sewage Disposal

This table shows the degree and kind of soil limitations that affect septic tank absorption fields and sewage lagoons. The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect these uses. *Not limited* indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. *Somewhat limited* indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. *Very limited* indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings in the table indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

Septic tank absorption fields are areas in which effluent from a septic tank is distributed into the soil through subsurface tiles or perforated pipe. Only that part of the soil between depths of 24 and 72 inches or between a depth of 24 inches and a restrictive layer is evaluated. The ratings are based on the soil properties that affect absorption of the effluent, construction and maintenance of the system, and public health. Saturated hydraulic conductivity (Ksat), depth to a water table, ponding, depth to bedrock or a cemented pan, and flooding affect absorption of the effluent. Stones and boulders, ice, and bedrock or a cemented pan interfere with installation. Subsidence interferes with installation and maintenance. Excessive slope may cause lateral seepage and surfacing of the effluent in downslope areas.

Some soils are underlain by loose sand and gravel or fractured bedrock at a depth of less than 4 feet below the distribution lines. In these soils the absorption field may not adequately filter the effluent, particularly when the system is new. As a result, the ground water may become contaminated.

Sewage lagoons are shallow ponds constructed to hold sewage while aerobic bacteria decompose the solid and liquid wastes. Lagoons should have a nearly level floor surrounded by cut slopes or embankments of compacted soil. Nearly impervious soil material for the lagoon floor and sides is required to minimize seepage and contamination of ground water. Considered in the ratings are slope, saturated hydraulic conductivity (Ksat), depth to a water table, ponding, depth to bedrock or a cemented pan, flooding, large stones, and content of organic matter.

Saturated hydraulic conductivity (Ksat) is a critical property affecting the suitability for sewage lagoons. Most porous soils eventually become sealed when they are used as sites for sewage lagoons. Until sealing occurs, however, the hazard of pollution is severe. Soils that have a Ksat rate of more than 14 micrometers per second are too porous for the proper functioning of sewage lagoons. In these soils, seepage of the effluent can result in contamination of the ground water. Ground-water contamination is also a hazard if fractured bedrock is within a depth of 40 inches, if the water table is high enough to raise the level of sewage in the lagoon, or if floodwater overtops the lagoon.

A high content of organic matter is detrimental to proper functioning of the lagoon because it inhibits aerobic activity. Slope, bedrock, and cemented pans can cause construction problems, and large stones can hinder compaction of the lagoon floor. If the lagoon is to be uniformly deep throughout, the slope must be gentle enough and the soil material must be thick enough over bedrock or a cemented pan to make land smoothing practical.

Information in this table is intended for land use planning, for evaluating land use alternatives, and for planning site investigations prior to design and construction. The information, however, has limitations. For example, estimates and other data generally apply only to that part of the soil between the surface and a depth of 5 to 7 feet. Because of the map scale, small areas of different soils may be included within the mapped areas of a specific soil.

The information is not site specific and does not eliminate the need for onsite investigation of the soils or for testing and analysis by personnel experienced in the design and construction of engineering works.

Government ordinances and regulations that restrict certain land uses or impose specific design criteria were not considered in preparing the information in this table. Local ordinances and regulations should be considered in planning, in site selection, and in design.

Report—Sewage Disposal

[Onsite investigation may be needed to validate the interpretations in this table and to confirm the identity of the soil on a given site. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

Sewage Disposal—Delaware County, Pennsylvania					
Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BaA—Baile silt loam, frequently ponded, 0 to 3 percent slopes					
Baile, frequently ponded	90	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slow water movement	1.00	Seepage	0.05

Sewage Disposal--Delaware County, Pennsylvania					
Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
CmA---Codorus silt loam, 0 to 3 percent slopes, occasionally flooded					
Codorus	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slow water movement	1.00	Seepage	0.05
GjB---Glenelg channery loam, 3 to 8 percent slopes					
Glenelg	85	Very limited		Somewhat limited	
		Slow water movement	1.00	Slope	0.92
		Depth to bedrock	0.77	Depth to soft bedrock	0.42
				Seepage	0.05
GjC---Glenelg channery loam, 8 to 15 percent slopes					
Glenelg	85	Very limited		Very limited	
		Slow water movement	1.00	Slope	1.00
		Depth to bedrock	0.77	Depth to soft bedrock	0.42
		Slope	0.63	Seepage	0.05
GmB---Glenelg-Urban land-Wheaton complex, 0 to 8 percent slopes					
Glenelg	36	Very limited		Somewhat limited	
		Slow water movement	1.00	Depth to soft bedrock	0.42
		Depth to bedrock	0.77	Slope	0.32
				Seepage	0.05
Urban land	34	Not rated		Not rated	
Wheaton	30	Very limited		Somewhat limited	
		Slow water movement	1.00	Slope	0.32
GnB---Glenville silt loam, 3 to 8 percent slopes					
Glenville	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slow water movement	1.00	Slope	0.92

Sewage Disposal--Delaware County, Pennsylvania					
Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GwB—Glenelg-Wheaton complex, 0 to 8 percent slopes					
Glenelg	50	Very limited		Somewhat limited	
		Slow water movement	1.00	Depth to soft bedrock	0.42
		Depth to bedrock	0.77	Slope	0.32
				Seepage	0.05
Wheaton	35	Very limited		Somewhat limited	
		Slow water movement	1.00	Slope	0.32
HaA—Hatboro silt loam, 0 to 3 percent slopes, frequently flooded					
Hatboro, frequently flooded	95	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Slow water movement	1.00	Seepage	0.05
McE—Manor channery loam, 25 to 35 percent slopes					
Manor	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Seepage, bottom layer	1.00	Seepage	1.00
		Slow water movement	0.95		
McF—Manor channery loam, 35 to 60 percent slopes					
Manor	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Seepage, bottom layer	1.00	Seepage	1.00
		Slow water movement	0.95		
MgB—Manor loam, 3 to 8 percent slopes					
Manor	90	Very limited		Very limited	
		Seepage, bottom layer	1.00	Seepage	1.00
		Slow water movement	0.95	Slope	0.92
MgC—Manor loam, 8 to 15 percent slopes					
Manor	90	Very limited		Very limited	
		Seepage, bottom layer	1.00	Slope	1.00
		Slow water movement	0.95	Seepage	1.00
		Slope	0.63		

Sewage Disposal--Delaware County, Pennsylvania					
Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
MgD—Manor loam, 15 to 25 percent slopes					
Manor	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Seepage, bottom layer	1.00	Seepage	1.00
		Slow water movement	0.95		
UdB—Urban land, schist and gneiss, 0 to 8 percent slopes					
Urban land, schist and gneiss	90	Not rated		Not rated	
UmB—Urban land-Wheaton complex, schist and gneiss, 0 to 8 percent slopes					
Urban land, schist and gneiss	60	Not rated		Not rated	
Wheaton	32	Very limited		Somewhat limited	
		Slow water movement	1.00	Slope	0.32
W—Water					
Water	100	Not rated		Not rated	

Data Source Information

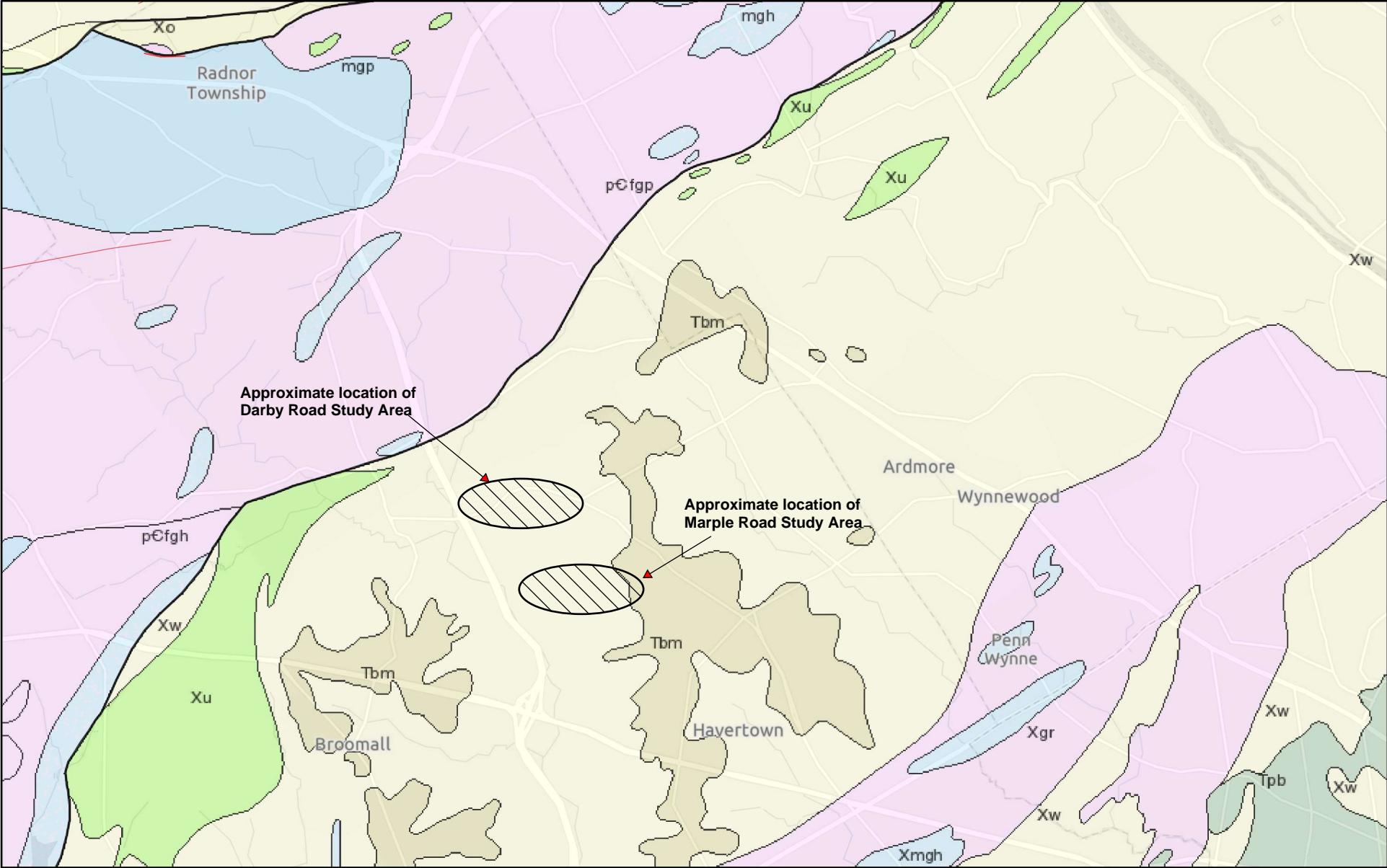
Soil Survey Area: Delaware County, Pennsylvania

Survey Area Data: Version 22, Sep 4, 2024

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BaA	Baile silt loam, frequently ponded, 0 to 3 percent slopes	5.4	0.7%
CmA	Codorus silt loam, 0 to 3 percent slopes, occasionally flooded	8.0	1.0%
GjB	Glenelg channery loam, 3 to 8 percent slopes	34.0	4.5%
GjC	Glenelg channery loam, 8 to 15 percent slopes	5.4	0.7%
GmB	Glenelg-Urban land-Wheaton complex, 0 to 8 percent slopes	92.8	12.2%
GnB	Glenville silt loam, 3 to 8 percent slopes	51.4	6.7%
GwB	Glenelg-Wheaton complex, 0 to 8 percent slopes	84.4	11.0%
HaA	Hatboro silt loam, 0 to 3 percent slopes, frequently flooded	17.8	2.3%
McE	Manor channery loam, 25 to 35 percent slopes	81.8	10.7%
McF	Manor channery loam, 35 to 60 percent slopes	31.1	4.1%
MgB	Manor loam, 3 to 8 percent slopes	168.1	22.0%
MgC	Manor loam, 8 to 15 percent slopes	121.3	15.9%
MgD	Manor loam, 15 to 25 percent slopes	36.4	4.8%
UdB	Urban land, schist and gneiss, 0 to 8 percent slopes	21.1	2.8%
UmB	Urban land-Wheaton complex, schist and gneiss, 0 to 8 percent slopes	4.0	0.5%
W	Water	0.8	0.1%
Totals for Area of Interest		763.6	100.0%

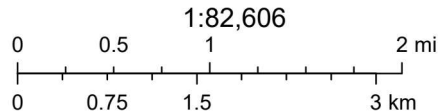
Haverford Geology



5/22/2025

- Dikes**
- Solid - identity certain, location accurate
 - Dashed - identity certain, location approximate
- Faults**
- Solid - identity certain, location accurate
 - Queried and dashed - identity or existence questionable, location approximate
- Geology Symbols**
- Folds**
- Solid - identity certain, location accurate
 - Queried and dashed - identity or existence questionable, location approximate
- Bedrock Contacts**
- Solid - identity certain, location accurate
 - Queried and dashed - identity or existence questionable, location approximate

- Quaternary**
- Qs - Sands of Presque Isle
 - Qt - Trenton Gravel
- Tertiary**
- Tpb - Pensauken and Bridgeton Formations, undifferentiated
 - Tbm - Bryn Mawr Formation
 - Kp - Palapso(?) Formation
 - Js - Sedimentary strata at Jacksonwald and Aspers
 - JTrgc - Gettysburg conglomerate
 - JTrg - Gettysburg Formation
 - JTrfq - Quartz fanglomerate
 - JTrd - Diabase
 - JTrb - Brunswick Formation
 - Tri - Limestone fanglomerate
 - Trh - Hammer Creek Formation
 - Trgh - Heidlersburg Member of
 - Trl - Lockatong Formation
 - Trhc - Hammer Creek
 - Tm - New Oxford Formation
 - Trs - Stockton Formation
 - Tmc - New Oxford conglomerate
 - Trac - Stockton conglomerate



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, PA DCNR

The map displays the Darby Creek watershed area, showing the confluence of Darby Creek and Langford Run. The map is divided into several zones: Zone A, Zone AE, and Zone X. Key features include the towns of Radnor (420428), Marple (420420), and Haverford (420417). The map shows various roads, including Foxes Run, Bryn Mawr Avenue, and Darby Road. It also indicates the locations of the Haverford State Hospital and the Haverford State Prison. The map is overlaid with a grid showing coordinates and distances. The map is titled "JOINS PANEL 0103" and "JOINS PANEL 0102".



— 100 —

 Federal Emergency Management Agency

APPENDIX B:
BASIS OF DESIGN AND COST ESTIMATE

**HAVERFORD TOWNSHIP
ACT 537 SPECIAL STUDY**

COST ESTIMATE

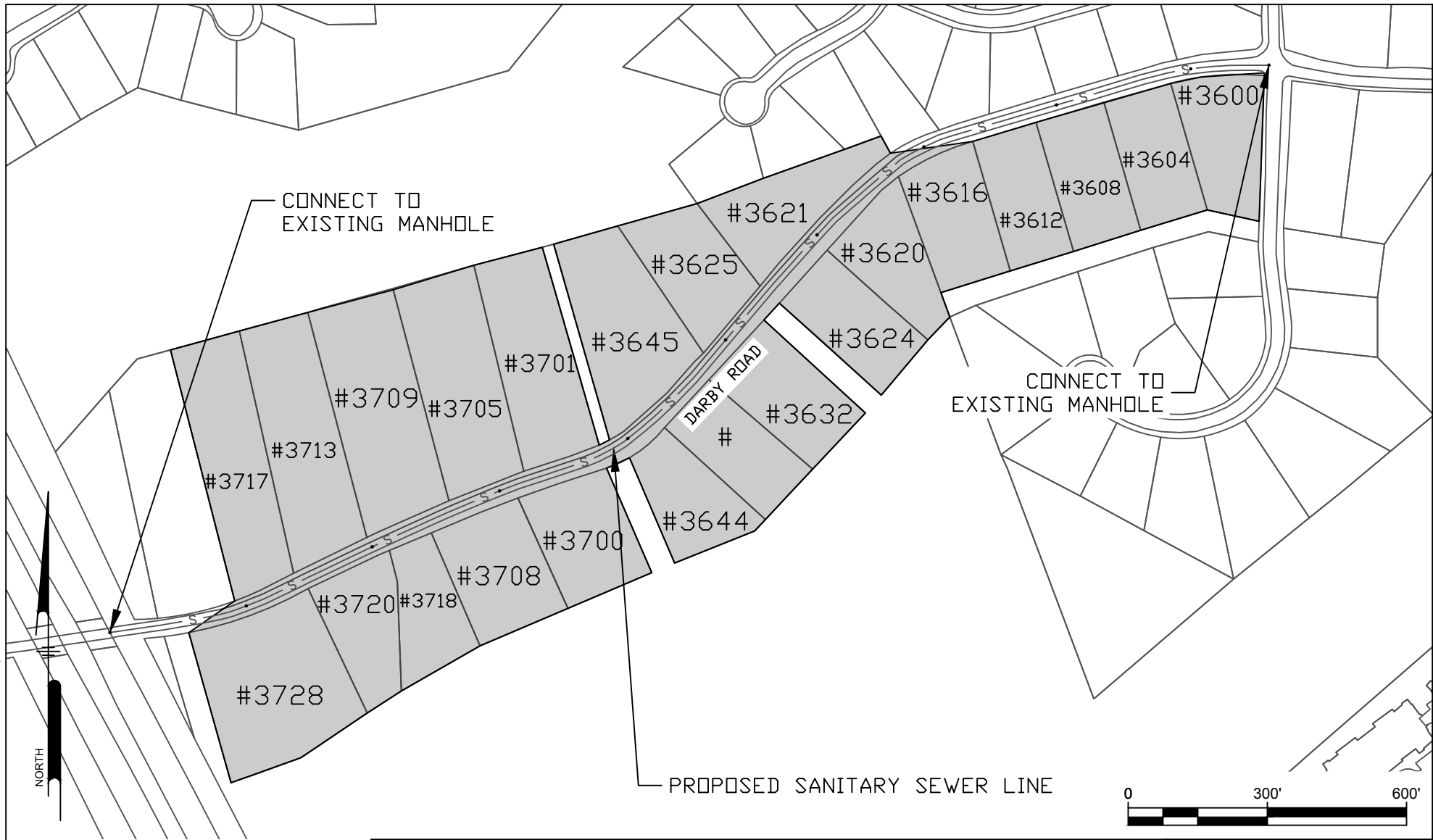
Low Pressure System			Quantities		Total Cost	
	Unit Cost	Units	Darby Road	Marple Road	Darby Road	Marple Road
Manhole Connection into existing system	\$ 3,500	EA	1	1	\$ 3,500	\$ 3,500
Flush Station	\$ 15,000	EA	2	2	\$ 30,000	\$ 30,000
Low Pressure Pipe	\$ 200	LF	2800	3300	\$ 560,000	\$ 660,000
Service Connection	\$ 2,500	EA	24	32	\$ 60,000	\$ 80,000
Restoration						
Stone Backfill	\$ 25	CY	1400	1600	\$ 35,000	\$ 40,000
Traffic Control	\$ 10,000	LS	1	1	\$ 10,000	\$ 10,000
Paving	\$ 65	CY	800	950	\$ 52,000	\$ 61,750
Overlay (28x20)	\$ 20	CY	6500	7600	\$ 130,000	\$ 152,000
Total Township					\$ 880,500	\$ 1,037,250
Cost to Property Owners						
Grinder Pump	\$ 20,000	EA	24	32	\$ 480,000	\$ 640,000
Lateral	\$ 2,500	EA	24	32	\$ 60,000	\$ 80,000
Building	\$ 2,500	EA	24	32	\$ 60,000	\$ 80,000
Total Cost to Properties Owner					\$ 600,000	\$ 800,000
Total with Property Owner Cost					\$ 1,480,500	\$ 1,837,250
Engineering (based on Township and Property Owner cost)				10%	\$ 148,050	\$ 183,725
Contingency (based on Township and Property Owner cost)				20%	\$ 296,100	\$ 367,450
Total including Township and Property Owner Costs					\$ 1,924,650	\$ 2,388,425

**HAVERFORD TOWNSHIP
ACT 537 SPECIAL STUDY**

COST ESTIMATE

Gravity System			Quantities		Total Cost	
	Unit Cost	Units	Darby Road	Marple Road	Darby Road	Marple Road
Pipe	\$ 450	LF	2800	3300	\$ 1,260,000	\$ 1,485,000
Manhole	\$ 6,000	EA	8	10	\$ 48,000	\$ 60,000
Connection	\$ 7,500	EA	24	32	\$ 180,000	\$ 240,000
Manhole Connection into existing system	\$ 5,000	EA	1	1	\$ 5,000	\$ 5,000
Restoration						
Stone	\$ 20	CY	2800	3600	\$ 56,000	\$ 72,000
Paving	\$ 65	CY	1600	1900	\$ 104,000	\$ 123,500
Overlay	\$ 20	CY	6500	7600	\$ 130,000	\$ 152,000
Traffic Control	\$ 20,000	LS	1	1	\$ 20,000	\$ 20,000
Total Township					\$ 1,803,000	\$ 2,157,500
Cost to Property Owners						
Lateral	\$ 7,500	EA	24	32	\$ 180,000	\$ 240,000
Building connection	\$ 2,500	EA	24	32	\$ 60,000	\$ 80,000
Total Cost to Properties Owner					\$ 240,000	\$ 320,000
Total with Property Owner Cost					\$ 2,043,000	\$ 2,477,500
Engineering (based on Township and Property Owner cost)				10%	\$ 204,300	\$ 247,750
Contingency (based on Township and Property Owner cost)				20%	\$ 408,600	\$ 495,500
Total including Township and Property Owner Costs					\$ 2,655,900	\$ 3,220,750

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PLOTTED: 5/29/2025 12:13:13 PM, BY: ZACHARY PENDZICK PLOTSTYLE: ----, PROJECT STATUS: ----



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Philadelphia, PA 19103
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ACT 537 - SPECIAL STUDY
HAVERFORD
PA

DARBY ROAD STUDY AREA

HAVERFORD TOWNSHIP
1014 DARBY ROAD
HAVERFORD, PA 19083

PROJECT **HAVTT13242**

DATE **2025-05-28**

DRAWING SCALE **1"=300'**

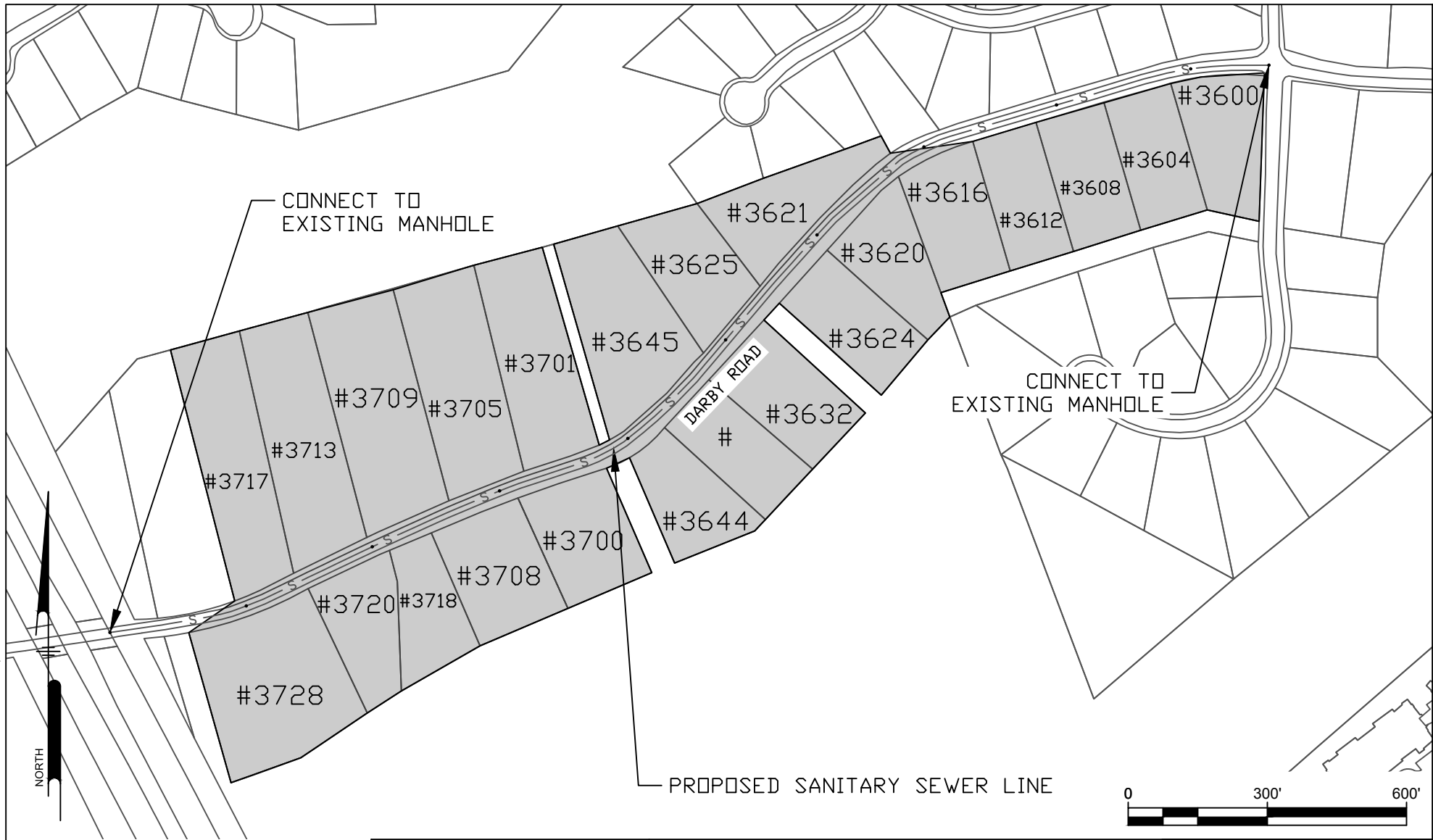
DRAWN BY **ZAP**

APPROVED BY **BG**

EX - 1-1

SHEET **1** OF **1**

U:\ACCOUNTS\HVVTT\HVVTT13242 - ACT 537 UPDATE, DARBY MARPLE RD OLDS\DOC PREP\CAD\EX - 1-1.DWG
PLOTTED: 5/29/2025 12:13:13 PM, BY: ZACHARY PENDZICK PLOTSTYLE: ----, PROJECT STATUS: ----



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ACT 537 - SPECIAL STUDY
HAVERFORD
PA

DARBY ROAD STUDY AREA

HAVERFORD TOWNSHIP
1014 DARBY ROAD
HAVERFORD, PA 19083

PROJECT **HAVTT13242**

DATE **2025-05-28**

DRAWING SCALE **1"=300'**

DRAWN BY **ZAP**

APPROVED BY **BG**

EX - 1-1

SHEET **1** OF **1**

APPENDIX C:
ONLOT SEWAGE DISPOSAL SYSTEM SURVEY

On-lot System Survey Recipients			
Study Area	Address	County, State	Survey Reply
Darby	3345 Darby Road	Haverford, PA 19041	
	3600 Darby Road	Bryn Mawr, PA 19010	Yes
	3604 Darby Road	Bryn Mawr, PA 19010	
	3608 Darby Road	Bryn Mawr, PA 19010	
	3612 Darby Road	Bryn Mawr, PA 19010	
	3616 Darby Road	Bryn Mawr, PA 19010	
	3620 Darby Road	Bryn Mawr, PA 19010	Yes
	3621 Darby Road	Bryn Mawr, PA 19010	
	3624 Darby Road	Bryn Mawr, PA 19010	Yes
	3625 Darby Road	Bryn Mawr, PA 19010	Yes
	3632 Darby Road	Bryn Mawr, PA 19010	Yes
	3644 Darby Road	Bryn Mawr, PA 19010	Yes
	3645 Darby Road	Bryn Mawr, PA 19010	
	3700 Darby Road	Bryn Mawr, PA 19010	Yes
	3701 Darby Road	Bryn Mawr, PA 19010	Yes
	3705 Darby Road	Bryn Mawr, PA 19010	
	3708 Darby Road	Bryn Mawr, PA 19010	
	3709 Darby Road	Bryn Mawr, PA 19010	
	3713 Darby Road	Bryn Mawr, PA 19010	Yes
	3717 Darby Road	Bryn Mawr, PA 19010	
	3718 Darby Road	Bryn Mawr, PA 19010	
	3720 Darby Road	Bryn Mawr, PA 19010	
	3728 Darby Road	Bryn Mawr, PA 19010	Yes
	3932 Darby Road	Haverford, PA 19041	Yes
Marple	41 Marple Road	Haverford, PA 19041	Yes
	53 Marple Road	Haverford, PA 19041	
	56 Marple Road	Haverford, PA 19041	Yes
	100 Marple Road	Haverford, PA 19041	
	101 Marple Road	Haverford, PA 19041	
	108 Marple Road	Haverford, PA 19041	
	112 Marple Road	Haverford, PA 19041	
	116 Marple Road	Haverford, PA 19041	Yes
	120 Marple Road	Haverford, PA 19041	Yes
	124 Marple Road	Haverford, PA 19041	Yes
	128 Marple Road	Haverford, PA 19041	
	132 Marple Road	Haverford, PA 19041	
	134 Marple Road	Haverford, PA 19041	
	136 Marple Road	Haverford, PA 19041	
	140 Marple Road	Haverford, PA 19041	
	144 Marple Road	Haverford, PA 19041	
	148 Marple Road	Haverford, PA 19041	
	151 Marple Road	Haverford, PA 19041	Yes
	152 Marple Road	Haverford, PA 19041	
	155 Marple Road	Haverford, PA 19041	Yes
	156 Marple Road	Haverford, PA 19041	
	159 Marple Road	Haverford, PA 19041	Yes
	160 Marple Road	Haverford, PA 19041	
	164 Marple Road	Haverford, PA 19041	
	200 Marple Road	Haverford, PA 19041	
	201 Marple Road	Haverford, PA 19041	
	204 Marple Road	Haverford, PA 19041	
	205 Marple Road	Haverford, PA 19041	
	208 Marple Road	Haverford, PA 19041	Yes
	209 Marple Road	Haverford, PA 19041	
	212 Marple Road	Haverford, PA 19041	
	215 Marple Road	Haverford, PA 19041	
	217 Marple Road	Haverford, PA 19041	
Unsewered Properties Adjacent or Close Proximity to Existing Sewer	76 Brennan Drive	Bryn Mawr, PA 19010	Yes
	84 Brennan Drive	Bryn Mawr, PA 19010	Yes
	1735 Burmont Road	Drexel Hill, PA 19026	Yes
	513 College Ave	Haverford, PA 19041	Yes
	2 Coopertown Road	Haverford, PA 19041	Yes
	3 Coopertown Road	Haverford, PA 19041	Yes
	329 Ellis Road	Havertown, PA 19083	Yes
	620 Ellis Road	Havertown, PA 19083	Yes
	1030 Sproul Road	Bryn Mawr, PA 19010	Yes
	1516 Steel Road	Havertown, PA 19083	Yes

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 2 Coopertown Rd

How long have you lived at this address? 6

Number of Occupants: 2

How large is your lot? 3

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground tank

How old is your system?

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? yearly

Last time? fall 2022

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? not since they have been here

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 159 Marple Road

How long have you lived at this address? 20

Number of Occupants: 2

How large is your lot? 1

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

cesspool

How old is your system?

Was it permitted? yes

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? quarterly

Last time? 45078

If your system was pumped, was it inspected for cracks or broken baffles in the tank? no

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 155 Marple Rd

How long have you lived at this address? 31

Number of Occupants: 1

How large is your lot?

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

How old is your system?

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? 0

Last time? 0

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 1735 Burmont Rd

How long have you lived at this address? 45

Number of Occupants: 2

How large is your lot? 0.745

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

cesspool; Brick Tank

How old is your system? 81

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

none

Was your system ever pumped out? yes

How often? 0

Last time? 44903

If your system was pumped, was it inspected for cracks or broken baffles in the tank? no, brick tank

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3632 Darby Rd

How long have you lived at this address? 15

Number of Occupants: 4

How large is your lot? 1.1499999999999999

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground septic field; Cesspool

How old is your system? cesspool - 50+ years, inground septic field - 25 years

Was it permitted? yes

When? 0

Have you ever noticed any of the following near your septic system?

none

Was your system ever pumped out? yes

How often? 2x per year

Last time? 44986

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? very far - 200 feet ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 116 Marple Rd

How long have you lived at this address? 23

Number of Occupants: 2

How large is your lot? 1.0800000000000001

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard: no

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

septic tank

How old is your system? 1950s - guessing

Was it permitted? they assume so

When? 0

Have you ever noticed any of the following near your septic system?

no

Was your system ever pumped out? yes

How often? annually

Last time? 45078

If your system was pumped, was it inspected for cracks or broken baffles in the tank? no

Was your system ever repaired? no - to the best of their knowledge

When? it was inspected in 2000 when they purchased the house

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3700 Darby Rd

How long have you lived at this address? 24

Number of Occupants: 2

How large is your lot? 1

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

septic system

How old is your system? 60

Was it permitted? yes

When? they assume it was permitted when the house was built in the 1960's but that is just an assumption

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? about every 5 years

Last time? this year

If your system was pumped, was it inspected for cracks or broken baffles in the tank? no

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? about 150 feet ft.

Is the well uphill or downhill from the drain field? uphill

COMMENTS OF PROPERTY OWNER:

they believe a pump person may have said they have a cesspool. they do not know for sure. they do know there are 2 tanks and the system works well with no overflows.

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3625 Darby Rd

How long have you lived at this address? 36

Number of Occupants: 2

How large is your lot? 1.3300000000000001

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

on site system with double-sized drainage field; per neighbor Ernest Dana - "system will never need service"

How old is your system? 45

Was it permitted? 0

When? don't know - file requested from Township

Have you ever noticed any of the following near your septic system?

no

Was your system ever pumped out? no - never needed

How often? 0

Last time? 0

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? 150 feet - well in back of house, drainage field in front ft.

Is the well uphill or downhill from the drain field? uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 124 Marple Rd

How long have you lived at this address? 4

Number of Occupants: 3

How large is your lot? 1

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: damp

Raw sewage surfacing: no

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground bed

How old is your system? 3

Was it permitted? yes

When? Nov. 2019

Have you ever noticed any of the following near your septic system?

green lush grass

Was your system ever pumped out? yes

How often? yearly

Last time? Oct. 2022

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? replaced with new system 2019

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3600 Darby Rd

How long have you lived at this address? 29

Number of Occupants: 2

How large is your lot? 1.2

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground bed

How old is your system? 60

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? 2-3 years

Last time? 45005

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? 100 feet ft.

Is the well uphill or downhill from the drain field? uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3620 Darby Rd

How long have you lived at this address? 11

Number of Occupants: 0

How large is your lot? 1.25

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds:

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

How old is your system?

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? 0

How often? 0

Last time? 0

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? 0

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? 0

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

no structure, no water, no sewer - vacant lot

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3624 Darby Rd

How long have you lived at this address? 11

Number of Occupants: 1

How large is your lot? 1.1499999999999999

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: yes

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground bed

How old is your system? 11

Was it permitted? yes

When? 41052

Have you ever noticed any of the following near your septic system?

odors

Was your system ever pumped out? yes

How often? 2 years

Last time? 45108

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? 150 feet? ft.

Is the well uphill or downhill from the drain field? uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 620 Ellis Rd

How long have you lived at this address? 4.5

Number of Occupants: 4

How large is your lot?

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

cesspool

How old is your system? 1959

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? 0

Last time? 2018

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? yes

When? 2018

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 120 Marple Rd

How long have you lived at this address? 4

Number of Occupants: 6

How large is your lot? 1.04

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor:

Wet above or near system:

Raw sewage surfacing:

Other areas of dampness noted in yard:

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

holding tank, drainfield, cesspool

How old is your system?

Was it permitted? 0

When? 0

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? annually

Last time? 45100

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? 0

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 1516 Steel Rd

How long have you lived at this address? 53

Number of Occupants: 1.5

How large is your lot?

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

cesspool septic

How old is your system?

Was it permitted? yes

When? 1952 (when house was built)

Have you ever noticed any of the following near your septic system?

0

Was your system ever pumped out? yes

How often? every 2 years

Last time? 2021 (Oct.) - due this Oct. 2023

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

"I understand the concern for the environment, but I ask you to seriously consider the need for a time period for residents to financially plan for this substantial debt. Also please consider the properties which are having no problems with their system's

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 76 Brennan Dr

How long have you lived at this address? 22

Number of Occupants: 1

How large is your lot?

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: none

Wet above or near system: none

Raw sewage surfacing: none

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

inground septic tank

How old is your system? when home was built

Was it permitted? yes

When? 0

Have you ever noticed any of the following near your septic system?

none

Was your system ever pumped out? yes

How often? every 3 years

Last time? Oct. 26, 2020 and Sept. 7, 2023

If your system was pumped, was it inspected for cracks or broken baffles in the tank? yes

Was your system ever repaired? no

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3701 Darby Rd

How long have you lived at this address? 10

Number of Occupants: 1

How large is your lot? 2

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: dry

Sewage Odor: no

Wet above or near system: no

Raw sewage surfacing: no

Other areas of dampness noted in yard: none

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

cesspool (1957) with drain field added in 1991

How old is your system? 1957 & 1991

Was it permitted? yes

When? 1957 & 1991

Have you ever noticed any of the following near your septic system?

none of the above noticed

Was your system ever pumped out? yes

How often? 3 times

Last time? July 2010 (& twice in 1991)

If your system was pumped, was it inspected for cracks or broken baffles in the tank? cesspool - no baffles as in septic tanks per se

Was your system ever repaired? yes - addition of drain field

When? Sept. 1991

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? well

If well water, please complete the following:

How far from the well from the drain field? 125 ft. ft.

Is the well uphill or downhill from the drain field? uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 513 College Ave

How long have you lived at this address? 12

Number of Occupants: 2

How large is your lot? 1.8999999999999999

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Inground Bed

How old is your system? Unknown, but probably put in in the mid-1990s

Was it permitted? I don't know for sure, but I think yes

When? 0

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Every year

Last time? Fall 2022

If your system was pumped, was it inspected for cracks or broken baffles in the tank? No

Was your system ever repaired? Yes

When? 2011

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3713 Darby Rd

How long have you lived at this address? 6.5

Number of Occupants: 2

How large is your lot? 2

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Inground Bed

How old is your system? Unknown

Was it permitted? Installed prior to move in

When? 0

Have you ever noticed any of the following near your septic system?

Green Lush Grass

Was your system ever pumped out? Yes

How often? Once every 3 years

Last time? 44866

If your system was pumped, was it inspected for cracks or broken baffles in the tank? No

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Well

If well water, please complete the following:

How far from the well from the drain field? 80 ft ft.

Is the well uphill or downhill from the drain field? Downhill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3728 Darby Road

How long have you lived at this address? 32

Number of Occupants: 2

How large is your lot? 2.3300000000000001

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: We have a functioning spring house

Location: rear of property

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Cesspool

How old is your system? prior to our ownership

Was it permitted? Unknown

When? 0

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? every 3 years

Last time? 12-/18/2020

If your system was pumped, was it inspected for cracks or broken baffles in the tank? 0

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Well

If well water, please complete the following:

How far from the well from the drain field? 138 Feet ft.

Is the well uphill or downhill from the drain field? Uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3644 Darby Road

How long have you lived at this address? 56

Number of Occupants: 3

How large is your lot? 2

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Tile field

How old is your system? Put in 1967 and updated in 2014

Was it permitted? Yes

When? When permits were obtained to renovate the house around 2012

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Annually

Last time? 2023

If your system was pumped, was it inspected for cracks or broken baffles in the tank? Yes

Was your system ever repaired? Yes

When? 2012 when house was renovated

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Well

If well water, please complete the following:

How far from the well from the drain field? Well in front of house and drain field in back ft.

Is the well uphill or downhill from the drain field? Uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 84 Brennan Drive

How long have you lived at this address? 18

Number of Occupants: 3

How large is your lot? 1.5

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: Yes

Location: Adjacent to and downstream from drain field, occasionally

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Inground Bed

How old is your system? 18 years

Was it permitted? Yes

When? 2005

Have you ever noticed any of the following near your septic system?

Water Ponding or Surfacing

Was your system ever pumped out? Yes

How often? approx every 2 years

Last time? 44562

If your system was pumped, was it inspected for cracks or broken baffles in the tank? Yes

Was your system ever repaired? Yes

When? Replaced baffle in 2016.

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

subject property borders Brennan Drive, Darby and Sproul Rds. Direct hookup to Sewer line running on either Darby or Sproul should be possible if required.

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 1030 Sproul Road

How long have you lived at this address? 24

Number of Occupants: 2

How large is your lot? 3

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: We are tied into the sewer system - and pay a sewer tax to Radnor

Sewage Odor: We are tied into the sewer system - and pay a sewer tax to Radnor

Wet above or near system: We are tied into the sewer system - and pay a sewer tax to Radnor

Raw sewage surfacing: We are tied into the sewer system - and pay a sewer tax to Radnor

Other areas of dampness noted in yard: We are tied into the sewer system - and pay a sewer tax to Radnor

Location: We are tied into the sewer system - and pay a sewer tax to Radnor

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

We are tied into the sewer system - and pay a sewer tax to Radnor

How old is your system? We are tied into the sewer system - and pay a sewer tax to Radnor

Was it permitted? We are tied into the sewer system - and pay a sewer tax to Radnor

When? We are tied into the sewer system - and pay a sewer tax to Radnor

Have you ever noticed any of the following near your septic system?

We are tied into the sewer system - and pay a sewer tax to Radnor

Was your system ever pumped out? We are tied into the sewer system - and pay a sewer tax to Radnor

How often? We are tied into the sewer system - and pay a sewer tax to Radnor

Last time? We are tied into the sewer system - and pay a sewer tax to Radnor

If your system was pumped, was it inspected for cracks or broken baffles in the tank? We are tied into the sewer system - and pay a sewer tax to Radnor

Was your system ever repaired? We are tied into the sewer system - and pay a sewer tax to Radnor

When? We are tied into the sewer system - and pay a sewer tax to Radnor

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

We are tied to the sewer line. We receive a tax bill from Radnor Township.

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 56 Marple Road

How long have you lived at this address? 20

Number of Occupants: 2

How large is your lot? 1

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Septic Tank 1250 gallons

How old is your system? 20 years

Was it permitted? Yes

When? 37840

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Every 2 years

Last time? 45108

If your system was pumped, was it inspected for cracks or broken baffles in the tank? No

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 41 Marple Road

How long have you lived at this address? 9

Number of Occupants: 2

How large is your lot? 1.25

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Cesspool

How old is your system? At least 10 years

Was it permitted? Don't know

When? 0

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Not to my knowledge

How often? 0

Last time? 0

If your system was pumped, was it inspected for cracks or broken baffles in the tank? See above

Was your system ever repaired? Not to my knowledge

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 151 Marple Road

How long have you lived at this address? 18

Number of Occupants: 3

How large is your lot? 1

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Wet after heavy downpours, dry when no rain

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Cesspool

How old is your system? Don't know

Was it permitted? Don't know

When? 0

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Once per month

Last time? 45148

If your system was pumped, was it inspected for cracks or broken baffles in the tank? Yes

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 208 Marple road

How long have you lived at this address? 3

Number of Occupants: 2

How large is your lot? 0.5999999999999998

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Septic system

How old is your system? Approx 5yrs

Was it permitted? Yes

When? Previous owners

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Every 1.5-2 yrs as recommended

Last time? 2022

If your system was pumped, was it inspected for cracks or broken baffles in the tank? Yes

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3 Coopertown Rd

How long have you lived at this address? 43

Number of Occupants: 2

How large is your lot? 4.309999999999996

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Cesspool

How old is your system? ? (older than 43 years)

Was it permitted? Don't know

When? 0

Have you ever noticed any of the following near your septic system?

System Overflow

Was your system ever pumped out? Yes

How often? Every 1-2 years

Last time? 45166

If your system was pumped, was it inspected for cracks or broken baffles in the tank? No

Was your system ever repaired? Don't know

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 3932 Darby Road

How long have you lived at this address? 19

Number of Occupants: 3

How large is your lot? 0.6099999999999999

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: Dampness in drainage field

Location: Over drainage field

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Inground Bed

How old is your system? Installed before I got here.

Was it permitted? Not sure what year.

When? 0

Have you ever noticed any of the following near your septic system?

Wetness or Spongy Areas

Was your system ever pumped out? Yes

How often? Every few years.

Last time? 2019 before pandemic / Oct.2023

If your system was pumped, was it inspected for cracks or broken baffles in the tank? Yes

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Well

If well water, please complete the following:

How far from the well from the drain field? Well is in front of house, drainage field is in the back. ft.

Is the well uphill or downhill from the drain field? Uphill

COMMENTS OF PROPERTY OWNER:

0

HAVERFORD TOWNSHIP ON-LOT SEWAGE DISPOSAL SYSTEM SURVEY

Preliminary Information:

ADDRESS: 329 Ellis Rd.

How long have you lived at this address? 25

Number of Occupants: 2

How large is your lot? 2.2999999999999998

Current Condition of On-lot Sewage Disposal System

General condition of non-septic area grounds: Dry

Sewage Odor: No

Wet above or near system: No

Raw sewage surfacing: No

Other areas of dampness noted in yard: No

Location:

What kind of on-lot disposal system do you have? (inground bed, sand mound, cesspool, etc.)

Cesspool

How old is your system? Unknown

Was it permitted? Unknown

When? Unknown

Have you ever noticed any of the following near your septic system?

None of the Above

Was your system ever pumped out? Yes

How often? Once

Last time? 2017

If your system was pumped, was it inspected for cracks or broken baffles in the tank? No

Was your system ever repaired? No

When? 0

By permit? 0

What part was repaired or replaced?

0 0 0

What kind of water system do you have? Public

If well water, please complete the following:

How far from the well from the drain field? 0 ft.

Is the well uphill or downhill from the drain field? 0

COMMENTS OF PROPERTY OWNER:

0

APPENDIX D:
RESOLUTION OF ADOPTION