

**HYDROGEOLOGY AND GROUNDWATER  
PROTECTION STUDY**

**BRYN COED FARMS  
WEST VINCENT TOWNSHIP  
CHESTER COUNTY, PA**

**NATURAL LANDS TRUST**

**February 16, 2017  
Nave Newell No.: 2016-061.00**

## HYDROGEOLOGY AND GROUNDWATER PROTECTION STUDY

### Project Overview

Natural Lands Trust (NLT) proposes to purchase the lands known as Bryn Coed Farms (+/- 1,500 acres) in West Vincent Township, West Pikeland Township, and East Pikeland Township, Chester County, Pennsylvania. As part of the project, NLT proposes a preserve area (+/- 440 acres), the transfer of +/- 72 acres to West Vincent Township for a park area and sale of the remaining lands for single-family detached dwelling lots. All residential lots will be serviced with individual, on-lot water and sanitary sewer facilities.

The following narrative was prepared as part of the preliminary/final plan submission requirements, detailed in West Vincent's Subdivision and Land Development Ordinance, Section 403.1.2.

### Narrative

The residential lots associated with the Bryn Coed Farms project will be serviced by individual, on-lot wells. These lots are exclusively located within Groundwater Zone B, per the West Vincent Township Well Ordinance (No. 97-78). Based on the anticipated usage of less than 1,000 gallons per day, each well would require a Class 1 Permit.

As a Class 1 Permit in Zone B, a Chester County Health Department well drilling permit shall accompany the West Vincent Township well drilling permit and the drilling permit application shall be submitted with the building permit application to the Township Manager on forms provided by the Township, for each individual lot, at such time when the lot is proposed to be developed.

A well application will be submitted for each lot by each individual lot owner. The well requirements will follow the West Vincent Township Well Ordinance, along with Chester County Health Department standards for setback distances, etc. It is not anticipated that a Hydrogeologic Impact Study will be required for these lots.