
Water Appropriation Permitting, Water Supply & Development

Customer: Elm Street Development
Location: Howard County, MD



Description:

Hydro-Terra Group (HTG) worked with the Developer, as well as Local, County and State Agencies to secure approval of separate Groundwater Appropriation Permits through the Maryland Department of the Environment for two single-family home, residential communities. The projects consisted of a 46-lot and a 35-lot development, both located in Howard County, Maryland and included on-lot water supply wells and individual wastewater disposal systems. Additionally, five lots did not have adequate soils (based on the results of perc tests) or area for individual systems and are served by a shared system; because of HTG's experience in both Water and Wastewater, we were able to provide design services and engineering of both the low-pressure sewer collection system (LPSS) and the centralized treatment and disposal system.

Project Highlights:

- ✓ Groundwater appropriation permitting.
- ✓ Geologic well logging and construction.
- ✓ Well and aquifer testing, groundwater monitoring, sampling and analysis.



Aquifer Testing



Water Supply Development



Water Supply Well Installation