

Project Name

Document Review for Proposed Development

Client

West Windsor Township

Services Provided

- Review of Drainage Calculations
- Review of Flooding Impact Study
- Review of Stream Encroachment Permit Applications
- Expert Testimony at Planning Board Hearing
- Coordination with DEP-LURP Regarding Development's Potential Flood Impacts

Project Description

West Windsor Township sought external review of several technical documents related to a controversial proposed development with 1,165 dwellings. SAI was initially asked to review two documents and present their review to the Planning Board. Later, SAI was asked to review a Stream Encroachment Permit Application associated with the project.

Approach

SAI provided critical review of two documents. The first document was a typical engineering report on drainage calculations. The second document was unusual in that it was written in response to a court order rather than a regulatory requirement and therefore had no specific requirements regarding methodology or presentation.

The reviewed analysis involved a complex combination of several hydrologic and hydraulic models. SAI evaluated the methodology of the analysis as well as the application of each computer model used in order to identify major flaws in the analysis. SAI served as Expert Witness at a Planning Board meeting open to the public at which testimony regarding the report was made followed by cross examination.

West Windsor Township additionally requested that SAI approach NJDEP's Land Use Regulation Program regarding the township's concerns over potential downstream flooding from the proposed project. SAI is reviewing the Stream Encroachment Permit Application submitted for the project in order to provide an independent review.

