

## Memorandum

**To:** Adam R. Kaufman, AICP  
Director of Planning  
Town of North Castle  
17 Bedford Road  
Armonk, New York 10504

**From:** William A. Canavan, PG, LSRP  
HydroEnvironmental Solutions, Inc.  
Two Center Street, P.O. Box 929  
Croton Falls, New York 10519

**Date:** May19, 2023

**Re:** 9 Barnard Road  
Armonk, New York

HydroEnvironmental Solutions, Inc. (HES) was retained by the Town of North Castle, Westchester County, New York to review a recent Application at 9 Barnard Road in Armonk, New York. It is our understanding that fill material (originally reported as 300 cubic yards, but based on a recent survey is now reported as 1,000 cubic yards of material) was imported to the subject site and that the Applicant was required to confirm, in accordance with New York State Department of Environmental Conservation (NYSDEC) Regulations, that the imported fill was compliant for use in a residential setting. The fill was imported by the property owner without a permit.

The Applicant should now complete the following environmental work related to the imported fill material under the direct supervision of Town personnel and their consultants:

- The imported soil should be sampled and analyzed in accordance with 161-1(A)(3) of the Town Code, and 6 NYCRR, Part 360 for the parameters listed below to confirm it is protective of Human Health and Groundwater including the following:
  - Volatile organic compounds (via USEPA Method 8260)
  - Semi volatile organic compounds (via USEPA Method 8270, full list)
  - PCBs and Pesticides
  - Target Analyte List (TAL) Metals

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Prior to conducting any field work, a soil sampling plan including a to scale site plan showing proposed sampling locations should be provided for review. No soil sampling should take place on-site without prior approval of the Town, and all fieldwork should be overseen by Town personnel and/or their professional consultants. Additionally, the imported soil volume calculations and the most recent survey should be provided for Twon review, if they have not been to date. HES has not reviewed any recent fill volume calculations or site survey.

HES would be pleased to answer any questions related to this matter, or attend any future meetings as required.