

## 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.  
One Deans Bridge Road  
Somers, New York 10589

**Date:** June 13, 2022

**Re:** 26 Chestnut Ridge 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 26 Chestnut Ridge Road in Armonk, New York. It is our understanding that fill 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 Regulations as part of our review process, HES reviewed the following documents provided by the Town and the Applicant:

1. A May 23, 2022, cover letter compiled by JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC (JMC) that included laboratory data related to sampling of imported fill at the subject property.

Based on our review of the materials provided we offer the following:

### Project Background

The Applicant has proposed renovations to the subject property and, as part of the renovation process, fill material was imported for regrading and backfill purposes. The imported fill material was not approved nor properly documented prior to importation. Consequently, the Town requested that the Applicant and their consultant characterize the imported material in accordance with New York State Department of Environmental Conservation (NYSDEC) regulations and standards.

- The Applicant retained Advanced Environmental, Inc. (Advanced) of Elmsford, New York to collect soil samples from the imported fill material. Regarding the imported fill material, the Applicant should provide the following:

A site plan showing the fill area extent with a topographic survey.

A site plan showing the soil sampling location(s) and the total volume of soil imported.

A summary table comparing the results of the current soil testing to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs).

Based on the information provided, additional soil sampling will be required in accordance with DER-10 and NYSDEC Soil Importation Regulations. The following parameters will need to be analyzed for the appropriate number of samples based on imported volume, grab samples for volatile organic compounds (VOCs) and five-point composite samples for all other parameters. The parameter list includes: VOCs via EPA Method 8260, Semi-VOCs via EPA Method 8270 (Full List), Target Analyte List (TAL) Metals, polychlorinated biphenyls (PCBs), Pesticides, Ignitibility, and Corrosivity.

HES would like to schedule a site visit at the earliest convenience of the Applicant.

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