

New York State Department of Environmental Conservation

Division of Environmental Remediation, Region One

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February 7, 2007

Mr. Peter Brighton
Walden Associates
16 Spring Street
Oyster Bay, NY 11771

**Re: Bayville Village Cleaners #V00220
Site Investigation Work Plan - December 2006**

Dear Mr. Brighton,

The New York State Department of Environmental Conservation (NYSDEC), the New York State Department of Health and the Nassau County Department of Health have reviewed the referenced work plan and offers the following comments and revisions;

- Section 1.0: Previous investigative and remedial work conducted at the site has confirmed that soil and groundwater has been contaminated with tetrachloroethene (PCE). Please delete the reference to "suspected contamination".
- Section 1.1: Please clarify how recently the facility ceased using PCE in the dry cleaning process. Also, please verify that the facility does not utilize PCE in any type of spot removal process. Does the cleaners operate as a drop-off facility where clothes are shipped out for dry cleaning and then returned? If so, fugitive PCE contamination may be present in indoor air within the facility.
- Section 2.1.1: The soil gas sample collected along the south side of the property should be located between the cesspool and the property line, or, as near to the property line as possible. Soil gas data should be shared with the regulatory agencies as soon as possible. A determination will be made by the departments as to whether a vapor intrusion study is necessary in the surrounding community.
- Section 2.2.1: Water table elevations should be collected for the calculation of the site-specific groundwater flow direction. Additionally, purgewater evacuated from the monitoring wells and the geoprobe samples must be containerized for proper off-site disposal.
- Section 2.3.3.1: Although excavation activities were previously conducted at the site to remove contaminated soil, the presence of residual contamination in subsurface soil

should be verified. The shallow nature of groundwater beneath the site will make it difficult to determine if contaminants in soil gas are a result of groundwater contamination or residual subsurface soil contamination. For this reason, the soil sampling prescribed in this section should be conducted during this work assignment.

- Section 2.4.2: The analytical laboratory must be capable of achieving a minimum detection limit of $1.0 \mu\text{g}/\text{m}^3$ for volatile organic compounds (VOCs) in soil vapor. For indoor air samples, the laboratory must be able to achieve a minimum detection of $0.25 \mu\text{g}/\text{m}^3$ for trichloroethene and $1.0 \mu\text{g}/\text{m}^3$ for all other VOCs in the EPA Method TO-15 analysis.

Please incorporate these revisions into the work plan and re-submit four copies for the NYSDEC's approval and distribution. If you should have any questions, please feel free to contact me at (631) 444-0246.

Sincerely,



Jamie Ascher
Engineering Geologist

cc: W. Parish
B. Callaghan
S. McLelland
J. DeFranco