



**GENESIS ENGINEERING & REDEVELOPMENT**

January 14, 2013

VIA ELECTRONIC MAIL

Mr. Hasan Ahmed  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
47-40 21<sup>st</sup> Street  
Long Island City, New York 11101

Subject: Work Plan Addendum  
Best-DDK Cleaners  
38-68 13<sup>th</sup> Street, Long Island City, New York  
Site Number 241126

Dear Mr. Ahmed:

This letter constitutes an Addendum to the Genesis Engineering and Redevelopment (“GE&R”) December 21, 2011 *Site Characterization Work Plan* (“Work Plan”). The Work Plan and all associated attachments and appendices are incorporated by reference into this Work Plan Addendum. This Work Plan Addendum was developed based on information in the following documents and discussions:

1. The May 12, 2012 Site meeting between the New York State Department of Environmental Conservation (“NYSDEC”) and GE&R;
2. The July 9, 2012 NYSDEC letter to Ms. Maryuhn Moon, which provided comments on the March 9, 2012 Site Characterization Report;
3. The July 12 and 13, 2012 telephone conversations between Kenneth Wenz and Hasan Ahmed;
4. The August 30, 2012 Work Plan Addendum;
5. The September 21, 2012 electronic mail from Hasan Ahmed to Kenneth Wenz ;
6. The September 28, 2012 Work Plan Addendum; and
7. The November 20, 2012 NYSDEC letter to Ms. Maryuhn Moon, which provided comments on the September 28, 2012 Work Plan Addendum.

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### **Addendum Work Scope**

The following work scope has been developed to address the NYSDEC requirements for additional sampling:

1. **Evaluate the presence of volatile organic compound impacts to the shallow below the building in the area of the dry cleaning machines.** Continuous sub-slab soil sampling at four interior locations surrounding the dry cleaning equipment (and near the areas of previously-identified high volatile organic compound (“VOC”) concentrations) within the Site building. These samples will be collected using hand-operated equipment; because of the restricted access within the building interior. Two soil samples from each boring will be submitted for laboratory analysis of VOC. The samples will be selected from (i) the “worst-case” 6-inch depth horizon (based on field observations and screening results) and (ii) the deepest 6-inch depth horizon sampled. If no field indications of soil impacts are identified, then samples from the shallowest and deepest 6-inch depth horizons will be submitted for analysis.
2. **Evaluate whether the sewer line from the building has leaked VOC to groundwater.** Continuous subsurface soil sampling to groundwater (using direct push technology) at one location in the sidewalk in front of the Site, along the sanitary sewer line from the Site building to the sewer main along 13<sup>th</sup> Street. Two soil samples will be collected for laboratory analysis from this boring (one from the 6-inch interval immediately below the sewer line and one from the 6-inch interval immediately above groundwater). In addition, one shallow groundwater sample will be collected at this location for laboratory analysis of VOC.
3. **Evaluate upgradient concentrations of VOC in shallow groundwater.** Shallow groundwater sampling at one location in the sidewalk on the opposite side of 13<sup>th</sup> Street from the Site (upgradient of the Site and the sanitary sewer main beneath 13<sup>th</sup> Street). This sample will be collected using direct push technology, and analyzed for VOC.

All sample collection, sample handling and analysis, data validation, and reporting procedures will be conducted in accordance with the NYSDEC-approved December 21, 2011 *Site Characterization Work Plan*.

Regarding the interior sub-surface borings, as we discussed during the Site meeting on May 24, 2012, because of the depth limitations of the hand-operated soil sampling equipment and the inability to prevent collapse of the borehole below the water table, if groundwater is

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encountered, it is unlikely that collection of groundwater samples will be possible. However, a groundwater sample will be collected if feasible. The field conditions will be noted in the field log.

It is assumed that NYSDEC staff will be available in a timely manner after approval of this Work Plan Addendum, for a Site meeting to provide concurrence with the selected sample locations, prior to implementation of the sampling program.

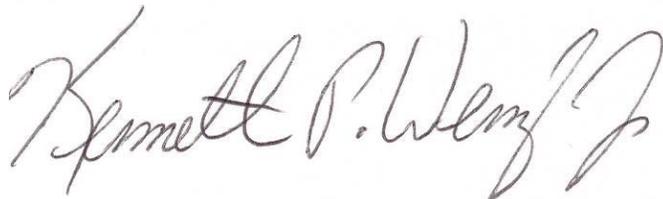
Although soil vapor, indoor air, and ambient air sampling at properties adjacent to the Site were previously discussed, implementing these activities will be evaluated after the results from the scope of work proposed above have been evaluated, and an assessment has been made of whether the Site is a significant contributor to the groundwater impacts that were previously detected in the Site vicinity.

#### **Certification**

I, Kenneth P. Wenz, Jr., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Site Characterization Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

If you have any questions or require any additional information, please contact me by telephone at (718) 841-7544 or via email at [kwenz@gercorp.com](mailto:kwenz@gercorp.com).

Respectfully submitted,  
**Genesis Engineering & Redevelopment, Inc.**



Kenneth P. Wenz, Jr., CPG  
Senior Project Manager

cc: Jae and Maryuhn Moon  
Jane O'Connell, NYSDEC