

Application Item 1 - Generator/Project Information

37-26 30th Street LLC
Brownfield Cleanup Program Site No. C241214
37-24/28 30th Street, Long Island City, New York

Application Item 2 - Client Information/Import Volume Approval for:

37-26 30th Street, LLC
1836 Gilford Ave, New Hyde Park, New York

Reviewed Data/Information

This approval is based upon the information provided on the applications, the data provided in the following documents submitted with the application, and the additional data provided by the client.

Sampling Report:

- GEI Consultants, Inc.-Interim Remedial Measure Work Plan-37-24 through 37-28 30th Street Long Island City, New York

Laboratory Report:

- Test America Laboratories Reports 460-174218-1, 460-174319-1, and 460-174033-1
- York Analytical Laboratories Report 20I0269

Sample IDs:

- SB-1 (0-5, 5-10, 10-15, 15-20, 20-25), SB-2 (0-5, 5-10, 10-15, 15-20, 20-25), SB-3 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-4 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-5 (0-5, 5-10, 10-15, 15-20, 20-25), SB-6 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-7 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-8 (0-5, 5-10, 10-15, 15-20, 20-25), SB-9 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-10 (0-5, 5-10, 10-15, 15-20, 20-25), SB-11 (0-5, 5-10, 10-15, 15-20, 20-25), and SB-12 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30)

Samples Approved for the Clean Soil Bin/PME:

- SB-1 (0-5, 5-10, 10-15, 15-20, 20-25), SB-2 (0-5, 5-10, 10-15, 15-20, 20-25), SB-3 (10-15, 15-20, 20-25, 25-30), SB-4 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-5 (0-5, 5-10, 10-15, 15-20, 20-25), SB-6 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-7 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-8 (0-5, 5-10, 10-15, 15-20, 20-25), SB-9 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30), SB-10 (0-5, 5-10, 10-15, 15-20, 20-25), SB-11 (5-10, 10-15, 15-20, 20-25), and SB-12 (0-5, 5-10, 10-15, 15-20, 20-25, 25-30)

Sampling/Drawing Plan:

- GEI Consultants Inc-Figure 4 Proposed Investigation Sampling Locations

Additional Information:

- GEI Soil Boring Logs-30th Street Redevelopment Site

Reviewed Summary:

37-26 30th Street LLC is proposing to import 15,000 tons of soil to Posillico Materials NYSDEC 360 Permitted Wash Plant Facility in Farmingdale, Permit No. 1-4720-00695 (herein referred to as the "Wash Plant") and/or to the NYSDEC Registered 360 Facility, Registration No. 52W41R, Posillico Materials East in Holtsville New York (herein referred to as the "PME"). The Wash Plant can accept soils meeting NYSDEC Part 360 General Fill Requirements, identified as "Clean", soils failing NYSDEC Part 360 General Fill Requirements, identified as

Civil | Materials | Environmental | Paving | Drilling | Utilities | Consulting | Development

"Contaminated", and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS). PME can accept soils meeting NYSDEC Part 360 General Fill Requirements, identified as "Clean", and Recognizable Uncontaminated Concrete, Asphalt, Rock, Brick and Soil (RUCARBS)

The soil proposed for the Wash Plant/PME will be originating from a site with former dry cleaning and auto repair operations, currently enrolled in the Brownfields Cleanup Program, Site No. C241214, located at 37-26 and 37-28 30th Street Long Island City New York (herein referred to as the "Site"). According to a GEI Consultants, Inc., Interim Remedial Measure Work Plan (IRMWP), a subsurface investigation was conducted at the Site in February and March 2019 to assess the subsurface soil, groundwater and soil vapor conditions. Based on historical activities and operations on the Site, tetrachloroethylene and trichloroethylene was considered tentative Contaminants of Concern (COC). A total of twelve soil borings, identified as SB-1 to SB-12, were advanced throughout the 16,000 square foot Site from grade to 30 ft below grade surface (bgs). Soil samples were collected and composited from every 5 ft interval, i.e. 0-5 ft, 5-10 ft, 10- 15 ft, 15-20 ft, 20-25 ft, and some as deep as 25-30 ft and designated with the soil boring location identifier and the depth interval, i.e. SB-1 (0-5), SB-1 (5-10), SB-1 (10-15), etc. Analysis of the soil samples included, Volatile Organic Compounds (VOCs), Semi-volatile Organic Compounds (SVOCs), PCBs, Pesticides, Metals, and Extractable Petroleum Hydrocarbons (EPH). According to the IRMWP results, the COC were detected in the groundwater and the soil vapor but found below detectable limits in the soils. Non COC analytes were metals in the surface soils, indicative of historic fill.

Posillico Materials reviewed the analytical results of the IRMWP and came to the same conclusions as GEI Consultants, Inc., that the COC were not detected in the soils at concentrations above any regulatory standards and that the exceedances in the soil were limited to chromium detected over 6 NYCRR Part 360.13(f) General Fill requirements within a few samples in the 0-10 ft depth interval. However, to be considered for acceptance in the Wash Plant, additional analysis of cyanide and hexavalent chromium were required. Fourteen additional samples were collected from throughout the Site and analyzed for cyanide and hexavalent chromium. According to the results, cyanide and hexavalent chromium was found to meet 6 NYCRR Part 360.13(f) General Fill requirements.

Based on the original and supplemental results, only three samples, SB-3 (0-5), SB-3 (5-10), and SB-11 (0-5), were found to fail 6 NYCRR Part 360.13(f) General Fill requirements, for exceedances in chromium. Soils failing to meet 6 NYCRR Part 360.13(f) General Fill requirements are to be placed in the Contaminated Soil Bin at the Wash Plant. As for the majority of the soils that were found to meet 6 NYCRR Part 360.13(f) General Fill requirements, they are approved for import and placement in the Clean Soil Bin at the Wash Plant and/or at the 360 Facility PME. Table I below lists the samples meeting and not meeting 6 NYCRR Part 360.13(f) General Fill requirements and which soil bin they are assigned to.

Table I
Clean vs Contaminated Soil Samples

| Sample | 360 Gen Fill | Soil Bin | Sample | 360 Gen Fill | Soil Bin | Sample | 360 Gen Fill | Soil Bin |
|--------------|--------------|--------------|--------------|--------------|----------|---------------|--------------|----------|
| SB-1 (0-5) | PASS | Clean | SB-5 (0-5) | PASS | Clean | SB-9 (0-5) | PASS | Clean |
| SB-1 (5-10) | PASS | Clean | SB-5 (5-10) | PASS | Clean | SB-9 (5-10) | PASS | Clean |
| SB-1 (10-15) | PASS | Clean | SB-5 (10-15) | PASS | Clean | SB-9 (10-15) | PASS | Clean |
| SB-1 (15-20) | PASS | Clean | SB-5 (15-20) | PASS | Clean | SB-9 (15-20) | PASS | Clean |
| SB-1 (20-25) | PASS | Clean | SB-5 (20-25) | PASS | Clean | SB-9 (20-25) | PASS | Clean |
| SB-2 (0-5) | PASS | Clean | SB-6 (0-5) | PASS | Clean | SB-9 (25-30) | PASS | Clean |
| SB-2 (5-10) | PASS | Clean | SB-6 (5-10) | PASS | Clean | SB-10 (0-5) | PASS | Clean |
| SB-2 (10-15) | PASS | Clean | SB-6 (10-15) | PASS | Clean | SB-10 (5-10) | PASS | Clean |
| SB-2 (15-20) | PASS | Clean | SB-6 (15-20) | PASS | Clean | SB-10 (10-15) | PASS | Clean |
| SB-2 (20-25) | PASS | Clean | SB-6 (20-25) | PASS | Clean | SB-10 (15-20) | PASS | Clean |
| SB-3 (0-5) | FAIL | Contaminated | SB-6 (25-30) | PASS | Clean | SB-10 (20-25) | PASS | Clean |



Posillico Materials Approval Form

Approval No.: 20139G

| | | | | | | | | |
|--------------|------|--------------|--------------|------|-------|---------------|------|--------------|
| SB-3 (5-10) | FAIL | Contaminated | SB-7 (0-5) | PASS | Clean | SB-11 (0-5) | FAIL | Contaminated |
| SB-3 (10-15) | PASS | Clean | SB-7 (5-10) | PASS | Clean | SB-11 (5-10) | PASS | Clean |
| SB-3 (15-20) | PASS | Clean | SB-7 (10-15) | PASS | Clean | SB-11 (10-15) | PASS | Clean |
| SB-3 (20-25) | PASS | Clean | SB-7 (15-20) | PASS | Clean | SB-11 (15-20) | PASS | Clean |
| SB-3 (25-30) | PASS | Clean | SB-7 (20-25) | PASS | Clean | SB-11 (20-25) | PASS | Clean |
| SB-4 (0-5) | PASS | Clean | SB-7 (25-30) | PASS | Clean | SB-12 (0-5) | PASS | Clean |
| SB-4 (5-10) | PASS | Clean | SB-8 (0-5) | PASS | Clean | SB-12 (5-10) | PASS | Clean |
| SB-4 (10-15) | PASS | Clean | SB-8 (5-10) | PASS | Clean | SB-12 (10-15) | PASS | Clean |
| SB-4 (15-20) | PASS | Clean | SB-8 (10-15) | PASS | Clean | SB-12 (15-20) | PASS | Clean |
| SB-4 (20-25) | PASS | Clean | SB-8 (15-20) | PASS | Clean | SB-12 (20-25) | PASS | Clean |
| SB-4 (25-30) | PASS | Clean | SB-8 (20-25) | PASS | Clean | SB-12 (25-30) | PASS | Clean |

Clean Soil Bin:

Based on the above referenced data, up to **14,130 tons** of the proposed soil is to be approved for placement within the Clean Soil Bin at Posillico Materials Wash Plant in Farmingdale and/or placement at PME, the 360 Facility in Holtsville. Soils commensurate with composite and grab samples listed above representing the material in waste characterization samples listed above in Table I. The material is approved only for the areas and depths listed above. No other material is to come to the Wash Plant. See Posillico Materials Soil Acceptance Plan attached.

Contaminated Soil Bin:

For soils approved for the Contaminated Soil Bin, See Approval Form 20140C. Import of soils for the Contaminated Soil Bin must use Approval No. 20140C.

Additional Requirements:

- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- Please note that all material must be shipped using a NYSDEC Part 360 tracking document. Although not required by the new Part 360 regulations for soil meeting General Fill Requirements, it is recommended to do so. Contaminated soil must use the NYSDEC Part 360 tracking form. All General Fill should be noted on that form.
- Contaminated Soil must also be shipped in a truck with a valid Part 364 permit registered with the NYSDEC.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.

Please contact me if you have any questions.

Albert Kim
Environmental Engineer

Date: 09/14/2020

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Samples Approved for the Contaminated Soil Bin:

- SB-3 (0-5), SB-3 (5-10), and SB-11 (0-5)

Sampling/Drawing Plan:

- GEI Consultants Inc-Figure 4 Proposed Investigation Sampling Locations

Additional Information:

- GEI Soil Boring Logs-30th Street Redevelopment Site

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Table I
Clean vs Contaminated Soil Samples

| Sample | 360 Gen Fill | Soil Bin | Sample | 360 Gen Fill | Soil Bin | Sample | 360 Gen Fill | Soil Bin |
|--------------|--------------|--------------|--------------|--------------|----------|---------------|--------------|--------------|
| SB-1 (0-5) | PASS | Clean | SB-5 (0-5) | PASS | Clean | SB-9 (0-5) | PASS | Clean |
| SB-1 (5-10) | PASS | Clean | SB-5 (5-10) | PASS | Clean | SB-9 (5-10) | PASS | Clean |
| SB-1 (10-15) | PASS | Clean | SB-5 (10-15) | PASS | Clean | SB-9 (10-15) | PASS | Clean |
| SB-1 (15-20) | PASS | Clean | SB-5 (15-20) | PASS | Clean | SB-9 (15-20) | PASS | Clean |
| SB-1 (20-25) | PASS | Clean | SB-5 (20-25) | PASS | Clean | SB-9 (20-25) | PASS | Clean |
| SB-2 (0-5) | PASS | Clean | SB-6 (0-5) | PASS | Clean | SB-9 (25-30) | PASS | Clean |
| SB-2 (5-10) | PASS | Clean | SB-6 (5-10) | PASS | Clean | SB-10 (0-5) | PASS | Clean |
| SB-2 (10-15) | PASS | Clean | SB-6 (10-15) | PASS | Clean | SB-10 (5-10) | PASS | Clean |
| SB-2 (15-20) | PASS | Clean | SB-6 (15-20) | PASS | Clean | SB-10 (10-15) | PASS | Clean |
| SB-2 (20-25) | PASS | Clean | SB-6 (20-25) | PASS | Clean | SB-10 (15-20) | PASS | Clean |
| SB-3 (0-5) | FAIL | Contaminated | SB-6 (25-30) | PASS | Clean | SB-10 (20-25) | PASS | Clean |
| SB-3 (5-10) | FAIL | Contaminated | SB-7 (0-5) | PASS | Clean | SB-11 (0-5) | FAIL | Contaminated |
| SB-3 (10-15) | PASS | Clean | SB-7 (5-10) | PASS | Clean | SB-11 (5-10) | PASS | Clean |
| SB-3 (15-20) | PASS | Clean | SB-7 (10-15) | PASS | Clean | SB-11 (10-15) | PASS | Clean |
| SB-3 (20-25) | PASS | Clean | SB-7 (15-20) | PASS | Clean | SB-11 (15-20) | PASS | Clean |
| SB-3 (25-30) | PASS | Clean | SB-7 (20-25) | PASS | Clean | SB-11 (20-25) | PASS | Clean |
| SB-4 (0-5) | PASS | Clean | SB-7 (25-30) | PASS | Clean | SB-12 (0-5) | PASS | Clean |



Posillico Materials Approval Form

Approval No.: 20140C

| | | | | | | | | |
|--------------|------|-------|--------------|------|-------|---------------|------|-------|
| SB-4 (5-10) | PASS | Clean | SB-8 (0-5) | PASS | Clean | SB-12 (5-10) | PASS | Clean |
| SB-4 (10-15) | PASS | Clean | SB-8 (5-10) | PASS | Clean | SB-12 (10-15) | PASS | Clean |
| SB-4 (15-20) | PASS | Clean | SB-8 (10-15) | PASS | Clean | SB-12 (15-20) | PASS | Clean |
| SB-4 (20-25) | PASS | Clean | SB-8 (15-20) | PASS | Clean | SB-12 (20-25) | PASS | Clean |
| SB-4 (25-30) | PASS | Clean | SB-8 (20-25) | PASS | Clean | SB-12 (25-30) | PASS | Clean |

Contaminated Soil Bin:

Based on the above referenced data, up to **870 tons** of the proposed soil, represented by samples SB-3 (0-5), SB-3 (5-10), and SB-11 (0-5) are to be approved for placement within the Contaminated Soil Bin at Posillico Materials Wash Plant in Farmingdale. Soils commensurate with composite and grab samples listed above in Table I. See attached Posillico Materials Soil Acceptance Plan.

Clean Soil Bin:

For soils approved for the Clean Soil Bin/PME, See Approval Form 20139G. Import of soils for the Clean Soil Bin/PME must use Approval No. 20139G.

Additional Requirements:

- Posillico Materials reserves the right to perform QA/QC sampling during the import of this material.
- Please note that all material must be shipped using a NYSDEC Part 360 tracking document. Although not required by the new Part 360 regulations for soil meeting General Fill Requirements, it is recommended to do so. Contaminated soil must use the NYSDEC Part 360 tracking form. All General Fill should be noted on that form.
- Contaminated Soil must also be shipped in a truck with a valid Part 364 permit registered with the NYSDEC.
- If any deleterious material (asbestos, wood, plastic, organics and general garbage) is encountered or identified, the load will be rejected at the gate or a surcharge will be applied.
- If standing liquid is encountered or identified in the truck, the load will be rejected at the gate or a surcharge will be applied.

The applicant warrants that the material proposed for shipment is in fact, the same material which was tested and is represented by the sample results provided with this application. All deliveries **must** be scheduled in advance all material will be weighed on scales.



Please contact me if you have any questions.

Albert Kim
Environmental Engineer

Date: 09/14/2020

Depth Interval: 0-5'

Key

-  Area approved for the Contaminated Soil Bin
-  Area approved for the Clean Soil Bin/PME

Modified by Posillico Materials on
09/14/2020

