



January 24, 2020

Reference No. 11119593

Eugene Melnyk, PE
Remediation Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

Original Sent Via Email

Dear Mr. Melnyk:

**Re: Scope of Work
Soil Vapor Intrusion Survey**

On behalf of Jenesis Development, LLC (Jenesis), GHD Services Inc. (GHD) is pleased to submit this revised Scope of Work (SOW) to the New York State Department of Environmental Conservation (NYSDEC) to complete a limited Soil Vapor Intrusion (SVI) Survey to evaluate off-site soil vapor and indoor air conditions for the 1130 Niagara Street site (Site). This survey will be performed by Jenesis, a Volunteer under the Brownfield Cleanup Program, to support the NYSDEC's separate efforts to assess potential off-site impacts from the Site.

1. Scope of Work

The SOW consists of the following tasks:

1.1 Site Work Plan and Site-specific Health and Safety Plan

GHD will prepare a Site Work Plan for submission to the NYSDEC and the New York State Department of Health (NYSDOH) for review and approval. GHD considered the results from the previously conducted Remedial Investigation/Alternatives Analysis/Interim Remedial Measures Report (GHD, 2017) in designing the proposed field efforts. GHD is an ISO 9001:2015 certified company and as such the environmental samples will be collected under GHD's Standard Operating Procedures (SOPs) for field sample collection and handling.

1.2 SVI Sampling

SVI sampling will be performed in accordance with NYSDEC DER 10, Technical Guidance for Site Investigation and Remediation and NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006). SVI sampling will consist of:

1. Sub-slab soil vapor and indoor air samples inside the selected off-site buildings
2. Outdoor ambient air



All samples will be tested for volatile organic compounds (VOCs) using USEPA Method TO-15. A GHD environmental scientist and technician will perform the installation of sub-slab sample points and collect sub-slab soil vapor, indoor air, and outdoor ambient air samples as described below. The anticipated sampling locations are presented on Figure 1 (attached).

The final sampling locations will be dependent on building layouts, access and utility locations. It is anticipated that Jenesis will obtain all necessary property access agreements. If property access is not granted on one or more off-site properties, GHD will sample properties with access agreements, and propose an alternative sampling plan to the NYSDEC/NYSDOH. Interior/exterior locations will be measured from building exterior walls.

1.3 Summary Report

Upon receipt of all laboratory data, GHD will prepare a Technical Memorandum outlining the activities completed and the laboratory results.

2. Proposed SVI Location

1. 1150 Niagara Street: Three sub-slab and three indoor air samples at locations previously sampled at 1150 Niagara Street, as shown on Figure 1.
2. 1114 Niagara Street: Six sub-slab and three indoor air samples at locations shown on Figure 1.
3. 1106/1110/1112 Niagara Street: Three sub-slab and three indoor air samples at locations shown on Figure 1.
4. 1115 Niagara Street: Three sub-slab and three indoor air samples at locations shown on Figure 1.
5. Two ambient air samples (one on the east side and one on the west side of Niagara Street [actual locations will be dependent on wind direction on the day of sample collection]); and three field duplicate samples will also be collected during this sampling program.

Should property access not be granted for any of the above off-site properties, GHD will propose an alternative sampling program for NYSDEC/NYSDOH consideration.

3. Schedule

GHD is prepared to commence field work on or around February 27, 2020, before the heating season has ended and subject to air sample container availability, underground locator availability, and access to the properties. A standard turnaround time of 15 business days has been requested for laboratory data. The draft Technical Memorandum will be submitted to Jenesis within 3 weeks after receipt of the analytical data, and a final memorandum submitted to the NYSDEC 3 weeks thereafter.



Please do not hesitate to call if you have any questions regarding the above scope of work.

Sincerely,

GHD

A handwritten signature in dark ink, appearing to read "Christopher P. Martin", followed by a long, horizontal, slightly wavy line that extends to the right.

Christopher P. Martin, PE
Principal

CPM/jac/5

Attachment

cc: Ms. Katherine Galanti – GHD, w/attachment
Filing: Corr.



JENESIS DEVELOPMENT LLC.
1130 NIAGARA STREET
SITE - C915284

**PROPOSED SOIL VAPOR
INTERIM SURVEY**

Project No. 11119593
Report No.
Date AUG 28, 2019

FIGURE 1