



*Sent via E-mail*

August 14, 2013

Mr. Christopher Mannes, III, P.E.  
Project Manager  
NYSDEC - Region 7  
615 Erie Boulevard West  
Syracuse, NY 13204

Re: Background Soil Sampling Work Plan  
Celi Drive BCP Site  
Dewitt, New York  
NYSDEC BCP Site #C734108  
GHD No. 37-11082

Dear Mr. Mannes:

GHD Consulting Services Inc. (GHD) is submitting this Work Plan on behalf of GSP Holdings, Inc. (GSP). This Work Plan proposes background soil sample collection activities related to the Celi Drive Brownfield Cleanup Program (BCP) Site (BCP Site #C734108), herein referred to as the Site.

In response to the New York State Department of Environmental Conservation (NYSDEC) letter dated June 12, 2013, GHD identified five (5) locations that appear similar in character to the Bridge Street Swale (i.e., AOC-4 of the Site), shown on Figure 1. We propose taking and analyzing soil samples from these five (5) areas to obtain background reference values for comparison with documentation soil sample results taken as part of the AOC-4 Emergency Remedial Action. The proposed background soil sample locations are shown on Figure 1. The exact locations will be field determined based on field conditions and access.

### **Soil Sampling**

Three (3) soil samples will be taken from each of the five (5) sample locations (15 soil samples total). Soil sample intervals will be generally consistent with previous on-site investigation efforts and will be in conformance with NYSDEC's *Technical Guidance for Site Investigation and Remediation – DER-10* (NYSDEC, May 3, 2010). The sample intervals will include: one (1) from the 0 to 6-inch interval; one (1) from the 12- to 14-inch interval; and one (1) from the 22- to 24-inch interval. Soil samples will be taken using a hand auger, or similar hand tools.

In addition to the 15 soil samples, three (3) quality assurance/quality control (i.e., duplicate, matrix spike, and matrix spike duplicate) samples will also be taken. All of the samples will be sent to a New York State accredited laboratory to be analyzed for chromium (total and hexavalent), copper, cyanide, and nickel. The background soil sample locations will be flagged and photographed, but will not be surveyed.



## **Access**

The proposed background soil sample locations are on lands owned by the New York State Department of Transportation and Onondaga County. The property owners will be contacted; the required permits, if any, will be obtained; and utilities will be located prior to initiating sample collection. If access to the proposed locations cannot be obtained, the proposed location will be moved to the nearest area where access can be obtained and appears similar in character. The exact locations of background soil samples will be field determined based on field conditions.

## **Reporting**

A letter report summarizing soil sampling activities, results, and findings will be prepared by GHD and submitted to the NYSDEC for review and comment. The letter report will include figures (i.e., aerial photographs) depicting the approximate background soil sample locations, photographs of each sample location, data summary tables comparing data to the applicable Soil Cleanup Objectives (SCOs), and the laboratory analytical report.

Please contact me at (315) 679-5837 if you have any questions or concerns.

Sincerely,

GHD CONSULTING SERVICES INC.

A handwritten signature in blue ink, appearing to read 'Donald S. Sorbello', with a horizontal line extending to the right.

Donald S. Sorbello  
Project Manager

DSS/IEM/jfs  
Enclosure: Figure 1 - Proposed Background Soil Sample Locations



**LEGEND:**

- PROPOSED BACKGROUND SOIL SAMPLE LOCATION (APPROXIMATE)

**LOCATION INFORMATION:**

- A - Tax ID 010.-08-03.1 - Owned by County of Onondaga DPW for Drainage and Sanitation
- B - Tax ID 009.-01-01.1 - Owned by County of Onondaga for Floor Control
- C - State of NY for Highway Purposes, No Tax ID, Town of Dewitt Tax Map 53.00
- D - State of NY for Highway Purposes, No Tax ID, Town of Dewitt Tax Map 53.00
- E - State of NY for Highway Purposes, No Tax ID, Town of Dewitt Tax Map 53.00

NOT TO SCALE



NOTES:  
 1. AERIAL PHOTOGRAPHS ARE 2012 HALF FOOT 4 BAND CENTRAL ZONE INDEX FROM THE NYSGIS CLEARINGHOUSE WEBSITE: <http://gis.ny.gov/>  
 2. PROPOSED BACKGROUND SOIL SAMPLE LOCATIONS ARE APPROXIMATE AND MAY CHANGE BASED ON ACCESS ISSUES AND SITE CONDITIONS.



GSP Holdings, Inc.  
 Celi Drive BCP Site  
 BCP Site #C734108  
**Proposed Background Soil  
 Sample Locations**

Job Number	37-11082
Revision	A
Date	08.02.2013

**Figure 1**