



**Study Area Pre-Design Investigation Work Plan
Addendum Number 2
Additional Field Investigation Activities**

Site Name and Location:	Study Area, Corning, NY
Order on Consent and Administrative Settlement:	NYSDEC Project ID 851046
Corning Incorporated Project Coordinator:	Mike Ford
NYSDEC Project Coordinator:	Kelly Cloyd
Approval Date:	November 2, 2018

Introduction

Weston Solutions, Inc. (WESTON®), on behalf of Corning Incorporated, has prepared this Pre-Design Investigation Work Plan Addendum Number 2 (PDI Work Plan Addendum 2) for additional field investigation activities within the Study Area¹ to supplement the New York State Department of Environmental Conservation (NYSDEC) approved Pre-Design Investigation Work Plan (PDI Work Plan; January 2018) and the NYSDEC-approved Pre-Design Investigation Work Plan Addendum Number 1 (PDI Work Plan Addendum 1; May 2018). The PDI Work Plan is being implemented pursuant to the Order on Consent and Administrative Settlement between NYSDEC and Corning Incorporated (December 2017 Order on Consent).

The additional field investigation activities are being conducted at the request of the NYSDEC to gather additional data to assist in defining the extent of Subject Material², and support remedial design.

Based on the analytical results of samples at properties listed in Table 1, and/or adjacent properties, NYSDEC is requiring additional sampling at certain properties listed in Table 1 in accordance with the PDI Work Plan. As noted in Table 1, NYSDEC does not require additional sampling of certain other properties identified in Table 1.

The planned sampling described in this PDI Work Plan Addendum 2 will be collected for characterization purposes and final endpoint confirmation purposes, and samples collected will be analyzed by a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory, in accordance with the Quality Assurance Project Plan (QAPP) provided in Appendix C of the PDI Work Plan.

¹ The Study Area is bound by the Chemung River to the south; Post Creek and Interstate 86 to the east and north; and the Guthrie Medical Center, the City of Corning Fire Department, and Centerway to the west.

² Subject Material as defined in the PDI Work Plan (WESTON; January 2018).



**Study Area Pre-Design Investigation Work Plan
Addendum Number 2
Additional Field Investigation Activities
Study Area, Corning, NY
NYSDEC Project ID 851046
(continued)**

Due to the confidential nature of sample collection on private properties, no sampling location maps are included in this PDI Work Plan Addendum 2. The additional investigation activities are described in tabular form in Table 1. Individual properties are identified by property codes, and sampling locations are described using property features and/or previous sampling locations.

The types of sampling planned in this PDI Work Plan Addendum 2 are described in the PDI Work Plan, and the sampling category listed in Table 1 is defined in the PDI Work Plan. The sampling category dictates both the type of sample to be collected and additional steps to be taken based on field observations (e.g., if step-out borings are necessary).

Sampling activities will be performed using the methods and procedures described in Section 4 and Appendix D (Standard Operating Procedures) of the PDI Work Plan. Samples will be analyzed for the constituents indicated on Table 1 using the methodologies described in Section 4 and Appendix C (QAPP) of the PDI Work Plan.

Schedule

It is anticipated that the additional investigation activities contained in this document will be performed in the fall of 2018. The additional investigation activities described in this document will be performed based on approval from NYSDEC of Addendum Number 2 and receipt of written consent to access from the property owners.

A handwritten signature in black ink, appearing to read "John Sontag, Jr.", written over a horizontal line.

John Sontag, Jr.
Client Services Manager



Table 1
Pre-Design Investigation Addendum 2 Sample Summary

OU	Property	Sample Type	Number/ Type	Location	Depth	Sample Interval(s)	Analytics	Notes
OU1	RES007	Category D	2 SB	East and Southeast of house along property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES009	Category D	2 SB	Northwest and west of house along property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES025	Category D	1 SB	Northeast corner along property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES035	Category D	1 SB	Between RES035SB012 and RES035SB009	2 ft bgs	2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES045	-	-	-	-	-	-	No additional sampling required by NYSDEC
OU1	RES059	-	-	-	-	-	-	No additional sampling required by NYSDEC
OU1	RES060	-	-	-	-	-	-	No additional sampling required by NYSDEC
OU1	RES064	Category D	2 SB	Eastern property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES192	-	-	-	-	-	-	No additional sampling required by NYSDEC
OU1	RES199	-	-	-	-	-	-	No additional sampling required by NYSDEC
OU1	RES200	Category D	2 SS	West property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES214	Category D	1 SB	Northwest property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	2 SS	Southeast property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES220	Category D	2 SB	West property line	15 ft bgs	0-2", 2-24" and native	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA107	Category D	1 SS	Northeast corner along property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
P: (585) 226-5353 | F: (585) 226-8139
www.dec.ny.gov

October 10, 2018

Mr. Michael Ford, P.E.
Corning Incorporated
HP-ME-03-83
Corning, New York 14831

Dear Mr. Ford:

Subject: Draft Study Area Pre-Design Investigation Work Plan Residential Areas (OU1, 2, and 5) Addendum 2, submitted October 4, 2018, Corning Study Area, Site ID No. 851046, City of Corning, Steuben County

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), has reviewed the above-referenced Work Plan dated October 3, 2018. The Work Plan is hereby approved with the following clarifications:

The work should include the sampling at 11 Simms Avenue requested by the Department in my September 28, 2018 e-mail.

During our September 25, 2018 conference call, Corning Incorporated representatives indicated that an addendum to the PDI Work Plan was not needed to address the work included in the Work Plan. When the Work Plan was submitted on October 4, the e-mail to which it was attached included a request for approval on October 5, 2018, and implied without that next-day approval, completion of the work this field season is in jeopardy. Please be advised, a one-day turnaround on any document is an unrealistic expectation. Further, as we have previously stated, the Department has experience conducting this type of sampling during extreme winter weather. The Department is confident that Corning Incorporated can still complete this work without delaying until next spring.

Please ensure that Ms. Melissa Doroski, the New York State Department of Health, Project Manager, is copied on all future submittals.

Please provide a finalized version of the Work Plan for posting on the Department's public website. Please place the Plan, along with this letter, in the local document repository. If you have any questions concerning the technical aspects of this matter, please contact me at 585-226-5351 or via e-mail at kelly.cloyd@dec.ny.gov .

Sincerely,

Kelly C. Cloyd, Ph.D.
Engineering Geologist 2

Ec: M. Barber
B. Conlon
M. Cruden
J. Deming
M. Doroski
K. Douglas
S. Foti
B. Schilling
J. Sontag
S. Williams