



**Study Area Remedial Action Work Plan
Addendum Number 1
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:	June 3, 2019

Introduction

Weston Solutions, Inc. (WESTON®), on behalf of Corning Incorporated, has prepared this Remedial Action Work Plan Addendum Number 1 (RAWP Addendum 1) for additional field investigation activities within the Study Area¹ to supplement the New York State Department of Environmental Conservation (NYSDEC) approved Remedial Action Work Plan, Residential Areas (OU1, OU2 and OU5) (RAWP; April 2018). The RAWP is being implemented in the Residential Areas of the Study Area 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 collected to date at properties listed in Table 1, and/or adjacent properties, NYSDEC is requiring the additional sampling identified in Table 1.

The planned sampling described in this RAWP Addendum 1 will be collected for 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 NYSDEC-approved Pre-Design Investigation Work Plan (PDI Work Plan; January 2018).

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).



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(continued)**

Due to the confidential nature of sample collection on private properties, no sampling location maps are included in this RAWP Addendum 1. 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 RAWP Addendum 1 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). Additionally, at the request of NYSDEC, garden endpoint samples will be collected at select locations. These samples will be collected in a manner consistent with the Category B endpoint samples (see PDI Work Plan) and consist of two soil samples per boring: one from the soil at 0 to 2 inches below ground surface (bgs) and one from the soil at 2 inches to 2 feet bgs.

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 spring of 2019. The additional investigation activities described in this document will be performed based on approval from NYSDEC of this RAWP Addendum Number 1 and receipt of written consent to access from the property owners for work under the RAWP.

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

John Sontag, Jr., P.E.
Sr. Project Manager



Table 1
Sample Summary

OU	Property	Sample Type	Number/ Type	Location	Depth	Sample Interval(s)	Analytics	Notes
OU1	RES057	Category D	1 SB	Southern property line in the backyard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES058	Category D	1 SS	Southern property line in the side yard	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES079	Category D	2 SS	Northern property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES080	Category D	1 SB	Northern property line in front yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	ROW	Category D	1 SB	Between property RES080 and RES056 in city ROW	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES081	Category D	2 SB	Southern property line in back yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES084	Category D	2 SB	Western property line in backyard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES088	Category D	2 SB	Along northern property line in side yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	2 SB	Along southern property line in backyard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES091	Category D	1 SB	Front yard along north property line	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	3 SS	North and east property line in backyard	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	7 GS	Garden Areas	1 ft bgs	0-12"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	ROW	Category D	1 SB	Between property RES091 and RES055 in city ROW	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES110	Category D	2 SB	Eastern property line	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES119	Category D	2 SS	Western property line in front yard	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	7 GS	Garden Area	1 ft bgs	0-12"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES128	Category D	1 SB	Western property line in front yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	ROW	Category D	1 SB	Between property RES003 and RES128 in city ROW	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES137	Category D	3 SS	Eastern property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU1	RES214	Category D	1 SS	Eastern property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	1 SB	Western property line	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA011	Category D	1 SB	Front yard north of 011-S1	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	1 SB	North of driveway in back yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA012	Category D	2 SB	Western property line in back yard	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA027	Category D	4 SB	Along southern property line	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA039	Category D	2 SS	Northern property line	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	1 SB	Southeast corner of the property	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	3 GS	Garden Area	1 ft bgs	0-12"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA073	Category D	1 SB	Back yard, west of driveway	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	2 SB	Northwest and northeast of EA073SB010	2 ft bgs	0-2" and 2-24"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
OU5	EA099	Category D	1 SS	West of sample EA099SS005	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	1 SS	Northeast of sample 099-S1	2 in bgs	0-2"	TAL Metals, Mercury and SVOCs	Required by NYSDEC
		Category D	2 GS	Garden Area	1 ft bgs	0-12"	TAL Metals, Mercury and SVOCs	Required by NYSDEC

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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June 3, 2019

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

Dear Mr. Ford:

**Subject: Draft Study Area Remedial Action Work Plan Addendum 1
submitted May 24, 2019, 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 Addendum submitted on May 24, 2019. The Work Plan Addendum is hereby approved with the following clarification.

As the remaining sampling in the Study Area focuses on critical details such as defining excavation limits along property boundaries, exact sample location is increasingly critical. The exact sample locations are extremely difficult to glean from a written description alone, without the benefit of a plan view drawing showing existing and proposed sample locations. Without a visual depiction of the sample locations, there is a risk that the Agencies may misinterpret the locations being proposed, resulting in the need for an additional sampling iteration. Any proposals for additional sampling submitted in the future must include sample location maps as required by Chapter 3 of DER-10.

Please provide a finalized version of the Work Plan Addendum for posting on the Department's public website. Please place the Addendum, along with this letter, in the local document repository. If you have any questions concerning 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

cc: B. Conlon K. Douglas
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