

Public Meeting

**NYSDEC Project ID# 851046
Study Area Characterization
Project Update**

Corning Incorporated

May 11, 2016

Welcome and Introductions

- Dan Collins – Division Vice President , Corporate Communications, Corning Incorporated
- John Sontag, Weston Solutions, Inc. (WESTON) – environmental sampling specialists
 - Highly experienced on similar projects
 - Engaged by Corning Incorporated to conduct the sampling work

Why We Are Here

- Provide update and findings from work completed in the Study Area since March 2015 Public Meeting
- Results for samples collected to date at 117 of 186 residential properties meet the residential soil cleanup objectives (SCOs)
 - Residential SCOs are concentrations in soil which were derived by the State based on assumptions that are designed to protect public health based on a residential property use
 - Residential SCOs are used by the State (along with other information) to decide whether any other actions are warranted
- Work is being conducted under the Study Area Work Plan developed by WESTON and approved by the NYSDEC for the environmental study

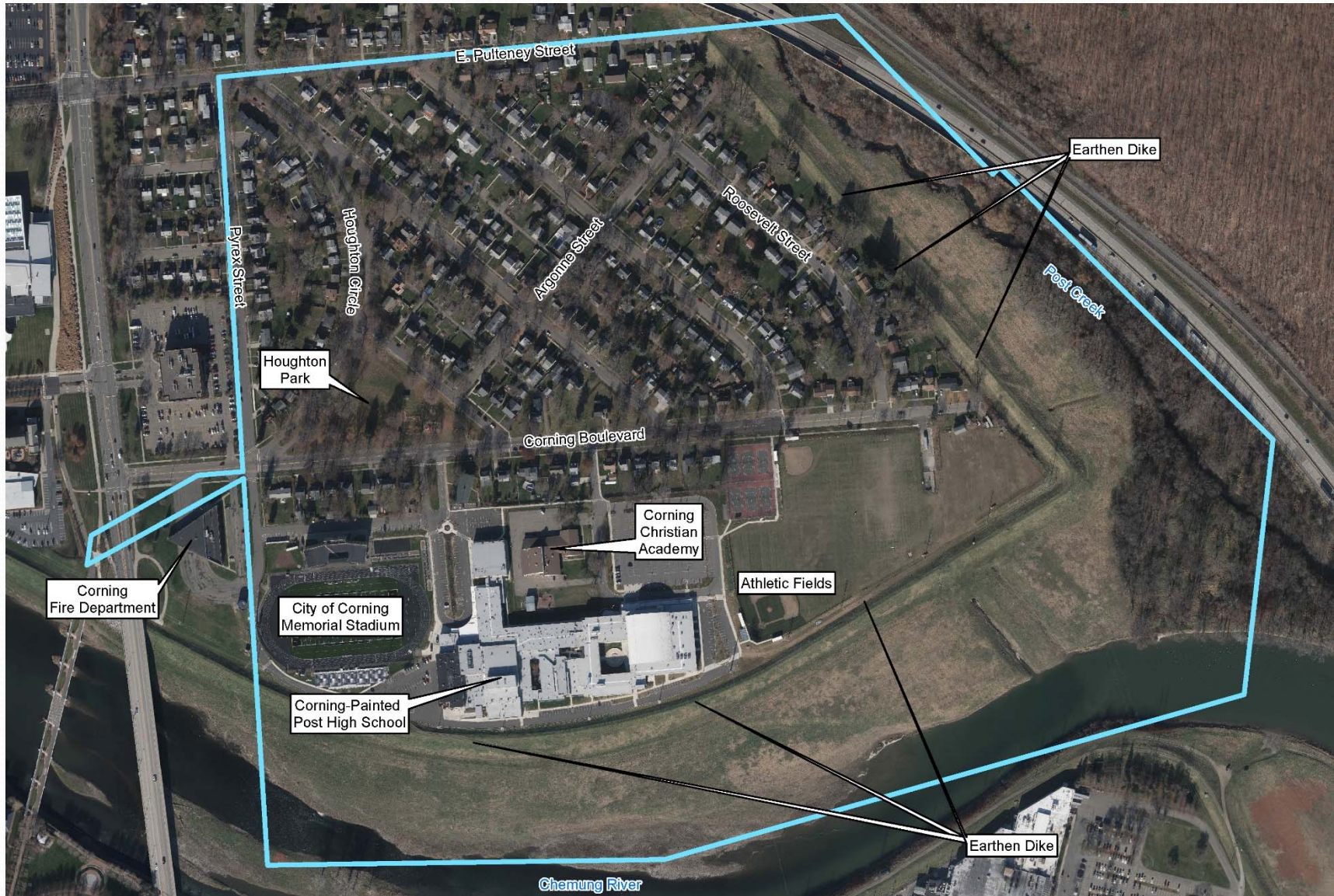
Project Status/Update

- Residential Area Sampling
 - Additional soil sampling conducted at 121 properties in 2015
 - Sampling conducted at 186 properties to date
- Additional sampling completed at:
 - Houghton Park
 - City of Corning rights-of-way
 - Corning Christian Academy
 - City of Corning Memorial Stadium
 - Corning-Painted Post School District
- Second round of groundwater sampling completed in April 2015

Overview

- Sampling conducted at 186 residential properties in the Study Area to date
- Additional sampling was conducted in the Study Area to further define the extent of a layer of fill material in the following areas:
 - City of Corning rights-of-way in the Residential Area
 - Corning Christian Academy
 - City of Corning Memorial Stadium
 - Corning-Painted Post School District
- 7 test pits excavated in the City of Corning rights-of-way and Houghton Park to help visualize subsurface conditions
- Groundwater has not been found to be impacted

Study Area



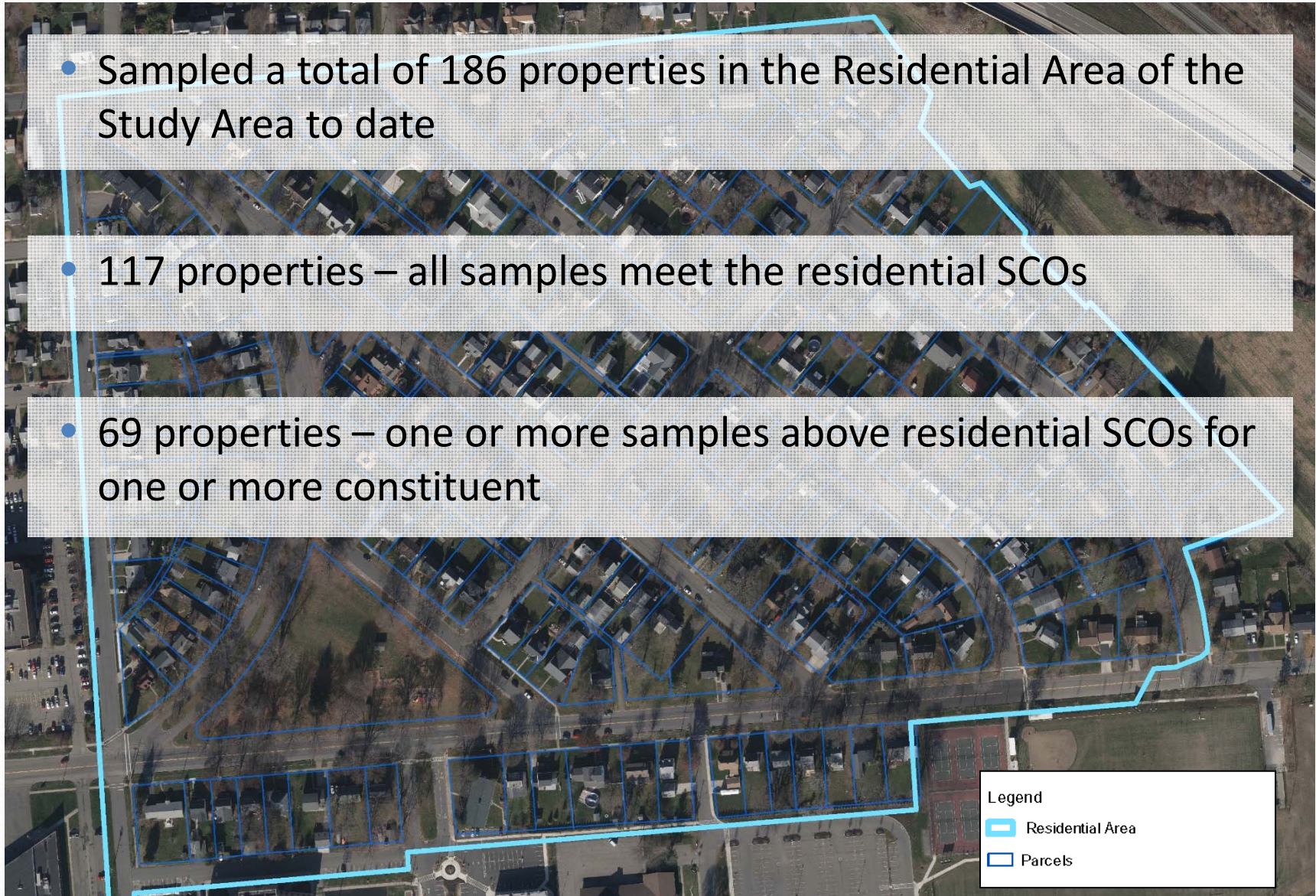
Methods Used

- Surface soils
 - Top 2 inches of soil
 - Hand scoop
- Shallow soils
 - Soil that is 2 inches to 2 feet from the surface
 - Hand auger or Geoprobe®
- Subsurface soils
 - Down to 15 feet
 - Rigs using small diameter tube (2 inches)
- Test pits
 - Approximately 7 feet long, 4 feet deep, and 1 feet wide
 - Mini-excavator used to limit area of disturbance and manage noise



Sample Results – Properties in the Residential Area

- Sampled a total of 186 properties in the Residential Area of the Study Area to date
- 117 properties – all samples meet the residential SCOs
- 69 properties – one or more samples above residential SCOs for one or more constituent



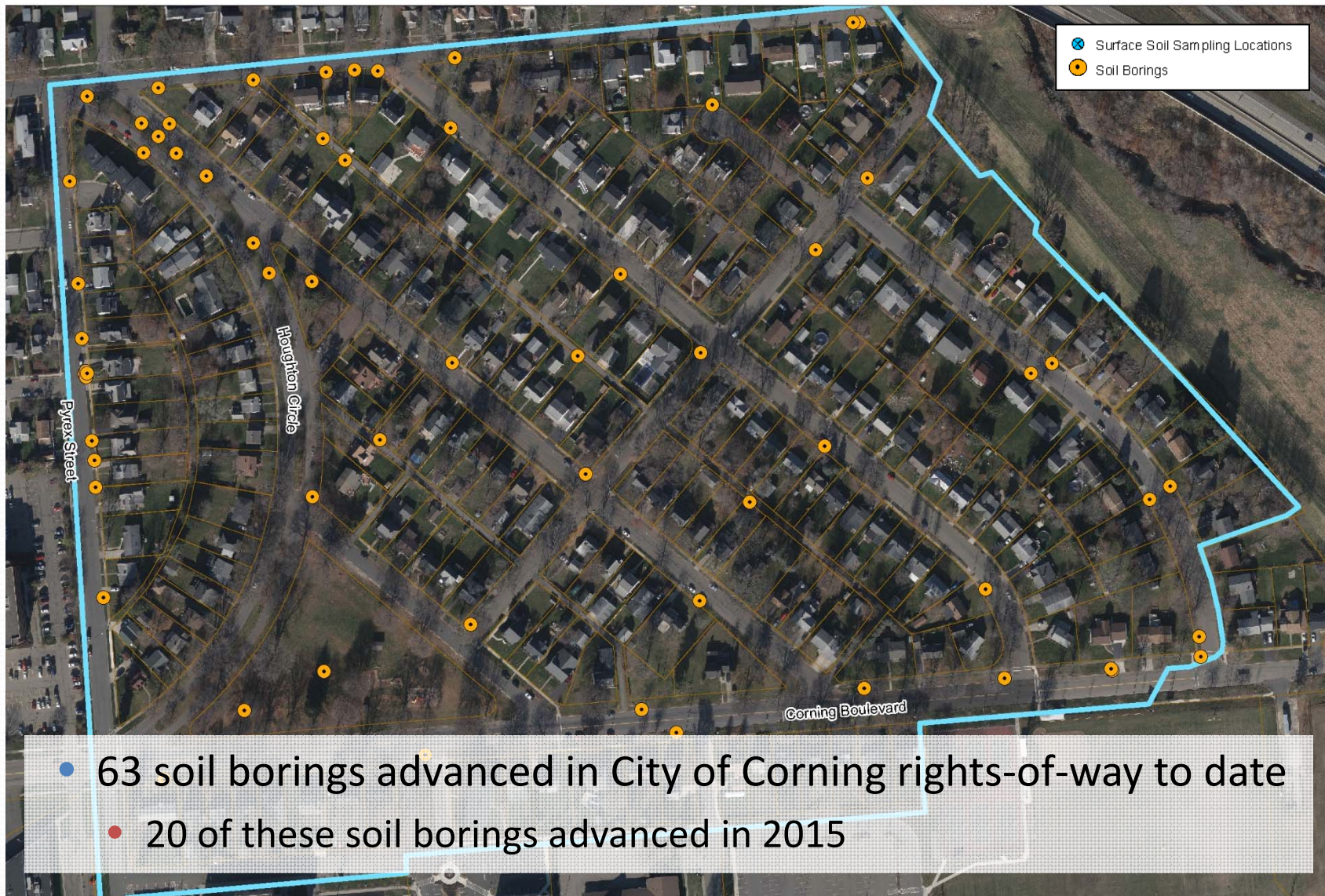
Next Steps at Properties in the Residential Area

- NYSDEC requires additional sampling
 - 70 properties where only surface soil samples were collected and results meet the residential SCOs
 - Further delineation at some other properties
 - Property owners will be asked for permission for access to collect additional samples
- Corning Incorporated will propose remedial actions for some properties

Legend

- Residential Area
- Parcels

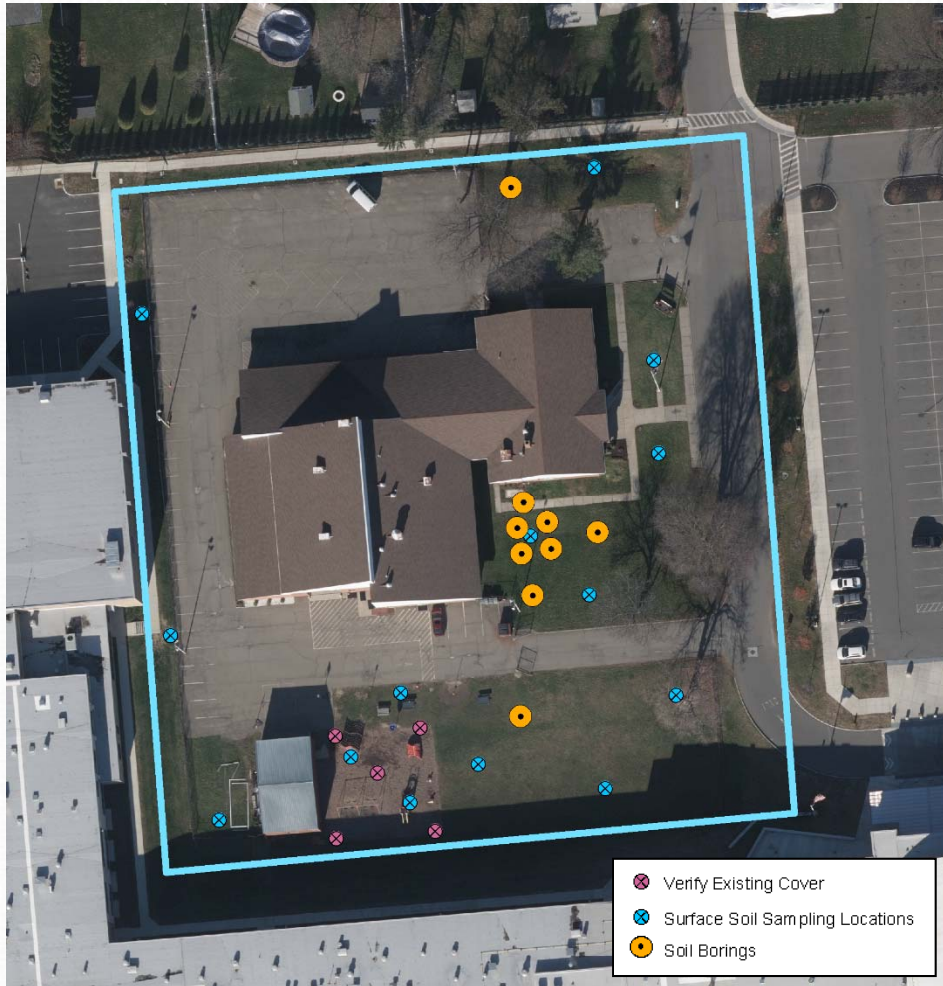
City of Corning Rights-of-Way and Houghton Park



Test Pits in City of Corning Rights-of-Way and Houghton Park

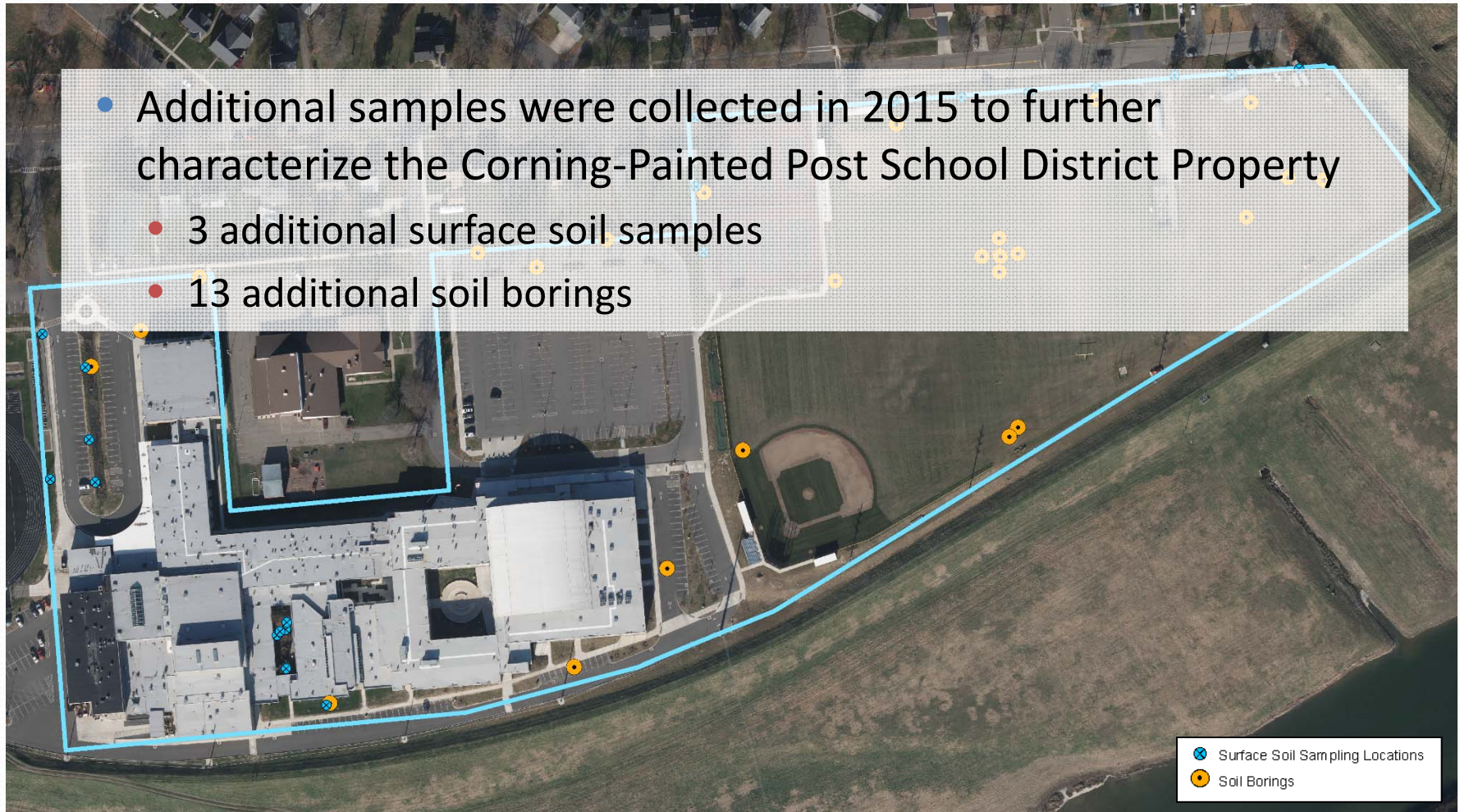


Corning Christian Academy Property

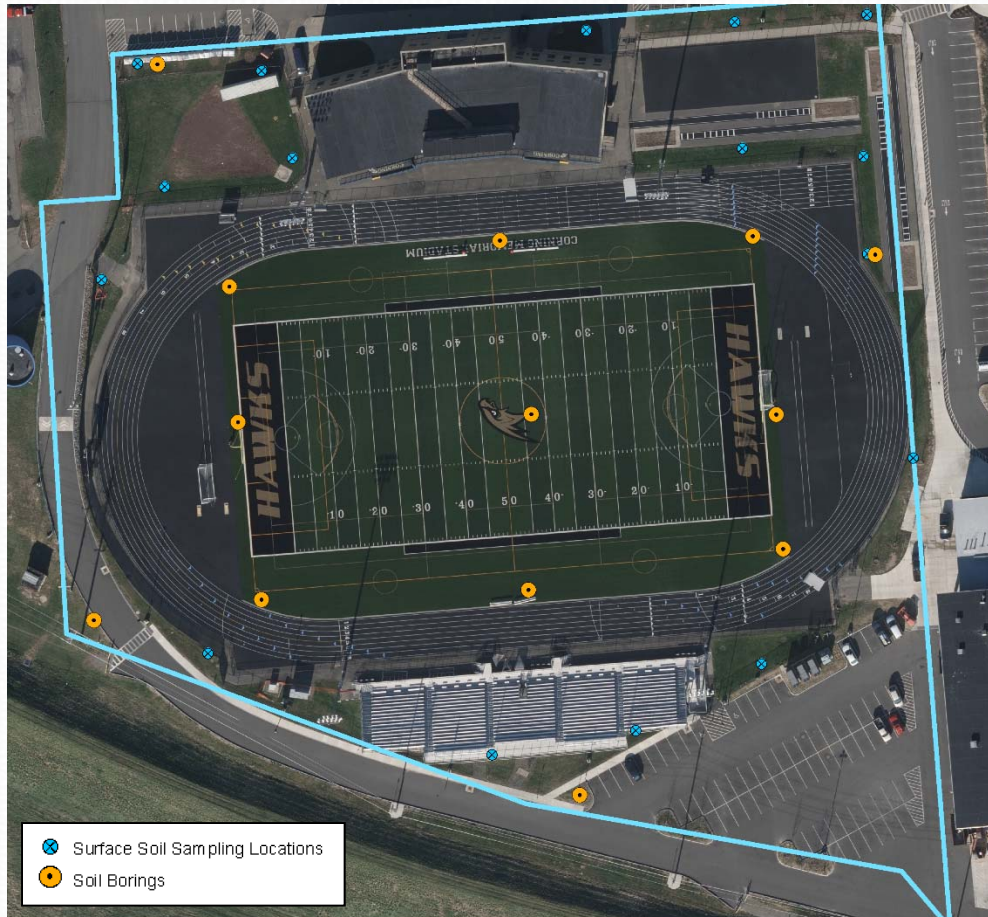


- 3 additional soil borings were advanced to investigate soils south of the main entrance
- Layer of fill material observed starting deeper than ½ foot below the sod cover

Corning-Painted Post School District Property



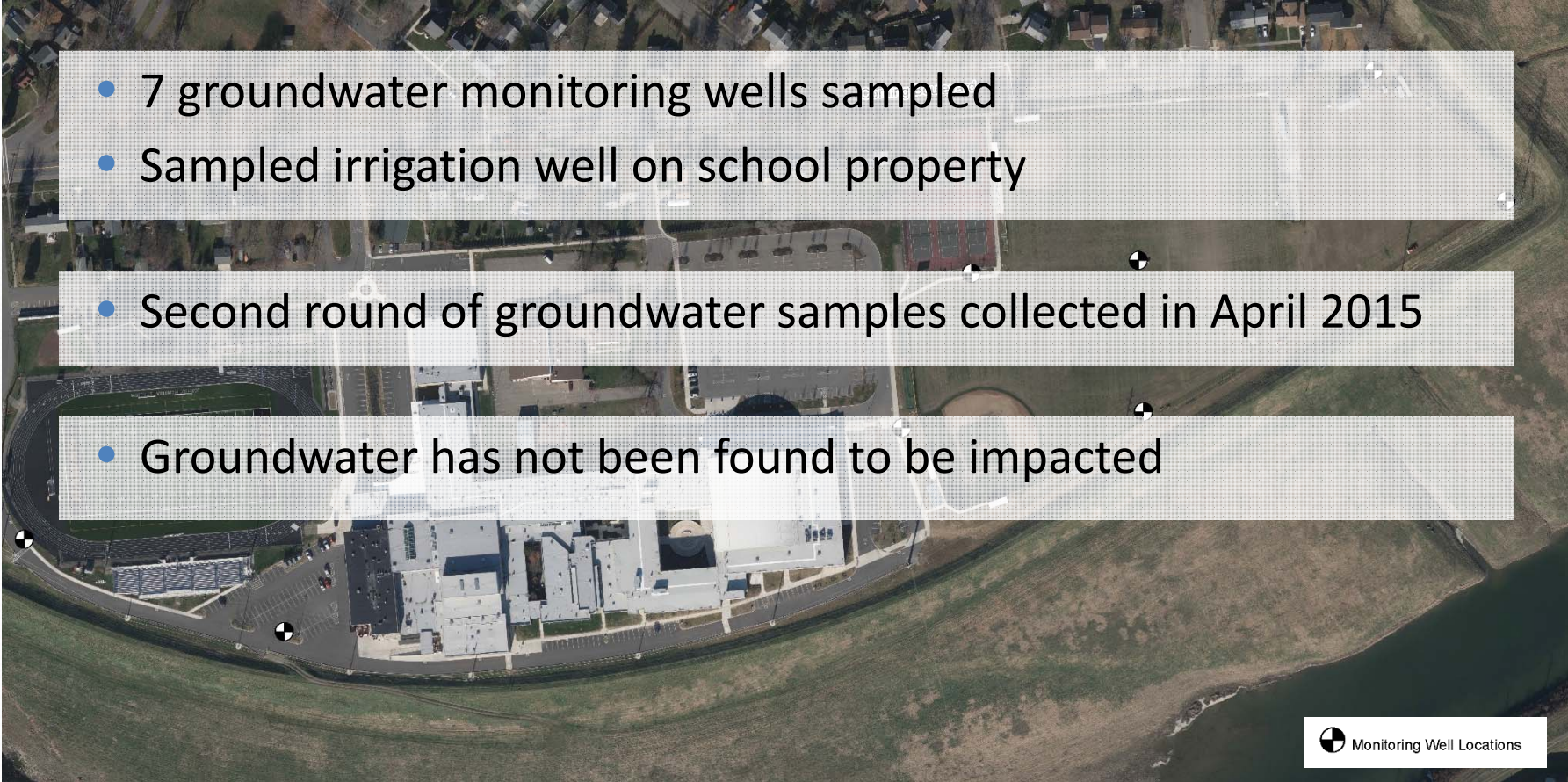
City of Corning Memorial Stadium Property



- In 2015, 10 additional soil borings were advanced to investigate subsurface conditions under the turf field and further delineate other areas
- Layer of fill material observed below the turf field

Groundwater Results

- 7 groundwater monitoring wells sampled
- Sampled irrigation well on school property
- Second round of groundwater samples collected in April 2015
- Groundwater has not been found to be impacted

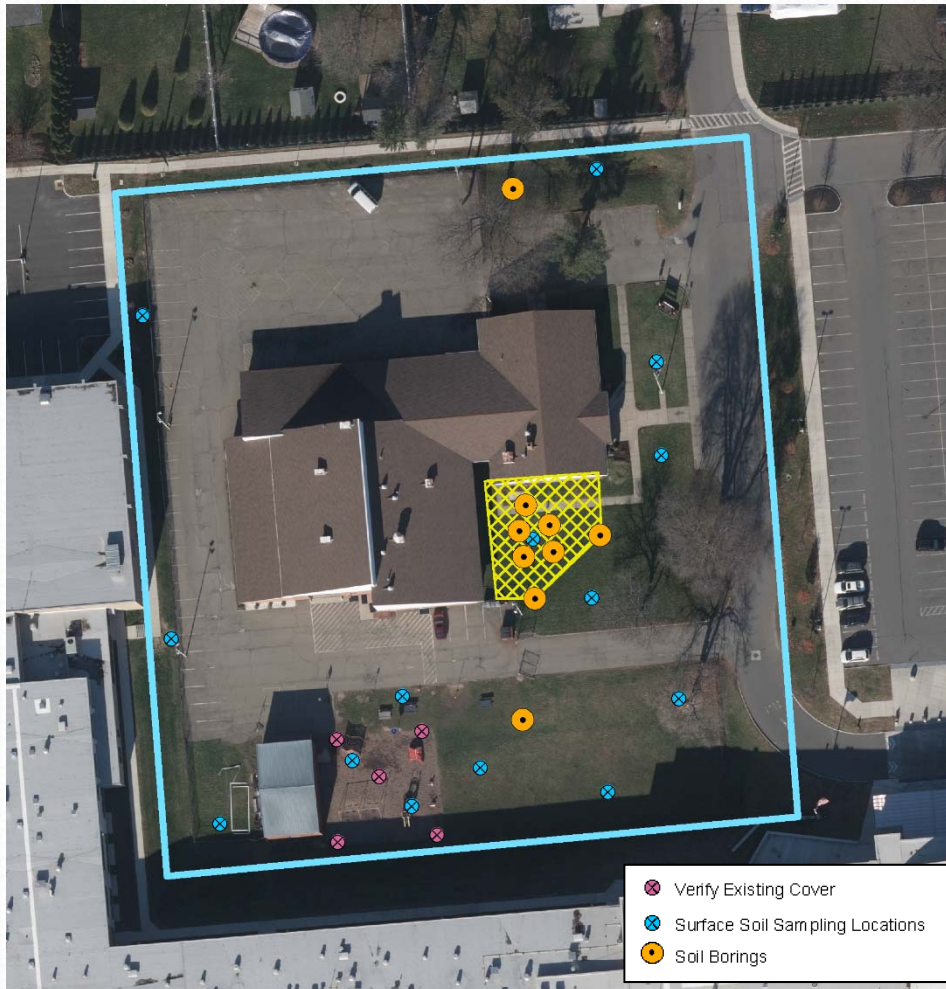


Monitoring Well Locations

Proposed Interim Remedial Measures

- Interim Remedial Measures (IRMs) are remedial actions that can be designed to be part of the final remedy and are conducted prior to completion of investigation work.
- Corning Incorporated has proposed IRMs in the following areas:
 - Corning Christian Academy
 - City of Corning Memorial Stadium
 - Corning-Painted Post School District
- IRMs will consist of:
 - Soil removal to 1 or 2 feet below ground surface
 - Placement of a demarcation layer (geotextile fabric)
 - Placement of new soil with grass cover

Corning Christian Academy Property

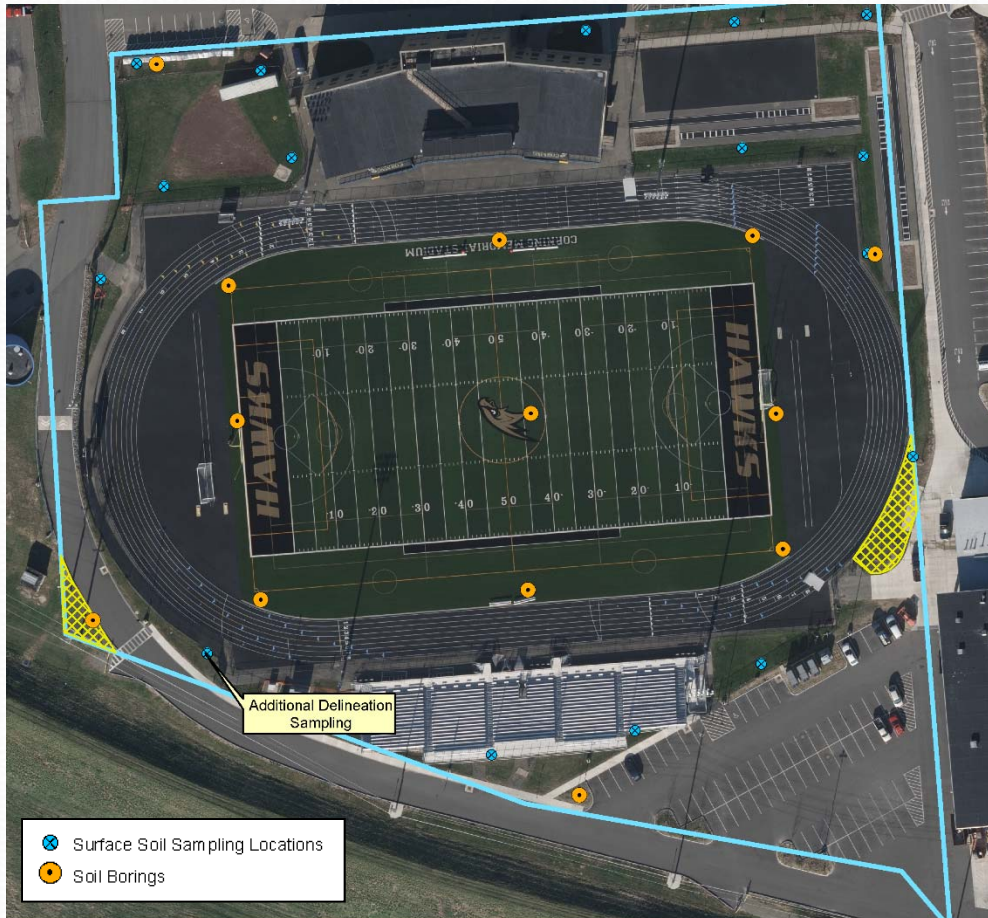


- An IRM has been proposed in area marked in yellow
- If approved, 2 feet of soil would be excavated and a new soil cover would be placed over a demarcation layer

Corning-Painted Post School District Property



City of Corning Memorial Stadium Property



- An IRM has been proposed in the areas marked in yellow
- Sampling has recently been collected to delineate one additional area
- If approved, 2 feet of soil would be excavated and a new soil cover would be placed over a demarcation layer

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Next Steps

- Interim Remedial Measure (IRM) activities proposed at:
 - Corning Christian Academy
 - Corning-Painted Post School District property
 - Corning Memorial Stadium
- NYSDEC will address next steps for the Residential Area in their presentation

How Can You be Kept Informed

- **Document repositories**
 - Southeast Steuben County Library
300 Nasser Civic Center Plaza, Corning, NY 14830
Contact Reference Librarian (607-936-3616) for appointment
Hours: Mon, Wed, Fri: 9:00 am – 6:00 PM
Tue, Thur: 9:00 am – 8:00 PM
 - NYSDEC Region 8 Office
6274 Avon-Lima Rd. (Rtes. 5 and 20), Avon, NY 14414-9516
Contact Linda Vera (585-226-5324) Linda.Vera@dec.ny.gov for an appointment
Hours: Mon – Fri: 8:30 am – 4:45 pm
- **Contacts**
 - Dan Collins, Corning Incorporated, One Riverfront Plaza, Corning, NY 14831
- **Email address / periodic mailings:** studyarea@corning.com
- **Website:** www.postcreekstudyarea.com
- **Toll free telephone number for project questions:** (866) 256-1902
- **Project fact sheets distributed to mailing list**
- **Mailing address:** Corning Incorporated, One Riverfront Plaza, Corning, NY 14831