

# Public Meeting

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

Corning Incorporated

March 26, 2015

# 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 an update and present findings from work completed since the October 2014 Public Meeting
- The findings to date demonstrate that a majority of the results are at or below 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
  - 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
  - Assess whether fill containing ash, brick and/or glass is present and, if so, the nature and extent of these materials

# Project Status/Update

- Residential surface soil sampling completed at:
  - 163 properties in the residential area
- Additional sampling completed at:
  - City of Corning rights-of-way
  - Corning Christian Academy
- First round of groundwater sampling completed
- Additional sampling activities are planned and will be discussed tonight

# Overview

- Surface soil samples (0 – 2 inches) were collected at 163 properties in the Study Area. 36 properties had at least one sample that exceeded the State’s residential SCOs for one or more constituents
- 19 soil borings installed in the Study Area to further define the extent of a layer of fill material in the following areas:
  - Southeast corner of the Study Area
  - Northwest corner of the Study Area
- Arsenic, lead and cadmium were not detected in groundwater at levels above the State’s groundwater standards

# Study Area



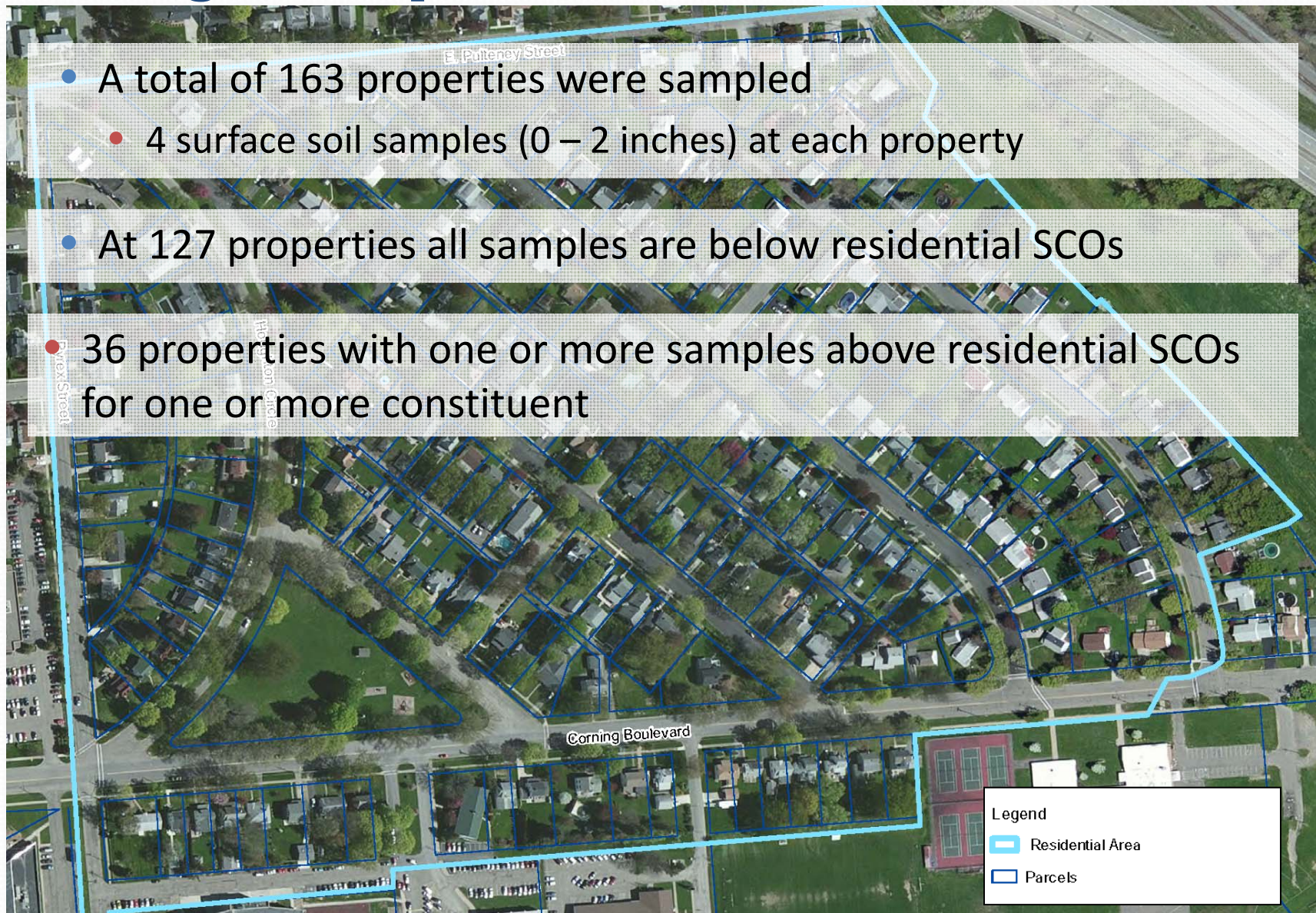
# Methods Used

- 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)



# Findings at Properties in the Residential Area

- A total of 163 properties were sampled
  - 4 surface soil samples (0 – 2 inches) at each property
- At 127 properties all samples are below residential SCOs
- 36 properties with one or more samples above residential SCOs for one or more constituent





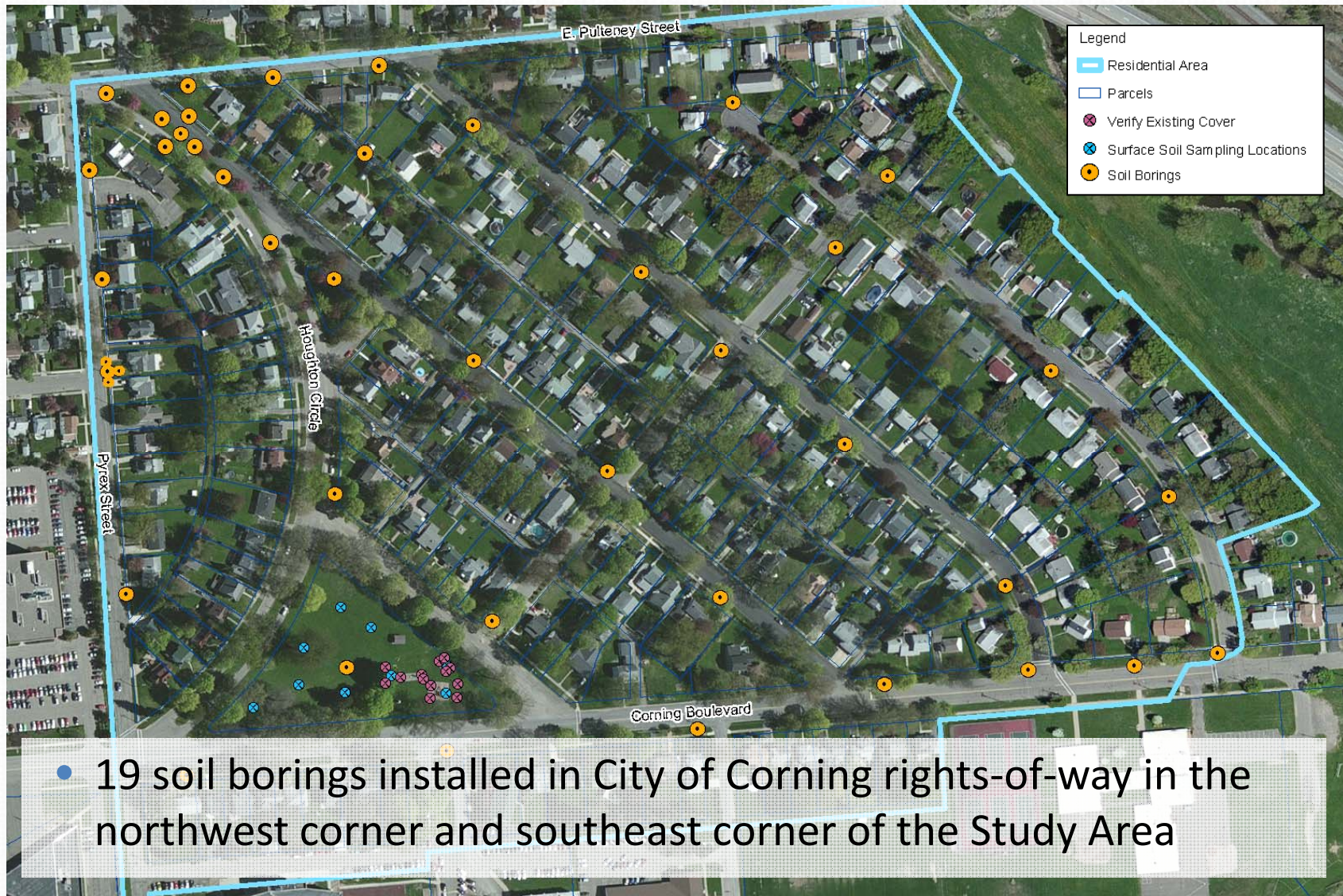
# Next Steps at Properties in the Residential Area

- NYSDEC has requested additional characterization work and this work will be conducted under an approved Work Plan – 36 properties with one or more samples above residential SCO's
  - Property owners will be asked for permission for access to collect additional samples
  - 8 to 12 additional surface soil samples (0 to 2 inches)
  - 4 soil borings to 4 feet
  - 2 soil borings to 15 feet
- NYSDEC has requested additional characterization work and this work will be conducted under an approved Work Plan – 34 additional properties where ash, brick, and/or glass has been reported to NYSDEC
  - Property owners will be asked for permission for access to collect additional samples
  - 1 to 2 soil borings to 15 feet

## Legend

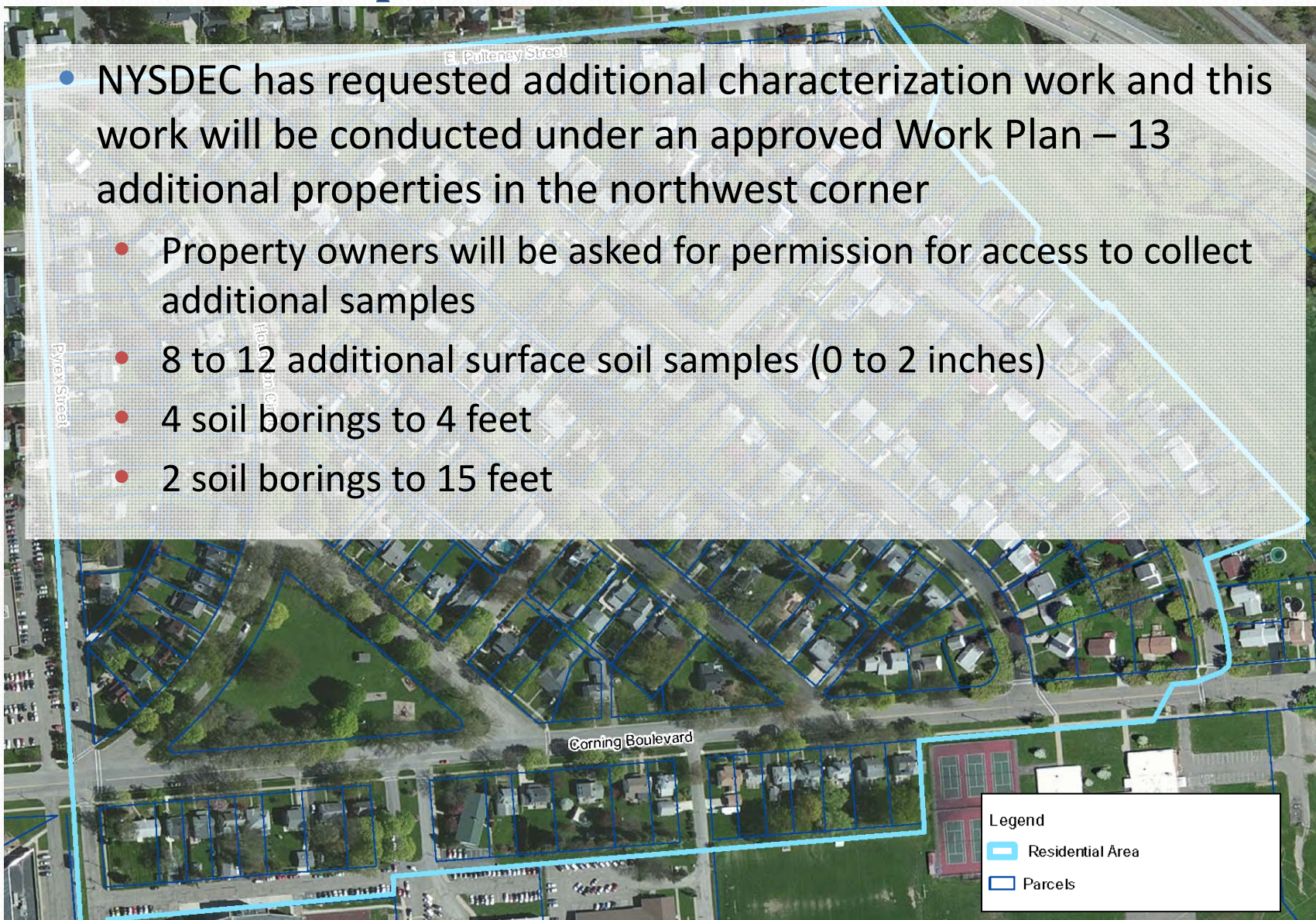
- Residential Area
- Parcels

# Findings in City of Corning Rights-of-Way



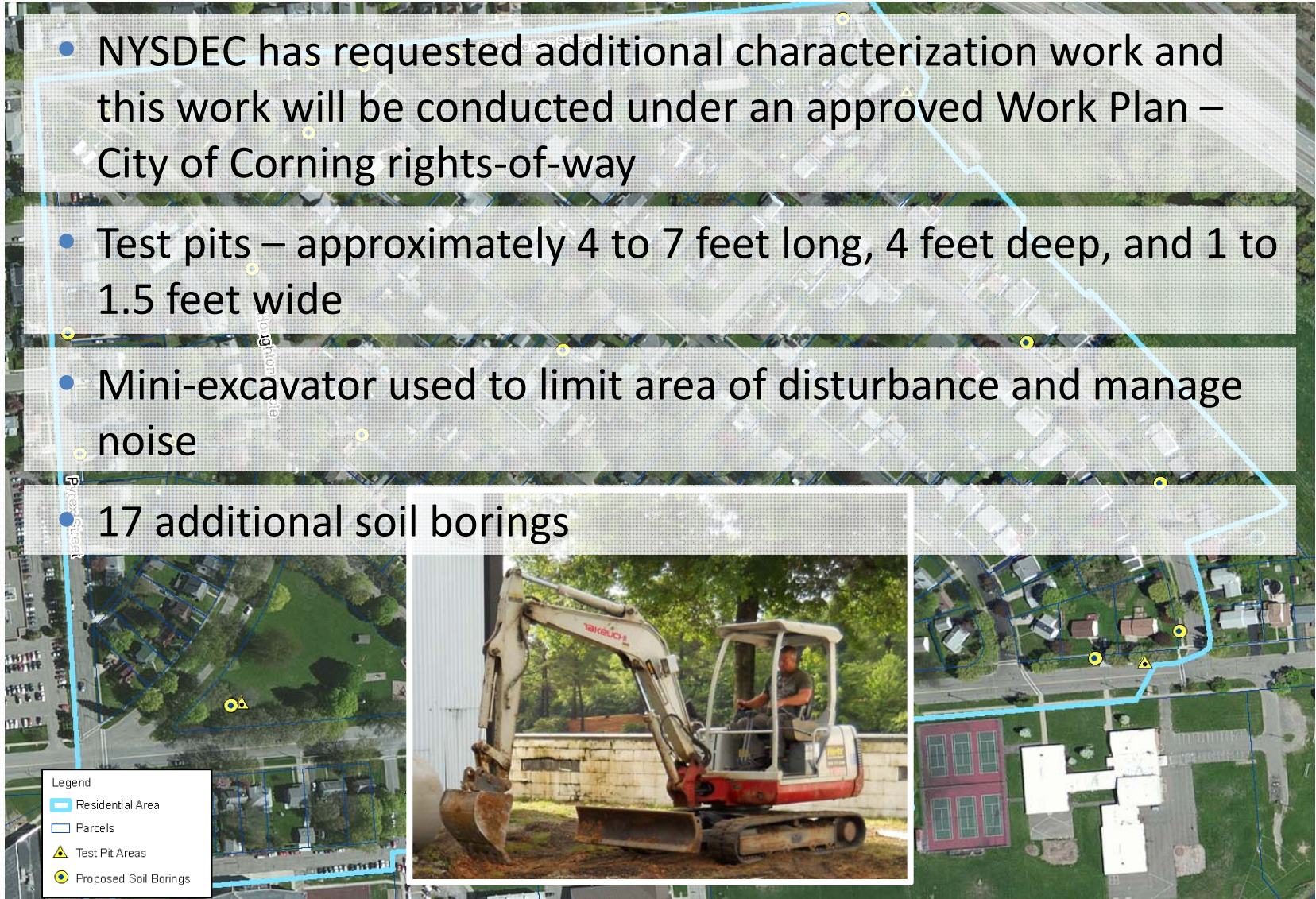
# Additional Steps in the Residential Area

- NYSDEC has requested additional characterization work and this work will be conducted under an approved Work Plan – 13 additional properties in the northwest corner
  - Property owners will be asked for permission for access to collect additional samples
  - 8 to 12 additional surface soil samples (0 to 2 inches)
  - 4 soil borings to 4 feet
  - 2 soil borings to 15 feet



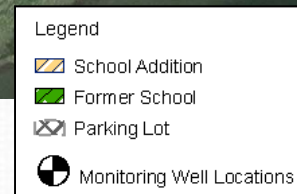
# Additional Steps – City of Corning Rights-of-Way

- NYSDEC has requested additional characterization work and this work will be conducted under an approved Work Plan – City of Corning rights-of-way
- Test pits – approximately 4 to 7 feet long, 4 feet deep, and 1 to 1.5 feet wide
- Mini-excavator used to limit area of disturbance and manage noise
- 17 additional soil borings



# Groundwater Results

- 7 groundwater monitoring wells installed and sampled
- Sampled irrigation well on school property
- Arsenic, lead and cadmium were not detected in groundwater at levels above the State's groundwater standards
- Second round of groundwater sampling will be conducted in the spring



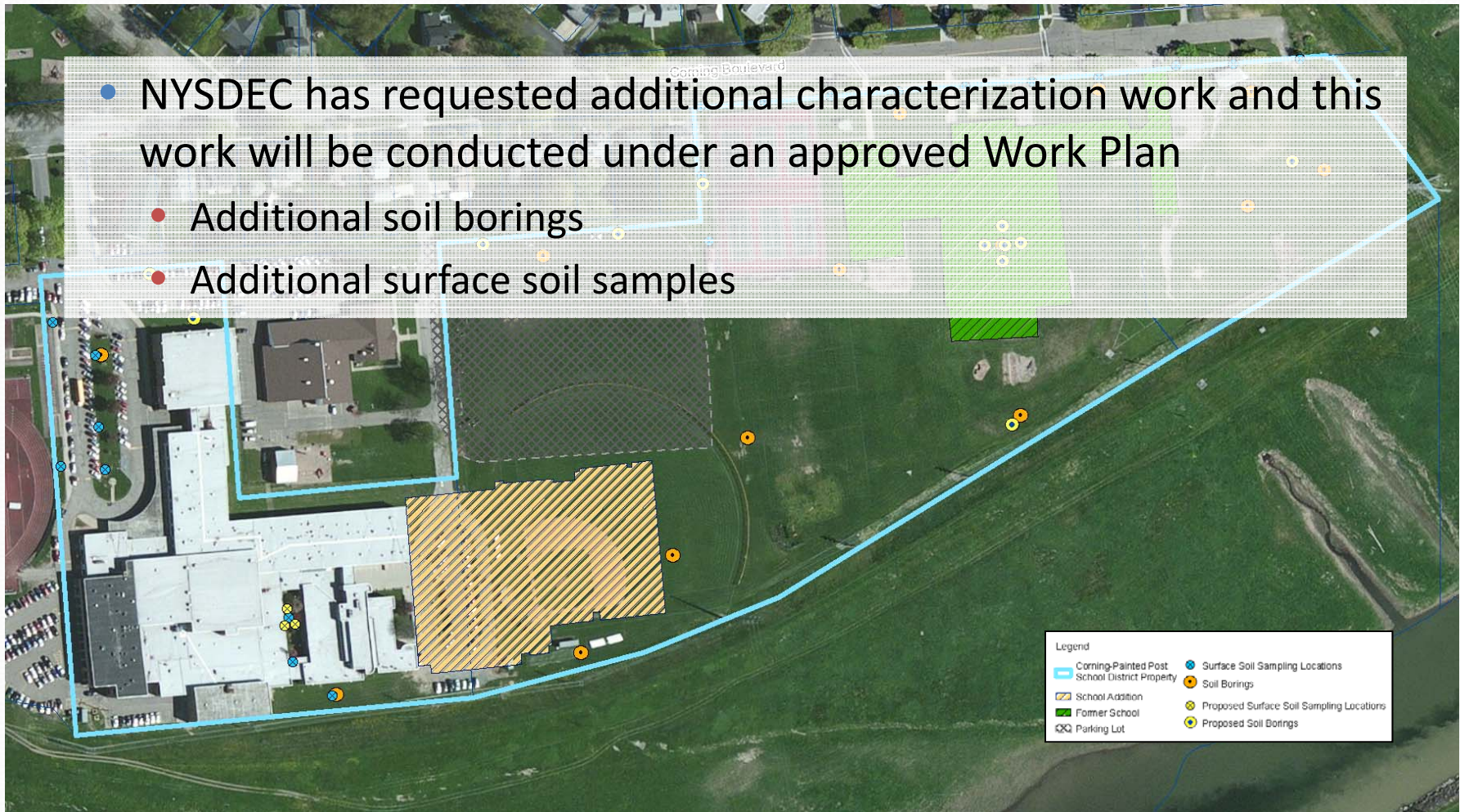
# Corning Christian Academy Property



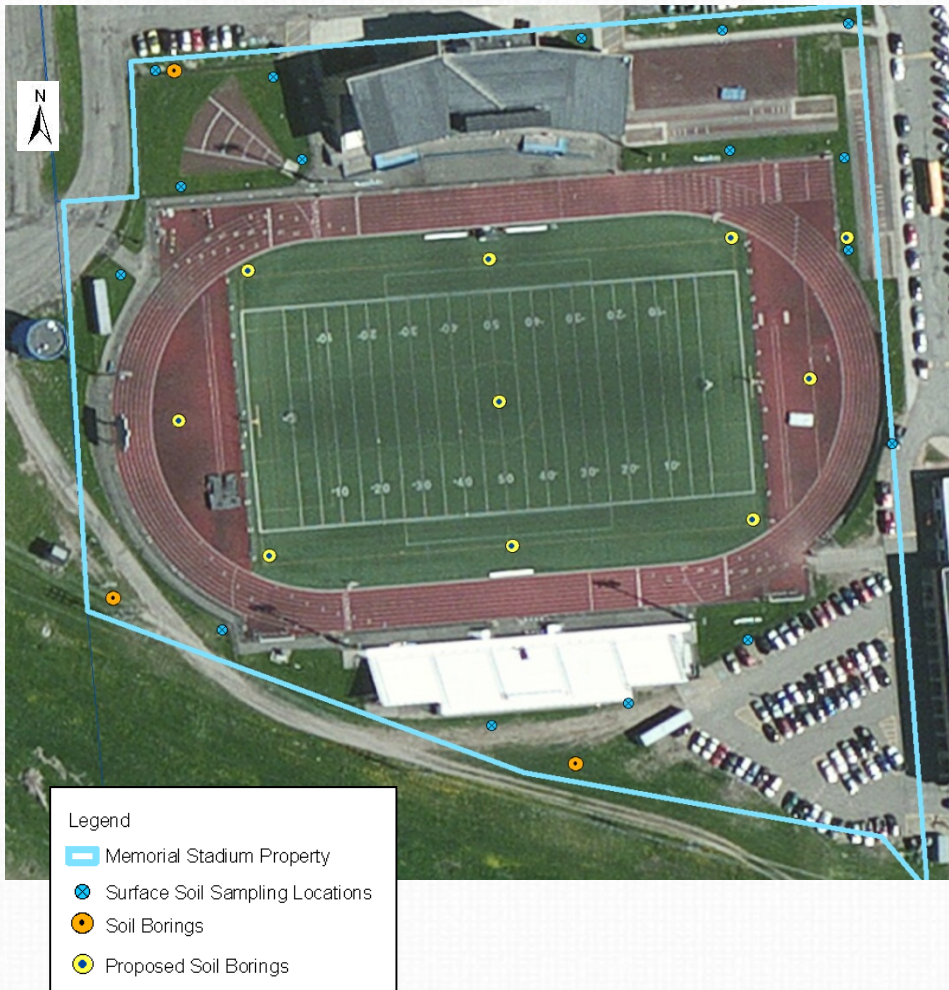
- Additional borings were installed to investigate one prior sample that was above residential SCOs
- Layer of fill material observed deeper than 1 foot below the sod cover
- NYSDEC has requested additional soil borings and this work will be conducted under an approved Work Plan

Legend	
Corning Christian Academy Property	Surface Soil Sampling Locations
School Addition	Soil Borings
Verify Existing Cover	Proposed Soil Borings
Parking Lot	

# Corning-Painted Post School District Property



# Corning Memorial Stadium



- NYSDEC has requested additional soil borings and this work will be conducted under an approved Work Plan



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- 19 soil borings installed in the Study Area to further define the extent of fill material layers
  - Southeast corner of the Study Area
  - Northwest corner of the Study Area
- Arsenic, lead and cadmium were not detected in groundwater at levels above the State's groundwater standards

# Summary of Next Steps

- Additional residential sampling activities in the Study Area
- Additional sampling activities at:
  - City of Corning rights-of-way
  - Corning Christian Academy
  - Corning-Painted Post School District property
  - Corning Memorial Stadium
- Second round of groundwater sampling
- Schedule
  - Request for written permission for access to be sent in April
  - Work will be scheduled upon receipt of signed written permission for access

# How Corning Will Keep You 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) 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](mailto:studyarea@corning.com)
- **Website:** [www.postcreekstudyarea.com](http://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