

#100672

# **SITE STATUS AND PLANNED ACTIONS**

Former Koppers Facility  
Cabot/Koppers Superfund Site  
Gainesville, Florida

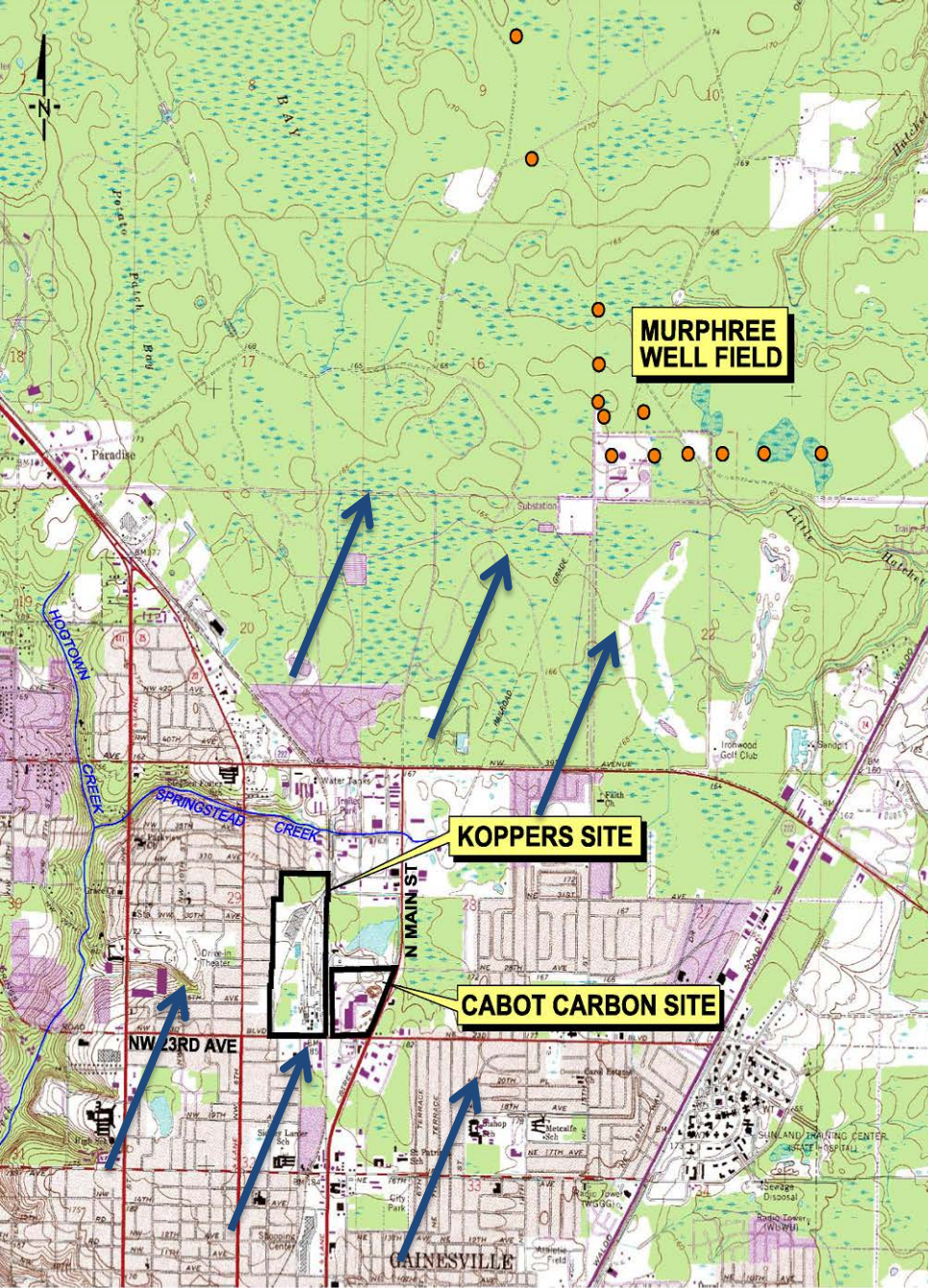
Presentation for the Gainesville City Commission  
September 5, 2013

By: Beazer East, Inc.

# Introduction

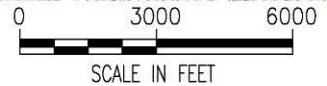
- Update since 2010 presentation
- Interim remedial actions
- Consent Decree effective (July 9, 2013)
- Long-term remedy design & implementation
- Stephen Foster neighborhood soil restoration project
- Community involvement
- Being a good neighbor

# Site Location



Groundwater  
Flow Direction

SOURCE: U.S.G.S. QUADRANGLE GAINESVILLE  
EAST, FLA 1966 (PHOTOREVISED 1988)



# Interim Remedial Actions

- Dismantled and removed wood-treatment facilities
- Stormwater controls & FDEP permit
- Dust control (grass, road cover, watering)
- Expanded groundwater containment and treatment system
- Enhanced creosote recovery
- Interim Closure of CCA Drip Pad
- Improved fencing and signage

GAINESVILLE  
APPROX. 1952-1953  
OBLIQUE



Jan 2008

NW 31st Ln

NW 31st Ave

NW 30th Ave

NW 28th Ave

NW 27 Ave

NW 26 Ave

NW-4 Terrace

NE 1st Blvd

N Main St

NE 5th Terrace

20

120

Jan 2012

NW-31st Ln

NW-31st Ave

NW-30th Ave

NW-28th Ave

NW-27 Ave

NW-26 Ave

NW-4-Terrace

NE 1st Blvd

N Main St

NE 5th Terrace

20

120

Google



P-2

CAT

10  
1-800-854-7243  
10000  
20 47

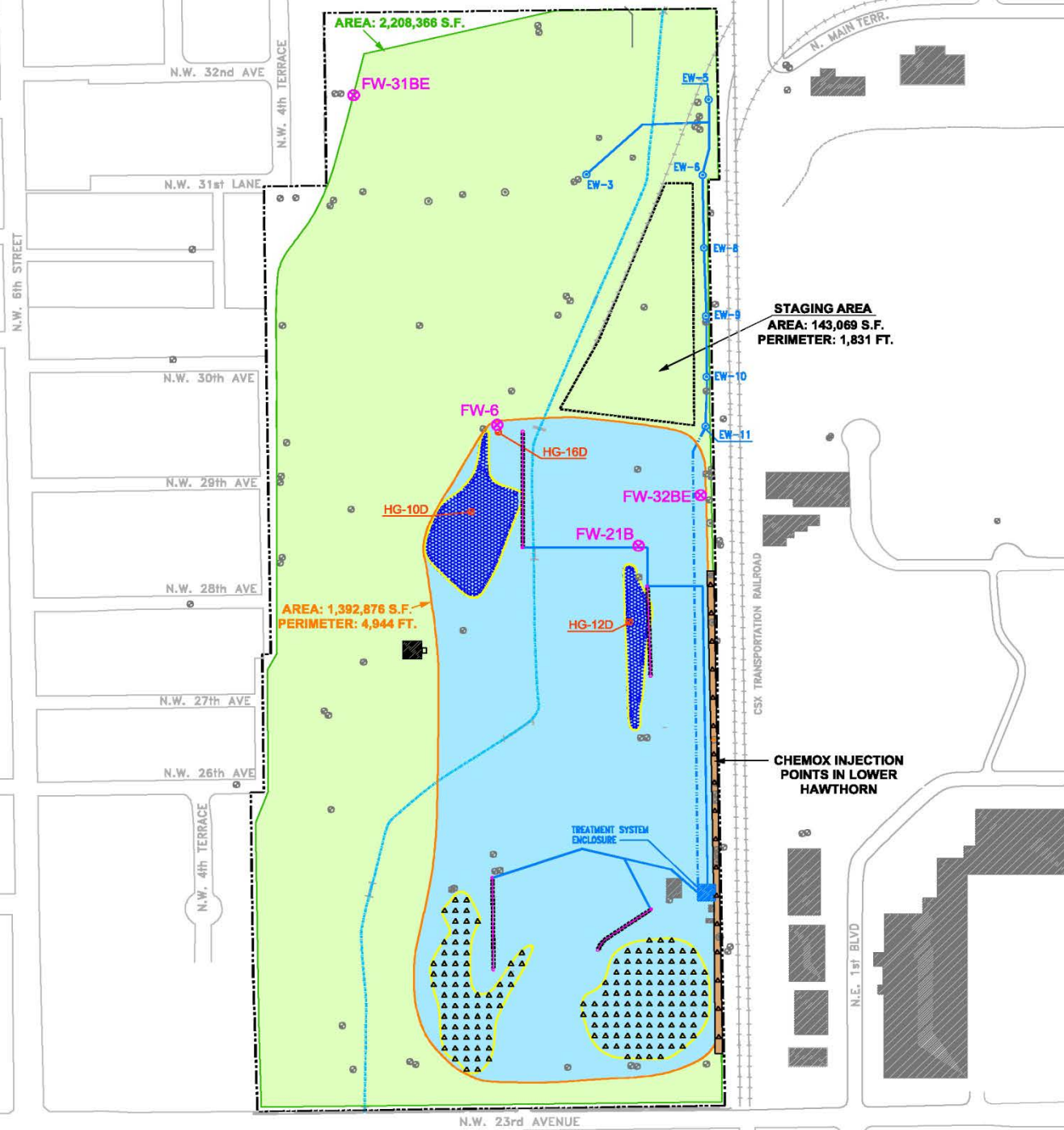




# Consent Decree

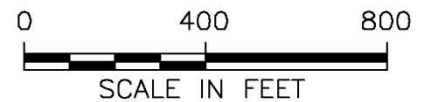
- Agreement between Beazer and US Govt. effective July 9, 2013
- Beazer will perform Remedial Design and Remedial Action with EPA oversight
- Five Operable Units (“OUs”)
- Beazer responsible for addressing impacts attributable to Koppers facility (parts of OU-2, OU-3, OU-4, and OU-5)

# On-Property Remedy Overview OU-2 – OU-4

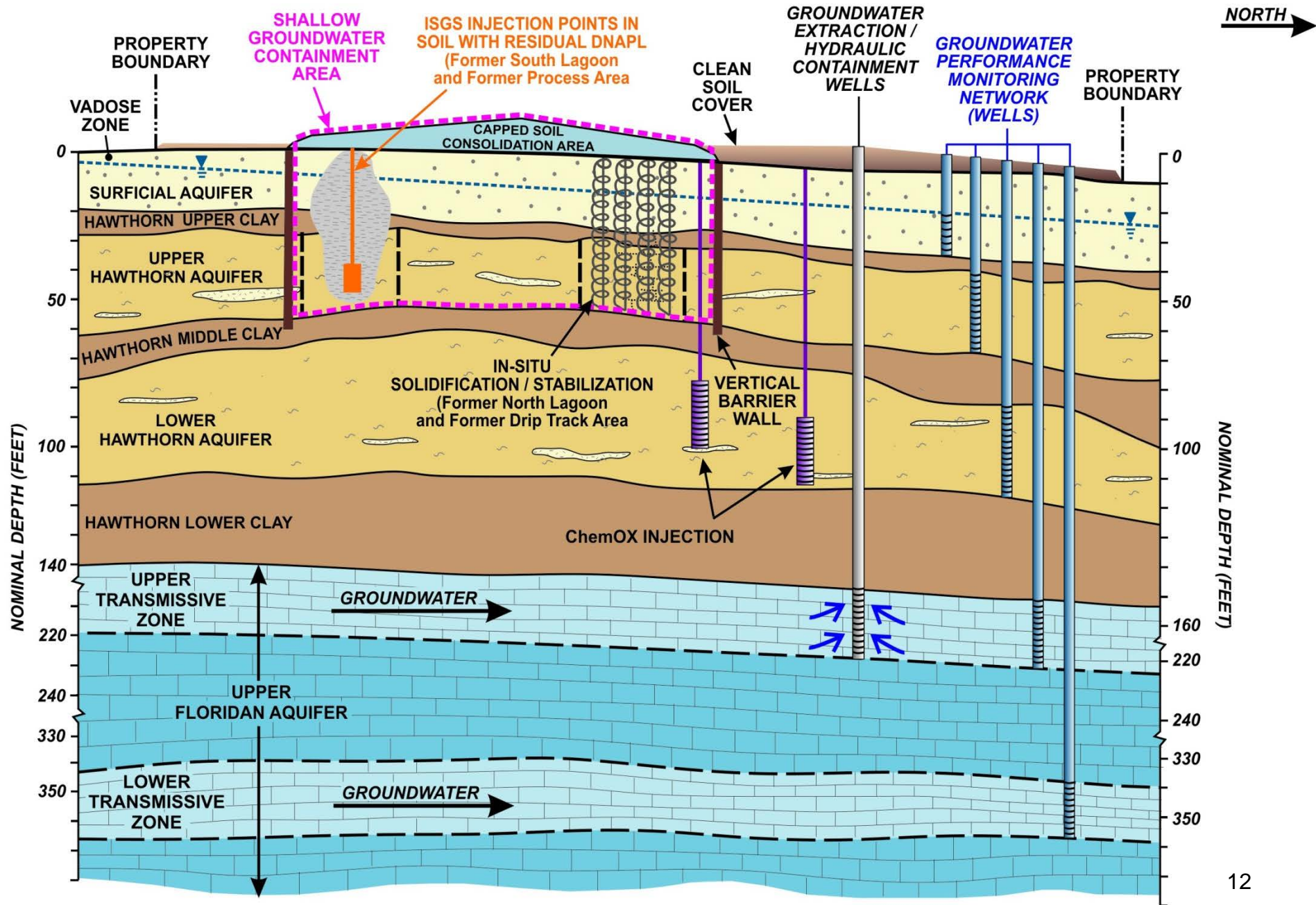


## LEGEND

- SITE BOUNDARY
- RAILROAD
- MONITORING WELL
- SOURCE AREA
- ▨ EXISTING BUILDING STRUCTURE
- ACTIVE EXTRACTION WELL AND ASSOCIATED PIPING
- ▨ ONE-PASS TRENCH AND ASSOCIATED PIPING
- HG-10D CHEMOX DELIVERY WELL
- VERTICAL BARRIER
- REGRADE/COVER AREA
- CONSOLIDATION AREA
- NEW PIPING
- ▲ 175 ISGS INJECTION POINTS
- 1619 ISS/S AUGER POINTS
- ⊗ UPPER FLORIDAN AQUIFER GW EXTRACTION WELL
- ▨ CHEMOX INJECTION POINTS



# On-Property Remedial Action Components (OU-2 – OU-4)



# Remedial Design Activities

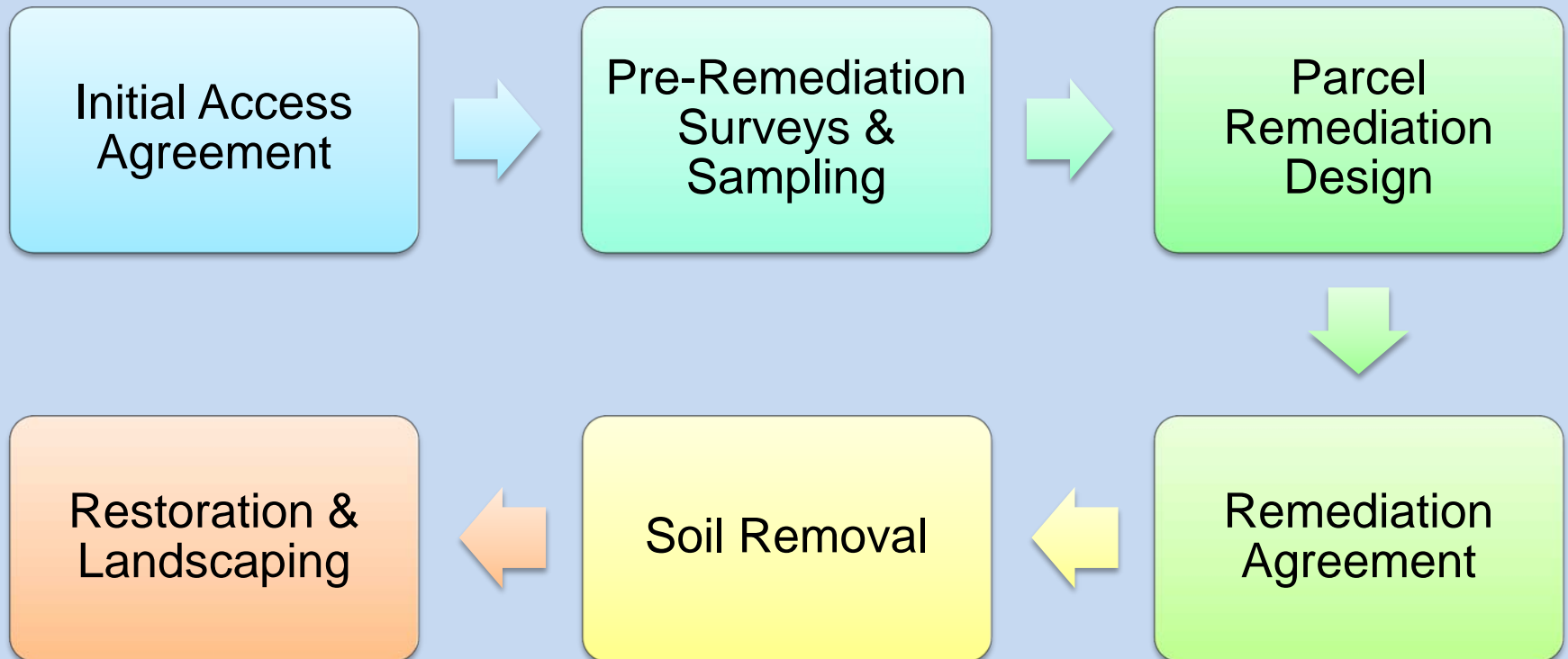
## OU-2 – OU-4

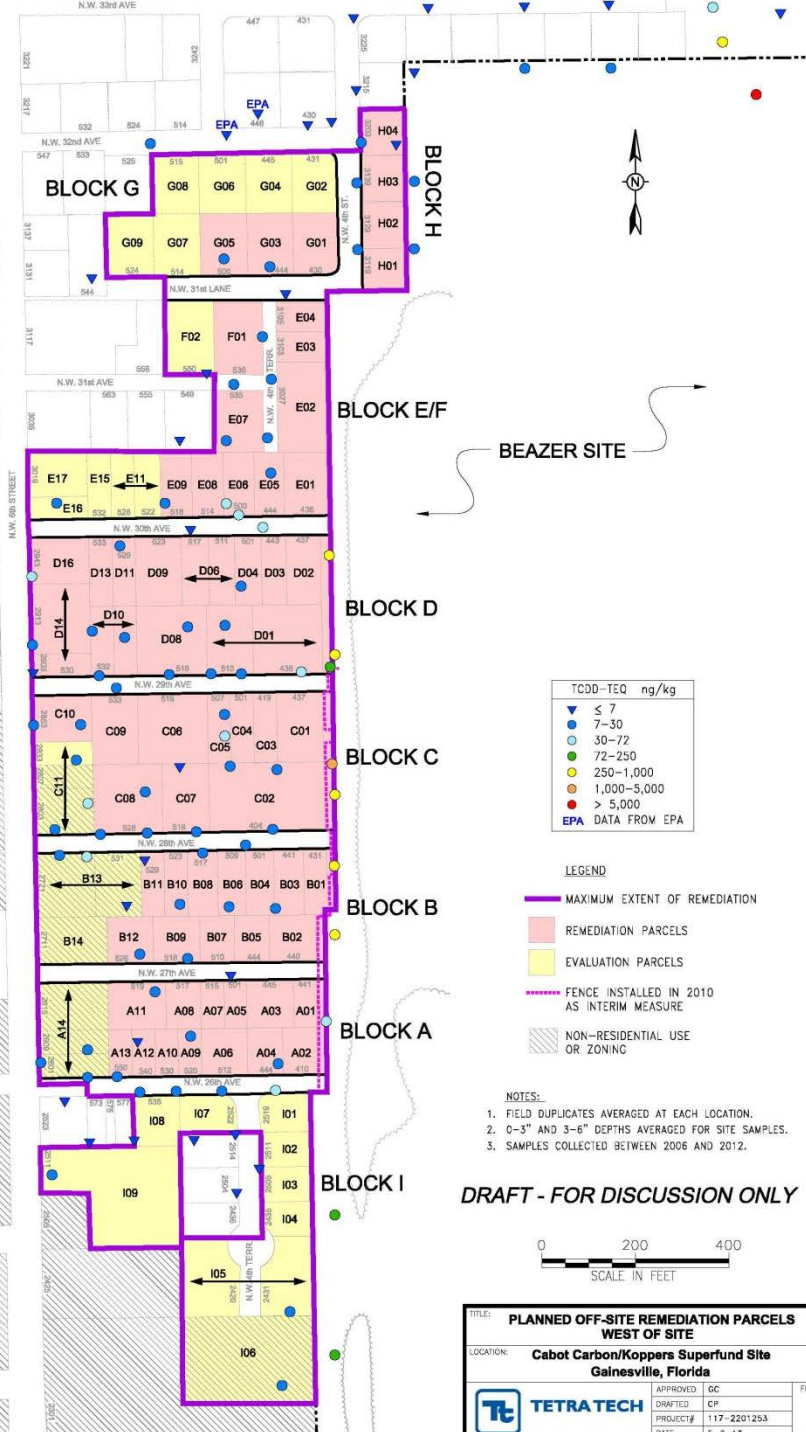
- Characterization for in-situ geochemical stabilization (ISGS) – 108 borings
- Enhanced creosote recovery
- Geotechnical design data for in-situ solidification/stabilization (ISS/S)
- Groundwater compatibility testing
- Remedial Design Work Plan (Sep 22)
  - Pre-design investigation & testing
  - Design submittals (30%, 90%, 100%)

# Operable Unit 5 (Off-Property)

- Stephen Foster Neighborhood
- Residential properties that have dioxin concentrations greater than 7 parts per trillion
  - Remove top 1 foot of soil in yards
  - Replace with clean soil
  - Replace landscaping

# OU-5 Major Steps

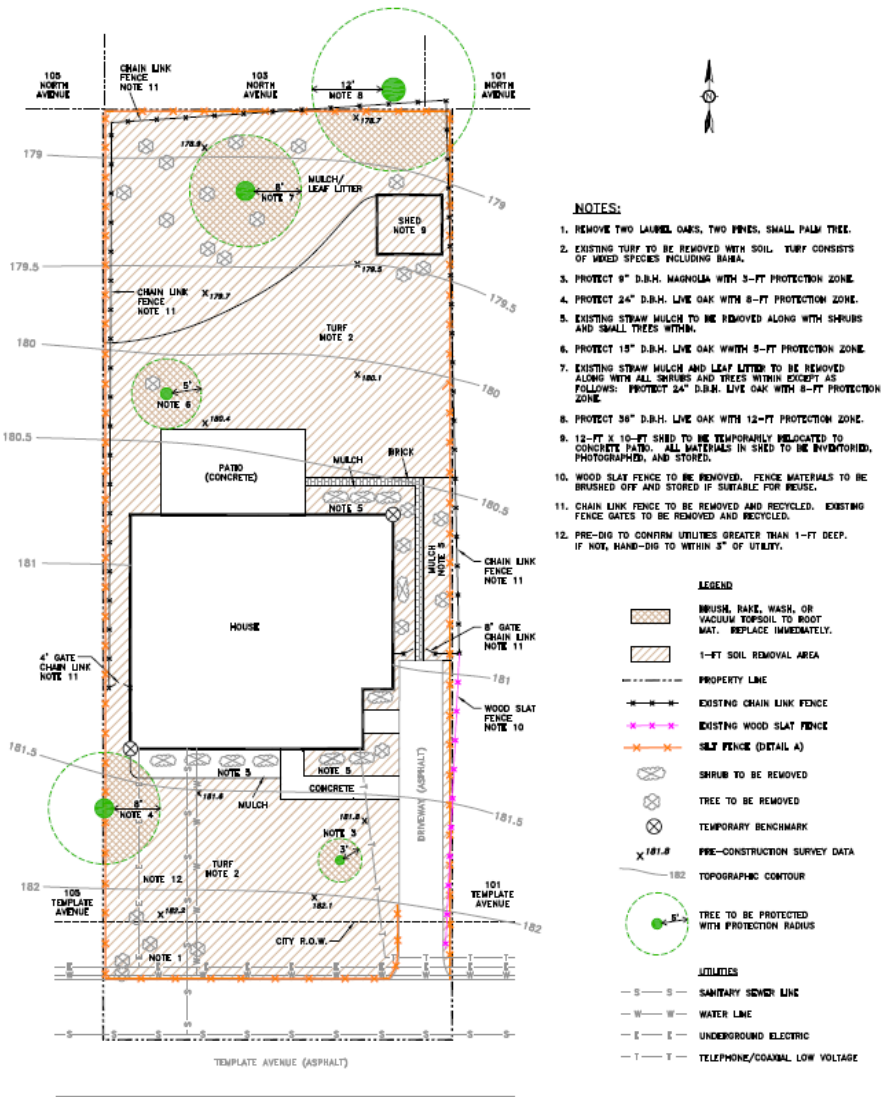




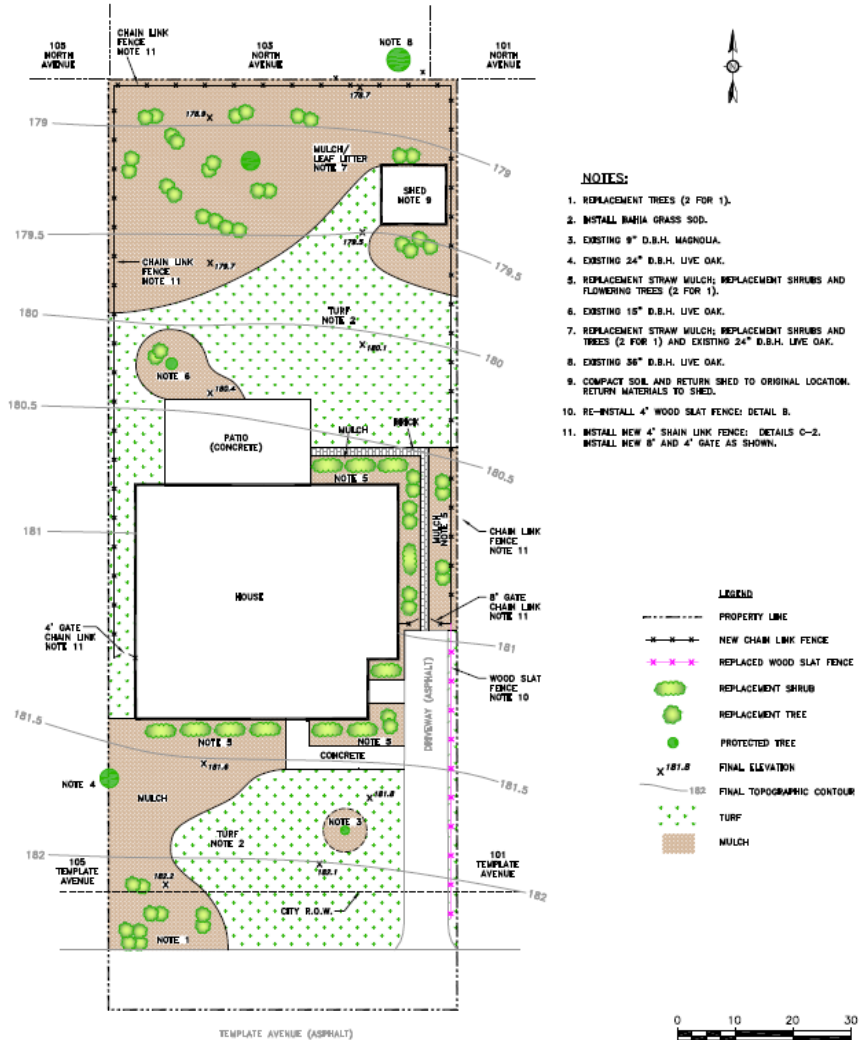
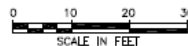
- Remediation parcels have dioxin concentration above 7 parts per trillion in top 6 inches of soil
- Target Levels are very protective
- Outer limits have been defined
- Deeper soil is not contaminated
- Additional sampling conducted for evaluation parcels



# Design & Agreement



SOIL REMOVAL PLAN



FINAL GRADING AND LANDSCAPING PLAN



TITL: SURFACE SOIL REPLACEMENT PLAN			
LOCUS: 103 Template Avenue			
	APPROVED BY:	DATE:	PRJ#:
	DESIGNED BY:	11/7/2023	117-4201288
	DRAWN BY:	5-15-18	3







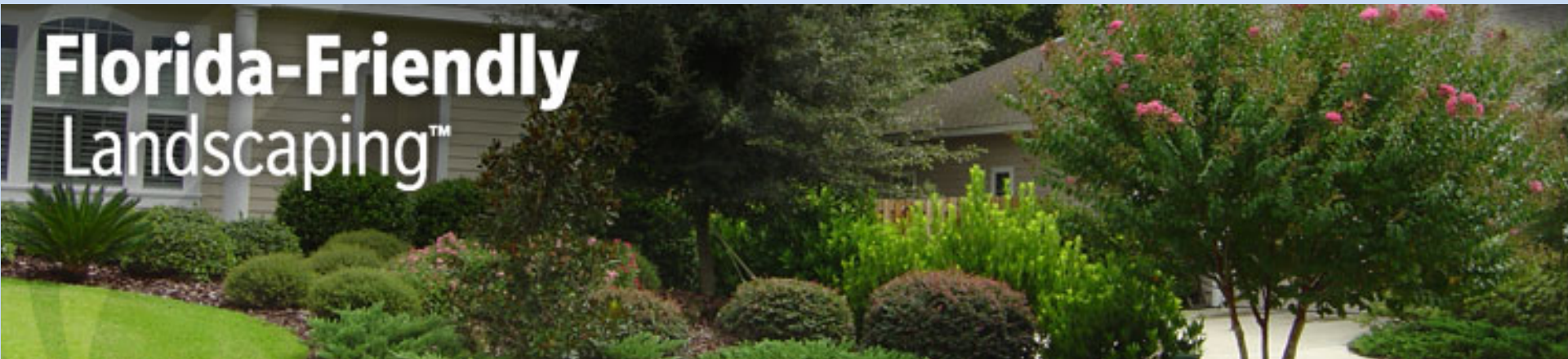












# Florida-Friendly Landscaping™

# Community Participation

- Information sheets
- Community meetings
- Individual contacts
- Contact information
- Beazer local project coordinator (TBD)
- Site tours
- Beazer:
  - Mitchell Brouman
- Tetra Tech:
  - Greg Council
- EPA:
  - Rusty Kestle
- Florida DEP:
  - Kelsey Helton
- Alachua County:
  - John Mousa
- City of Gainesville:
  - Amy Schafer

