

**Former Marble Quarry Landfill  
109 Marbledale Road  
Tuckahoe, New York**

**NYSDEC Brownfield Cleanup Program #C360143**

**Community Meeting # 9**

**March 29, 2017**



*HydroEnvironmental*  
**SOLUTIONS, INC.**

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# Source Area Removals

- As of March 28, 2017, Source Areas 2, 3, 6, 7, 8, 9, 10 and 11 have been removed and backfilled.
- Removed soils went to Bayshore Recycling located in Keasbey, New Jersey.
- CAMP monitoring was in place during all invasive earth moving activities on-site.
- In accordance with the approved RAWP, excavation end-point soil samples were collected and analyzed for VOCs, SVOCs, PCBs, TAL Metals and pesticides.

# Source Area Removals (continued)

- End-point soil samples were taken from the bottom and the sidewalls of the excavation footprint and the results were compared to the Commercial soil cleanup objectives (CSCOs).
- If end-point soil sampling results do not meet CSCOs, additional excavation may be required and warranted; however, it is assumed that excavation completion depths will not exceed 15 feet below grade.
- The excavations were secured using fencing and covered in polyethylene sheeting for odor and dust suppression purposes.

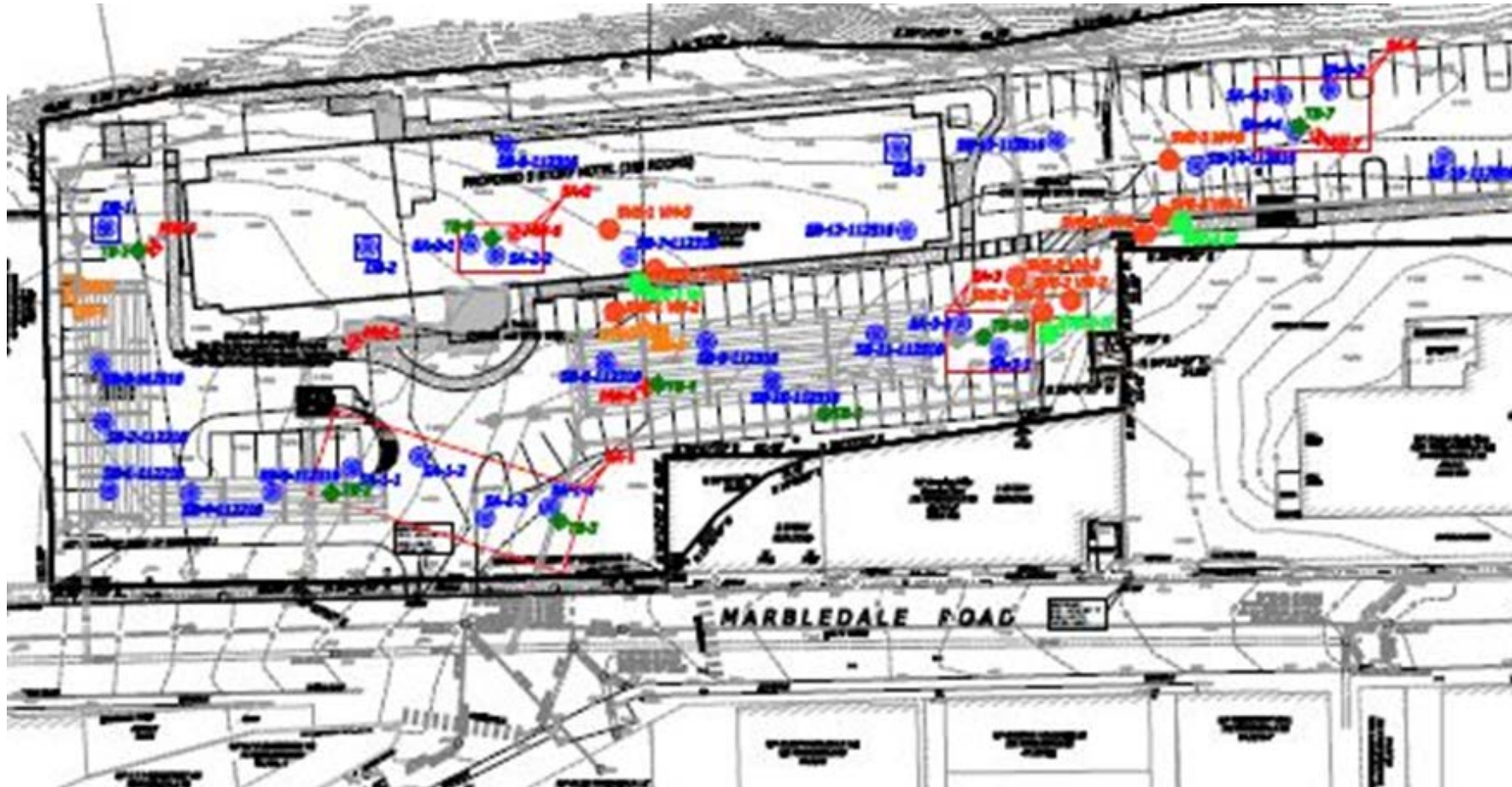
# Remaining Source Areas

- As of March 28, 2017, Source Area 1 and 4 still need to be removed and sampled.
  - Source Area 5 will not be removed based on a review of all soil pre-characterization data (No exceedances of CSCOs).
- Additional areas to be removed include:
  - Soils exceeding CSCOs for Copper and Barium at two SA-2 sidewall sampling locations
  - Soils around SB-11 (Benzo(a)pyrene) (SA-12)

# Remaining Source Areas (continued)

- On March 6, 2017, two (2) approximately 2,000-gallon USTs were found in the northern section of SA-1 (SA-1B).
  - The liquid from the tanks will be removed via vacuum truck and the USTs will be removed by a licensed tank specialist and in accordance with NYSDEC and DOH regulations.
  - All permits have been obtained and removal of the USTs is scheduled to begin on March 31, 2017.

# Remaining Source Areas





# Source Area 1 Removal





# Source Area 1 Removal

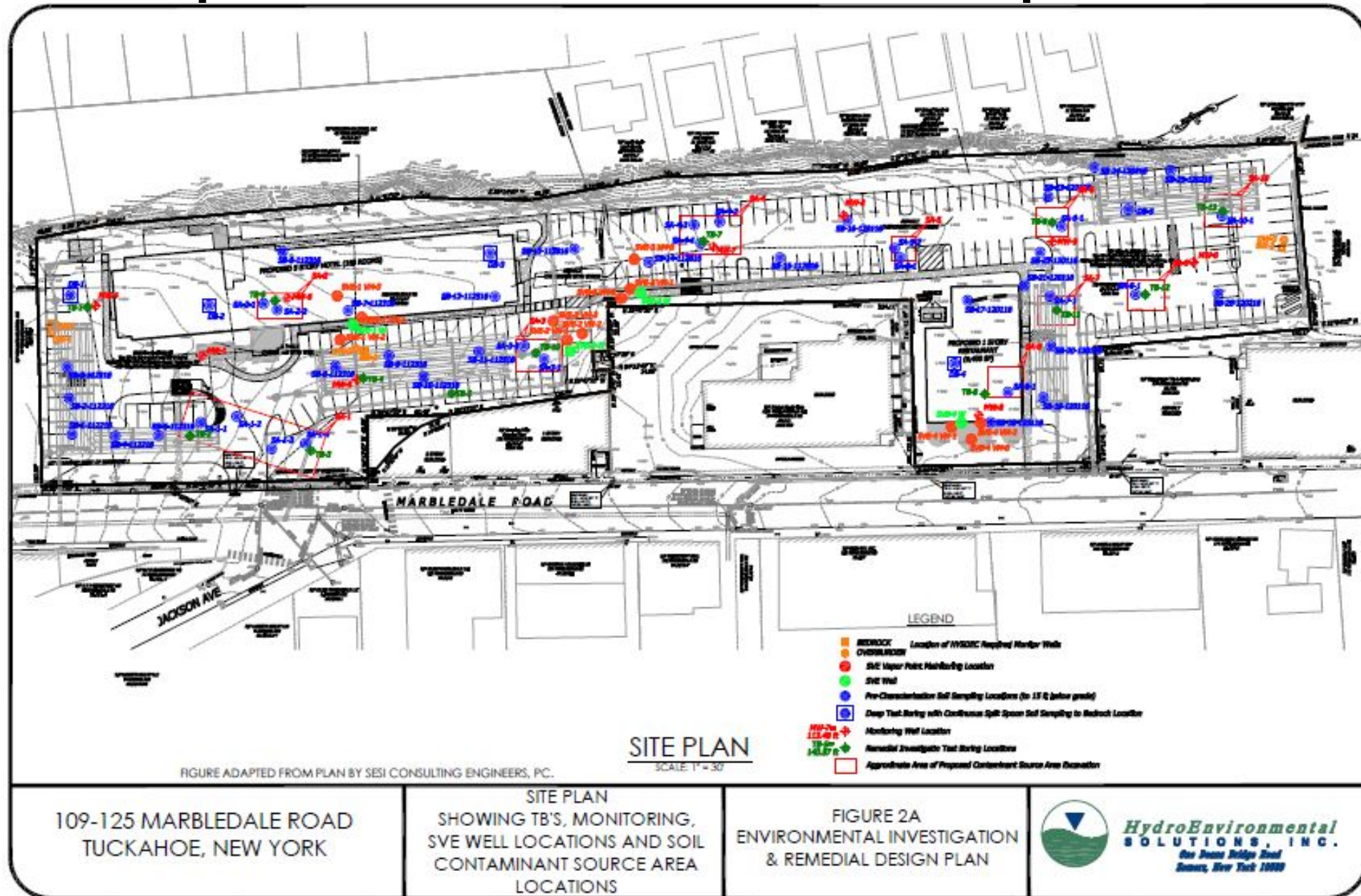




# Aerosol Can Sampling Results

- Dichlorodifluoromethane (Freon 12), isobutane and n-butane were detected in antiperspirant aerosol cans collected from SA-3.
- The recovered cans remain on-site in covered roll-offs while we await a disposal facility.
- Revlon, the owner of the Mitchum Brand, was invited to come to the site to do their own investigation, and did send consultants to the site on March 10, 2017. They elected not to collect any samples even though intact cans in Ziploc bags were offered.
- Since more Revlon products were found in SA-4 and are also awaiting disposal, we have offered Revlon the opportunity to come back to the site.

# Proposed Future Site Development



Thank You for Attending the Tuckahoe  
Community Meeting Related to the  
Marbledale BCP Site!

*Questions?*

