

Perinton Conservation Board Presentation Outline – 39 Jefferson Avenue

Display Figure A – Historical site features

- Greenhouses were present on the site and adjacent parcels to the west from the late 1960s to the mid 1990s. Hoselton purchased the property in 2004. At this time LaBella performed an investigation at the site which included sampling of soils for pesticides. Several pesticide related compounds were identified, however the concentrations were below the NYS Department of Environmental Conservation soil cleanup objectives in effect at the time.
- Neighbor's inquiries to the Town about the former greenhouses led to LaBella performing additional soil sampling at the site in 2016. This sampling discovered pesticide residues in soil at concentrations exceeding DEC unrestricted use soil cleanup objectives.
- DEC has established soil cleanup objectives based on use of site.
 - Unrestricted use
 - 4 restricted use categories – residential, restricted residential, commercial, industrial
- LaBella prepared a remediation work plan which was reviewed and approved by Town of Perinton. The goal of the work plan was to reach unrestricted use soil cleanup objectives although restricted residential use cleanup objectives would be appropriate based on the planned development.

Display Figure B – Excavation Extent and Confirmatory Sampling

- Remediation began in May 2016 and continued through August. Prior to excavation silt fence was installed around site to prevent runoff from site.
- At all times during excavation real time particulate monitoring was performed.
 - Used NYS Department of Health guidance for Community Air Monitoring. Same procedures utilized during cleanup of sites in the Brownfield Cleanup Program and Inactive Hazardous Waste (Superfund) site program.
 - Only one exceedence of DOH particulate thresholds was recorded, was from an upwind monitor meaning it was dust coming to the site from an off-site location.
- A total of 3,691 tons of soil with low concentrations of pesticides were removed and disposed at High Acres Landfill.
- Soil samples were collected from the base and sidewalls of the excavation and were submitted to a laboratory for analysis to document effectiveness of the cleanup. Several additional excavation events were performed based on the analysis. All but 6 of the final samples contained pesticide concentrations below DEC unrestricted use SCOs.
 - 4 samples on western property line – could not dig any further due to the property line.
 - 2 samples on southern property line. Further excavation would expose tree roots and potentially severely damage or kill the trees.
 - Concentrations in these 6 samples ranged from 0.00457 parts per million to 0.158 ppm. Unrestricted use SCO is 0.0033 ppm.
 - Concentrations in all samples are well below DEC residential SCO – 1.7 ppm.
 - Residential use is land use category which allows a site to be used for any use other than raising livestock or producing animal products for human consumption.
 - Future site use is mixed commercial.
- After cleanup, both Monroe County Department of Public Health and DEC determined that the cleanup exceeded applicable standards and that there was not a public health concern.