

# Public Drinking Water

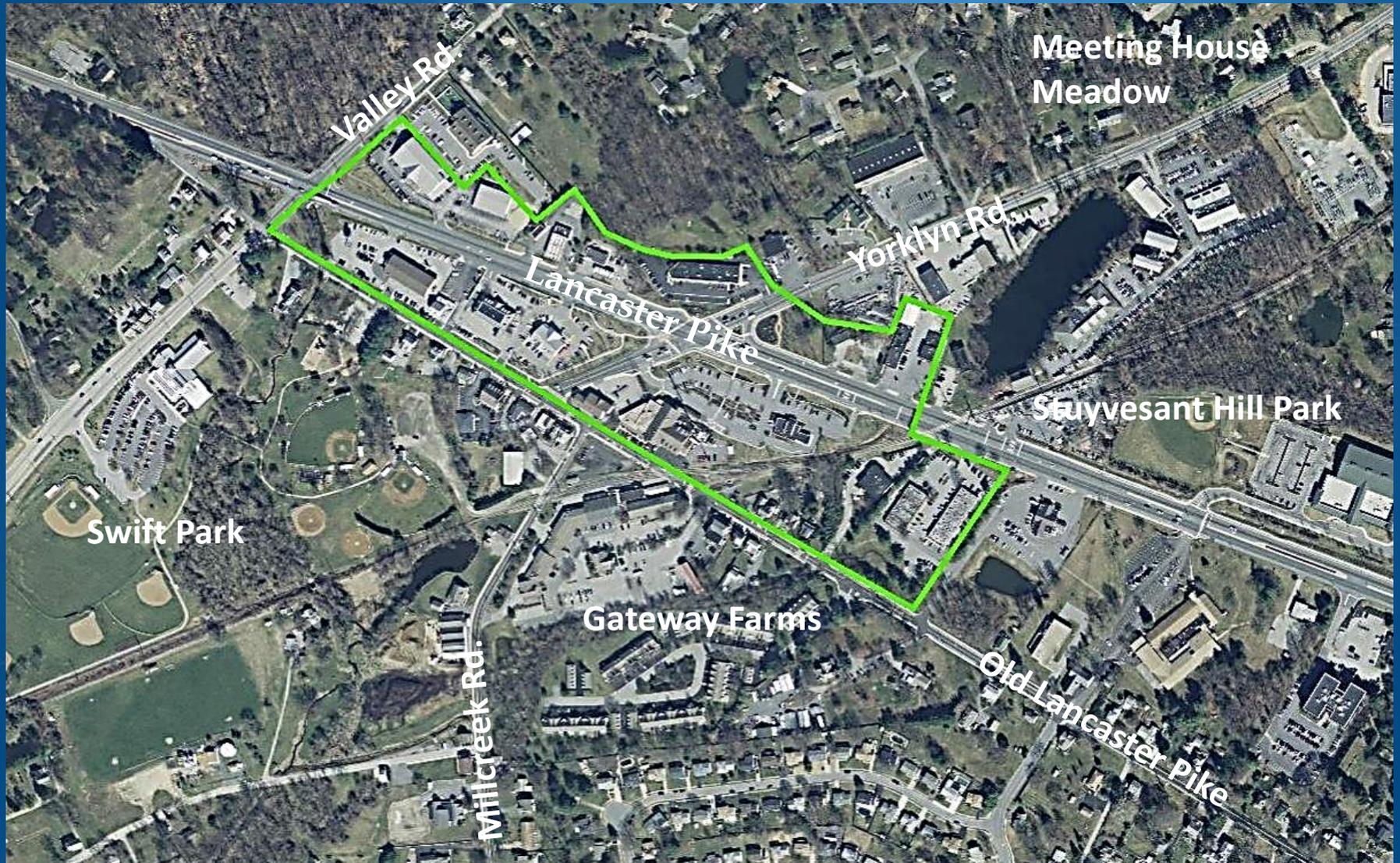
- Public drinking water in the Hockessin area is provided by Artesian Water Company, and is treated to remove VOCs. The finished drinking water continues to meet federal and state safe drinking water standards, according to Artesian's annual water quality reports.
- Artesian's annual water quality reports are available at:

<http://www.artesianwater.com/customer-service-center/artesian-water-quality-reports>

# Hockessin Ground Water Plume Site Investigation Community Update

June 19, 2017

# Preliminary Assessment Location



# A Bit of History

- 2005 Preliminary Assessment (PA) completed
  - 9 potential sites identified
    - 4 service stations
    - 4 drycleaners
    - 1 auto service center
- 2012 Sunrise Cleaners Limited Phase II investigation reported PCE in soil
  - VCP Agreement entered into in 2013
  - Soil and ground water investigation in 2013-14
- DPH contacted by a private well homeowner
  - At DNREC's request, this well, and 2 private wells nearby were sampled by DPH in Sept.-Oct. 2014 . Low levels of PCE were detected. Carbon systems installed on the 3 wells by DNREC. At DNREC's request, DPH continues to sample the 3 private wells semi-annually.

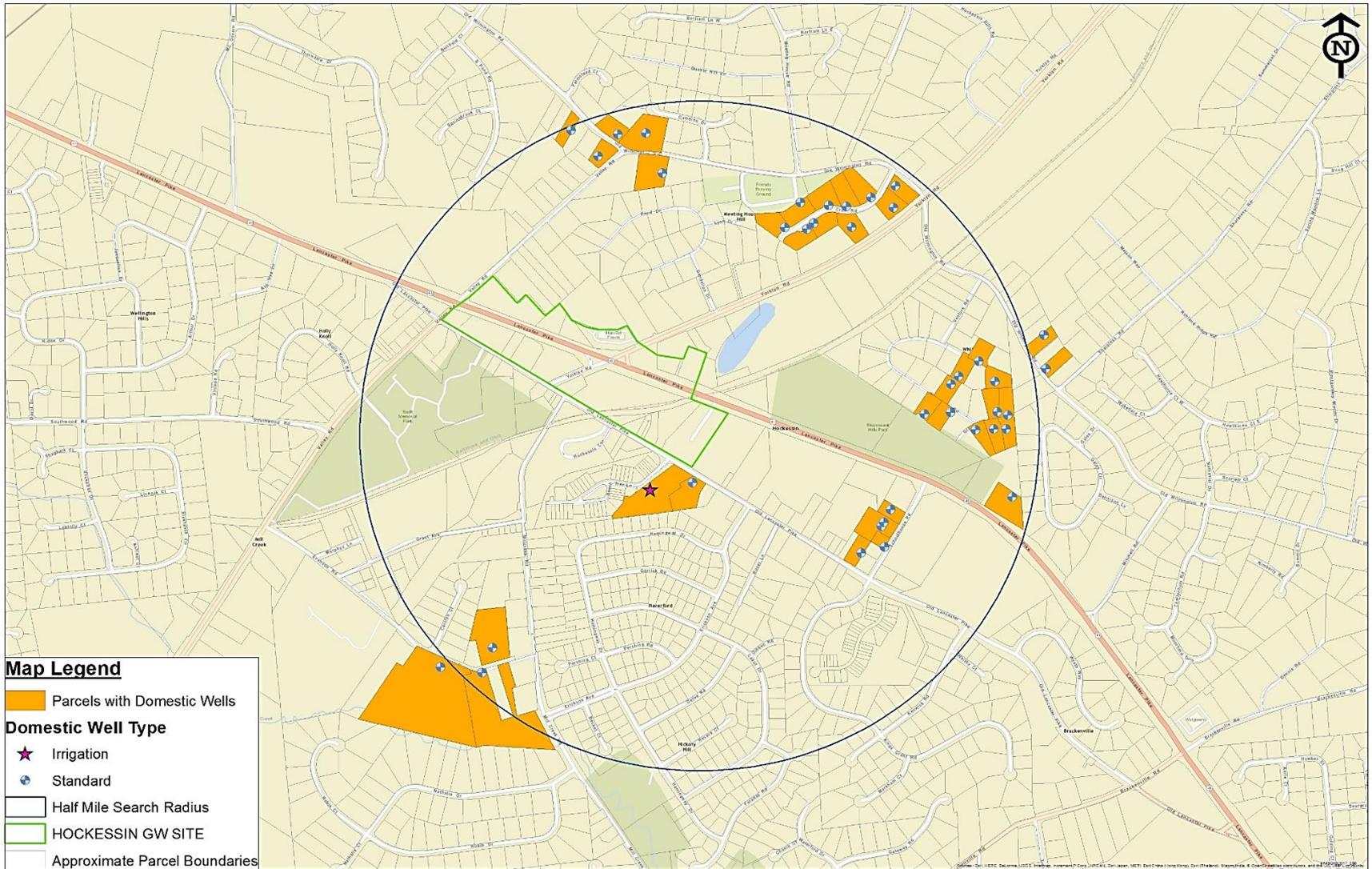
# Sunrise Cleaners



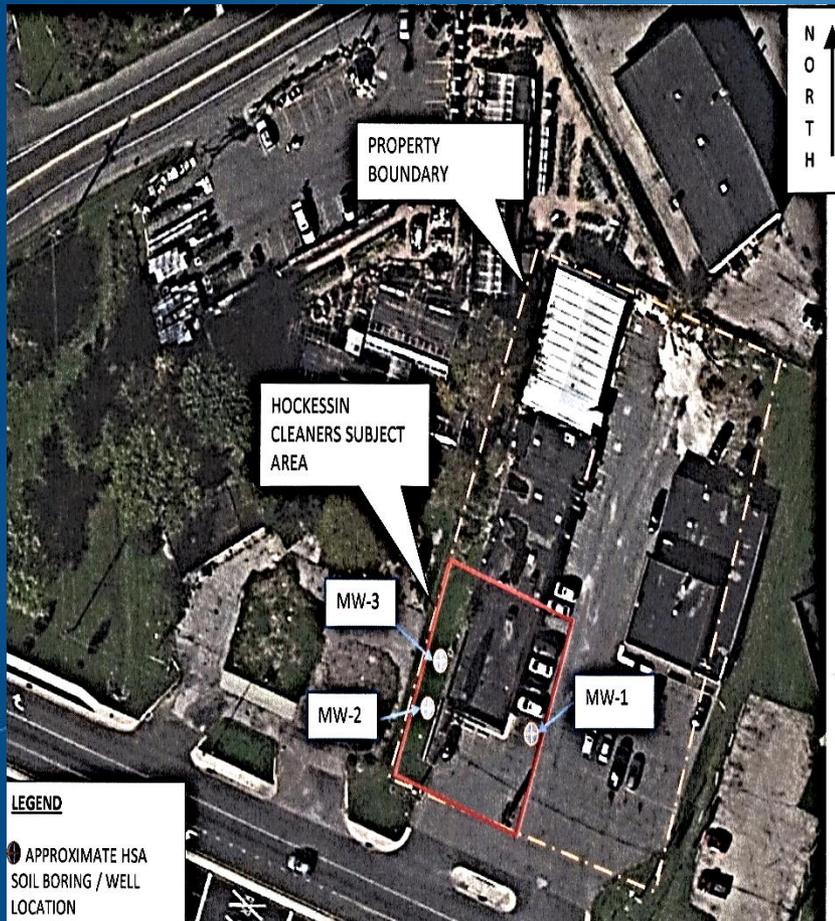
# Since October 2014

- Artesian assisted DNREC with identifying 38 properties with private wells
  - At DNREC's request, 31 private and 1 irrigation well sampled by DPH in Dec. 2014 - March 2015
  - Could not sample several properties
- 2015 DNREC Facility Evaluations (FE) completed at Hockessin and Thompson Cleaners
  - PCE detected in soil at Hockessin Cleaners
  - No VOCs detected in soil at Thompson Cleaners

# Private Wells within 1/2 mile Radius



# Hockessin Cleaners



# Thompson Cleaners



# Since October 2014 *Continued...*

- 2015 - sampled 9 wells at the former Gulf station for full VOCs, no chlorinated solvents (PCE/TCE) were detected
- AS/SVE implemented and full scale in 2015-16 at Sunrise Cleaners
- Hockessin Cleaners entered VCP 2016 for soil and ground water investigation
  - Investigation detected PCE in soil and ground water

# Former Cumberland Farms Gulf



# DNREC Sites of Interest



# Reynolds Cleaners



# Since October 2014 *Continued...*

- DNREC requested federal assistance from US EPA in resolving ground water concerns June 2016
- US EPA agreed to perform environmental assessment to determine if site warrants further long-term investigation and cleanup
- US EPA initiates assessment in 2016-17
- US EPA continued involvement

# DNREC Information

For more information regarding DNREC's previous investigations at the Hockessin Ground Water Plume Site and other nearby sites , please visit DNREC's Delaware Environmental Navigator (DEN) at: <http://www.nav.dnrec.delaware.gov/DEN3/> for the following sites:

DE-1317: Hockessin Groundwater Site

DE-1591: Hockessin Cleaners

DE-1532: Sunrise Cleaners

DE-1590: Thompson Dry Cleaners

For additional information or questions regarding DNREC's investigations, please contact:

Timothy Ratsep, Administrator; or Paul Will, Environmental Program Manager; DNREC's Site Investigation and Restoration Section; 302-395-2600; or by email at:

[Timothy.Ratsep@state.de.us](mailto:Timothy.Ratsep@state.de.us) or [Paul.Will@state.de.us](mailto:Paul.Will@state.de.us)

DNREC's webpage for the Hockessin Ground Water Plume Site:

<http://www.dnrec.delaware.gov/dwhs/SIRB/Pages/Hockessin-Ground-Water-Plume-Site.aspx>