



LEGEND

- Collection Well
- Monitoring Well
- Waterloo Monitoring Well
- Residential Well
- Bridge Surface Gauging Point
- Lift Station
- Off-Site Recovery Well
- Spring
- Staff Gauge
- Surface Water
- Quarry

Cah Antietam & Harpers Formation, undiv.
Cv Vintage Formation
Ck Kinzers Formation
Cl Ledger Formation

- Groundwater Contour (Feet AMSL) 10/7/14 *
- Harley-Davidson Property Boundary
- West Campus Property Line
- Existing Building
- Demolished/Slab Remains
- Demolished/Slab Removed
- Wetland Boundary (2006)
- Existing Water Feature
- Existing Stream
- Road (Paved)
- Road Curb
- Road (Unpaved)
- Walkway
- Fenceline
- TCE Concentration >5 <50 ppb
- TCE Concentration >50 <100 ppb
- TCE Concentration >100 <500 ppb
- TCE Concentration >500 <1,000 ppb
- TCE Concentration >1,000 <10,000 ppb
- TCE Concentration >10,000 ppb

MW-22 Location
(30-100) Open Interval
395.41 Groundwater Elevation (Feet AMSL) Used in Contouring

MW-102D Location
(75-99) Open Interval
399.48 Groundwater Elevation (Feet AMSL) Not Used in Contouring

NOTES:

- 1) NA - Not Available.
- 2) Groundwater elevations from event on October 7th 2014.
- 3) * Groundwater contours in the Canterbury Lane Residential Area follow the pattern established in April 2015. Wells were not installed until 2015. Contours shown on Figure 2.3-13.
- 4) See Plate 1 for Chemistry Details.
- 5) Isoconcentration contours represent the shallow groundwater chemistry, which, except for the higher elevations to the north and east, is approximately 310 feet AMSL, approximately 40 to 50 feet below ground surface in the CPA and WPA, using the three-dimensional contouring from the cross sections presented in Section 3.1. In the upper elevations, concentrations from wells in the top 100 feet below ground surface were generally used to construct isoconcentration contours. Where there are well couplets open to different depths, the shallower of the two couplets is used.

Figure 3.1-25
(revised 1/18/2018)

Former York Naval Ordnance Plant
1425 Eden Road, York, PA 17402

South Plume Area (SPA) Geology, Groundwater Elevation and TCE Plume

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