

LEGEND

- Monitoring Well
- Active Collection Well
- Residential Well
- Lift Station
- Spring
- Inferred cis-12DCE Concentration Contour (ppb)
- cis-12DCE Concentration 50 ppb
- cis-12DCE Concentration 100 ppb
- cis-12DCE Concentration 500 ppb
- cis-12DCE Concentration 1000 ppb
- PCE, Known Source Area
- PCE, Suspected Source Area
- TCE, Known Source Area
- TCE, Suspected Source Area
- Contact
- Block Fault
- Thrust Fault
- Chickies Formation
- Antietam & Harpers Formation, undiv.
- Vintage Formation
- Kinzers Formation
- Ledger Formation
- Harley-Davidson Property Boundary
- Buildings
- Railroad (2006)
- Roads and Curb Boundary (2006)



Geologic mapping from Pennsylvania DCNR geologic map (1980).

Concentration contours incorporate an interpretation of the hydro-dynamics of the groundwater system based on concentration changes over time, natural gradients, observed responses to pumping, and known and suspected source areas.

Contour lines represent concentrations expected in the groundwater within the interconnected fractures and solution channels in the saturated zone.

Although historical chemistry data does not appear on this map, chemistry data from abandoned wells was considered in the construction of concentration contours. Concentration trend graphs were used to predict 2008 concentrations in abandoned wells.

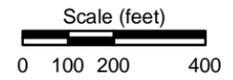


Figure 4.1-7

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

Site Wide cis-1,2-DCE Plume
2007-2009

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