N
W E
S

LEGEND

- Active Collection Well
- Monitoring Well
- Residential Well
- > or = 14000 ug/l
- Inferred TCE Concentration Contour (ppb)
- TCE Concentration 50 ppb
- TCE Concentration 100 ppb
- TCE Concentration 500 ppb
- TCE Concentration 1000 ppb
- TCE, Known Source Area
- TCE, Suspected Source Area
- Harley-Davidson Property Boundary
- Buildings
- Railroad (2006)
- Roads and Curb Boundary (2006)

**Aqueous solubility for TCE = 1,400 mg/l .*
1% solubility for TCE = 14,000 µg/l.
(Broholm and Feenstra [1994])

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 ground-water 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.

Scale (feet)
0 75 150 300

Figure 5.2-4

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

Suspected TCE DNAPL Areas
Based on 1% Solubility

DRAWN BY: JPB	CHECKED AND APPROVED BY: SMS	DATE: 8/18/2011

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