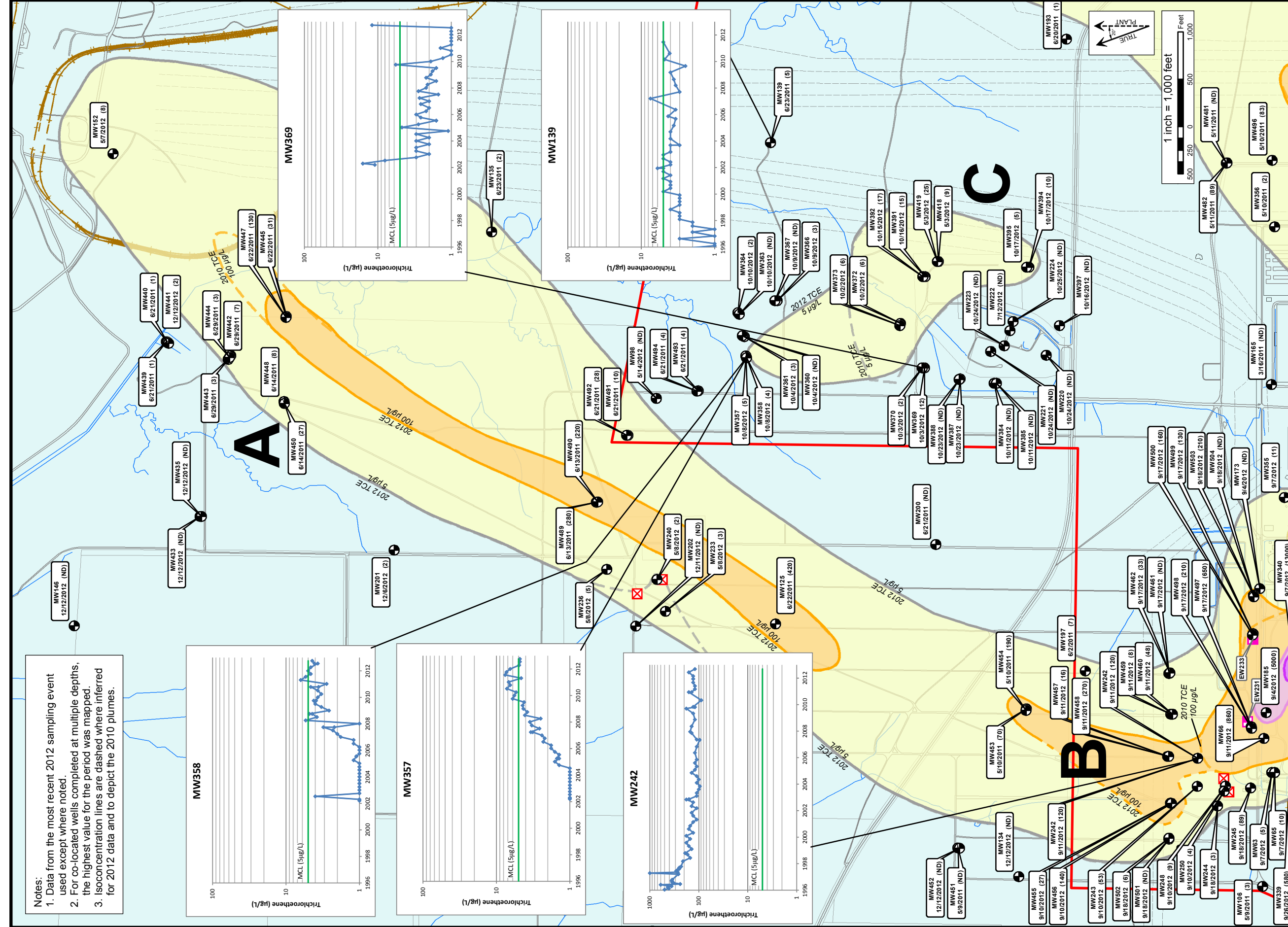
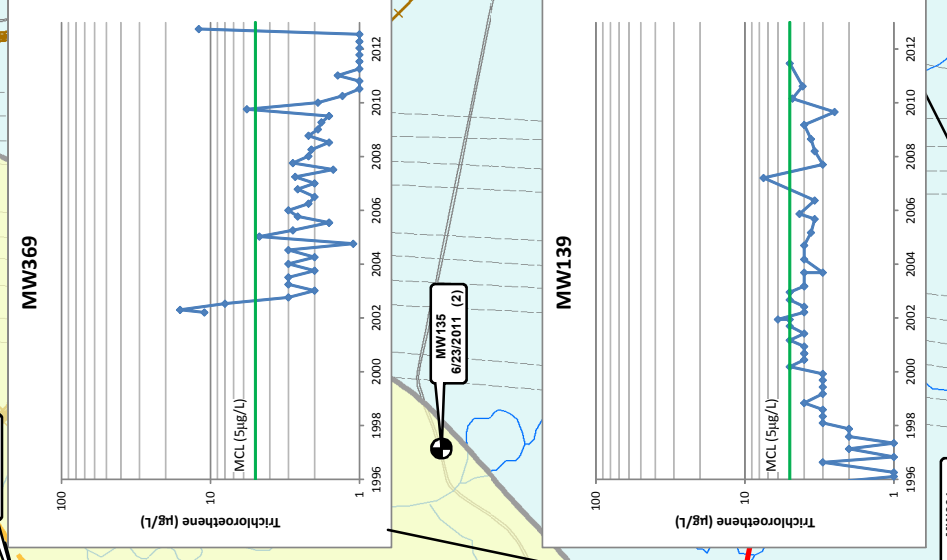
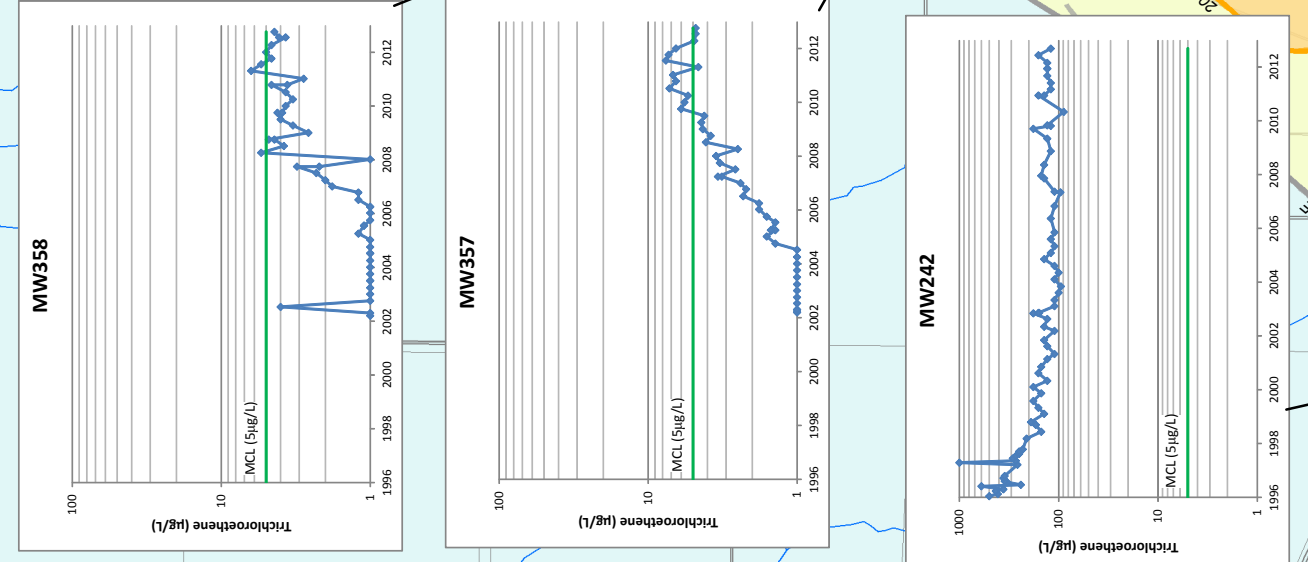


Notes:
 1. Data from the most recent 2012 sampling event used except where noted.
 2. For co-located wells completed at multiple depths, the highest value for the period was mapped.
 3. Isoconcentration lines are dashed where inferred for 2012 data and to depict the 2010 plumes.



LEGEND

2012 TCE Plume Concentration Fields

- 5 - 100 µg/L
- 100 - 1,000 µg/L
- 1,000 - 10,000 µg/L
- 10,000 - 100,000 µg/L
- ≥ 100,000 µg/L

2010 TCE Plume Isoconcentration Lines

- 5 - 100 µg/L
- 100 - 1,000 µg/L

Areas of Investigation during 2011-2012

- Parcel Lines
- Monitoring Well Identification, Date of Sample & Sample Value
- RGAs Well
- Extraction Well

Water Policy Area

- DOE Property Boundary
- Roadways
- Streams
- Railroad
- TVA Powerlines

LATA Environmental Services of Kentucky, LLC

U.S. DEPARTMENT OF ENERGY
 PORTSMOUTH/PADUCAH PROJECT OFFICE
 PADUCAH GASEOUS DIFFUSION PLANT

Figure 1. 2012 Northwest Portion of the TCE Plume Regional Gravel Aquifer

FILE NAME: Fig_01_2010_2012_Plumes_TCE_NWR2 SCALE: AS NOTED PROJECT #: EM DATE: 12/13/2013