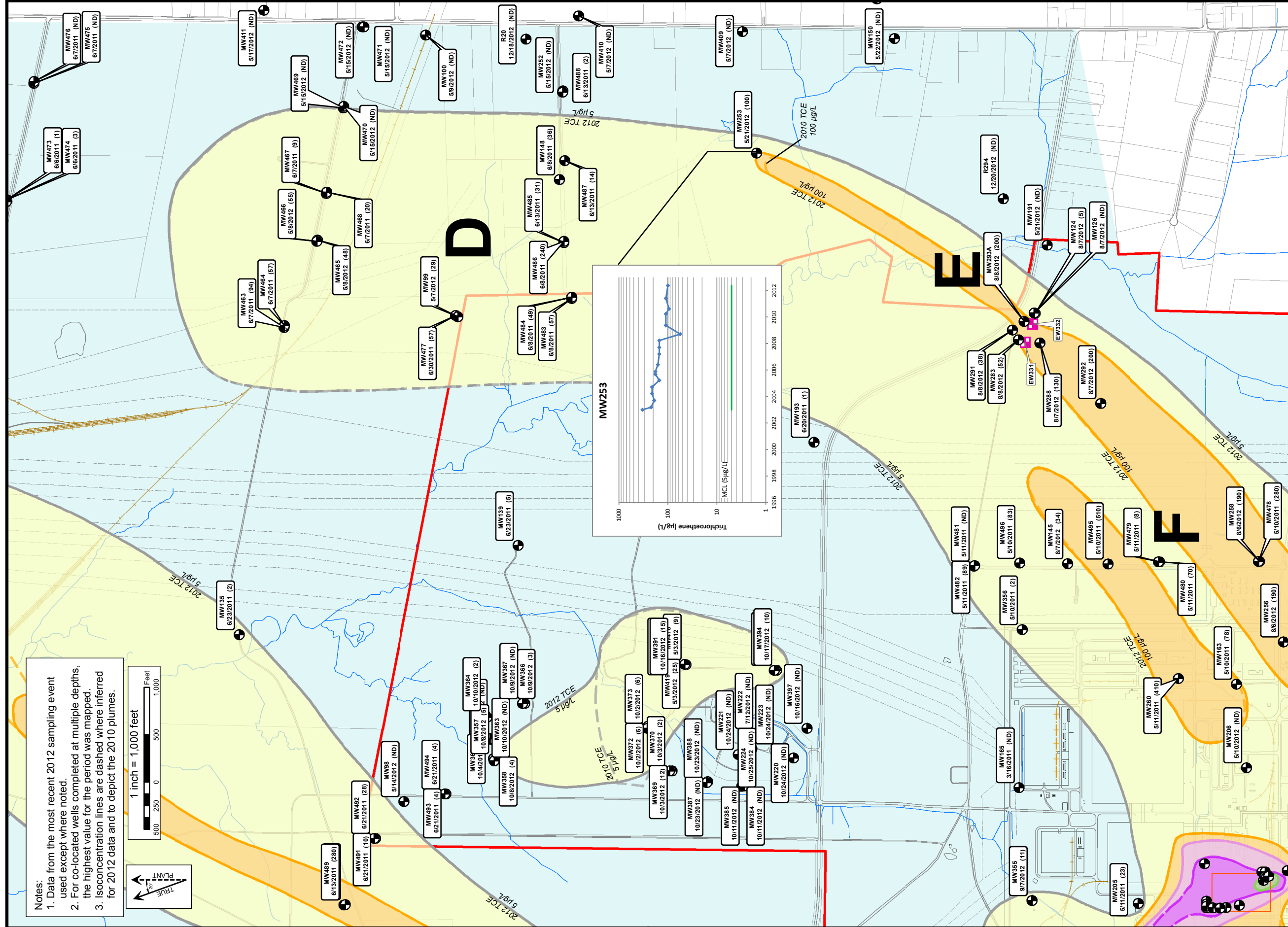


- Notes:
1. Data from the most recent 2012 sampling event used except where noted.
 2. For co-located wells completed at multiple depths, the highest value for the period was mapped.
 3. Isoconcentration lines are dashed where inferred for 2012 data and to depict the 2010 plumes.



- 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
 - Water Policy Area
 - Areas of Investigation during 2011-2012
 - Parcel Lines
 - Monitoring Well Identification, Date of Sample & Sample Value
 - MW193 6/17/2012 (ND)
 - MW193 6/20/2011 (1)
 - RG&A Well
 - Extraction Well
 - 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 2. 2012 Northeast Portion of the TCE Plume Regional Gravel Aquifer

FILE NAME: Fig_02_2010_2012_Plumes_TCE_NER1 PROJECT # EM SCALE: AS NOTED DATE: 12/13/2013