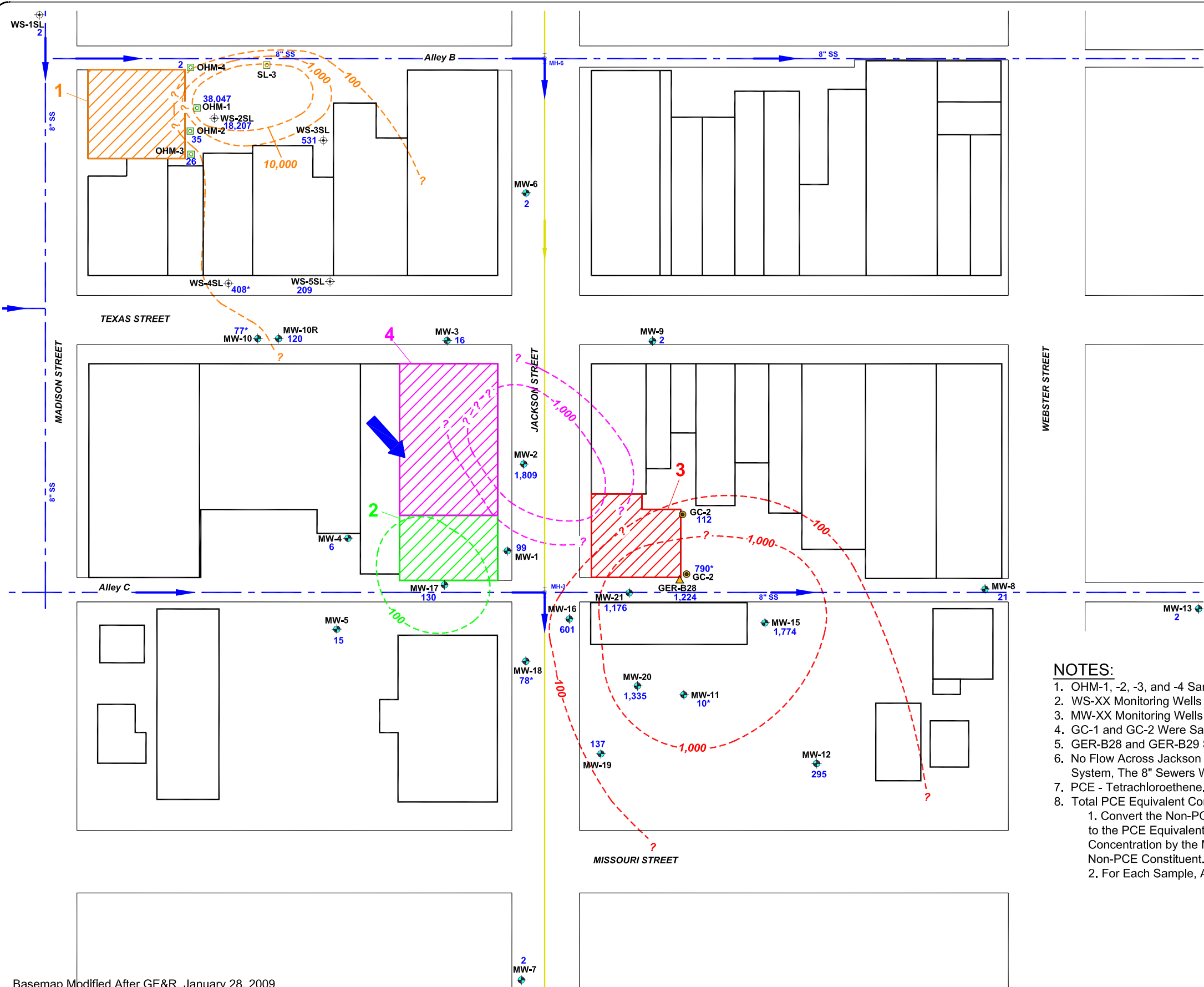


E:\Conceptual Site Model\Figure 3 - PCE\_Equivalent Shallow.dwg Layout: PCE-Equivalent May 11, 2012 - 2:06pm



## LEGEND

- MW-3** Monitoring Wells MW-1 Through MW-5 Installed by Versar, Inc. (2003); Monitoring Wells MW-6 Through MW-10 Installed by Enviroforensics (August 4, 2005); Monitoring Wells MW-11 Through MW-13 Installed by Enviroforensics (February 16, 2006); All Other Wells Installed by GE&R.
- WS-3** Monitoring Well Installed by E<sub>2</sub>C (E<sub>2</sub>C January 30, 2012)
- OHM-4** Boring Location Advanced by GE&R (GE&R June 14, 2011)
- SL-1** Boring Location Advanced by E<sub>2</sub>C (E<sub>2</sub>C January 30, 2012)
- GC-2** Boring Location Advanced by GE&R (GE&R November 4, 2011)
- GER-B28** Boring Location Advanced by GE&R (GE&R November 4, 2011)
- Known and Potential Contributing Sources**
- 1** 712-716 Madison Street
- 2** 625 Jackson Street
- 3** 622-630 Jackson Street
- 4** 901-905 Texas Street
- Flow from Alley Enters Jackson Street Sewer Main Which Discharges to the South
- 8" Sanitary Sewer Main Approximately 4 feet bgs
- 42" Sanitary Sewer Main Approximately 12 feet below ground surface
- 100** Total PCE Equivalent Concentration Contour, Dashed When Inferred and Queried Where Uncertain
- 1,774** PCE Concentration in Micrograms per Liter
- \*** Data Appear to be Anomalous Relative to the Adjacent Wells and Was Not Used for Contouring
- Approximate Groundwater Flow Direction

## NOTES:

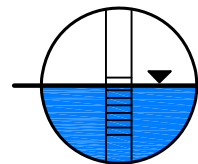
- OHM-1, -2, -3, and -4 Sampled in May, 2011 (E<sub>2</sub>C July 29, 2011).
- WS-XX Monitoring Wells Sampled in November 2011 (E<sub>2</sub>C January 30, 2012).
- MW-XX Monitoring Wells Sampled in February 2012 (GE&R March 28, 2012).
- GC-1 and GC-2 Were Sampled by GE&R in August 2011.
- GER-B28 and GER-B29 Sampled in December 2010 (GE&R November 4, 2011).
- No Flow Across Jackson Street from Alley B and Alley C 8" Sanitary Sewers; Based on Construction of Sewer System, The 8" Sewers West of Jackson Street Discharge to the 42" Sewer Main Beneath Jackson Street.
- PCE - Tetrachloroethene.
- Total PCE Equivalent Concentration Was Calculated As Follows:
  - Convert the Non-PCE Constituent (TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1-DCE and VC) Concentrations to the PCE Equivalent Concentration in Each Sample. That is Multiply the Non-PCE Constituent Concentration by the Molecular Weight of PCE and Divide by the Molecular Weight of the Respective Non-PCE Constituent.
  - For Each Sample, Add the Calculated PCE Equivalent Concentrations to the Detected PCE Concentration.

**DRAFT**



N

Basemap Modified After GE&R, January 28, 2009



**GROUND ZERO  
ANALYSIS, INC.**

Date:	05/11/12
Designed:	SB
Drawn:	OS
Checked:	SB
DWG file:	Fig. 3

## TOTAL PCE EQUIVALENT CONCENTRATION CONTOURS - SHALLOW GROUNDWATER

Conceptual Site Model  
Fairfield, California

Figure

**3**

Project

**812**