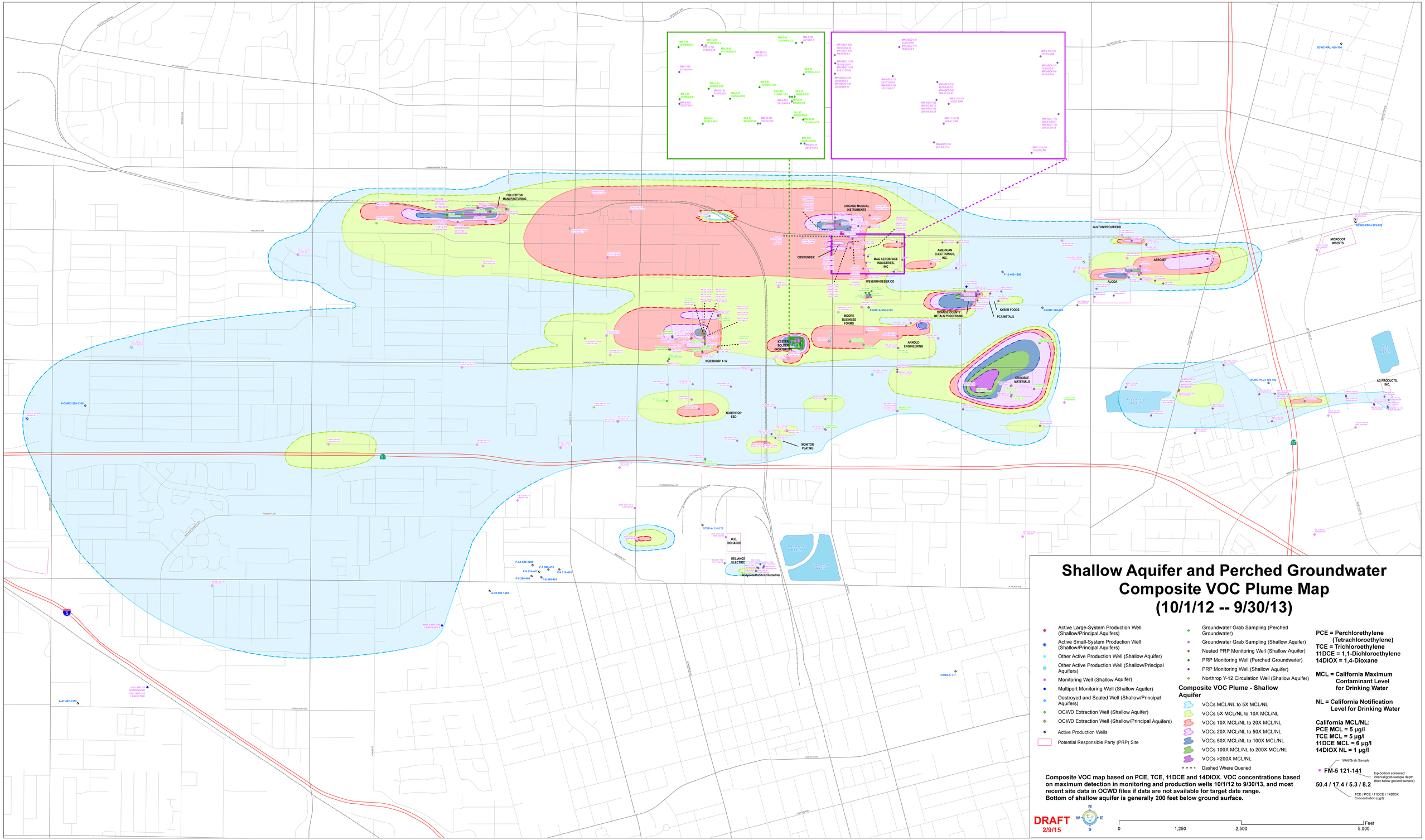

Shallow Aquifer and Perched Groundwater Composite VOC Plume Map (10/1/12 -- 9/30/13)

- Active Large-System Production Well (Shallow/Principal Aquifers)
- Active Small-System Production Well (Shallow/Principal Aquifers)
- Other Active Production Well (Shallow Aquifer)
- Other Active Production Well (Shallow/Principal Aquifers)
- Monitoring Well (Shallow Aquifer)
- Multiport Monitoring Well (Shallow Aquifer)
- Destroyed and Sealed Well (Shallow/Principal Aquifers)
- OCWD Extraction Well (Shallow Aquifer)
- OCWD Extraction Well (Shallow/Principal Aquifers)
- Active Production Wells
- Potential Responsible Party (PRP) Site
- Groundwater Grab Sampling (Perched Groundwater)
- Groundwater Grab Sampling (Shallow Aquifer)
- Nested PRP Monitoring Well (Shallow Aquifer)
- PRP Monitoring Well (Perched Groundwater)
- PRP Monitoring Well (Shallow Aquifer)
- Northrop Y-12 Circulation Well (Shallow Aquifer)

Composite VOC Plume - Shallow Aquifer

- VOCs MCL/NL to 5X MCL/NL
- VOCs 5X MCL/NL to 10X MCL/NL
- VOCs 10X MCL/NL to 20X MCL/NL
- VOCs 20X MCL/NL to 50X MCL/NL
- VOCs 50X MCL/NL to 100X MCL/NL
- VOCs 100X MCL/NL to 200X MCL/NL
- VOCs >200X MCL/NL
- Dashed Where Queried

PCE = Perchlorethylene (Tetrachloroethylene)
TCE = Trichloroethylene
11DCE = 1,1-Dichloroethylene
14DIOX = 1,4-Dioxane

MCL = California Maximum Contaminant Level for Drinking Water

NL = California Notification Level for Drinking Water

California MCL/NL:
PCE MCL = 5 µg/l
TCE MCL = 5 µg/l
11DCE MCL = 6 µg/l
14DIOX NL = 1 µg/l

Well/Grab Sample
FM-5 121-141 — top-bottom screened interval/grab sample depth (feet below ground surface)
50.4 / 17.4 / 5.3 / 8.2 — TCE / PCE / 11DCE / 14DIOX Concentration (ug/l)

Composite VOC map based on PCE, TCE, 11DCE and 14DIOX. VOC concentrations based on maximum detection in monitoring and production wells 10/1/12 to 9/30/13, and most recent site data in OCWD files if data are not available for target date range. Bottom of shallow aquifer is generally 200 feet below ground surface.

DRAFT
2/9/15

N W E S

0 1,250 2,500 5,000 Feet