



Phoenix-Goodyear Airport: North Superfund Site Update

May 1, 2014

Community Advisory Group Quarterly Meeting
Avondale, AZ



PGA North Update

- Draft ROD Amendment (EPA)
- ADEQ and EPA HQ will review (June)
- On Site (Crane):
 - NW Injection well & pipeline
 - EA-10 & IA-09
 - Source Area Soil borings



PGA North Summary



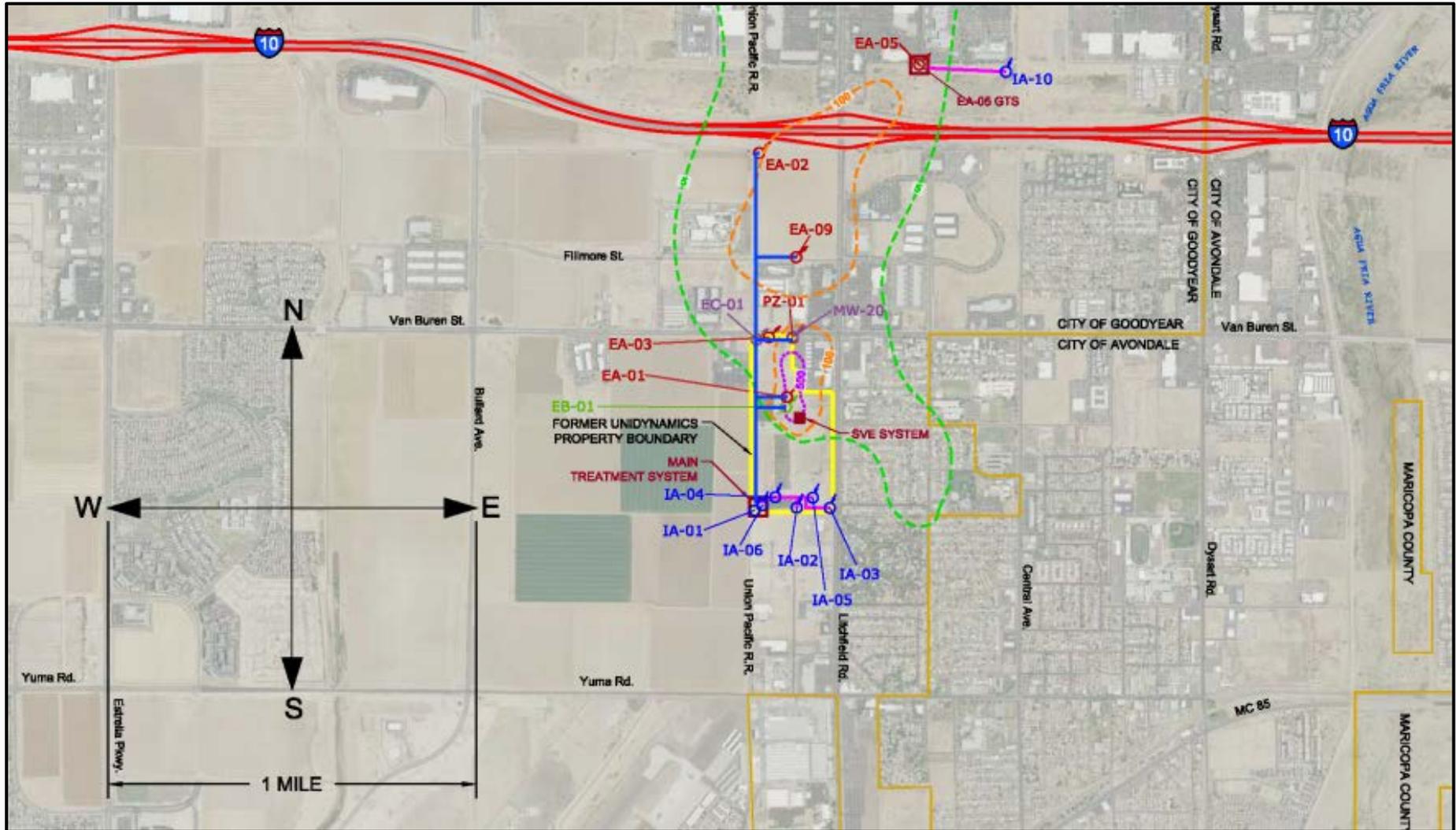
- Drinking water is protected
- Current cleanup has focused on preventing spread of contamination to public water supply wells
- Soil & groundwater contamination has been investigated

EPA's Preferred Alternative



- Use iron (nZVI, ZVI) in combination with microbial action (Anaerobic Reductive Dechlorination).
- Keeps the existing hydraulic control in place
 - Ensure its effectiveness
 - Capture Site contaminants closer to the Source Area.
- Fast and Effective

EA-10 & IA-09



U.S. EPA REGIONS

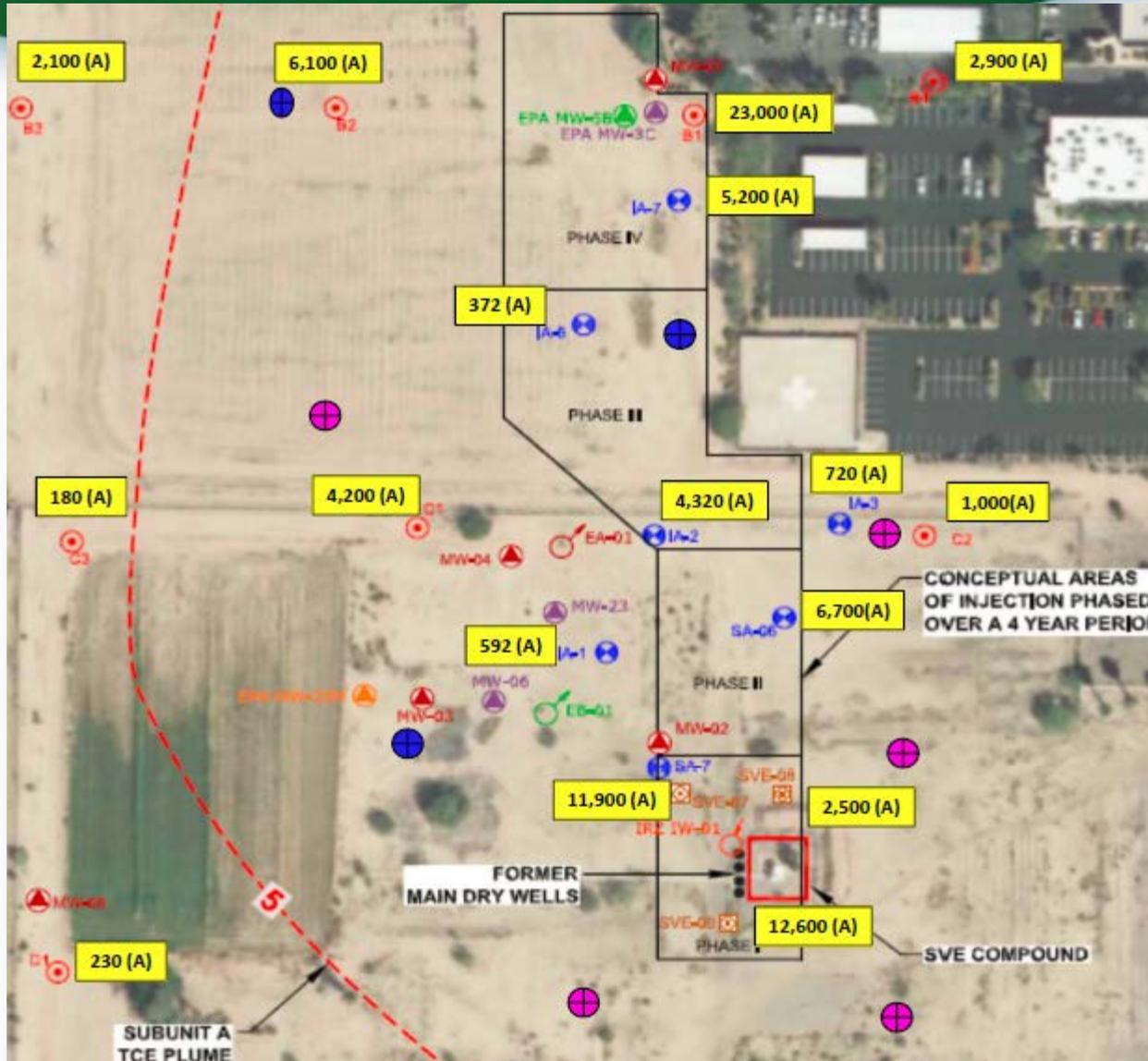
Target Treatment Zone (1000 ug/L)



Legend:

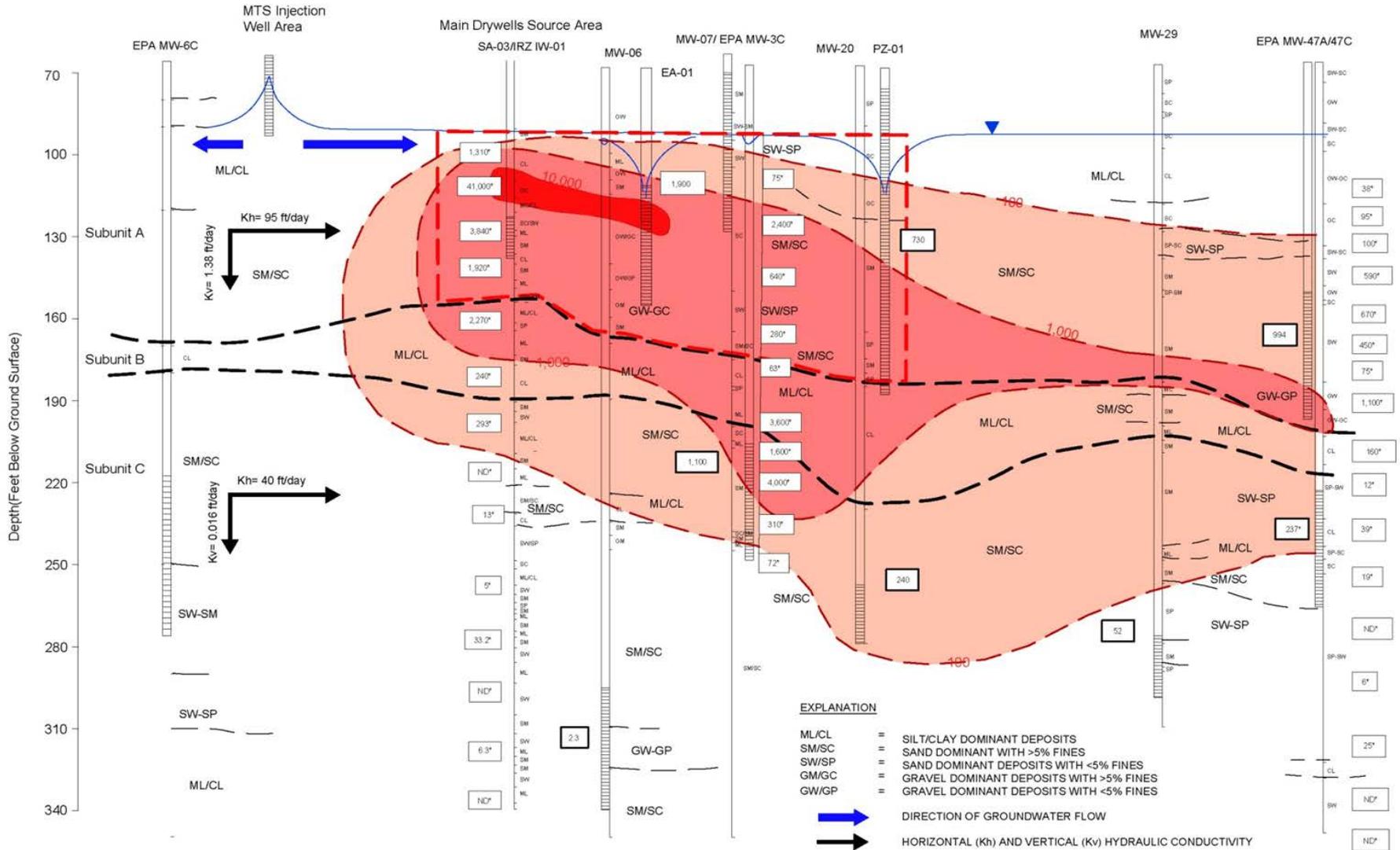
- EPA MW-55A  Subunit A monitor well
- EA-07  Subunit A extraction well
- EPA MW-48C  Subunit C monitor well
- EPA MW-28M  MAU monitor well
- IRZ IW-01  Injection well (IRZ)

Proposed Soil Borings



-  Proposed Soil Boring
-  Proposed Soil Boring
-  Monitor Well
-  TCE (ug/L)

Plume Cross-Section



Contacts



Catherine Brown

brown.catherine@epa.gov

Patrick Shinabery

Shinabery.patrick@azdeq.gov

On this date in History



- 1964 1st BASIC program runs on a computer (Dartmouth)