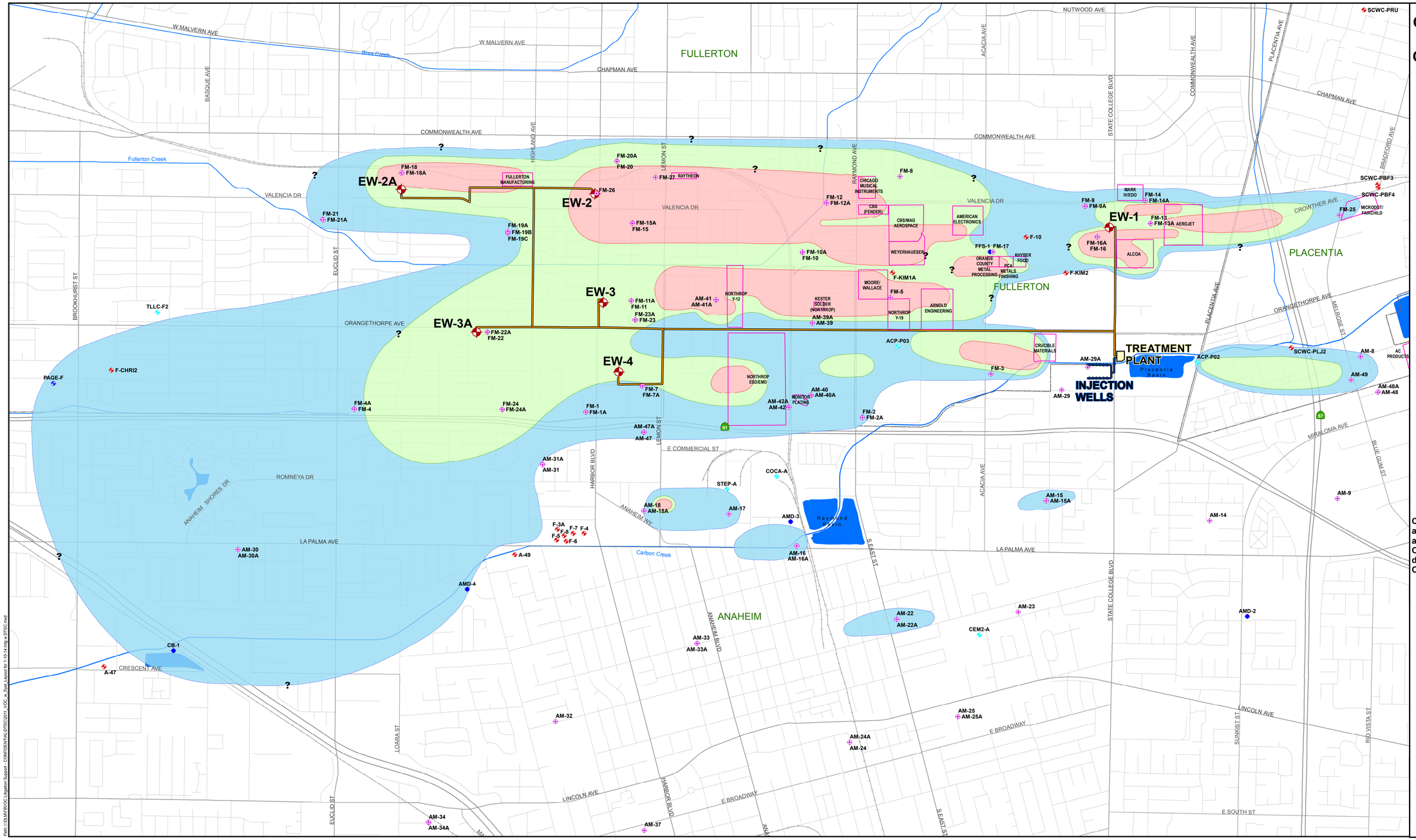
Composite VOC Plume Map (October 2011) and Containment System Layout

North Basin Groundwater Protection Project (NBGPP)



Composite VOC Plume Map (October 2011) and Containment System Layout

North Basin Groundwater Protection Project (NBGPP)

- Active Large-System Production Well
- Active Small-System Production Well
- Other Active Production Well
- OCWD Monitoring Well
- OCWD Multiport Monitoring Well
- PRP Site
- VOCs > 10X MCL/NL
- VOCs > 5X MCL/NL to 10X MCL/NL
- VOCs >MCL/NL to 5X MCL
- ? Questioned where queried

NBGPP Components

- Extraction Well
- Treatment Plant
- Pipelines from Extraction Wells to Treatment Plant
- Pipelines from Treatment Plant to Injection Wells
- Injection Well

Composite VOC map based on PCE, TCE, 1,1-DCE and 1,4-dioxane. VOC concentrations based on average in OCWD monitoring wells October 2009 – October 2011; groundwater grab samples collected during that time frame, and most recent data in OCWD files for facility monitoring wells.

PCE = Tetrachloroethylene
TCE = Trichloroethylene
1,1-DCE = 1, 1-Dichloroethylene

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
1,1-DCE MCL = 6 µg/l
1,4-dioxane NL = 1 µg/l

N W E S

0 1,000 2,000 Feet

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