

The VOC plumes shown on this map are generalized illustrations of the estimated spatial extent of TCE or PCE, based on the maximum concentration measured at wells over the five-year period of July 2011 to June 2016. The VOC plume illustrations were created with the Geostatistical Analyst extension in ESRI's ArcGIS 10.4 using an ordinary kriging interpolation model with model input parameter estimation and optimization performed by semivariogram analysis in Golden Software's Surfer 8.09. Interpretations of the plume extent and boundary delineation were made based on measured concentrations and local groundwater flow patterns as predicted by the Chino Basin groundwater flow model.

VOC Plumes Labeled in Red by Name

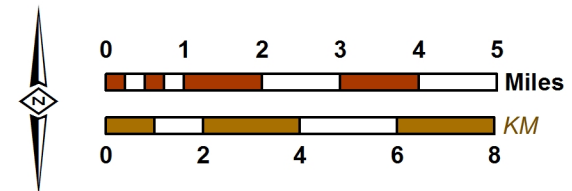
Other Plumes - Labeled in Blue by Name and Dominant Contaminant

- OBMP Management Zones
- Chino Basin Desalter Well
- Streams & Flood Control Channels
- Flood Control & Conservation Basins

- Geology**
- Quaternary Alluvium
 - Consolidated Bedrock
 - Undifferentiated Pre-Tertiary to Early Pleistocene Igneous, Metamorphic, and Sedimentary Rocks
- Faults**
- Location Certain
 - Location Approximate
 - Location Concealed
 - Location Uncertain
 - Approximate Location of Groundwater Barrier



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 File: Exhibit_5-14_Plumes.mxd



Delineation of Groundwater Contamination Plumes and Point Sources of Concern