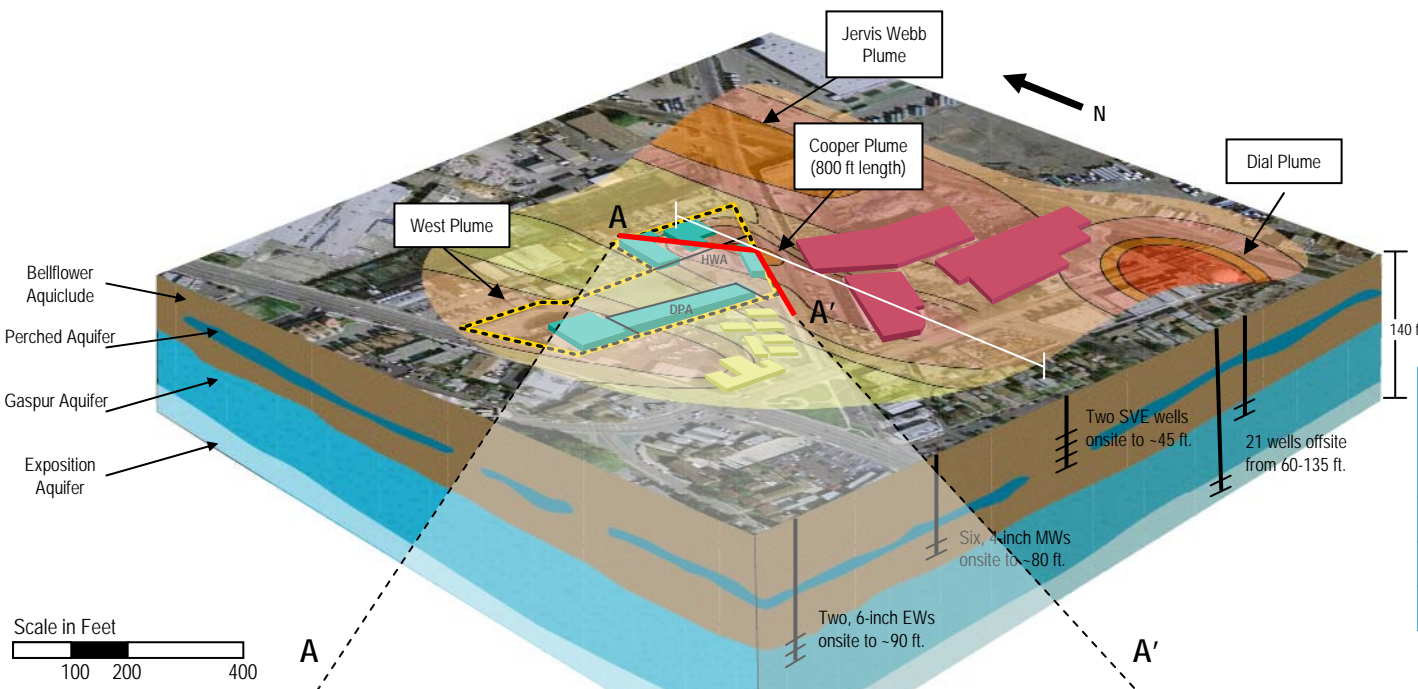


Site Conceptual Model



- Groundwater beneath the Site is primarily contaminated with VOCs.
- The Cooper Drum plume is estimated to be 800 ft. by 250 ft. by ~45 ft. of vertical contamination.
- Groundwater contamination is limited to the Gaspur Aquifer at a maximum depth of ~100 ft.
- Soil is contaminated with VOCs and non-VOCs.
- Estimated that 2,400 cubic yards of soil will have to be excavated.
- Some soil contamination extends under existing buildings.
- 1,4-dioxane was detected in 2006 RD activities; this eliminates reductive dechlorination from remedy.

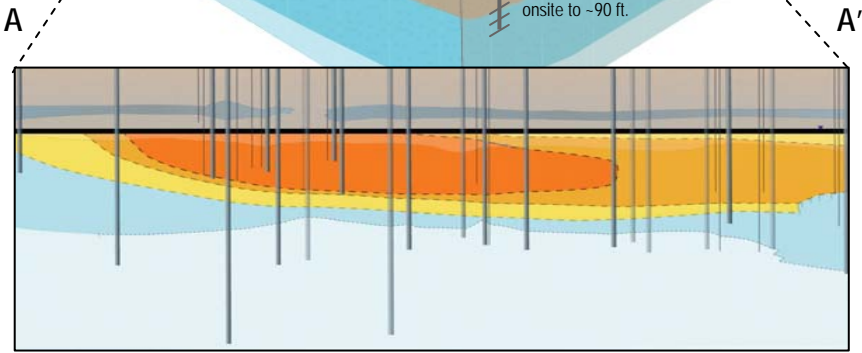
Key Groundwater COCs:

COC	Max Onsite (ppb)	Max Offsite (ppb)	Cleanup Levels (ppb)
TCE	720	770	5
1,1-DCE	24	24	6
Cis-1,2-DCE	790	200	6
1,4-Dioxane	700	120	3



LEGEND
TCE Concentrations

Green	>5 ug/L - <10 ug/L
Light Green	>10 ug/L - <100 ug/L
Yellow	>100 ug/L - <1,000 ug/L
Orange	>1,000 ug/L - <10,000 ug/L
Red	>10,000 ug/L
Dashed Yellow Line	Site Boundary



Remedy Summary

GW Remedy	Soil Remedy	Costs	Timeframe
GW Pump & Treat; In-situ Chemical Oxidation (EPA-selected remedy)	Dual-Phase Extraction; Excavation; Institutional Controls	\$9.3 MM	<20 yrs.
GW Pump & Treat	Dual-Phase Extraction; Institutional Controls	\$6.0 MM	20 yrs.

- Based on most recent groundwater data