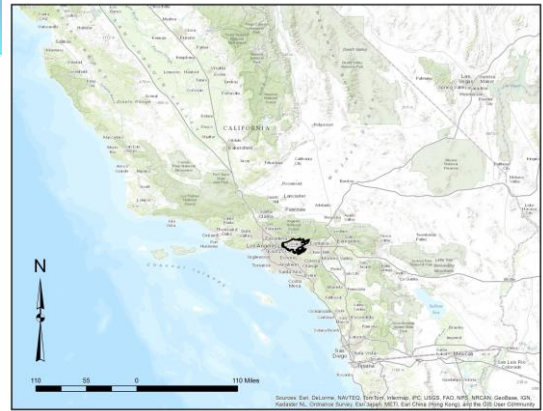


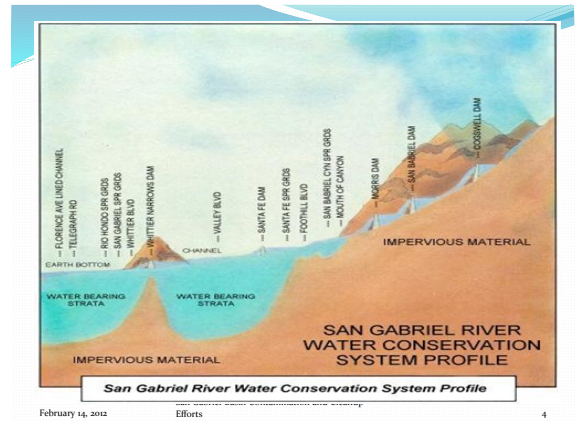
Remediating the Largest Superfund Site in the Country

The Main San Gabriel Basin

Presented by: Ken Manning, Executive Director
NGWA Conference December 4, 2017



Current Aerial Photo of the San Gabriel Basin



San Gabriel Valley Today

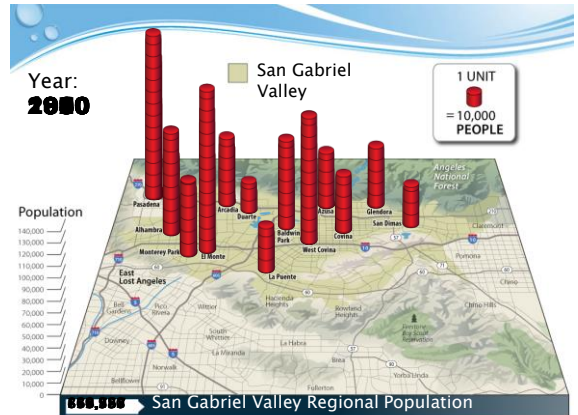


San Gabriel Valley Water Struggles

- In 1979 – Contamination of the Aquifer detected
 - 1984 USEPA added the San Gabriel Valley onto the National Priorities List (Superfund)
 - 1985 through 1990 – Steps taken to deal with the issue failed to get long term results

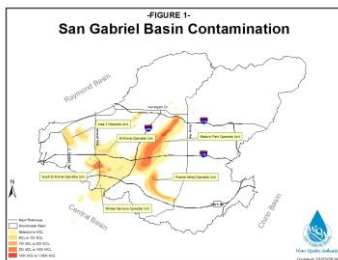
San Gabriel Valley Water Solution

- Regulatory Action
 - 1990 – White Paper issued by the USEPA calling for the creation of a Local Agency with the power to regulate pumping and seek funding for a solution.
 - Solution – 1993 the San Gabriel Basin Water Quality Authority was created
 - In 1990 a JPA Agency started the process



San Gabriel Operable Units

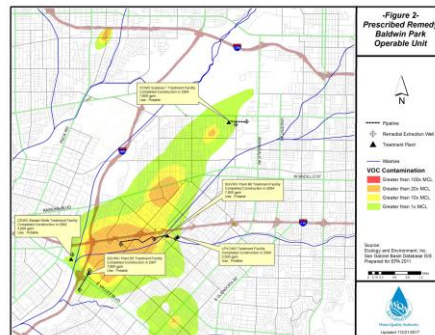
- Baldwin Park OU
- South El Monte OU
- El Monte OU
- Puente Valley OU
- Whittier Narrows OU
- Area 3 (Alhambra OU)



February 4, 2005

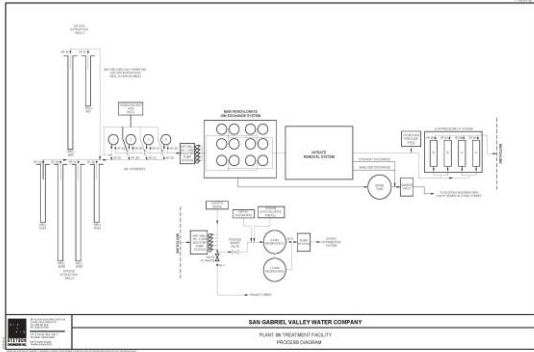
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BPOU Remedy

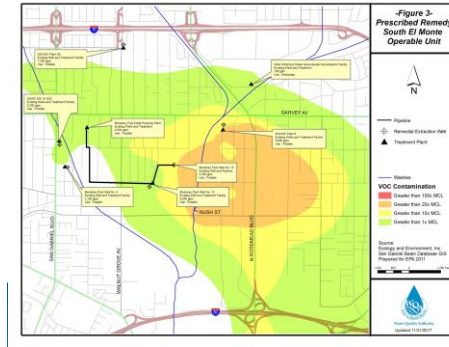


- 5 Treatment Plants Constructed
- \$48M in Public Funds
- 675,300 Acre-feet Treated
- 93,000 Pounds Removed

San Gabriel Valley Water Company Plant B6

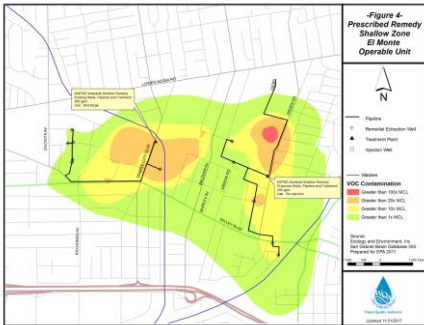


SEMOU Remedy



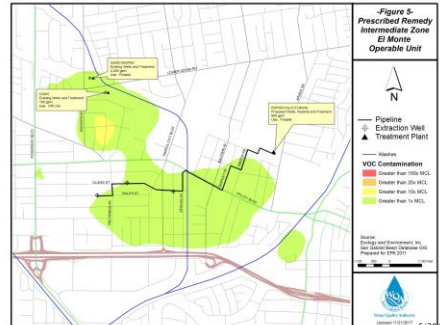
- 6 Treatment Plants Constructed
- \$16M in Public Funds
- 184,000 Acre-feet Treated
- 22,000 Pounds Removed

EMOU Shallow Zone Remedy



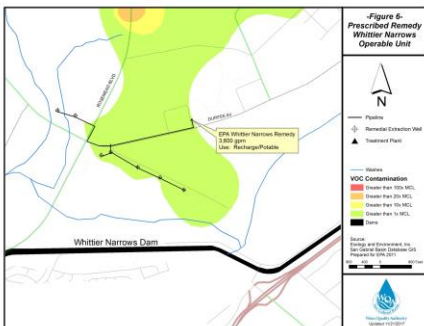
- 2 Treatment Plants Constructed
- \$4.6M in Public Funds
- 380 Acre-feet Treated
- 45 Pounds Removed

EMOU Intermediate Zone Remedy



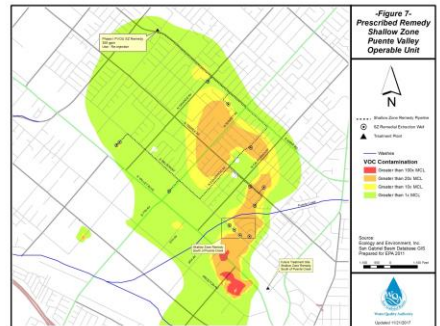
- 3 Treatment Plants Constructed
- \$5.5M in Public Funds
- 28,000 Acre-feet Treated
- 707 Pounds Removed

WNOU Remedy



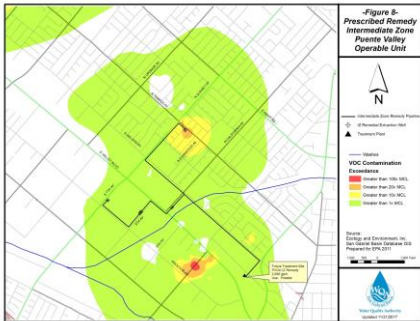
- 1 Treatment Plant Constructed
- \$0 in Public Funds
- 50,000 Acre-feet Treated
- 16,000 Pounds Removed

PVOU Shallow Remedy



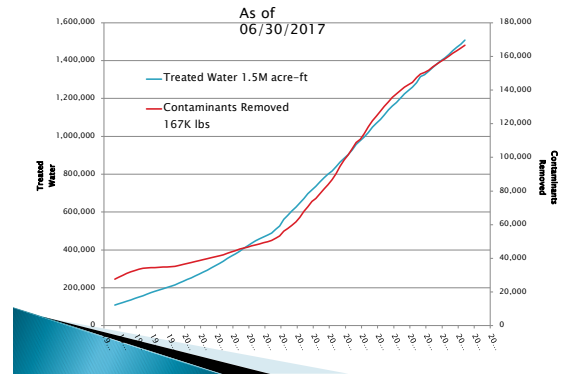
- 0 Treatment Plants Constructed
- \$0 in Public Funds
- 0 Acre-feet Treated
- 0 Pounds Removed

PVOU Intermediate Zone Remedy

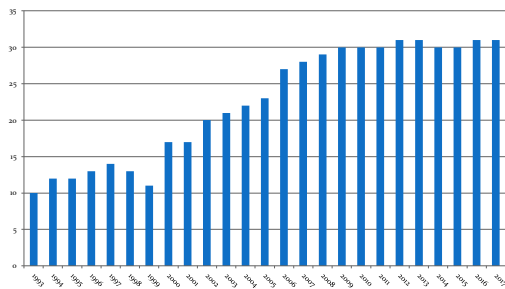


- o Treatment Plants Constructed
- o \$4.7M in Public Funds
- o Acre-feet Treated
- o Pounds Removed

Contaminates Removed



Treatment Plants Online



Funding Sources To Date



February 4, 2015

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Every Orchestra needs a Conductor



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