



# Groundwater Remediation Status

Board of Directors

February 3, 2016



# North Basin

- Update regarding January 26<sup>th</sup> meeting of USEPA invitation letter recipients
- Update regarding EW-1 Status



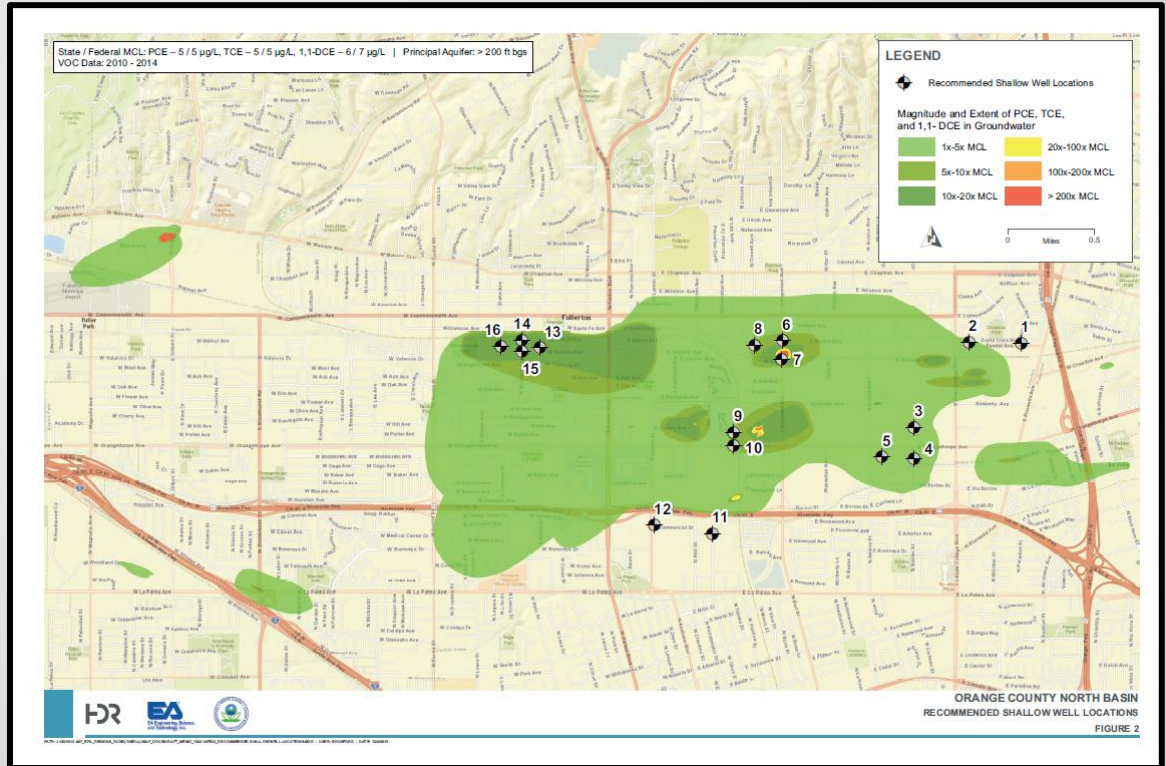
# January 26<sup>th</sup> Meeting Attendees

- OCWD
- Northrop Grumman
- A.C. Products Inc.
- Aerojet Rocketdyne, Inc.
- Orora North America
- Vista Paint
- Romano Litchfield



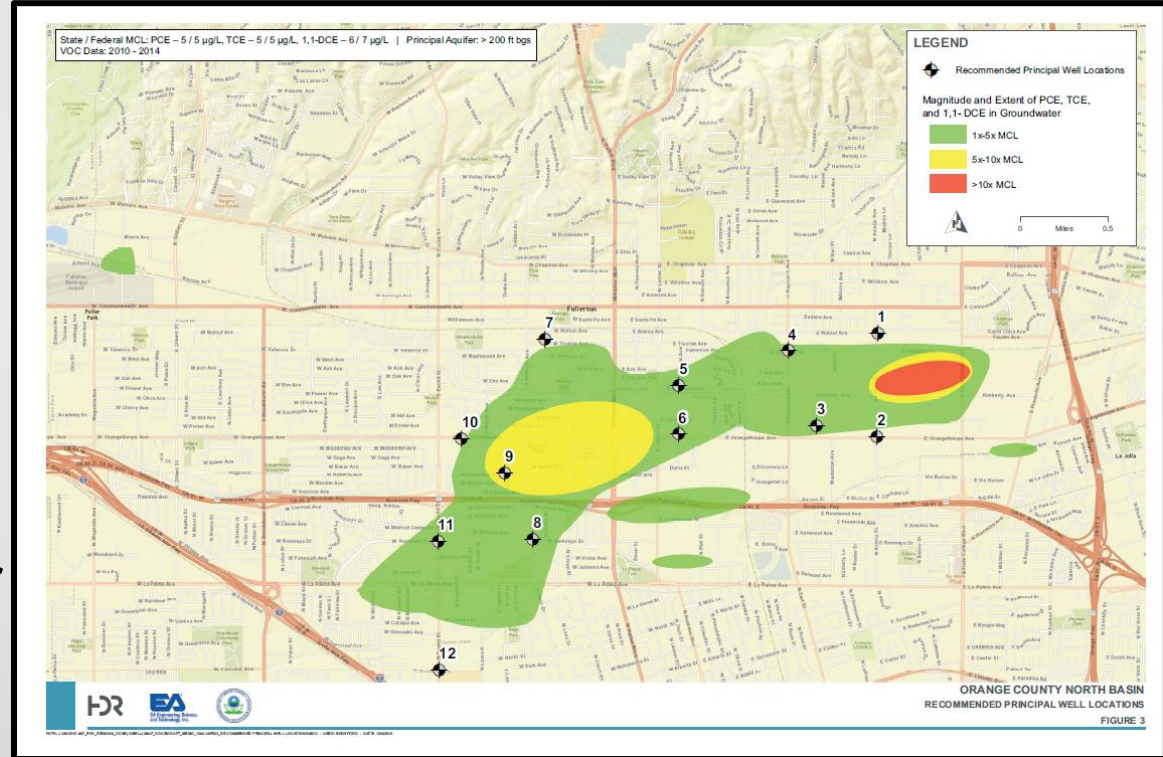
# Shallow Aquifer

- PCE
- DCE
- 1,1-DCE
  
- EPA Recommends  
16 Shallow Aquifer  
MWs



# Principal Aquifer

- PCE
- DCE
- 1,1-DCE
  
- EPA Recommends  
12 Principal Aquifer  
MWs





# Response to EPA Invitation

- Feb. 15 due date for good faith offer to perform RI/FS as described in SOW
- Steering committee participants negotiate SOW and AOC with EPA (OCWD's role subject to Board approval)
- Participants discuss SOW, roles & responsibilities, governance, cost share, etc.
- Steering committee participants perform SOW under EPA oversight



# OCWD Initially Brings

- 70 monitoring wells and established monitoring program
- Calibrated groundwater flow and fate & transport model
- Knowledgeable technical staff and consultants
- Good relationship with local water retailers
- Groundwater basin manager



# OCWD Priorities

- Community relations
- Groundwater and solute transport model
- Plume control interim remedies
- Pumped water reuse
- NCP compliance
- Efficient work and long term solutions





# Expression of Interest

Are there potentially interested parties willing to join a steering committee and participate at a level commensurate with the OCWD?

We need a commitment in time to respond to EPA's invitation letter



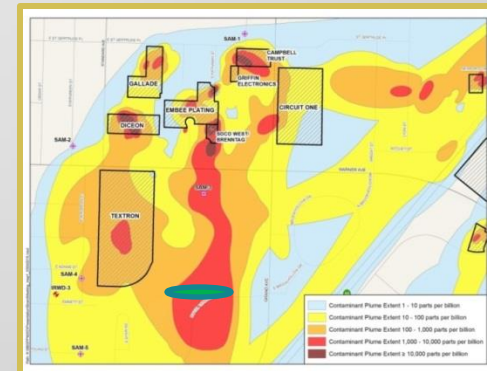
# Update on EW-1 Project

- *Phase 1* - Untreated discharge to the sewer and recycling through GWRS
  - Engineering design in process for sewer line connection – Sewer capacity confirmed
- *Phase 2* - Discharge the treated water under 97-005.
  - Preparing proposal for City of Fullerton consideration
  - Private property lease negotiations under way
  - Treatment plant site selection allows start of CEQA
- *3<sup>rd</sup> Backup Option* – Recharge the treated groundwater in OCWD's La Jolla Recharge Basin



# South Basin - NCP Compliant RI/FS

- “Data gap” groundwater monitoring wells
  - Work plan under review
  - CEQA evaluation in progress – Mitigated Negative Declaration (MND) should be completed in 2 to 3 weeks
  - Anticipate taking this item to the March WIC
- Central Area Pilot Study Remediation:
  - Work plan under review
  - CEQA evaluation pending site selection
  - Anticipate taking this item to the April WIC





End of Presentation