



Orange County Water District

Presentation to Mesa Water



April 12, 2023

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Topics

1. FY23-24 Proposed Budget
2. Per-and Polyfluoroalkyl Substances
3. Talbert Seawater Barrier
4. Groundwater Basin Conditions

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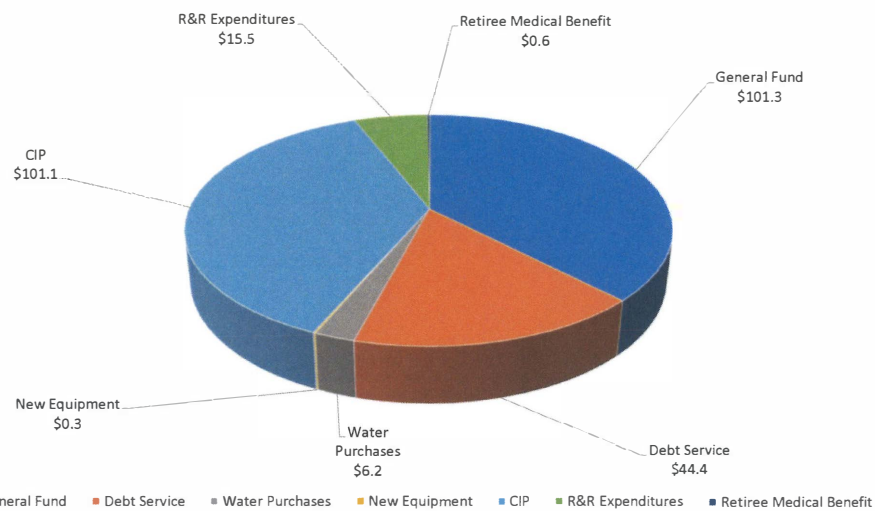
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1. FY23-24 Proposed Budget

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FY 23-24 Budget Components Expenditures - \$269.4 million



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FY23-24 Budget Recommendations

- Increase Basin Production Percentage from 77% to 85%
- Increase Replenishment Assessment from \$558/af to \$624/af
 - Large increase to chemical and energy costs to operate GWRS
 - Generate \$42 million of funding for PFAS treatment systems
 - Decrease in expected groundwater pumping
- No MWD untreated water purchases
- Reduce groundwater basin accumulated overdraft by ~40,000 acre-feet

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2. Per-and Polyfluoroalkyl Substances (PFAS)

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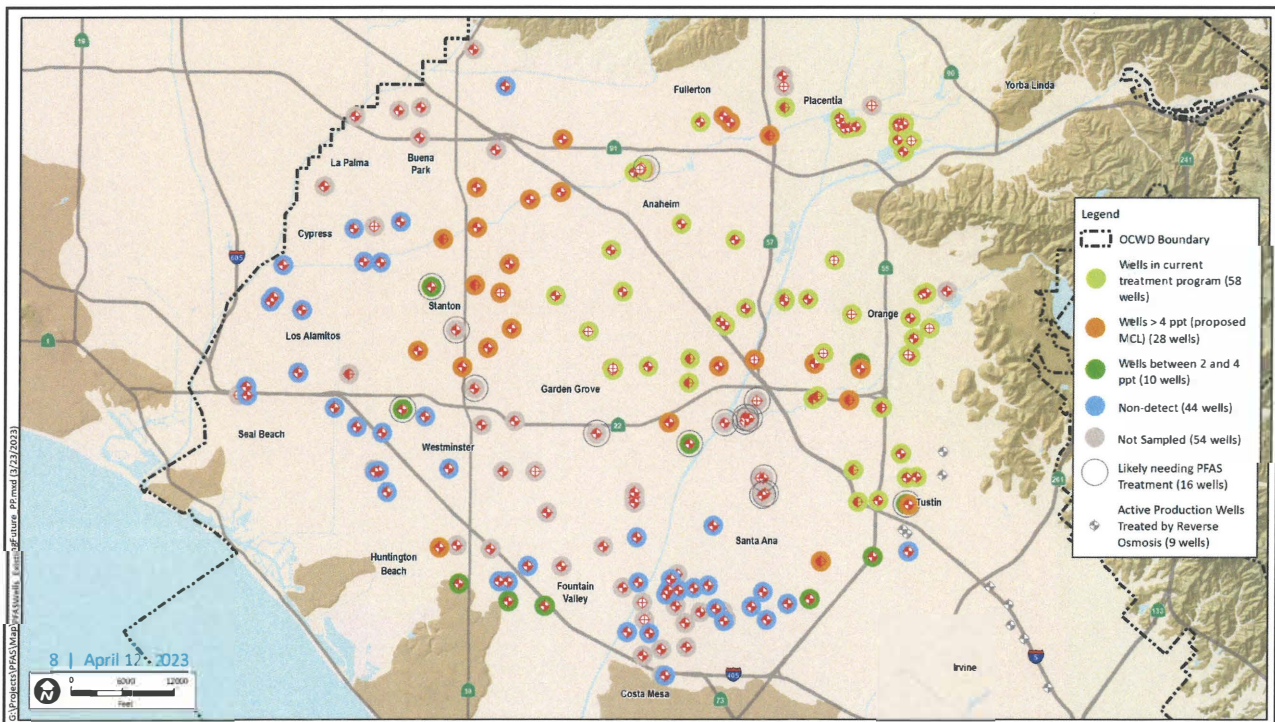
PFAS

- 58 wells currently impacted with PFAS – 11 Groundwater Producers
 - Treatment capital cost of \$288 million
 - 21 wells back in operation with PFAS treatment systems
 - 31 wells in construction
 - 6 wells in design
- Proposed EPA 4 parts per trillion PFOA MCL
 - Comments currently being taken
 - Could impact 30 to 45 additional wells
 - Capital cost of \$150 million to \$225 million
 - OCWD currently reviewing impacts and options

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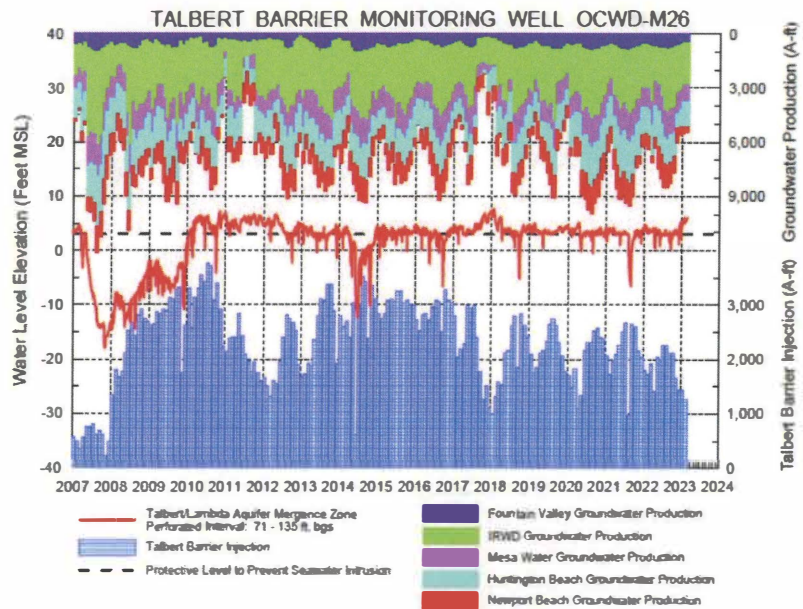
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3. Talbert Seawater Barrier

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- Maintaining Protective Water Levels
- Currently injecting 11.7 mgd



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4. Groundwater Basin Conditions

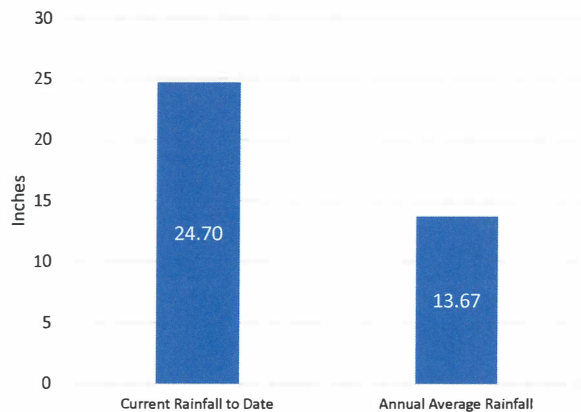
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OCWD Anaheim Field Headquarters Rain Gage As of March 31, 2023



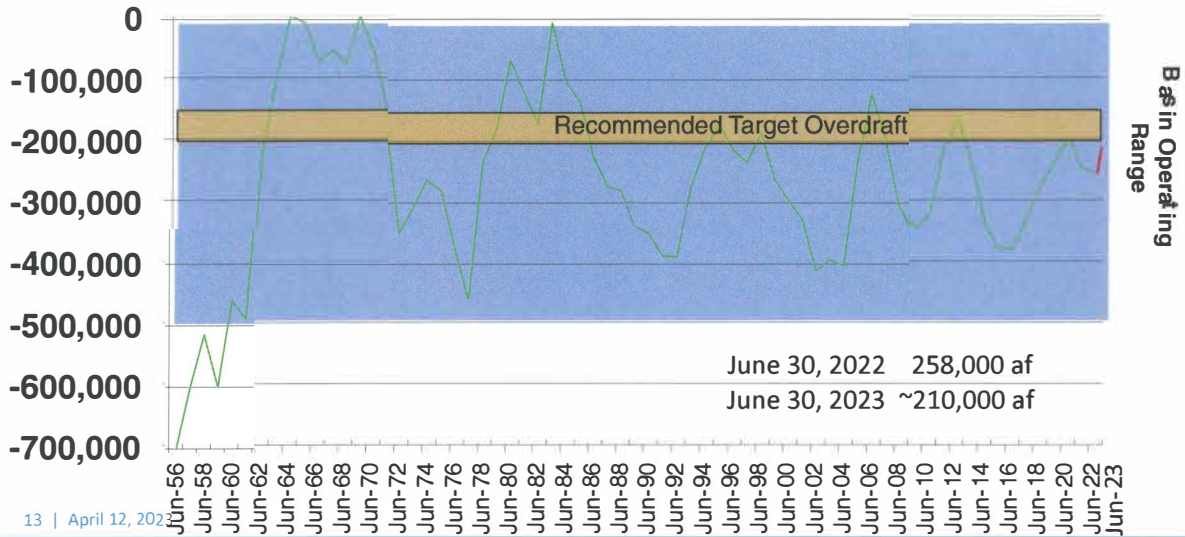
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Basin Accumulated Overdraft



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QUESTIONS?

Michael R. Markus, P.E., D.WRE, BCEE, F.ASCE
General Manager

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
(714) 378-3200
info@ocwd.com
www.OCWD.com



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