



Action Item 1

REGIONAL WATER ISSUES

October 30, 2023



PFAS CONDITIONS AND STATUS



PFAS Conditions and Status

- Regulations
- Potential Impacts to Mesa Water Supplies
- Orange County Groundwater Basin
- Next Steps

Current Regulatory Status

Chemical	CA Notification Level	CA Response Level
PFOS	5.1 ppt	10 ppt
PFOA	6.5 ppt	40 ppt
PFBS	500 ppt	5,000 ppt
PFHxS	3 ppt	20 ppt

Proposed Federal Regulations

Chemical	Proposed MCLG	Proposed MCL
PFOS	zero	4.0 ppt
PFOA	zero	4.0 ppt
PFBS, PFHxS, PFNA, HFPO-DA	1.0 Hazard Index	1.0 Hazard Index

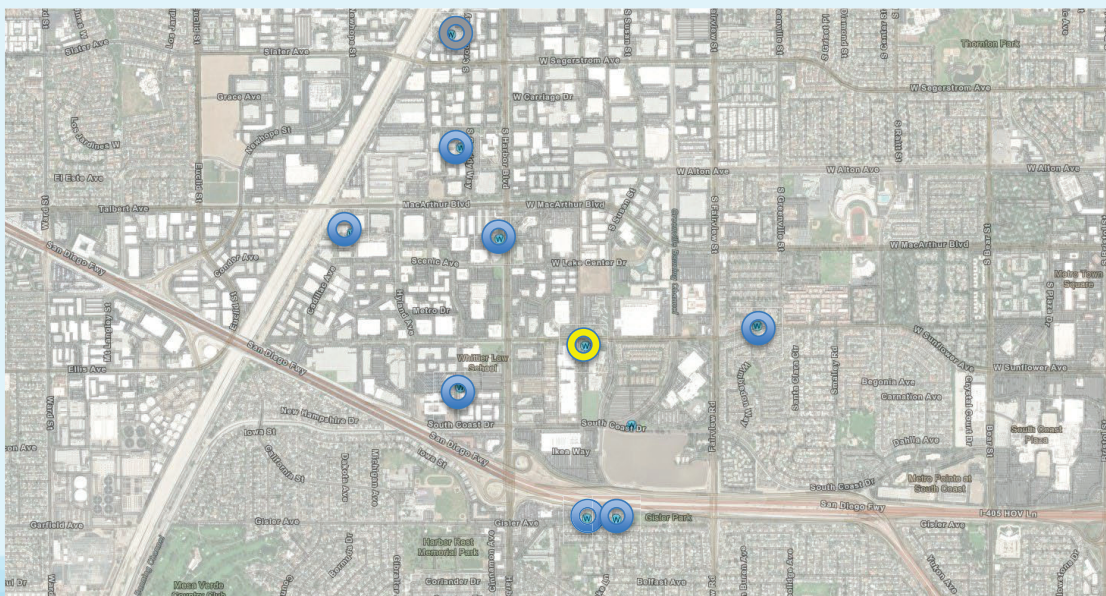
Historical Data

Year	Trigger	Locations	Chemicals	Results
2013-2014	UCMR3	All	PFOA, PFOS, +4 more	Non-detect
2018	Voluntary	All	PFOS, PFOA	Non-detect
2023	SWRCB	3B, 5, 6, 11	25 PFAS Chemicals	Non-detect
2023	UCMR5	All	29 PFAS Chemicals	One low PFOS detection

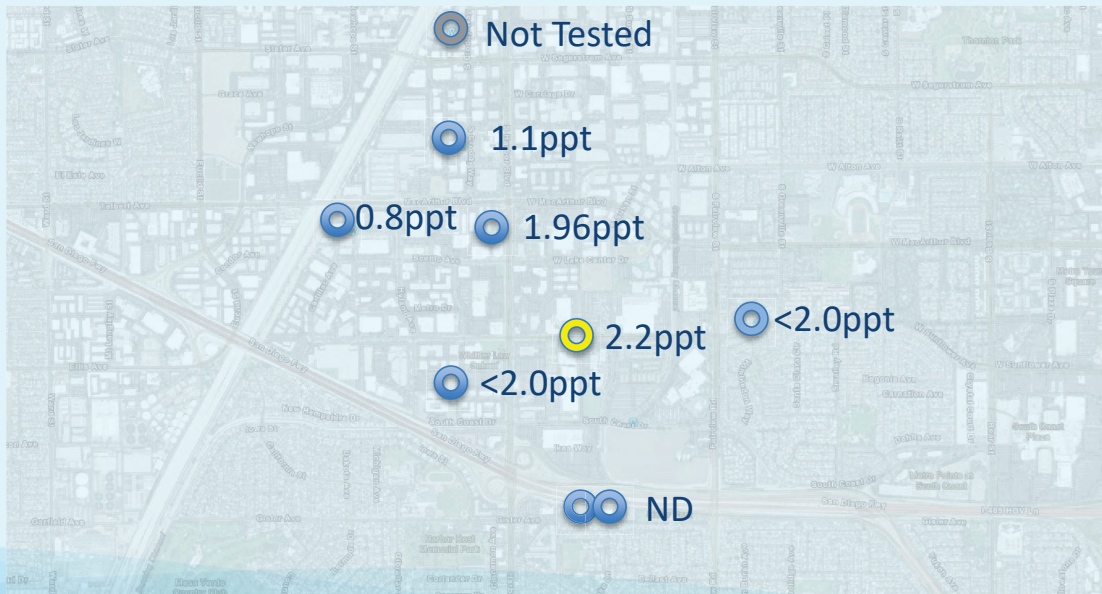
What Does the Data Mean?



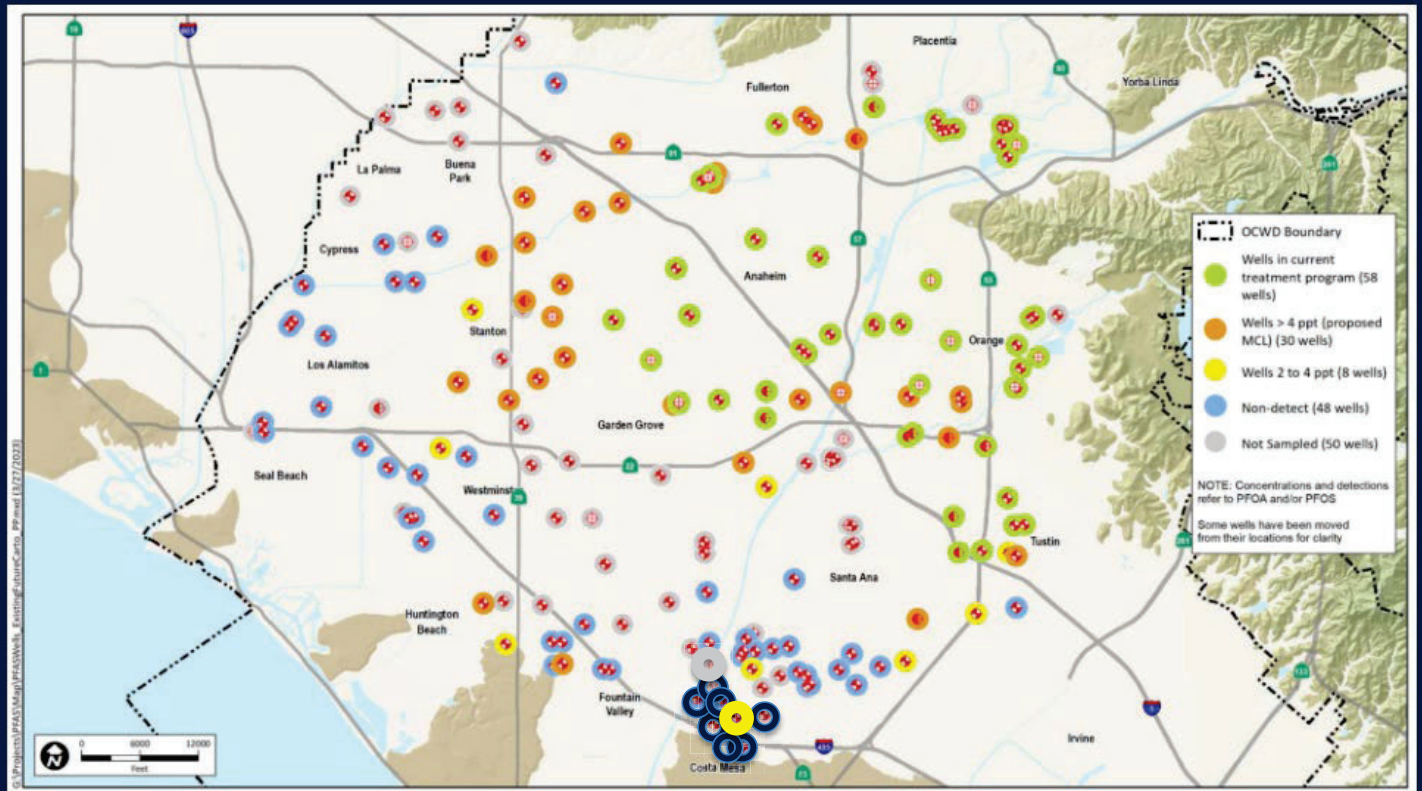
Well Sites



Well Site Trace Results



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Next Steps

- Continue to monitor PFAS and regulatory development
- Continue to monitor OC Basin PFAS conditions
- Monitor PFAS litigation and engage per Board direction
- Develop PFAS Response Policy per Board direction

QUESTIONS?



MESA WATER SUPPLY

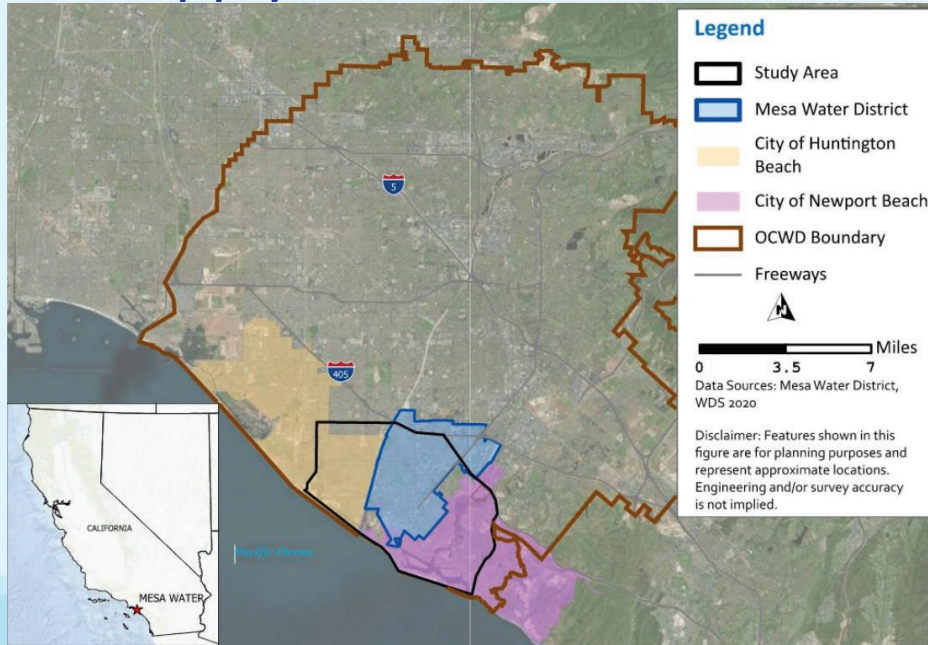


Mesa Water Supply – Local SIP

- Project Participants
- Pre-Award Notice – September 2023
- Executive Committee to Washington D.C. June 2023



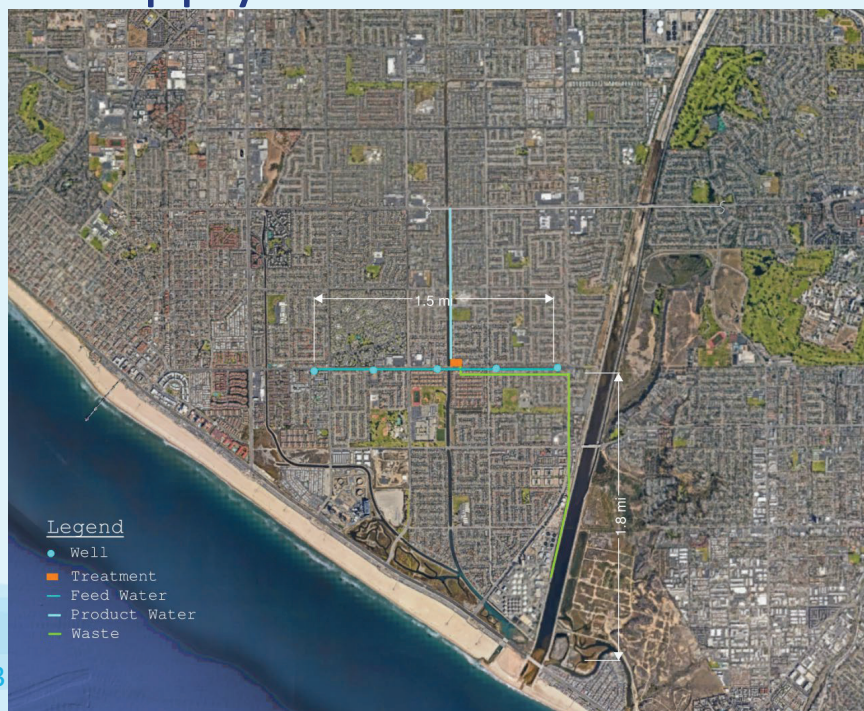
Mesa Water Supply – Local SIP



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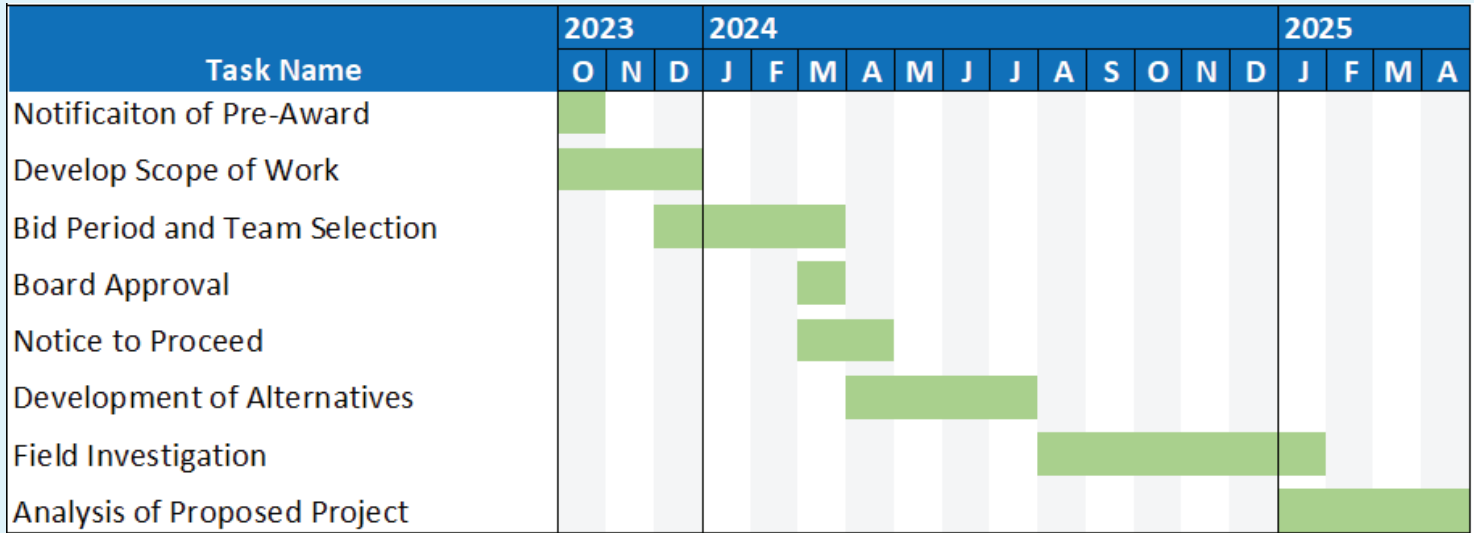
Mesa Water Supply – Local SIP



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Mesa Water Supply – Local SIP



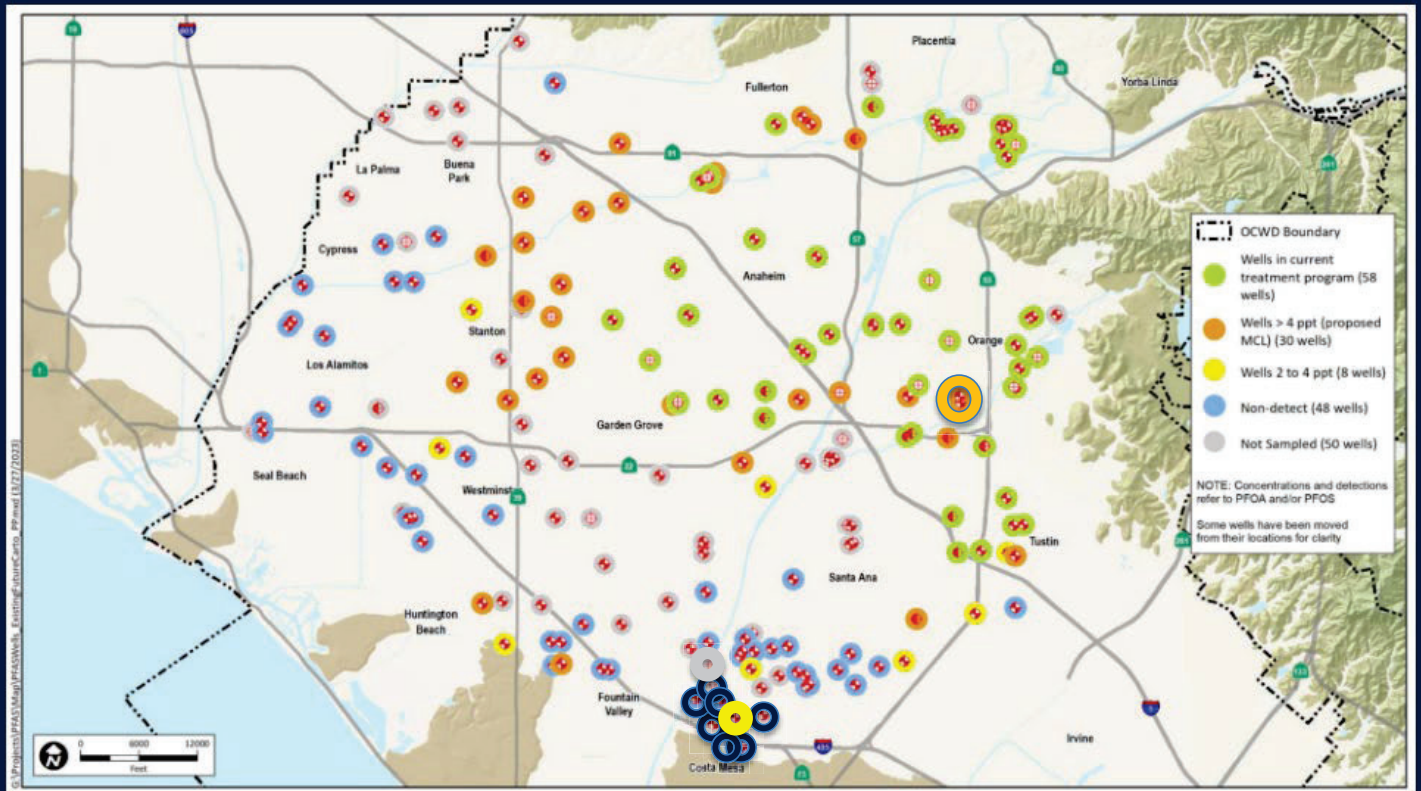
Mesa Water Supply – Local SIP

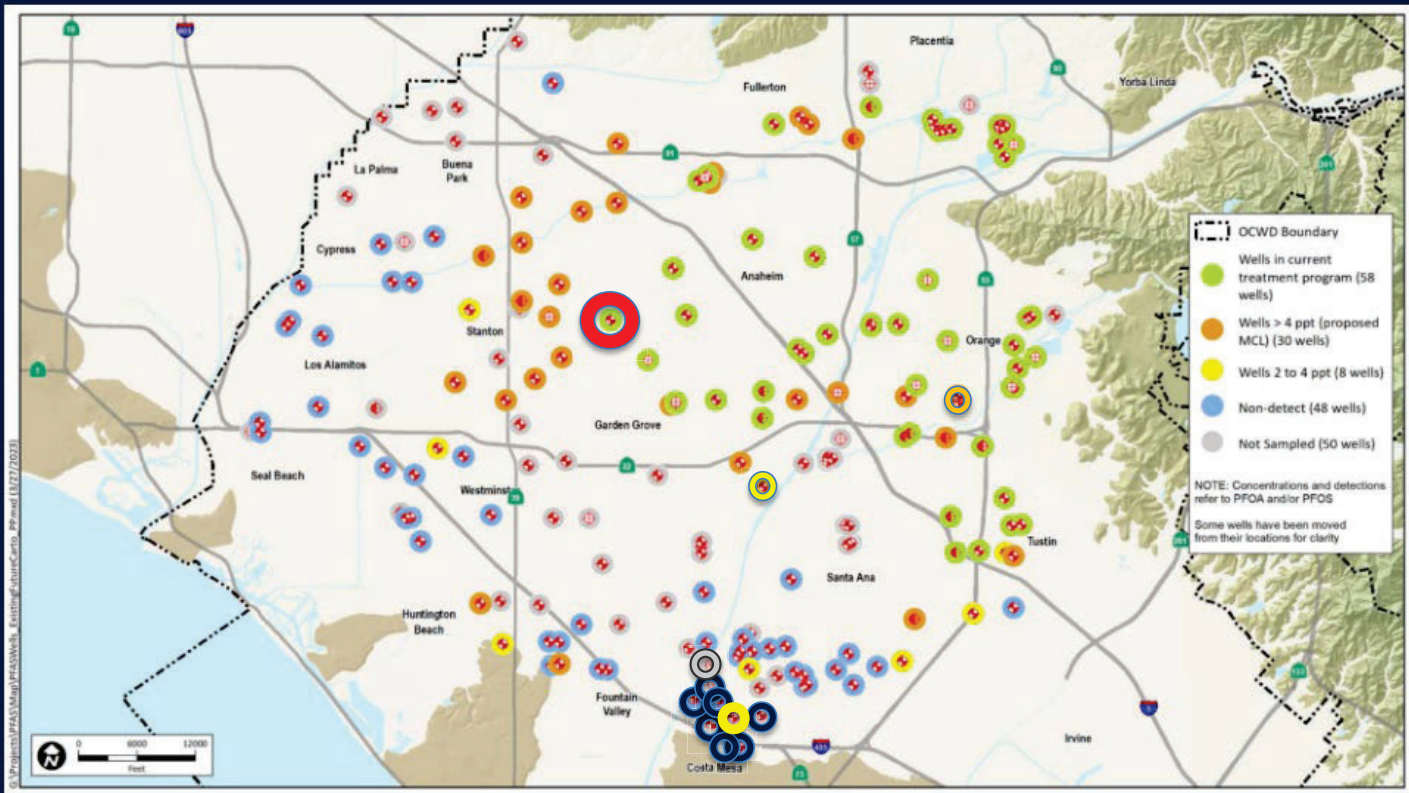
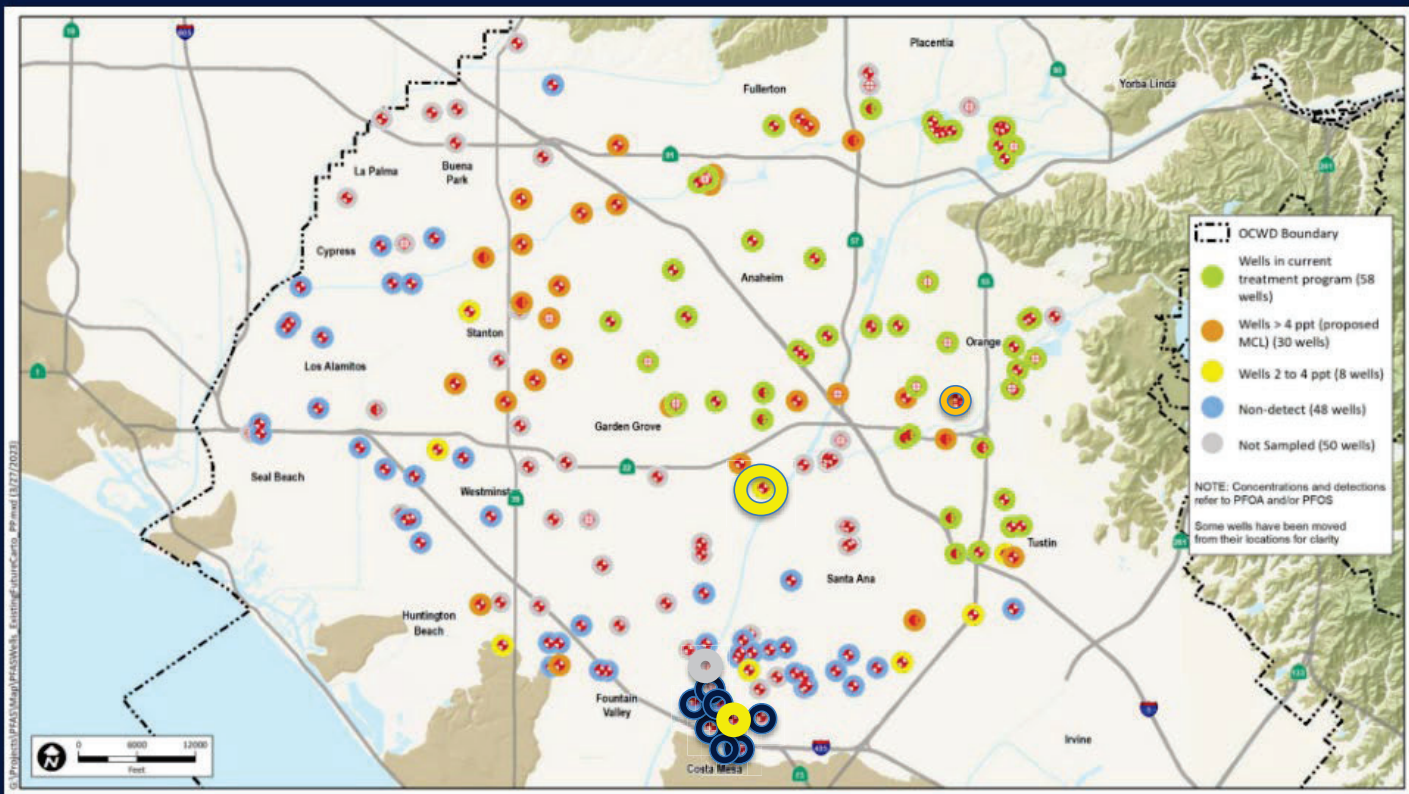
Funding Sources	Funding Amount
Agency Funding	
Mesa Water®	\$150,000
OCWD	\$50,000
City of Huntington Beach	\$25,000
City of Newport Beach	\$25,000
Subtotal	\$250,000
Federal Funding	
USBR Funding	\$250,000
Total Project Funding	\$500,000



QUESTIONS?

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Funding PFAS Treatment Systems for the Additional Wells

- 30 to 45 wells
- Assume \$5 mill per well
- \$150 to \$225 million
- Three additional Producers – Buena Park, Newport Beach and Westminster
- Assume Producers keep wells operating except during construction period