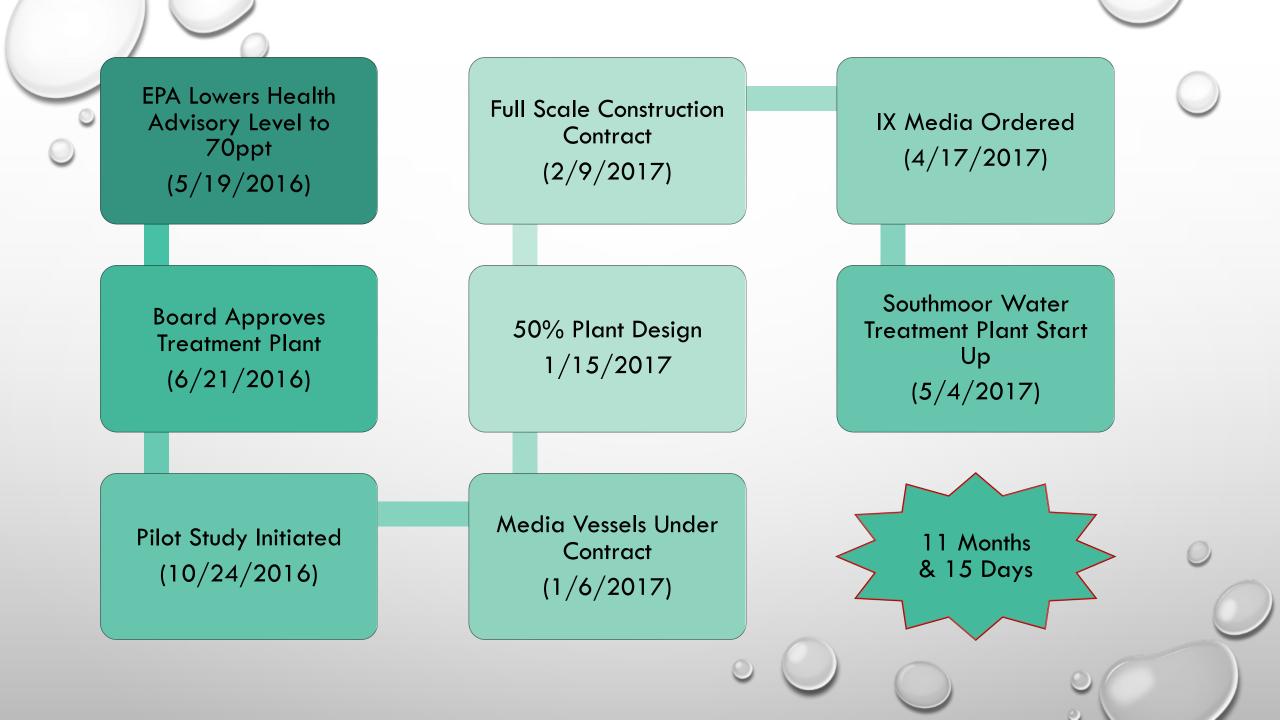
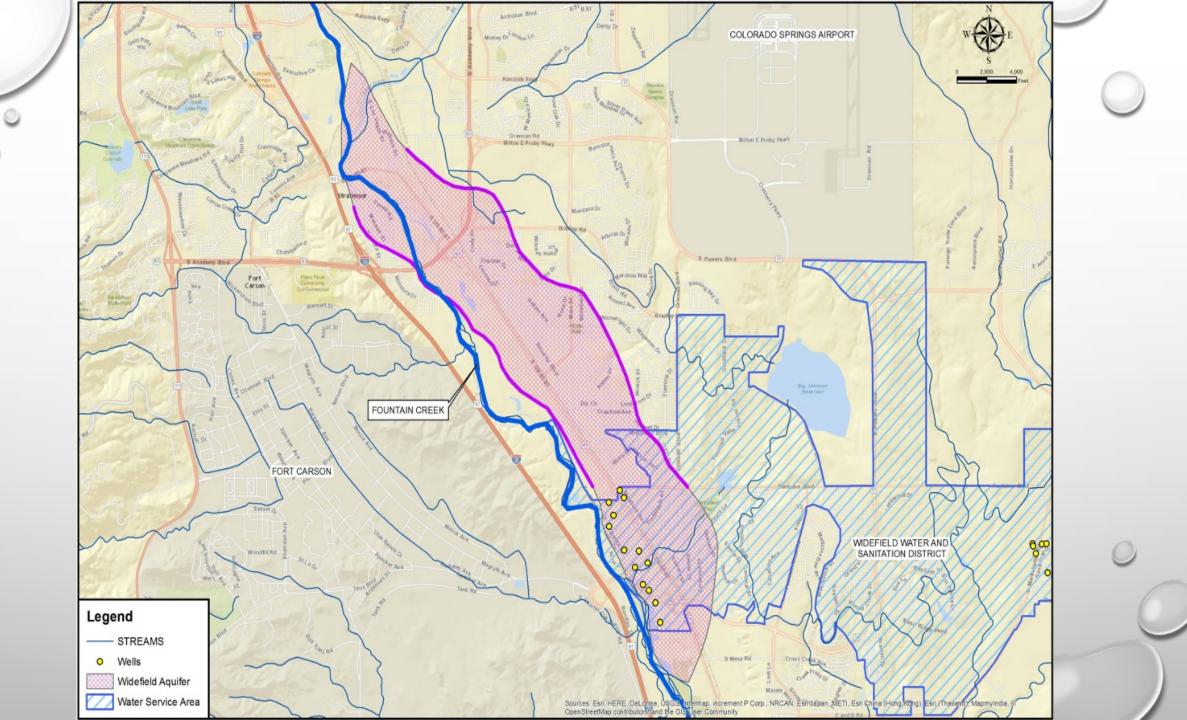
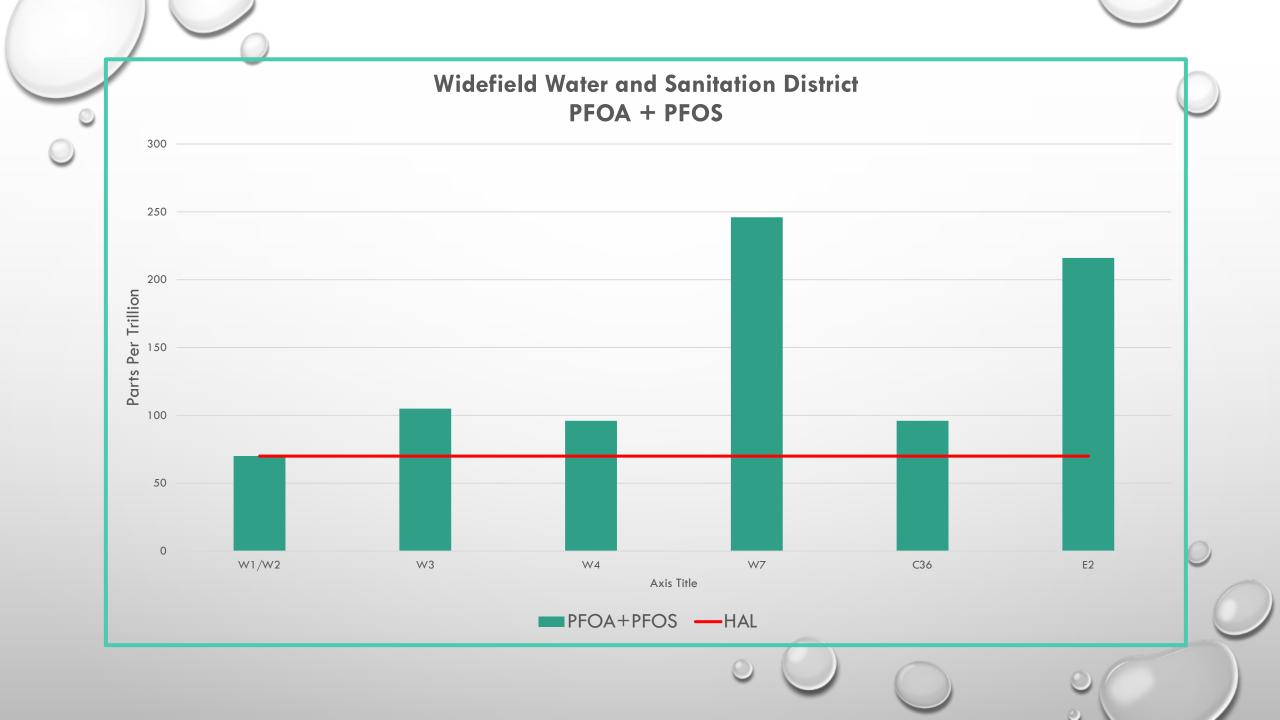
THE WWSD EXPERIENCE

- TIMELINE
- PFAS LEVELS
- CUSTOMER IMPACT
- PILOT
- NITRATE ISSUES
- CONSTRUCTION
- PROCESS
- CHALLENGES
- UNITED STATES AIR FORCE







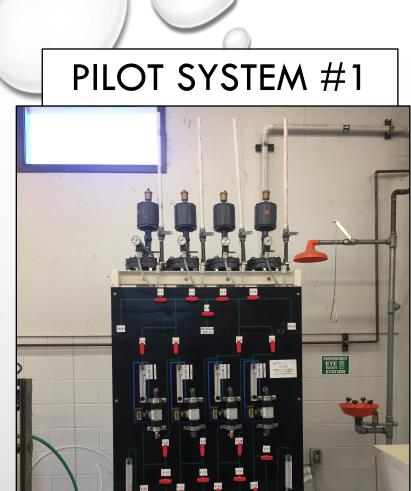


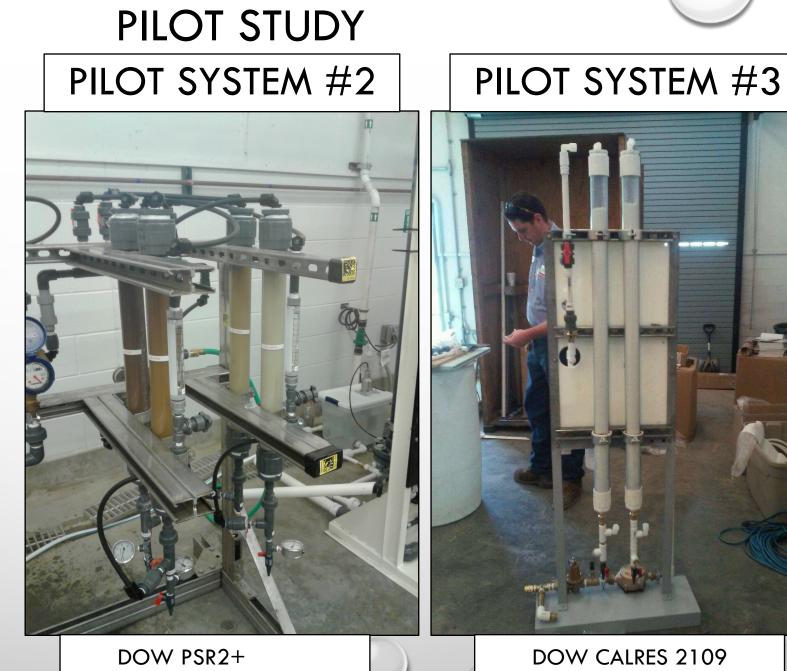


CUSTOMER IMPACT



- 40 TO 400 CALLS PER DAY
- HIRED MEDIA RESPONSE TEAM
- COMMUNICATION SURVEY
- DEDICATED COMMUNICATION AND WEBSITE
- EVALUATED MANY DIFFERENT POSSIBILITIES SUCH AS POINT OF USE TREATMENT
- SETUP WATER BOTTLE FILL STATION
- DID NOT RAISE RATES AIR FORCE ESA
- SPENT \$2.5 MILLION

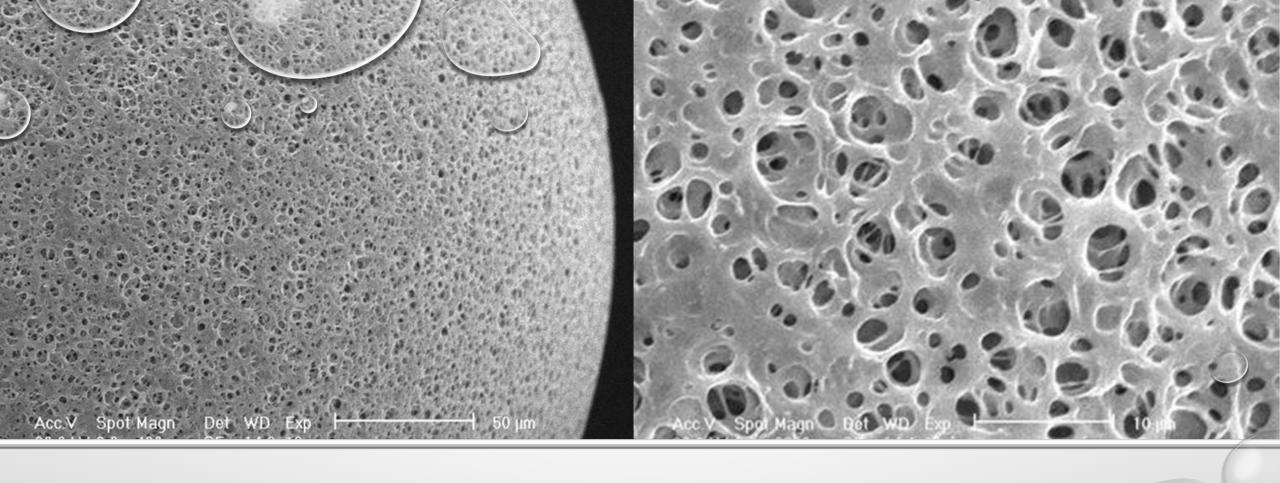




Filtrasorb 400

Purolite CalRes 120

EVOQUA APR-1



MACROPOROUS RESIN

CONSTRUCTION

- 2017 ADDED TO
 SOUTHMOOR FACILITY
- 2019 RETRO-FIT SMALLER
 FONTAINE WATER TREATMENT
 PLANT WITH ION EXCHANGE
- 2021 3RD AND FINAL –
 DRINKING WATER MITIGATION
 FACILITY BUILT BY AIR FORCE
 AND ARMY CORPS



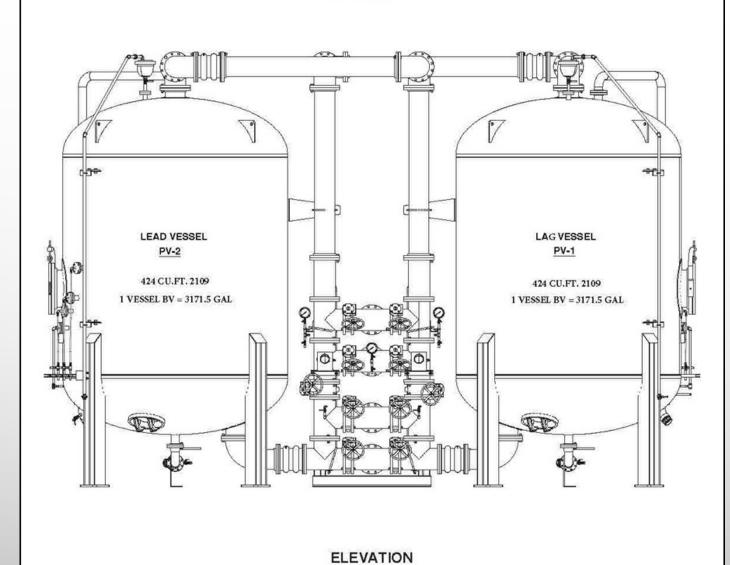


Water **Chlorine Contact** Placement of Aqueous Ozone Sensors in Ozone Contact Chambe =)²(== 000 Groundwater lice Contra gas Continingunit Calgon Carbon **Distribution Pumps**

Distribution System

TREATMENT VESSEL

SYSTEM 1



CHALLENGES

- COLIFORM ISSUE
- FOULED RESIN
- OPERATIONAL GUIDANCE
- SAMPLING INTERVALS
- OPERATING COSTS



Widefield Water and Sanitation District

THANK YOU