

Regional Bacteria Monitoring Program Status Update

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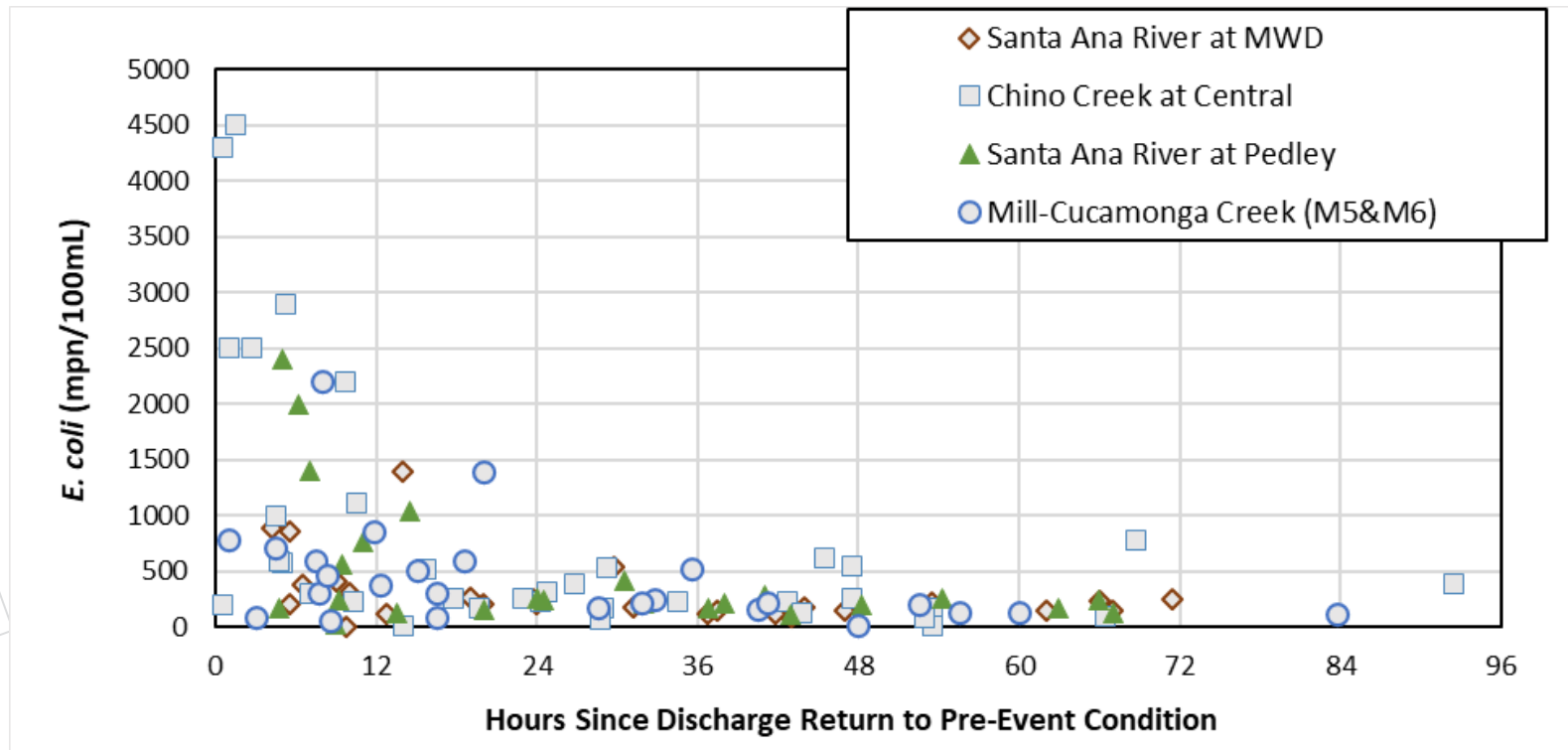
**CDM
Smith**

Monitoring Plan and QAPP Revision

- Draft revision submitted to Task Force for review
 - Incorporate new sites
 - Move site on Lake Elsinore
 - Update source tracking methods
 - Incorporate dashboard for quarterly reporting

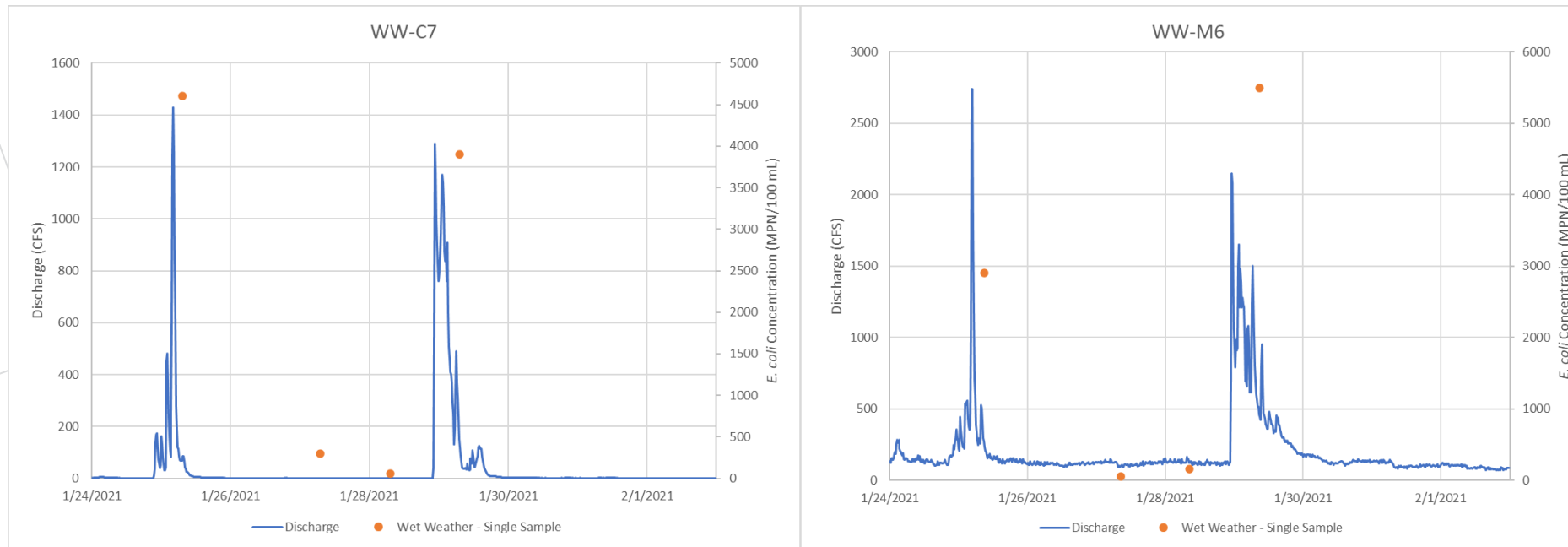
Post-Storm Sampling Schedule

- More samples to assess conditions within 24 hours of wet weather event to protect swimmers post-storm



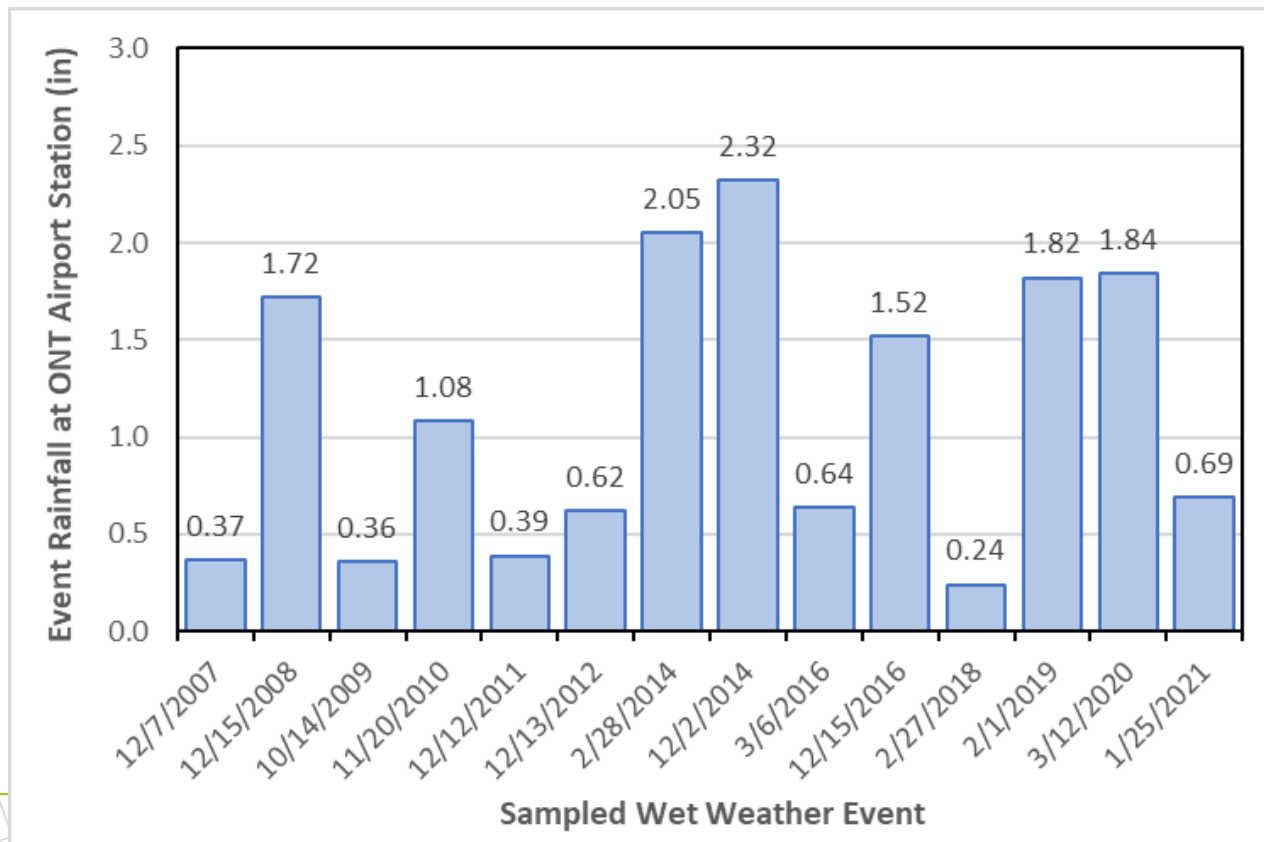
Post-Storm Sampling Schedule

- One wet event sampled per year – one sample during storm, then ‘post-storm’ samples at 48, 72, 96 hours



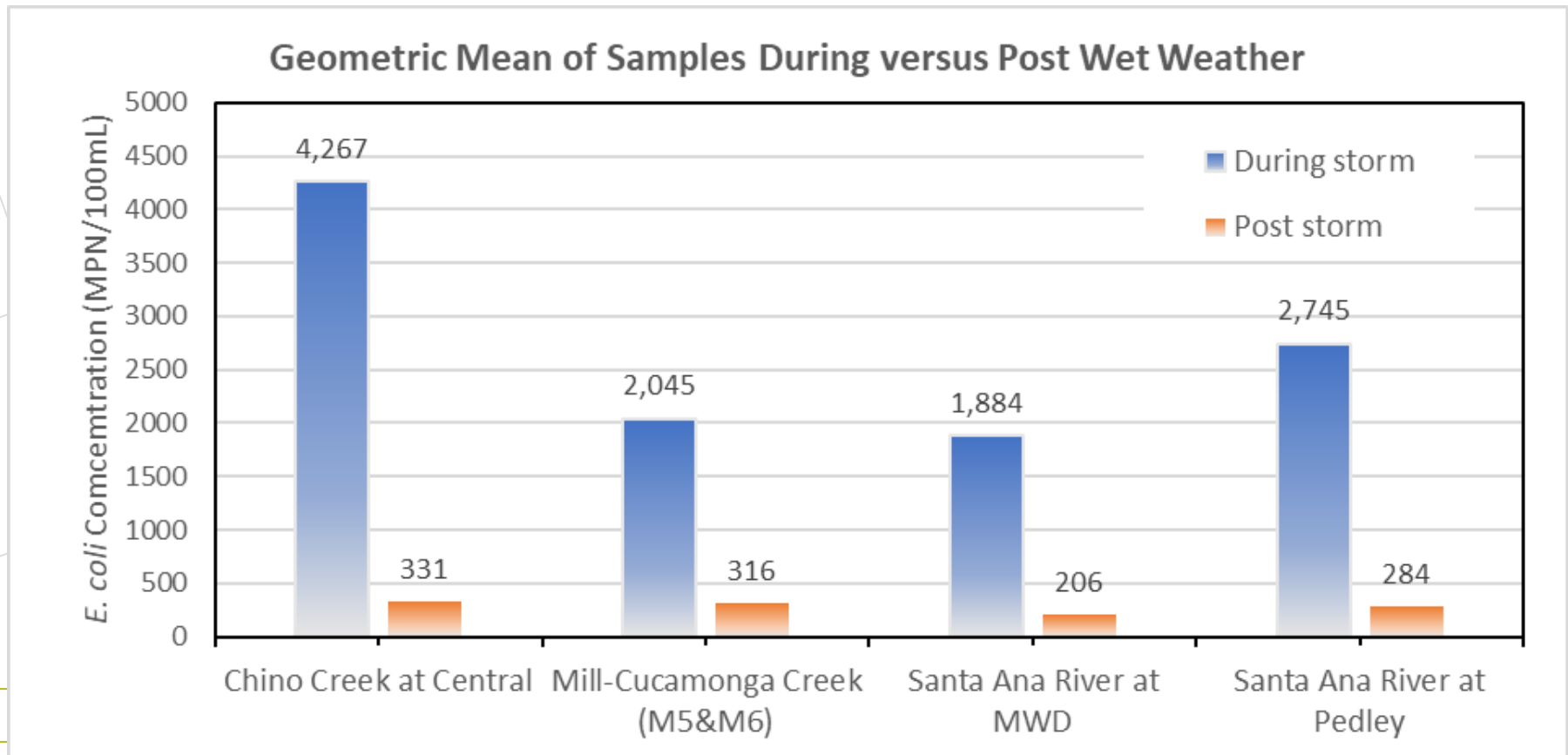
Target small to moderate storms

- Monitoring program has sampled mostly wet weather events larger than critical storm (Priority 2 sites only)



Historical Wet Event Data

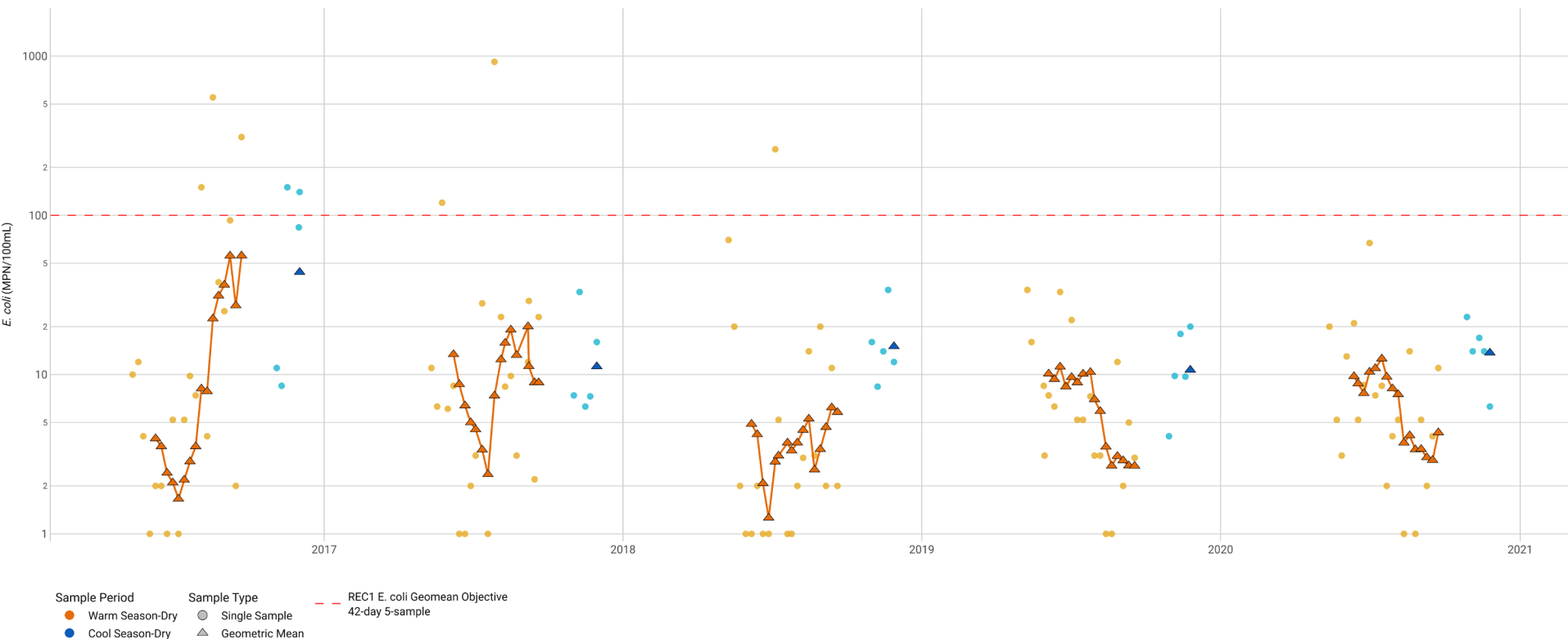
- Geomean of samples collected over 14 wet weather events within TMDL waters (2007-2022)



Lake Elsinore (P1-2)

- Historical data 2016-2020 at boat launch site
- *E. coli* and enterococcus geomeans below respective WQOs 100 percent of time

P1-2 - Lake Elsinore (*E. coli*) for 2016 - 2020



- Spring 2021 sampling station moved to Elm Grove Beach, enterococcus geomean exceedances measured
 - City has begun tracking analysis to identify and eliminate source



Watershed Management Planning

- Collaboration with Task Force on:
 - Critical storm analysis
 - BMP plan development
 - RAA approach
 - Continue iterative process of prioritize, investigate, act
 - Incorporation of approaches targeting controllable sources to the extent feasible