

Santa Ana Regional Monitoring Program

October 2020 Update

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10/21/20



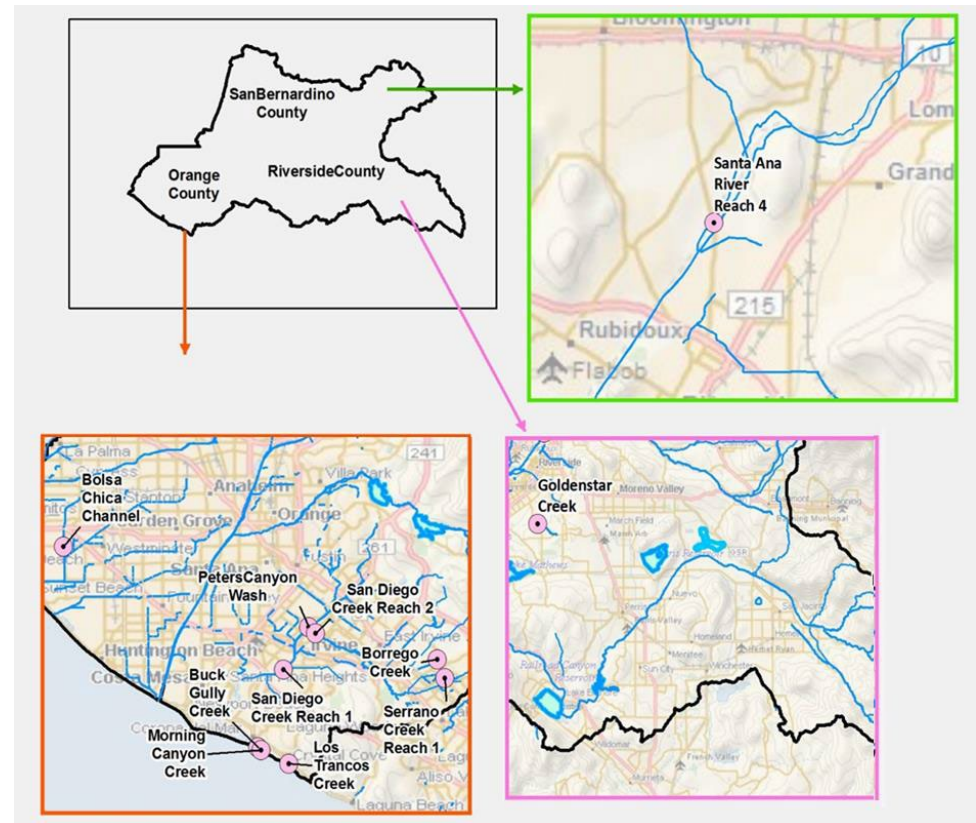
**CDM
Smith**

Outline

- Priority 3 Next Steps
- Cucamonga Creek Anti-Degradation Update
- Santa Ana River Reach 4 Update
- Other Updates

Planning Next Steps for Priority 3 Waters

- Program developed to use data collected in Priority 3 waters to support management decisions
- After five years of data collection, Task Force is embarking upon assessment of conditions and planning for next steps
- Waters will be evaluated independently



Planning Next Steps for Priority 3 Waters

Current list of Priority 3 Waters

Orange County

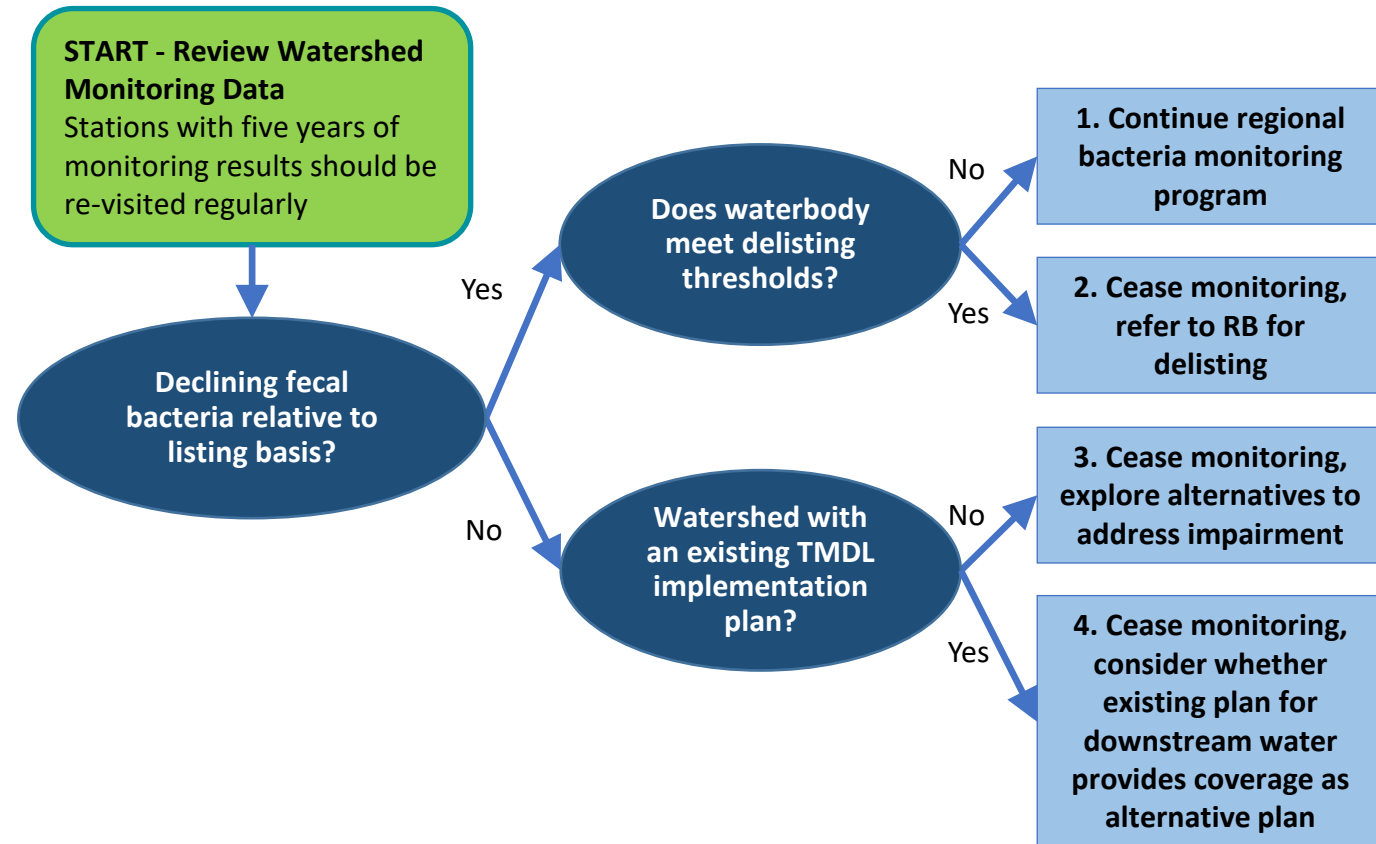
Borrego Creek
Serrano Creek
Peters Canyon Wash
San Diego Creek Reach 1
San Diego Creek Reach 2
Morning Canyon Creek
Buck Gulley Creek
Los Trancos Creek
Bolsa Chica Channel

Riverside County

Goldenstar Creek

San Bernardino County

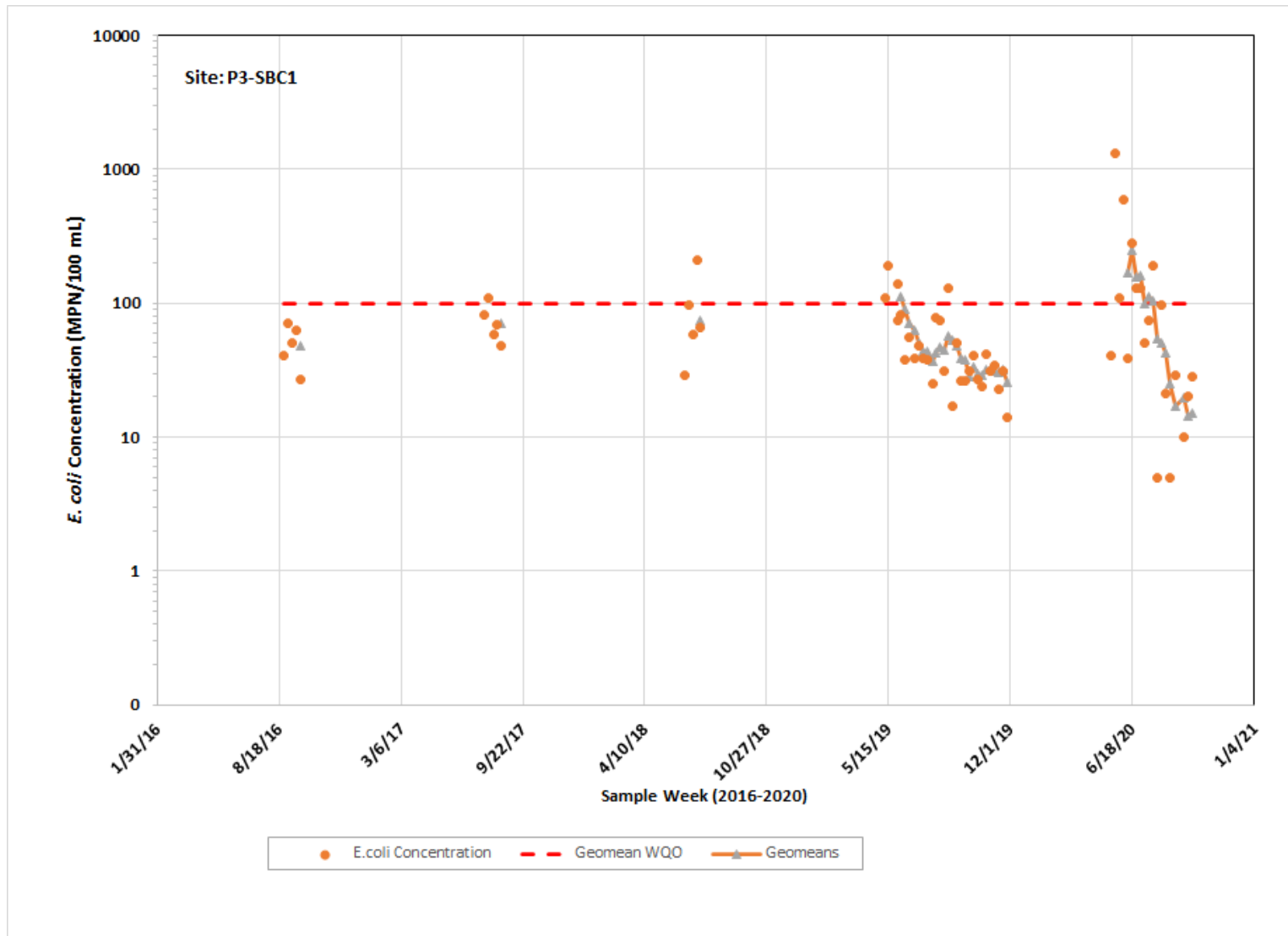
Santa Ana River Reach 4
Warm Creek
San Timoteo Creek



Santa Ana River Reach 4



Santa Ana River Reach 4

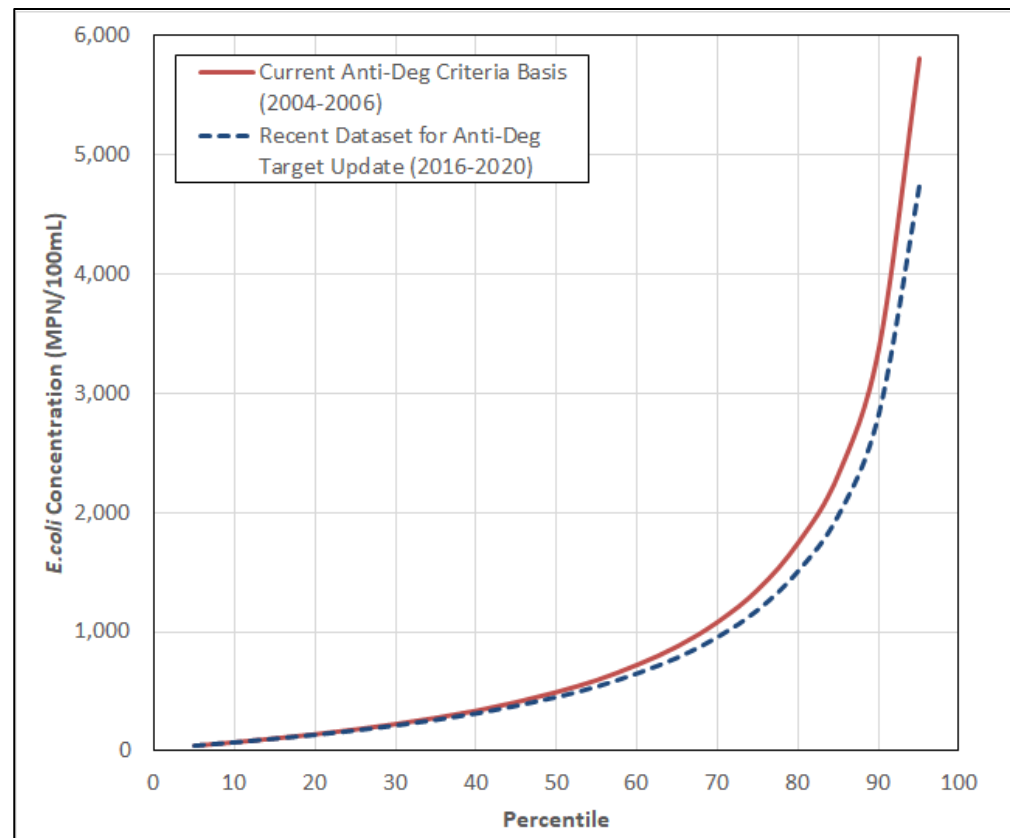




Cucamonga Creek Reach 1

Cucamonga Creek Reach 1 – Hellman Avenue

- Post 2016 *E. coli* samples $N=60$
- Seven more samples through RMP program in 2020-21
- Data from SBCFCD longitudinal 10-week study in 2020
- Fitted distribution shows similar *E. coli* concentration even with changes in POTW effluent – suggests substantial reduction in MS4 bacteria loads to Cucamonga Creek





Other Updates

Other Updates

- All data from 2020 dry season uploaded to CEDEN 8 months earlier than typical to be included in 2024 integrated list cycle
- Ongoing discussion with City of Lake Elsinore to coordinate RMP and other bacteria sampling for protection of swimmers in Lake Elsinore
- Foresee minor modifications to the Monitoring Plan based on recommendations for future monitoring in Priority 3 waters