

SMC Highlights

- Founded in **2001**
- Formed via a Cooperative **Master Agreement**
- Voluntary **Co-Funding Model**

SMC Research and Monitoring

- **Adopted FY 2023-24** Annual Budget of \$650,685
- **24 Priority Projects** in 5-year Research Portfolio
- **40:1 Cost Leveraging** of Member Agency Contributions

SMC effectiveness

- **71%** of SMC member agencies report that the SMC's work over the past 5 years has positively influenced at least one decision or action within their agency
- **50%** of SMC member agencies say that at least one SMC project completed over the past five years has been used to develop or update a stormwater regulatory program that directly involved their own agency

Source: SMC 2021 member agency survey

SMC Project: Linking Indicators of Fecal Contamination to Human Health Risk

- **Highest Ranked** Project from SMC's 2019-2024 Research Agenda Portfolio
- Quantifying **Human Fecal Sources** in **Wet Weather**
- **Improved Risk Prediction** from Stormwater Specifically in Swimming areas (either fresh or marine)



Photo courtesy of Amy Zimmer-Fausch, SCCWRP

Regulated Agencies – Why Should I Care About this Study?

- Monitoring Programs:
 - Bacteria/Pathogens found everywhere in Wet Weather
 - Exceed Standards
 - Yet Sources not always readily identified with current methods
- In S.CA it is the Pollutant of most concern for future Permit compliance
- Financial cost to control/and or treat this Pollutant on a large scale is beyond any Public Agency's ability
- With HF 183 analysis and a QMRA, and this Study's Threshold you have the ability to prioritize efforts/funds

Regulator – Why Should I Care About this Study?

- Wet Bacteria TMDLs, Receiving Water Limitation Obtainment and Permit Compliance – No flexibility
- Enforcement is staff intensive activity
- Use of HF183, QMRA and Threshold can provide:
 - A Tool to prioritize areas with high pathogen risk and in highly visited recreational areas
 - Potential development of future site specific objectives
 - Alternative pathway to compliance already accepted by U.S. EPA