



California Bacteria Summit September 14-16, 2022 Agenda



Co-Hosted by the California Water Boards and CASQA

PURPOSE OF THE SUMMIT

Understand what it means to have waters that are safe to swim and shellfish that are safe to eat, based on the latest science and learnings, and identify actions needed to achieve those outcomes

Day 1 Goal:

- Develop a common understanding of the evolution of the standards and science relevant to defining and achieving waters that are safe to swim and shellfish that are safe to eat

Item	Topic	Speaker(s)	Format	Time
1.	Welcome / Opening	Jonathan Bishop, State Water Board Karen Cowan, CASQA	Presentation	9:00am -9:25am
2.	Icebreaker Activity / Review of the Summit Agenda and Format	Ryan Golten, Facilitator	Presentation	9:25am - 9:40am
3.	What Does It Mean to Say “Waters That Are Safe to Swim and Shellfish That Are Safe to Eat?”	Ryan Golten, Facilitator	Focused group discussion	9:40am -10:15am
BREAK				10:15am -10:30am
4.	Understanding The Now: Current Water Quality Standards and How They Were Developed			
	California Water Quality Standards	Rebecca Fitzgerald, State Water Board	Presentation + Q&A	10:30am -10:55am
	Framework for Ocean Beach & Inland Beach REC Monitoring	Amanda Blackwell and Nick Martorano, State Water Board	Presentation + Q&A	10:55am -11:15am
	National Water Quality Recreational Criteria	John Ravenscroft, EPA	Presentation + Q&A	11:15am -11:55am
	California Dept. of Public Health Regulatory Framework	Vanessa Zubkousky, CA Dept. of Public Health	Presentation + Q&A	11:45am - 12:15pm
LUNCH				12:15pm -1:45pm
5.	How Do We Evaluate and Measure if Waters are Safe to Swim and Shellfish are Safe to Eat?	Josh Steele, Southern CA Coastal Water Research Project (SCCWRP) Jeff Soller, Soller Environmental Ali Boehm, Stanford University	Presentations	1:45pm - 2:50pm
6.	What Are We Learning That is Helping Us Better Determine if Waters are Safe to Swim and Shellfish are Safe to Eat in California?	Charles Brooke, CA Dept. Food and Agriculture Lucy Lefkowitz, Heal the Ocean Jian Peng, County of Orange Ken Schiff, SCCWRP John Griffith, SCCWRP	Panel and interactive Q&A	2:50pm - 4:00pm
7.	Close with Short Wrap-Up Activity	Ryan Golten, Facilitator		4:00pm - 4:30pm



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Day 2 Goals:

- Review current source reduction and regulatory tools
- Identify what's working well, what may be falling short, and potential improvements or opportunities to effectively reach our goals

Item	Topic	Speaker	Format	Time
8.	Welcome and Intro to Day 2	Ryan Golten, Facilitator		9:00am -9:20am
9.	Understanding The Now: How Have Sources Been Reduced and What Lessons Have Been Learned from Those Efforts?			
	Overview of potential sources of bacteria and how they get to waterbodies	Ashli Desai, Larry Walker Assoc. Brandon Steets, Geosyntec	Presentation + Q&A	9:20am -10:00am
	Efforts that have been used to reduce indicator bacteria concentrations			
10.	Opportunities and Emerging Implementation Approaches			
	Efforts that have been used to reduce human sources of bacteria	Jill Murray, City of Santa Barbara Vicki Kalkirtz, City of San Diego	Presentation + Q&A	10:00am -10:45am
	BREAK			10:45am -11:00am
	Discussion of Opportunities for Source Reduction Moving Forward	Ryan Golten, Facilitator	Facilitated discussion in small groups	11:00am-12:00pm
	LUNCH			12:00pm -1:30pm
11.	Understanding The Now: Current Regulations and Tools to Implement the Standards			
	Water Boards Permitting & TMDL Framework	Rebecca Fitzgerald Tom Mumley, San Francisco Bay Water Board	Presentation + Q&A	1:30pm -2:15pm
12	Opportunities and Emerging Regulatory Approaches	Rebecca Fitzgerald (moderator) Alisha Wenzel, Central Valley Water Board LB Nye, LA Water Board Tom Mumley, SF Water Board Stacy Gillespie, State Water Board Jeremy Haas, San Diego Water Board	Discussion and interactive Q&A	2:15pm -3:15pm
	BREAK			3:15pm-3:30pm
	Discussion of Regulatory Opportunities	Ryan Golten, Facilitator	Facilitated discussion in small groups	3:30pm -4:30pm
13.	Close with Short Wrap-Up Activity	Ryan Golten, Facilitator	Discussion	4:30pm -5:00pm



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Day 3 Goals:

- Identify needed regulatory actions and research for achieving waters that are safe to swim and shellfish that are safe to eat
- Discuss a process for implementing those actions, including immediate next steps

Item	Topic	Speaker	Format	Time
14.	Welcome and Intro to Day 3: <i>Where do we go from here?</i>	Ryan Golten, Facilitator		9:00am - 9:15am
15	Key Take-Aways from Day 1 and Day 2	Jonathan Bishop, State Water Board Karen Cowan, CASQA Ryan Golten, Facilitator	Slides to frame discussion, based on previous days; with opportunity for group to discuss and add key points	9:15am – 10:00am
16.	What Does Long-Term and Short-Term Success Look Like – given the last 2 days of discussions?	Small-Group Facilitated Discussions	Brainstorming to seed full-group discussions (agenda items 17 and 18)	10:00am -11:00am
BREAK				11:00am – 11:15am
17	Big Picture/ Long Term: What is our vision for success? What are the prioritized regulatory and scientific/research actions needed to achieve this vision?	Full-Group Facilitated Discussion	Facilitator (with planning team) to frame discussion, drawing from the small-group brainstorming	11:15am -12:15pm
LUNCH				12:15pm – 1:15pm
18	Near Term: Given our long-term vision, what does success look like in the interim? What are the prioritized regulatory and scientific/research actions needed to achieve this vision?	Full-Group Facilitated Discussion	Facilitator (with planning team) to frame discussion, drawing from the small-group brainstorming	1:15pm - 2:15pm
19	How Can We Accomplish This Together: What should be our process for working together to achieve these outcomes?	Full-Group Facilitated Discussion	Framing Slides / questions to help the discussion	2:15pm – 3:00pm
20	Wrap up and Next Steps What are the specific next steps and assignments?	Ryan Golten, Facilitator	Summary and Action Items	3:00pm - 3:30pm