

**California Water Quality Monitoring Collaboration Network Participant:**

Join the California Water Quality Monitoring Collaboration Network along with Mauricio Larenas and Grace S. Anderson from Source Molecular “**Digital PCR, California's Source ID Manual, and US EPA tests: Developments in Microbial Source Tracking**”. Please join us on Thursday January 15, 2015 from 11:30 AM - 12:30 PM. Please see the instructions below to join the webinar. To watch the presentation, “join the online meeting” and to hear the meeting, “join the teleconference (call in)” as we use voice over phone protocol.

**Digital PCR, California's Source ID Manual, and US EPA tests: Developments in Microbial Source Tracking**

Improvements in Microbial Source Tracking, including the use of advanced Digital PCR technology, release of the official California Source ID Manual, and development of US EPA tests for Human, Cattle and Dog, have enabled watershed managers throughout California to better identify the causes of fecal waste in their waterways. The purpose of this presentation is to educate watershed practitioners on recent developments in Microbial Source Tracking (MST) and how they can be used to support bacteria pollution monitoring and remediation within TMDL implementation and NPDES stormwater discharge permitting.

**Presenters:**

**Mauricio Larenas**

As Chief Operating Officer of Source Molecular Corporation, Mauricio Larenas has helped thousands of water managers across the country understand the importance of source identification. He has assisted countless of researchers seeking to improve source tracking technologies.

Mauricio is currently developing an analytical data management system, which will be in full compliance with ISO/IEC 17025:2005 accreditation requirements. He is working closely with Source Molecular’s highly trained scientists to document the laboratory’s high quality and world-class standards.

Mauricio came to Source Molecular equipped with an extensive experience in computer systems and information technology. He designed and developed South Beach Maritime's FMC-compliant platform and back-end database, which tracks domestic and global import and export tariff rates. He developed Beta Analytic's internal communication system for their international offices and created a contact management strategy.

**Grace S. Anderson**

Grace Anderson is the current Business Development Manager of Source Molecular Corporation. Over the past year alone, Grace has assisted over 40 organizations in the development of fecal source identification projects. She contributes a broad outlook which she has gained through her international professional experience that has

spanned three continents (Africa, Asia, and North America). Through her previous position as Skynet Worldwide's Import & Export Logistic Manager, Grace learned the importance of organization and management of multi-tiered complex projects. Over the last three years, Grace has built relationships with hundreds of local watershed managers and state regulators by educating them on the latest analytical tools available for identifying and remediating fecal pollution, which can have significant health and economic impacts on a community. She hopes to continue building these relationships with the overall goal of being able to help every watershed in North America to identify their sources of fecal contamination.

[www.sourcemolecular.com](http://www.sourcemolecular.com)

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#### Meeting information

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Topic: CWQMCN Webinar

Date: Thursday, January 15, 2015

Time: 11:30 am, Pacific Standard Time (San Francisco, GMT-08:00)

Meeting Number: 747 779 380

Meeting Password: water

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To start or join the online meeting

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Go to

<https://waterboards.webex.com/waterboards/j.php?MTID=mb6d54d3ecfbd9112ddce72507b74cf9d>

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#### Teleconference information

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Call-in toll-free number (Verizon): 1-877-791-0566 (US)

Call-in number (Verizon): 1-203-418-5330 (US)

Show global numbers:

[https://clicktojoin.verizonbusiness.com/wbbcClick2Join/servlet/WBBCClick2Join?TollNumCC=1&TollNum=203-418-5330&TollFreeNumCC=1&TollFreeNum=877-791-](https://clicktojoin.verizonbusiness.com/wbbcClick2Join/servlet/WBBCClick2Join?TollNumCC=1&TollNum=203-418-5330&TollFreeNumCC=1&TollFreeNum=877-791-0566&ParticipantCode=1239775&customHeader=mymeetings&dialInNumbers=true)

[0566&ParticipantCode=1239775&customHeader=mymeetings&dialInNumbers=true](https://clicktojoin.verizonbusiness.com/wbbcClick2Join/servlet/WBBCClick2Join?TollNumCC=1&TollNum=203-418-5330&TollFreeNumCC=1&TollFreeNum=877-791-0566&ParticipantCode=1239775&customHeader=mymeetings&dialInNumbers=true)

Attendee access code: 123 977 5

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For assistance

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2. On the left navigation bar, click "Support".

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**CWQMCN Communication:**

You can join the CWQMCN webinar listserv by signing up on the web at:

[www.waterboards.ca.gov/resources/email\\_subscriptions/swrcb\\_subscribe.shtml](http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml). Enter your email address and name, place a check mark next to "Water Quality Monitoring Collaboration Network - Webinar Sessions", then click the "subscribe" button. We have set up a webpage for the California Water Quality Monitoring Collaboration Network (CWQMCN) at:

[www.waterboards.ca.gov/water\\_issues/programs/monitoring\\_council/collaboration\\_network/index.shtml](http://www.waterboards.ca.gov/water_issues/programs/monitoring_council/collaboration_network/index.shtml)

LinkedIn Group: California Water Quality Monitoring Professional Network

This group was formed to facilitate water quality monitoring communication and discussions. [www.linkedin.com](http://www.linkedin.com)

Watch CWQMCN videos and find video playlists at [www.youtube.com/cwqmcn](http://www.youtube.com/cwqmcn).