

MANAGEMENT COMMITTEE INFORMATION PACKET



Santa Clara Valley *Urban Runoff* Pollution Prevention Program

Campbell • Cupertino • Los Altos • Los Altos Hills • Los Gatos • Milpitas • Monte Sereno • Mountain View • Palo Alto
San Jose • Santa Clara • Saratoga • Sunnyvale • Santa Clara County • Valley Water

August 15, 2019 Meeting

MATERIALS FOR INFORMATION

II. August 15, 2019 Agenda

III. July 18, 2019 Meeting Minutes

IV. July 18, 2019 Action Items

VIII. MRP Implementation

1. Memorandum to Management Committee, from Program Staff, re: Management Committee Briefing on Priority Items, August 2019
2. Highlights of BASMAA Committee Meetings, July 2019 to August 2019

VIII. A. New Development and Redevelopment

1. C3 Provision Oversight Ad-Hoc Task Group Meeting Summary, July 29, 2019

IX. Other Business

1. Letter to Jeanine Townsend, State Water Resources Control Board, from Daniel Apt, CASQA, re: the 2019 Ocean Plan Review, August 8, 2019
1. CASQA Vision Handout, 2019
1. CASQA Annual Update, 2019
2. MC Calendar, August 2019 to October 2019



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Urban Runoff
Pollution Prevention Program**

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AGENDA

MANAGEMENT COMMITTEE MEETING

August 15, 2019, 9:30 - 11:00 am

Sunnyvale Civic Center, West Conference Room
456 Olive Avenue, Sunnyvale

- 9:30** **I. Management Committee Meeting Call to Order/Introductions**
- II. Additions or Revisions to Agenda; Announcements**
- III. Approval of Minutes (July 18, 2019 meeting)**
- IV. Review of Action Items from Last Meeting**
- 9:40** **V. Time Open for Public Comment on Any Subject Not on Agenda (2 minutes)**
- VI. Regional Water Board Staff Comments**
- 9:45** **VII. Program Business**
- A. Program Manager's Report**
1. Bay Area Stormwater Management Agencies Association (BASMAA) Update – *information.*
2. California Stormwater Quality Association (CASQA) Update – *information.*
3. Grants Update – *information.*
- B. Program Management**
- No items.
- 10:00** **C. Program Budget**
- No items.
- 10:10** **VIII. MRP Implementation**
- A. New Development and Redevelopment**
1. Priority Items Identified by Program Staff-- *see MC briefing memorandum.*
- a. Green Stormwater Infrastructure Work Plan Tasks – *see MC briefing memorandum.*
- b. Stormwater Resource Plan Development – *status report.*
2. Management Committee Requested Items

10:20

B. Trash Controls

1. Priority Items Identified by Program Staff -- *see MC briefing memorandum.*
 - a. Receiving Water Monitoring Plan – *status report.*
 - b. Trash Load Reduction – *status report.*
2. Management Committee Requested Items

10:30

C. Monitoring / Pollutants of Concern

1. Priority Items Identified by Program Staff-- *see MC briefing memorandum.*
 - a. PCBs/Mercury Load Reduction – *status report.*
 - b. Reasonable Assurance Analysis (RAA) – *status report.*
2. Management Committee Requested Items

10:40

D. Outreach Activities

1. Priority Items Identified by Program Staff -- *see MC briefing memorandum.*
2. Management Committee Requested Items

10:50

E. Other Permit-Related Activities

1. Priority Items Identified by Program Staff -- *see MC briefing memorandum.*
2. Management Committee Requested Items

10:55 **IX. Other Business**

1. External Meeting Summaries – *questions on materials provided prior to the meeting.*
2. Miscellaneous – *information from MC members.*
3. AHTG Status Table – *updates available at <http://www.scvurppp-w2k.com/mc.shtml>*

11:00 **X. Adjourn**



**MANAGEMENT COMMITTEE MEETING
MINUTES**

July 18, 2019

Campbell • Cupertino • Los Altos • Los Altos Hills • Los Gatos • Milpitas • Monte Sereno • Mountain View • Palo Alto
San Jose • Santa Clara • Saratoga • Sunnyvale • Santa Clara County • Valley Water

I. MANAGEMENT COMMITTEE CALL TO ORDER / INTRODUCTIONS

Kirsten Struve (Chair, Valley Water) called the meeting to order at 9:40 am. Management Committee (MC) members introduced themselves.

II. ADDITIONS OR REVISIONS TO THE AGENDA; ANNOUNCEMENTS

There were no additions to the agenda. The following announcements were made:

- Cheri Donnelly is retiring from the City of Cupertino in September.
- Voters approved the ballot measure for implementing a stormwater fee in the City of Cupertino. It was approved by the City Council on July 16, 2019.
- Terry Young and Steve Lefkovits will no longer be serving as Water Board members.
- Carol Boland and Amanda Orozco have moved to new roles within the City of San Jose and will not be involved in SCVURPPP activities.
- Kathy Ottenberg is not with the West Valley Clean Water Authority anymore. Pia Lusk will replace Kathy on all SCVURPP AHTGs and Work Groups.
- The Los Altos City Council approved the City's GSI Plan. The ballot measure for implementing a stormwater fee did not pass.
- The Campbell City Council approved the City's GSI Plan.
- The City of Santa Clara will present its GSI Plan to Council on August 20, 2019.

III. APPROVAL OF MINUTES

Motion: Kirsten Struve (Valley Water) moved to approve the minutes from the May 16, 2019 MC meeting. **Second:** Sharon Newton (San Jose). **Vote:** Motion passed unanimously.

IV. REVIEW OF ACTION ITEMS FROM LAST MEETING

Action Items from the May 16, 2019 meeting:

- None.

Action Items from previous meetings:

- Action item 4-18-2 (Develop an updated description of WMI-related groups for posting on the WMI website) is in progress. Jill Bicknell (Program staff) will send it to Kirsten, Trish Mulvey (CLEAN South Bay), and Phil Bobel (Palo Alto) for review.

V. TIME OPEN FOR PUBLIC COMMENT ON ANY SUBJECT NOT ON AGENDA

No members of the public were present.

VI. WATER BOARD STAFF COMMENTS

Water Board (WB) staff was not present at the meeting, and no comments were submitted.

VII. PROGRAM BUSINESS

A. PROGRAM MANAGER'S REPORT

1. BASMAA Update

Chris Sommers (Program staff) reported that the BASMAA Board is continuing to discuss its current and future organizational structure. BASMAA members met with Stanford University representatives and WB staff to discuss Stanford's comments on managing PCBs during demolition projects.

2. CASQA Update

Vishakha Atre (Program staff) provided the following updates from the CASQA Board meeting held on July 9, 2019:

- The Board conducted a mid-year budget review and discussed progress on 2019 priorities.
- The development of an Urban Pesticide Coordinated Monitoring Program is in progress. A Management Agency Agreement between DPR and the State Water Board was completed to allow for easier collaboration between the two agencies.
- A group of stormwater program representatives from San Diego, Riverside County, Orange County, and CASQA traveled to Washington DC in late June and talked to about eight legislators and staff about bacteria regulations
- The California Stormwater Authority JPA has finished its work on governance structure and administrative tasks, and is developing criteria for projects. CASQA representatives are talking to State Board STORMS staff about funding for potential projects.
- The CASQA webinar on August 15 will focus on schools. The Program will purchase an area-wide registration for Co-permittees.

3. Grants Update

No items.

B. PROGRAM MANAGEMENT

No items.

C. PROGRAM BUDGET

1. Program Budget

Chris informed the MC that a memorandum describing the use of unencumbered SCVURPPP budget from previous fiscal years was e-mailed to the MC. He asked the MC to consider approving the budget request.

The MC discussed the request, and asked Program staff to develop an additional draft scope of work and budget for evaluating the effectiveness of source control actions for reducing litter.

Motion: Eric Anderson (Mountain View) moved to approve the request for use of unencumbered SCVURPPP budget from previous fiscal years. **Second:** Sharon Newton (San Jose). **Vote:** Motion passed unanimously.

Action: Program staff will develop a scope of work and budget for evaluating the effectiveness of source control actions for reducing litter.

VIII. MRP IMPLEMENTATION

A. NEW DEVELOPMENT AND REDEVELOPMENT

1. Priority Items Identified by Program Staff

Vishakha provided the following updates:

- Program staff worked with Valley Water staff to respond to State Board staff's comments on the Final SWRP. State Board staff asked that the SWRP include the cost of implementation for GSI opportunities listed in the prioritized project opportunities list. Program staff revised Chapter 7 of the SWRP to address this request, and the edits were approved by State Board staff. The revised SWRP will be submitted to State Board staff soon.
- The next C3PO AHTG meeting will be held on Monday, July 29. Program staff will provide updates on the SCVURPPP GSI Work Plan and MRP 3.0 at the meeting.

B. TRASH CONTROLS

1. Priority Items Identified by Program Staff

Chris informed the MC that all trash assessments for FY 18-19 have been completed. The preliminary regional Receiving Water Monitoring Program Report was approved by the Management Committee in June and submitted to the Water Board via BASMAA on July 1, 2019. The final report is due to the Water Board by July 1, 2020.

C. MONITORING AND POLLUTANTS OF CONCERN

1. Priority Items Identified by Program Staff

Chris informed the MC that Program staff has received information on completed GSI projects from Co-permittees for the GSI Database. The collected data will be used to generate information for the FY 18-19 Annual Report.

D. OUTREACH ACTIVITIES

1. Priority Items Identified by Program Staff

No items

E. OTHER PERMIT-RELATED ACTIVITIES

Vishakha reminded the MC to complete the survey for the Pesticide Source Control Evaluation report. The survey asks for Co-permittee specific information on improvements made in less-toxic pest management in the last Permit term, and enhancements proposed for the next Permit term. The MC discussed the reporting requirement and agreed that enhancements are required in the following areas: improved staff trainings that focus on pollutants of concern, and documentation of IPM techniques used. The MC asked Program staff to send them the information collected from the survey for review.

Action: Program staff will send information collected from the Co-permittee pesticide source control evaluation survey to the MC for review.

IX. OTHER BUSINESS

No items.

X. ADJOURN

The MC meeting adjourned at 11:10 a.m.



**Santa Clara Valley
Urban Runoff
Pollution Prevention Program**

Meeting Attendance Record

DATE July 18, 2019

Campbell • Cupertino • Los Altos • Los Altos Hills • Los Gatos • Milpitas • Monte Sereno • Mountain View • Palo Alto
San Jose • Santa Clara • Saratoga • Sunnyvale • Santa Clara County • Valley Water

CO-PERMITTEE REPRESENTATIVES

(voting members)

SIGNATURE

Cheri Donnelly – Cupertino
Alternate: Roger Lee

C. D.

Aida Fairman – Los Altos
Alternate: Andrea Trese

Aida Fairman

Nichol Bowersox – Los Altos Hills
Alternate: John Chau

Elaine Marshall – Milpitas
Alternate: Kan Xu

Eric Anderson – Mountain View
Alternate: Carrie Sandahl

E. Anderson

Karin North – Palo Alto
Alternate: Pamela Boyle Rodriguez
Alternate: Michel Jeremias

Sharon Newton – San Jose
Alternate: Jeff Sinclair

Sharon Newton

~~Dave Staub~~ – Santa Clara Rinta Perkins
Alternate: ~~Karin Hickey~~ Dave Staub

Rinta Perkins

Melody Tovar – Sunnyvale
Alternate: Nupur Hiremath

Melody Tovar

Vanessa Marcadejas – Santa Clara County
Alternate: Garik Iosilevsky

Vanessa Marcadejas

Kirsten Struve – SCVWD
Alternate: James Downing

Kirsten Struve James Downing

Sheila Tucker – West Valley Communities
(Campbell, Los Gatos, Monte Sereno, and Saratoga)

Sheila Tucker

URBAN RUNOFF PROGRAM STAFF

Adam Olivieri

Jill Bicknell

Chris Sommers

Vishakha Atre

Chris Sommers

REGIONAL BOARD REPRESENTATIVE

TBD

INTERESTED PARTIES/AGENCY REPRESENTATIVE

Trish Mulvey – Clean South Bay

ADDITIONAL ATTENDEES

**Santa Clara Valley Urban Runoff Pollution Prevention Program
Management Committee Meeting Action Items**

Action Items from the July 18, 2019 Meeting

Action	Description	Responsibility	Due Date	Status	Comments
7-19-1	Develop a scope of work and budget for evaluating the effectiveness of source control actions for reducing litter.	Program staff	August	In Progress	
7-19-2	Send information collected from the Co-permittee pesticide source control evaluation survey to the MC for review.	Program staff	August	In Progress	

Action Items Remaining from Previous Meetings

Action	Description	Responsibility	Due Date	Status	Comments
4-18-2	Develop an updated description of WMI-related groups for posting on the WMI website.	Program staff	August	In Progress	



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MEMORANDUM

Campbell • Cupertino • Los Altos • Los Altos Hills • Los Gatos • Milpitas • Monte Sereno • Mountain View • Palo Alto
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TO: Management Committee

FROM: Program Staff

DATE: August 8, 2019

SUBJECT: Management Committee Briefing on Priority Items

Program Management

- NPDES Permit Reissuance – The fourth meeting of the MRP 3.0 Steering Committee occurred on June 25th. The agenda included a review of the summary and action items from the previous meeting, summaries from the four MRP 3.0 work groups regarding discussions that have occurred to-date and topics for upcoming meetings, and a presentation and discussion on the relationship between Green Stormwater Infrastructure (C.3.j) requirements, and C.11/C.12 load reduction requirements (if any) in MRP 3.0, and other potential indicators/drivers for GSI. The next meeting is scheduled for September 3rd.

Updates on the Work Groups are as follows:

- C3/GI Work Group – The Work Group is being coordinated by Jill Bicknell (SCVURPPP) and Matt Fabry (SMCWPPP). The Work Group held its sixth meeting on July 15, 2019. During this internal meeting (with no Water Board staff present), the Work Group discussed draft responses to the list of “perspectives” provided by Water Board staff on current and proposed C.3 provisions. The Work Group also formed two subgroups to work on draft proposals for permit language related to GI drivers, indicators, and alternative compliance. The next C3/GI Work Group meeting, for both permittee and Water Board staff, will be held on September 5.
- Monitoring Work Group – The Work Group is being coordinated by Bonnie de Berry (SCVURPPP/SMCWPPP) and Lucile Paquette (CCCWP). Jordan Ciprian (San Jose), James Downing (Valley Water), and Chris Sommers and Paul Randall (SCVURPPP) are representing SCVURPPP on the Work Group. The first meeting with Water Board staff was held on April 25th. The Work Group members briefly reviewed current C.8 requirements and shared their perspectives on the utility of different types of monitoring data. The Work Group will meet again on August 19th.

Note: * indicates that Program staff has identified this item for discussion and/or consideration for approval at the Management Committee meeting.

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1-800-794-2482

- PCBs/Mercury Work Group – This Work Group is being coordinated by Jim Scanlin (ACCWP) and Lisa Austin (Geosyntec for ACCWP/CCCWP). Raffles Warners (City of Santa Clara), Carol Boland (San Jose) and Chris Sommers (SCVURPPP) are representing SCVURPPP. The Work Group met with Water Board staff on April 25th and June 10th. The Work Group members reviewed current C.11 and C.12 requirements and shared their perspectives on the current structure of the permit and the lessons learned in MRP 1.0 and 2.0 regarding control measure effectiveness, costs and load reduction opportunities moving forward. Discussions have been productive to-date. The Work Group will meet again in October.
- Trash Work Group – The Work Group is being coordinated by Chris Sommers (SCVURPPP). Carrie Sandahl (Mountain View), Liz Neves (San Jose), Shelia Tucker (West Valley), Rinta Perkins (Santa Clara) and Kirsten Struve (Valley Water) are representing SCVURPPP on the Work Group. Work Group meetings with Water Board staff occurred on April 23rd, May 29th and July 23rd. The Work Group members continue to review current C.10 requirements and share their perspectives. Discussions have been productive to-date. The Work Group will meet again in September (exact date TBD).
- FY 18-19 Annual Report Form and Guidance –SCVURPPP staff assisted BASMAA with preparation of the MRP Annual Report Form updates. Water Board staff accepted the updates on June 11th, and Program staff then completed development of the SCVURPPP-specific guidance on the Annual Report Form. The final SCVURPPP Annual Report guidance memo and Annual Report Forms are available on the members only website.
- SCVURPPP Website – Program staff launched the Program’s new website on April 22nd (Earth Day). The same url www.scvurppp.org is being used.

New Development and Redevelopment

- Stormwater Resource Plan (SWRP) – The Final SWRP was completed and submitted to the Grant Manager on December 21, and is posted on the SWRP website. Program staff responded to a few additional comments from the grant manager (as discussed at the May MC meeting) and the response and revisions to the SWRP were accepted. The revisions were incorporated into the Final SWRP, the date updated to July 2019, and submitted to the grant manager.
- GSI Handbook Part 1 – This final draft document is undergoing minor edits and addition of the BASMAA GI Alternative Sizing Guidance. The final version for this FY will be completed by the end of August and posted on the SCVURPPP website.
- GSI Handbook Part 2 – Program staff are continuing to incorporate Co-permittee comments into the set of documents and developing the SCVURPPP typical details. The bioretention and pervious pavement typical details will be completed and posted on the SCVURPPP website in both PDF and CAD formats by the end of August.
- GSI Alternative Sizing Guidance - BASMAA conducted a regional project that evaluated approaches to treatment measure selection and sizing where GI project constraints preclude fully meeting the C.3.d sizing requirements, using hydrologic modeling analyses. The report on the modeling analysis containing bioretention sizing curves and the guidance for use of the sizing curves have been completed and approved by the BASMAA Board. WB staff initially provided verbal comments saying they accepted the modeling results and were fine with the approach for sizing for capture/treatment of 80% of annual runoff; written comments were later provided on June 21, 2019 that granted conditional acceptance of the technical report and guidance (see MC Information Packet). It is anticipated that continuing discussions will occur during FY 19-20 to address their remaining concerns.
- C3PO AHTG – The C3PO AHTG met on July 29. The meeting included discussion of the FY 19-20 GSI Work Plan, the late October C.3 O&M workshop, GSI Plan progress, and updates

on BASMAA Development Committee and MRP 3.0 efforts. Meeting minutes are included in the MC Informational Packet. The next C3PO AHTG meeting will be held on July 29, 2019 at Milpitas City Hall.

Industrial/Commercial Business Inspection

- IND/IDDE AHTG – The last AHTG meeting was held on March 21, 2019. An email on June 20, 2019 was sent to the AHTG requesting information on mobile business enforcement actions. This information will be used to update the mobile business enforcement action table and countywide inventory on the members' only website.

Municipal Maintenance

- Municipal Maintenance AHTG – On July 23, 2019 an email was sent to the AHTG with the updated SCVURPPP Pesticide Tracking template. The template was first provided in 2017 and is update each year to include the most recent Department of Pesticide Regulation (DPR) registered products and remove expired products. The template is to assist municipalities with tracking pesticide use for stormwater annual reporting.
- Rural Roads BMP Workshop –The Municipal Maintenance AHTG Rural Roads BMP Workshop was held on Monday, June 24th and Tuesday, June 25th. The same workshop was held on these two dates from 8am – 12noon. Workshop materials including the classroom presentation, agenda, attendance and evaluation summary have been posted on the SCVURPPP website. A video of the classroom presentation is also available on the members' only website.

Watershed Education and Outreach

- Watershed Watch Campaign FY 19-20 Work Plan – Program staff worked with the Watershed Watch consultant to prepare the draft 19-20 Work Plan. It was sent to the WEO AHTG for review. A document summarizing recommendations for media buys was sent to the Scripts Review Work Group for review.

Pesticide Controls

- Green Gardener Training – Program staff developed and mailed postcards to local landscape maintenance companies to promote the Fall 2019 Green Gardener training.
- Pesticide Source Control Evaluation – Program staff reviewed data from past Co-permittee Annual Reports for including in the Pesticide Source Control Evaluation report. A survey was distributed to collect Co-permittee-specific information on improvements made in the last Permit term, and enhancements planned for the next Permit terms. Program staff is compiling information and following-up with Co-permittees, as needed. The compiled information will be sent to the MC for review.

Watershed Management Initiative

- Land Use Subgroup (LUS) – Program staff chaired the March 20th meeting. The Subgroup has decided to change the meeting frequency to approximately quarterly. Program staff prepare agendas and meeting summaries and complete actions items related to this subgroup. One topic discussed was partnering with the Peninsula-South Bay Watershed Forum on presentations and information sharing. The June 19th meeting of the LUS was cancelled and the next meeting is scheduled for September 18th.
- Zero Litter Initiative (ZLI) –The ZLI Steering Committee meets on a monthly basis. Major topic areas currently being discussed include coordination with Caltrans and other agencies on trash management, design guidance for reducing litter and waste in new and existing buildings, regulations and programs for reducing plastic foodware and litter, and other topics for future webinars. ZLI members Peter Schultze-Allen (Program staff) and Trish Mulvey (CLEAN South Bay), attended the first meeting of the Model Foodware and Litter Reduction Ordinance Work Group of the Santa Clara County Recycling and Waste Reduction Commission - Technical

Advisory Committee (RWRC TAC) on July 22nd. The Work Group is discussing aspects of a model foodware and litter reduction ordinance that eventually could be forwarded to the RWRC TAC for consideration by each Santa Clara County municipality. The Work Group will meet again on August 20th. Other tasks that will be implemented in FY 19-20 and future years are currently being discussed by the Committee. The next ZLI Steering Committee meeting/call is scheduled for September 6, 2019.

- SCBWMI Website - SCVURPPP currently hosts the Watershed Management Initiative website. Program staff continue to update the website quarterly. Program staff is updating descriptions of the WMI committees and subgroups to reflect current WMI activities.

Trash Controls

- On-land Visual Trash Assessments – Trash assessments in FY 18-19 at previously assessed street/sidewalk sites are complete. Over 1,000 assessment events were conducted by Program staff in FY 18-19. Additionally, Program staff conducted an analysis of how best to modify the assessment program to incorporate assessments at land areas that drain to private inlets directly connected to Co-permittee storm drain systems. Program staff provided guidance to Co-permittees on reassessing baseline conditions and requested that if Co-permittees choose to update their baselines, assessments should ideally be completed by the end of the fiscal year. A number of Co-permittees have submitted their data to Program staff. Potential modifications to baseline maps and the assessment sites will be discussed with the Trash AHTG in September. Additionally, Program staff are currently developing a technical basis for modifying assessment frequencies at previously assessed sites. The preliminary results of the frequency analysis being conducted by Program staff was presented at the next MRP 3.0 Trash Work Group. A revised analysis will be presented at the September Trash AHTG meeting.
- Trash Performance Standard Development – The Program has developed study designs for two performance standards for trash control measures – curb inlet screens and enhanced business inspections.
 - Curb-Inlet Screen Study - The curb-inlet screen performance standard project includes participation by the City of Oakland. Fieldwork began in late July 2018 and will run through August 2019. All four characterization events have now been completed. Program staff were selected to present the preliminary findings of the study at the 2019 CASQA Annual Conference in October. A draft of the presentation will be provided in September to the Trash AHTG. A draft report will be completed in November.
 - Enhanced Business Inspection Performance Standard Project - Program staff are moving forward with the City of Sunnyvale staff on this project. The design of the study is currently under development. Program staff are evaluating assessment data collected to-date at locations where the enhanced inspection program has been implemented. Based on this evaluation, Program staff will recommend how best to move forward. Additional details will be provided at the September AHTG meeting.
- Receiving Water Monitoring Program Reporting (BASMAA Regional Project) – MRP 2.0 requires that Co-permittees develop and implement a Monitoring Program Plan and assess the level of trash in local receiving waters to answer specific monitoring/management questions. The regional Monitoring Plan is being implemented by each MRP Program, and coordinated at the regional level. Program staff have completed the first three (of five) rounds of qualitative assessments at 30 sites in water bodies in the Santa Clara Valley. One (of two) round of qualitative/quantitative assessments led by Co-permittees have been completed, with assistance from Program staff. Data generated by Co-permittees were forwarded to Program staff. The first interpretation of the data collected by Program staff, SCVURPPP Co-permittees and by Permittees/Programs associated with other MRP counties is now complete. The preliminary regional report was approved by the Management Committee in June and

submitted to the Water Board via BASMAA on July 1, 2019. The final report is due to the Water Board by July 1, 2020.

- Trash AHTG Meetings – The Trash AHTG typically meets on the 3rd Tuesday of the month. The last meeting was on July 23rd. The next meeting is September 17th. The August meeting has been canceled.

Monitoring / Pollutants of Concern

- Regional Monitoring Coalition (RMC)
 - Creek Status Monitoring – The Program submitted the WY 2018 Urban Creeks Monitoring Report (UCMR) and Electronic Data submittal to the Water Board on April 1, 2019. WY 2019 creek status monitoring is underway. Bioassessment monitoring was completed in mid-June. Other monitoring will continue through summer and fall 2019.
 - Stressor/Source Identification (SSID) Projects – The Program is required to conduct two SSID projects during MRP 2.0 and plans to participate in a regional project to fulfill MRP requirements. The following is a status of the three SSID projects:
 - Coyote Creek Toxicity - Program staff is currently conducting a project to evaluate the stressors and sources of sediment toxicity in Coyote Creek. Monitoring for the project began in the summer of 2018 with sediment toxicity and chemistry monitoring. Initial results were received from laboratories and minimal toxicity was observed. With AHTG concurrence, Program staff have moved forward with proposed additional monitoring in summer 2019. An update on the project was provided at the last Monitoring AHTG meeting on July 2nd.
 - Lower Silver/Thompson Nutrients - Program staff developed a work plan for a second SSID project for SCVURPPP. The SSID project will be a nutrient study in Lower Silver and Thompson Creeks. A draft work plan was forwarded to the Monitoring AHTG for review in late July. Monitoring will begin in August and occur through FY 19-20.
 - Electrical Facilities as PCB Sources – BASMAA is conducting a regional SSID project on behalf of all MRP Permittees. Through the project, BASMAA member agencies are working with Water Board staff to compile and analyze data and information received from electrical transmission/distribution agencies in an effort to better understand potential sources of PCBs to stormwater. The project began in FY 18-19 and will continue through FY 19-20. A work plan describing the project was included in the Program's Water Year 2018 UCMR.
 - POCs Monitoring – The Program conducted POC monitoring in WY 2019 at 6 sites in collaboration with RMP monitoring. Results will be available in mid-2019 and will inform potential future source property identification projects. Additional POC monitoring is currently being planned for late 2019 (wet weather).
 - PCB/Hg Source Identification Studies – The Program recently completed PCB/Hg source property identification studies in seven WMAs. Four of the seven areas are within San Jose, two are in Santa Clara, and one is in Palo Alto. Program staff have met with the affected Co-permittees and next steps, including property referrals, are currently under discussion. Additionally, based on WY 2017 POC monitoring data, Program staff have identified another four WMAs that may contain source properties, and source property investigations are now underway in these WMAs.

- PCB/Hg Control Measure Implementation Plan –To better inform the potential locations where focused PCB control measure implementation may occur, the Program continues to conduct projects in compliance with MRP 2.0 requirements that entail updating preliminary source maps, sampling sediment and water within potentially high interest drainages, and identifying current and proposed control measures. Program staff has begun developing an updated Control Measure Implementation Plan, which will be submitted to the Water Board with the Program’s FY 18-19 Annual Report. Requests for information on newly installed GSI projects were forwarded to Co-permittees in May. Information was due to Program staff by June 26, 2019. Nearly all Co-permittees have submitted GSI information to Program staff.
- Tracking POC Control Measure Implementation – Information on the extent and magnitude of GSI facilities was summarized in Versions 1.0 and 2.0 of the Program’s POC Control Measures Plan. Program staff has developed a more efficient method to obtain, store and access LID/GSI data and other geospatial data at a county-wide level. The method includes applications for each Co-permittee to effectively and efficiently track GSI projects, which is needed for conducting the RAA for PCBs and mercury and addressing GSI planning requirements. The Program’s GSI database is now available to Co-permittees and will be made available to the public in late 2019 or early 2020. The current structure of the database is Phase I. The remaining phases (including the publicly available version) are planned to be completed in FY 19-20. Additional functionality will be added to the database as well during the next phase.
- Reasonable Assurance Analysis (RAA) – Co-permittees are required to conduct an RAA to address PCB and Mercury load reductions required by the TMDLs. Initial RAA tasks for SCVURPPP began in April 2018 and a separate RAA work group has been formed to help guide the project. Current tasks include baseline pollutant modeling and modeling the benefits of existing GSI systems. A draft report on POC baseline modeling results was distributed to the Work Group the third week of April and comments were request by early May. Next steps include modeling the benefits of existing and predicted GSI projects. A presentation of these results will be given to the Management Committee, likely following the September or October MC meeting. In addition, the BASMAA RAA Work Group has begun the “Peer Review” process required by the MRP and BASMAA is contracting with two peer reviewers. Peer review of the Program’s RAA methods and assumptions will be initiated in October.
- Management of PCBs during Building Demolition – Co-permittees are required to develop and implement a protocol to manage PCBs in applicable buildings during demolition. Over the course of FY 2017-18 and 2018-19, BASMAA conducted a regional project to develop a model protocol and tools to assist Co-permittees in their implementation of this protocol. The regional project was completed in October 2018. With assistance from Program staff, Co-permittees are using the information, tools and guidance provided via the regional project to begin implementing a PCBs in Building Demolition Management Program by July 1, 2019. Program staff is assisting Co-permittees in the development and implementation of this program. Tasks that Program staff is undertaking are included in a separate PCBs in Demo Control Program Work Plan. The tasks were discussed at the POC AHTG meeting in June and will be discussed in the next meeting scheduled for September (exact date TBD).
- Additional BASMAA Regional Projects
 - RAA for Source Controls – BASMAA is currently conducting a project designed to update the current Interim Load Reduction Accounting Methodology for use when developing reasonable assurance that control measure plans developed by MRP Permittees by the end of the permit term will achieve TMDL wasteload allocations. The project began in January 2019 and will occur through early 2020. Additional information on this project will be provided at the next POC and RAA AHTG meetings.

- SF Bay Regional Monitoring Program (RMP)

Program staff serves as stormwater representatives on the RMP's Steering Committee (SC) and Technical Review Committee (TRC). Program staff participates to ensure, to the extent possible, that information needs and priority projects for the RMP align with monitoring needs and requirements identified in the regional stormwater permit. The TRC last met on June 13th and the SC met in August. The next TRC meeting is scheduled for September 2019 and the SC meeting is scheduled for October 23rd. RMP Workgroups also continued to meet in July and August 2019, including the Small Tributaries Loading Strategy (STLS) team.

- Monitoring & Pollutants of Concern AHTG Meetings

- The POC AHTG last met on June 24th to discuss ongoing Program staff assistance needed by Co-permittees to adopt/implement the MRP-required Management of PCBs during Building Demolition Program by July 1, 2019. The next meeting will occur in September (exact date TBD).
- The Monitoring AHTG met on July 2nd. The next meeting will occur in the fall of 2019 (exact date TBD).



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Highlights of BASMAA Committee Meetings July - August 2019

BASMAA PIP Committee, July 24, 2019

Chair – Jennifer Kaiser (Vallejo Flood & Wastewater District)
SCVURPPP representatives– Vishakha Atre (SCVURPPP)

- The Committee discussed the OWOW website and potential updates. Jennifer Kaiser will prepare a brief survey to obtain input from agency staff on how they are using the OWOW website.
- The Committee discussed two new fact sheets - Bed Bugs, and Gophers, Moles, Voles and Ground Squirrels.
- Next Meeting (meets quarterly) – October 23, 2019, 1:30 – 3:00 pm

BASMAA Development Committee, August 1, 2019

Chair – Shannan Young (Dublin); *Vice Chair* – Peter Schultze-Allen (SCVURPPP)
SCVURPPP representatives – Jeff Sinclair (San Jose), Pam Boyle Rodriguez (Palo Alto), Isabel Zacharczuk (Palo Alto), Rinta Perkins (City of Santa Clara), Jill Bicknell (Program Staff)

The DC discussed the following topics:

- Asset Management: The Committee received a presentation on Green Infrastructure Asset Management from Ed Othmer (Stantec).
- Alternative Compliance: Peter Schultze-Allen made a presentation to the DC on Alternative Compliance using a case study from Emeryville. Shannan Young provided information on the City of Dublin's Alternative Compliance Handbook.
- MRP 3.0 C.3 / GI Work Group: Jill Bicknell gave an update on the Work Group and GI Indicators Subgroup Meetings
 - June 5 – Regional Water Board staff provided perspectives on C.3 / GI issues.
 - July 15 Meeting – Work Group reviewed preliminary draft C.3 provisions table and provided initial input on permittee perspectives and table sent to permittees for review and comments (comments due August 15).
 - September 5 – Next MRP 3.0 C.3 / GI Work Group meeting
 - GI Indicators Subgroup -- Met July 17 and July 31 to develop draft proposed language on indicators and drivers for GI implementation.
- Participation in Processes to Promote GI:
 - Jill Bicknell led a discussion of reporting requirements in the FY 18-19 Annual Report for this topic. A plan and schedule for new and ongoing efforts at the regional level needs to be submitted and can be developed at a regional level. A work group was formed to prepare a draft for the BASMAA New Development and Redevelopment Regional Supplement.
- Next Meeting – October 3, 2019, 1:30-4:00 pm

Trash Committee, July 23, 2019

Chair – Kirsten Struve (Valley Water)

SCVURPPP representatives – Chris Sommers (SCVURPPP), Liz Lewis (San Jose) and Cheri Donnelly (Cupertino).

- Preliminary Report: Trash Receiving Water Monitoring - Chris Sommers, Project Manager for the BASMAA Trash Receiving Water Monitoring Report, presented the results and findings of the preliminary report submitted to the Water Board on July 1, 2019 by BASMAA on behalf of all MRP Permittees. The presentation slides and preliminary report were distributed to participants prior to the meeting.
- Regional Water Board Update – Water Board staff indicated that an item on MRP trash load reduction will likely be on the Water Board's agenda in winter 2019 or spring 2020 to update the Board members on progress made towards the 80% reduction target in the MRP.
- Caltrans Coordination – Water Board staff indicated that all information received from MRP Permittees on collaborative opportunities with Caltrans on trash control measures was forwarded to Caltrans.
- Next Meeting – September 24, 2019, 10:00 am – 12:00 pm

Monitoring/POC (MPC) Committee, August 7, 2019

Chair – Reid Bogert (SMCWPPP)

SCVURPPP representatives – Chris Sommers and Lisa Sabin (SCVURPPP), Jordan Ciprian (San Jose), and James Downing (Valley Water)

Internal Portion of Meeting

- Status updates on FY 19/20 projects related to the MPC were provided by the Executive Director. These include RAA Peer-Review Project, Regional SSID, RMC Database, and RMC Creek Status Coordination
- Chris Sommers presented the Final Draft RMC 5-yr Bioassessment Fact Sheet. Participants provided input on the factsheet during the meeting. Final edits/comments are due by August 16th.
- Lisa Austin (Geosyntec) provided an update on the regional project “Refined Source Control Load Reduction Accounting. The project is planned for completion by spring 2020.
- Jon Konnan (EOA) provided an update on a number of items related to the “Managing PCBs During Building Demolition Program” currently being implemented by the Permittees. The MPC briefly reviewed a first draft of a scope for a BASMAA Task of Regional Benefit to develop a data tracking tool and regional report for FY 19-20 reporting. Additional discussion on the project will occur over the next few weeks.

External Portion of Meeting

- MPC representatives and Water Board staff briefly discussed the status of current projects, including the Regional SSID Project on Electric Utilities.
- MPC representatives requested that Water Board staff update the Committee on the status of referred source property abatements at the next MPC meeting in September.
- Next Meeting – September 4, 2019, 9:00 am – 3:00 pm

Santa Clara Valley Urban Runoff Pollution Prevention Program

C3 Provision Oversight Ad Hoc Task Group Meeting Summary Report

Date/Time: July 29, 2019, 1:30 - 3:30 pm

Place: First Floor Conference Room, Milpitas City Hall

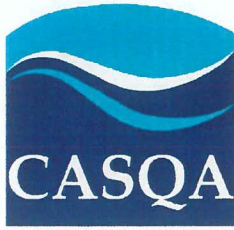
Who Attended: Julie Choun, Nupur Hiremath (Sunnyvale); Cheri Donnelly, Alex Wykoff (Cupertino); Kan Xu (Milpitas); Eric Anderson (Mountain View); Vanessa Marcadejas, Julianna Martin (County), Sheila Tucker (WVCWP); Nick Ajluni, Sandra Freitas (San Jose); Rinta Perkins (Santa Clara); Kirsten Struve (Valley Water); Isabel Zacharczuk, Pam Boyle Rodriguez, Avery Morgan (Palo Alto); Andrea Trese (Los Altos); Julia Nussbaum (Stanford); Jill Bicknell, Vishakha Atre, Liesbeth Magna (Program staff); Peter Schultze-Allen (on phone, Program staff)

Key Issues Discussed:

- Announcements - The following announcements were made:
 - The CASQA webinar on August 15 will focus on connecting municipalities and schools through stormwater. The Program will purchase an area-wide registration for Co-permittees.
 - The CASQA Conference will be held in Monterey from October 7-9, 2019.
- FY 19-20 GSI Work Plan – Jill provided an overview of the FY 19-20 GSI Work Plan. The focus of the Program’s GSI efforts in FY 19-20 will be support of implementation of GSI Plans, providing information on funding opportunities and asset management, training and outreach materials, and continued assistance with GSI project tracking, identification, benefits quantification, and concept development. San Jose staff requested that the Program develop specifications for mulch. Jill said that the Program will work with BASMAA to develop specifications.
- GSI Handbook (Part 2) – Program staff is continuing to develop typical details for Part 2 of the GSI Handbook. It will be completed and posted on the SCVURPPP website in September. The C3PO AHTG asked Program staff to send them the link for the GSI Handbook webpage for including in Co-permittee Annual Reports.
- GSI Database – The request for submitting constructed GSI projects to the SCVURPPP GSI Database was sent to the C3PO AHTG. Program staff has received almost all requested information. Program staff will use some of the collected data to report the number of GSI projects and total and impervious area treated in the Program’s FY 18-19 Annual Report, under Provision C.3.j.iv(2) and (3).
- C3 O&M Workshop – Attendees discussed the C3 O&M workshop planned for October 2019, and suggested the following topics:
 - Appropriate design of treatment features to avoid O&M problems
 - Co-permittee procedures/work flow for tracking regulated projects to ensure proper O&M
 - Presentations on permittee O&M processes/programs
 - Maintenance of pervious pavement

Rinta Perkins shared a stormwater treatment facilities construction inspection checklist being used by the City of Walnut Creek. She will try to implement it at the City of Santa Clara.

- GSI Plans – Attendees reported on the status of their GSI Plans. GSI Plans for Campbell and Palo Alto have been approved by their City Councils. Most permittees are planning to take their Plans to Councils/Board of Supervisors in August or early September.
- GSI Alternative Sizing Guidance - BASMAA conducted a regional project that evaluated approaches to treatment measure selection and sizing where GSI project constraints preclude fully meeting the C.3.d sizing requirements, using hydrologic modeling analyses. The report on the modeling analysis containing bioretention sizing curves and the guidance for use of the sizing curves was submitted to Water Board staff. WB staff sent a letter to BASMAA representatives granting conditional acceptance of the technical report and guidance. It is anticipated that discussions will continue in FY 19-20 to address their remaining concerns.
- MRP 3.0 – Jill provided an overview of the list of “perspectives” provided by Water Board staff on current and proposed C.3 provisions, and draft Permittee perspectives. The C3PO AHTG discussed the perspectives and provided feedback. Jill will take the C3PO AHTG’s feedback to the BASMAA C3/GI Work Group
- Next Meeting – September 23, 2019.



California Stormwater Quality Association®

Dedicated to the Advancement of Stormwater Quality Management, Science and Regulation

August 8, 2019

Jeanine Townsend, Clerk to the Board
State Water Resources Control Board

Subject: Comment Letter – 2019 Ocean Plan Review

Dear Ms. Townsend:

On behalf of the California Stormwater Quality Association (CASQA), thank you for the opportunity to provide comments on the Draft Staff Report and Work Plan for the 2019 Review of the Water Quality Control Plan for the Ocean Waters of California. CASQA has worked extensively with the State Water Resources Control Board (State Water Board) through the development of the recently adopted Bacteria Water Quality Objectives and is particularly supportive of projects related to Issue N (Bacteria Objectives for Water Contact Recreation), Issue H (Shellfish Harvesting Beneficial Uses and Water Quality Objectives), and Issue S (Natural Source Exclusion). These projects have the potential to further our understanding of water quality issues related to bacteria and to improve regulation reflective of the most recent scientific studies and should be prioritized. The comments submitted herein are focused on improvements to the scope of Issues N and H, as presented within the Draft Staff Report and Work Plan.

Comment #1: Issue N – Bacteria Objectives for Water Contact Recreation. State Water Board staff should be allocated the time necessary to effectively engage in a statewide process to address bacteria-related issues.

In mid-2018, CASQA undertook a prioritization process to identify the highest priorities from its Vision and Strategic Actions for Managing Stormwater in the 21st Century (December 2017), as well as key water quality-related concerns / priorities of the CASQA leadership and membership. Through this process, CASQA identified bacteria as a mission-critical priority, primarily based on input from CASQA members regarding the challenges associated with attaining bacteria objectives. Stormwater permittees throughout California, especially in Southern California, have identified bacteria as a high priority in their watershed planning efforts. Additionally, significant resources are being invested in developing new science and information to support the identification of more effective mechanisms to protect beneficial uses. CASQA and its members are leading a statewide process where water quality standards related to bacteria can evolve based on this new science and information to ensure that implementation efforts are properly focused on the protection of recreational beneficial uses and will lead to compliance for stormwater Permittees.

Additionally, there are a number of other related efforts throughout the state to address technical and regulatory challenges associated with bacteria objectives including:

- The State Water Board has been revitalizing and coordinating a Safe to Swim Network as a forum for discussing technical topics and, as a result, has identified bacteria related issues and recommendations in the Ocean Plan triennial review;
- Technical researchers, such as scientists at the Southern California Coastal Water Research Project, Dr. Ali Boehm, and Dr. Rachel Nobel, are responding to the high level of interest in bacteria with separate microbial research plans; and

- United States Environmental Protection Agency (EPA) is in the process of developing a new recommended coliphage criterion.

In order to support these various efforts, CASQA has undertaken a new project (Statewide Bacteria Effort) with the goal of working with the State Water Board to establish and implement a statewide effort to address technical and regulatory issues related to bacteria, similar to the effort implemented to develop and adopt the Sediment Quality Objectives (SQOs). The statewide effort will include a broad range of stakeholders (State Water Board, Regional Water Boards, EPA, stormwater permittees, wastewater permittees, non-governmental organizations), working collaboratively through a unified process. It will replace the existing scenario where stormwater programs are addressing bacteria-related issues of statewide or national significance on a permit-by-permit (or even permittee-by-permittee) basis. The final, desired outcome is to collaboratively resolve the technical and regulatory challenges related to bacteria in order to sustainably and pragmatically achieve water contact recreation beneficial uses.

The CASQA priority project was initiated based on the recognition that effectively addressing risk associated with water contact recreation will require resources and coordination to best consider and incorporate the latest science and information. CASQA is committed to engaging with the State Water Board staff and other stakeholders to support the requested expansion of the scope of Issue N outlined in Comment #2 as one piece of this broader priority project. The Ocean Plan Triennial review prioritization process provides an opportunity for the State Water Board to obtain resources to work with CASQA on this priority project. As a result, CASQA requests that the recommendation includes sufficient resources for engagement of State Water Board staff in this statewide effort.

CASQA Recommendation:

- *Include additional time within the recommendation for Issue N for State Water Board staff to effectively engage in the statewide process led by CASQA. It is suggested that at least 1 Person Year (PY) be added to Issue N to support the statewide process.*

Comment #2: Issue N – Bacteria Objectives for Water Contact Recreation. Modify the Recommendation to include continued assessment of pathogen indicators and their implementation, accounting for risk, salinity, and California-specific studies.

CASQA supports the recommendations related to Issue N (Bacteria Objectives for Water Contact Recreation) as they will further efforts to address longstanding issues with recreational water quality objectives. However, it is important to continually advance our thinking and make sure these projects move towards supporting more sustainable stormwater management. As was noted in our comment letter and testimony on the Statewide Bacteria Provisions¹, the science and methods for evaluating the risk to human health is rapidly evolving. As a result, the proposed projects related to bacteria objectives should be broad enough to consider alternatives to fecal indicator bacteria objectives, if warranted, to effectively protect people recreating in California's waterbodies.

As drafted, the State Water Board acknowledges in Issue N that "[I]n adopting the amendment to the water contact standards, the State Water Board directed staff to review the fecal coliform objective, including the duration and magnitude metrics, and continue to assess pathogen indicators and their implementation, accounting for risk and California-specific studies." (Draft Staff Report, page 35). CASQA is supportive of this direction, but it appears that the recommendation in the Draft Staff Report is limited to review of the epidemiology studies (brought to bear to support the inclusion of the fecal coliform water quality objective) and potentially revising the fecal coliform objective.

While CASQA is supportive of the recommendation, it is important to not only consider the fecal coliform objectives, but also assess other pathogen indicators and other methods of assessing risk from water contact recreation as part

¹ CASQA Comment Letter dated August 16, 2017 on the Bacteria Provisions.

of the triennial review project. As stated in the Resolution² adopted to incorporate the updated Bacteria Provisions into the Ocean Plan, a primary purpose of conducting a triennial review is to ensure water quality standards are based on current science and methodologies, and address U.S. EPA mandates, recommendations, and guidance. As a result, the assessment should not be limited to fecal indicator bacteria. To fully carry out the direction of the State Water Board, as included in the Resolution, the recommendation pertaining to Issue N should include continued work to further our understanding of risk-based approaches to managing water quality related to the water contact recreation beneficial use and considerations of alternatives to the fecal indicator bacteria objectives, including both enterococci and fecal coliform. The path forward should acknowledge that the fecal coliform objectives do not reflect the latest science and epidemiology and alternatives to fecal indicator bacteria (FIB) may provide a better mechanism for protecting recreational beneficial uses.

Additionally, CASQA supports Issue N as a “very high” priority as designed in the matrix in Appendix 1. However, this scoring differs from the results presented in Table 3. Understanding that the rankings will be revised based on public comments, CASQA agrees with the scoring in the matrix and recommends Issue N as one of the Top 3 projects as discussed in Section 8.

CASQA Recommendation:

- *Modify the recommendation under Issue N to be consistent with State Water Board Resolution No. 2018-0038 as follows:*

“As staff resources become available, State Water Board staff recommends reviewing the California-specific epidemiological studies and duration and magnitude metrics and amending the Ocean Plan if appropriate to revise or remove the fecal coliform and enterococci objective, including consideration of objectives or implementation provisions for the objectives based on pathogen indicators or other alternative indicators of risk.”

Comment #3: Issue H – Shellfish Harvesting Beneficial Uses and Water Quality Objectives. Include consideration of risk in the evaluation of Shellfish Harvesting beneficial uses and related Bacteria Objectives.

CASQA supports the recommendations related to Issue H (Shellfish Harvesting Beneficial Uses and Water Quality Objectives) as they will further efforts to address longstanding issues with shellfish harvesting water quality objectives. However, like Issue N, it is important to continually advance our thinking and make sure these projects consider the evolving science regarding protecting the health of people consuming shellfish harvested from California’s waters.

Similar to Issue N, CASQA recommends an evaluation and consideration of risk to human health associated with shellfish consumption when looking at related beneficial uses and water quality objectives. As drafted, the recommendation in the Draft Staff Report addresses separation of the shellfish harvesting beneficial use into at least two categories and potentially revising the fecal indicator bacteria-based water quality objectives. In consideration of recent scientific progress and with the goal of better public health protection, a risk-based approach should also be evaluated and considered with respect to the shellfish harvesting beneficial uses. The project should consider that objectives based on FIB may not be the most appropriate way to ensure that beneficial uses related to shellfish harvesting are protected and that other indicators may be more effective.

² State Water Resources Control Board, Resolution No. 2018-0038. Part 3 of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries of California – Bacteria Provisions and a Water Quality Standards Variance Policy and an Amendment to the Water Quality Control Plan for Ocean Waters of California – Bacteria Provisions and a Water Quality Standards Variance Policy

CASQA Comments on the Draft Staff Report and Work Plan for the 2019 Review of the Water Quality Control Plan for the Ocean Waters of California

CASQA Recommendation:

- *Modify the recommendation under Issue H to include a consideration for risk to human health as follows:*

“State Water Board staff recommends undertaking a project to consider amending the Ocean Plan to (1) separate the shellfish harvesting beneficial use into recreational shellfish harvesting, commercial shellfish harvesting beneficial uses, and potentially tribal shellfish harvesting beneficial uses; (2) revise or remove the existing shellfish harvesting total coliform objective, consider the appropriateness of and potentially develop a fecal coliform objective, or both; and (3) assess pathogen and other alternative indicators as alternatives to the fecal and total coliform objectives, to best account for risk to human health as related to shellfish harvesting and consumption.”

Thank you again for the opportunity to comment on the Draft Staff Report and Work Plan for the 2019 Review of the Water Quality Control Plan for the Ocean Waters of California. If you have any questions, please contact CASQA Executive Director Geoff Brosseau at (650) 365-8620.

Sincerely,



Daniel Apt, Chair
California Stormwater Quality Association

cc: Jonathan Bishop, Chief Deputy Director, State Water Board
Karen Mogus, Deputy Director, State Water Board
Rebecca Fitzgerald, Manager – Water Quality Standards and Assessment Section, State Water Board
Katherine Walsh – Ocean Standards Unit, State Water Board
CASQA Board of Directors
Geoff Brosseau, CASQA Executive Director
Karen Cowan, CASQA Assistant Executive Director
CASQA Executive Program Committee
CASQA Policy and Permitting Subcommittee

California Stormwater Quality Association



Who We Are

The California Stormwater Quality Association (CASQA) has been a leader since 1989 when the field of stormwater management was in its infancy. CASQA's membership is comprised of a diverse range of stormwater quality management organizations and individuals, including over 180 cities, 23 counties, special districts, federal agencies, state agencies, ports, universities and school districts, wastewater agencies, water suppliers, industries, and consulting firms throughout the state.

On a weekly basis, CASQA communicates directly to more than 1,850 individuals, including the CASQA membership, State Water Board, Regional Water Board, and EPA staff.

CASQA's Mission

On behalf of California stormwater permittees, CASQA advances sustainable stormwater management protective of California water resources.

Vision for CASQA

CASQA advances the stormwater field through a network of highly engaged professionals that:

- **Lead:** CASQA provides leadership that results in sustainable statewide stormwater policies, regulations, and programs
- **Collaborate:** CASQA provides a forum for stormwater professionals to share ideas and identify solutions for regulatory, technical, and scientific challenges
- **Educate:** CASQA produces resources and hosts events that inform, educate, and train stormwater professionals, regulators, and the public on the value, challenges, and scientific and technical aspects of stormwater management
- **Support:** CASQA tools and guidance promote implementation of sustainable stormwater programs
- **Develop:** CASQA provides opportunities for the growth of stormwater professionals and development of current and future stormwater leaders

CASQA represents over 26 million Californians

CASQA Members Include:

• Counties: 23

San Diego	Santa Cruz
Riverside	Stanislaus
Los Angeles	Lake
Orange	San Mateo
San Bernardino	Placer
Santa Barbara	Monterey
Ventura	San Luis Obispo
Sacramento	Fresno
Alameda	El Dorado
Marin	San Joaquin
Contra Costa	Santa Clara
Napa	

• Cities: more than 180

• Ports:

Los Angeles, Oakland, Stockton, Long Beach, San Diego

• Government Agencies:

US Army Corps of Engineers, Caltrans, California Department of Parks and Recreation, San Diego County Regional Airport Authority, Lawrence Livermore National Laboratory, San Francisco Bay Area Rapid Transit District

• Educational Facilities:

UC Davis, UC San Diego, UC Riverside, Stanford, California Lutheran University, CSU Sacramento, CSU Channel Islands, CSU Northridge, San Diego Unified School District

• Conservation Organizations:

Golden Gate National Parks Conservancy, Monterey Bay Aquarium

• Water Suppliers / Wastewater Agencies:

Metropolitan Water District of Southern California, County Sanitation Districts of Los Angeles County, Orange County Sanitation District

• Utilities Providers:

Los Angeles Department of Water and Power, Southern California Edison, Pacific Gas & Electric

CASQA's Vision for Stormwater

What It Is

In 2014, CASQA developed the first version of a Vision for Stormwater, with the latest update occurring in 2019. CASQA's Vision for Stormwater was developed to address the primary issue for stormwater management: The lack of consensus on how best to meet the goals of the Clean Water Act. CASQA developed this Vision for Stormwater for itself, its members, and the public to pursue a comprehensive plan for stormwater that will achieve the goals of the Clean Water Act and sustainable stormwater management.

CASQA's Vision for Stormwater aims to: **Manage stormwater as a vital component of California's water resources in a sustainable manner, to support human and ecological needs, to protect water quality, and to enhance and restore our waterways.**

3 Principles

The guiding principles to support this vision are:



1 Sustainable stormwater management uses runoff as a resource, protects water quality and beneficial uses, and efficiently minimizes pollution.



2 Policies, regulations, guidance, training, and funding need to support sustainable stormwater management.



3 Public awareness, understanding, and appreciation of the value of stormwater is essential to sustainable stormwater management.

Stormwater Priorities

Each year, CASQA undertakes an extensive prioritization process to identify the priorities for stormwater for the coming year.

The priorities are based upon CASQA's Vision for Stormwater as well as organizational goals.

CASQA's 2019 Priorities

Priority / Level	Description	Lead
Vision Action 2.2	Articulate Stormwater Program Priorities	EPC / ED
Vision Action 2.7	Create Funding Opportunities	ED / BoD
Vision Action 1.3	Provide Effective and Efficient Solutions through True Pollutant Source Control	EPC
Vision Action 2.5	Establish Guidance/Tools to Support Sustainable Stormwater Programs	EPC / ED
Vision Action 3.1	Create Opportunities for Multiple Agency and Collaborative Efforts to Demonstrate the Value of Stormwater to the Public	EPC
Org Goal 1	Develop Comment Letters and Testimony (Regulatory Support and Legal Counsel Contracts)	EPC
Org Goal 2	Provide Leadership for Statewide Permit Renewals / Amendments	EPC
Vision Action 1.1	Develop Guidance for Integrated Management of Water Resources that Promotes Stormwater as a Resource	ED / BoD
Vision Action 1.4	Work with DPR to Control Toxicity in Receiving Waters from Pesticide Application	EPC
Vision Action 2.3	Augment and Implement Basin Plan Amendment Process	ED
Vision Action 2.4	Develop Policies and Permitting Framework to Support Sustainable Stormwater Management	ED

- *Color coding reflects the priority level for each priority:*
Red = Mission Critical
Orange = Important
Canary = Medium
Gray = Medium (but minimal expectation of resource allocation; more opportunistic approach)
- ED = Executive Director / Association Management Contract
 BoD = Board of Directors
 EPC = Executive Program Committee
- **Vision Action 2.3 and Vision Action 2.4** are included for 2019, but minimal work (compared to the other priorities) is anticipated

The CASQA Vision document is available at: www.casqa.org/about/strategic-plan-vision

Key CASQA Projects

Funding for Stormwater

Sufficient resources need to be dedicated to water quality. Most stormwater programs are funded through municipal general funds. The current funding structure presents a major challenge for elected officials as they must balance the funding of the stormwater program with other programs supported by the general fund, including such things as law enforcement, fire protection, and other essential services. CASQA is actively working on short-term opportunities (SB 231 Implementation; California Funding Website; California Stormwater Authority), with the goal of identifying long-term solutions (e.g. dedicated funding sources for stormwater programs).

Statewide Bacteria Effort

The goal of this project is to work with the State Water Board to establish and implement a statewide effort to address technical and regulatory issues related to bacteria, similar to the effort implemented to develop and adopt the Sediment Quality Objectives (SQOs). The statewide effort would include all stakeholders (State Water Board, Regional Boards, EPA, stormwater permittees, wastewater permittees, NGOs), working collaboratively through one unified process. It would replace the existing scenario where stormwater programs are addressing bacteria on a permit by permit (or even permittee by permittee) basis. The final desired outcome is to collaboratively resolve the technical and regulatory challenges related to bacteria in order to sustainably achieve REC-1 objectives.

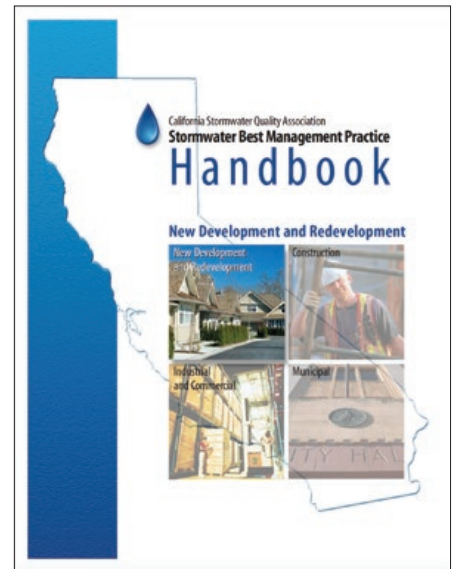
Source Control

A sustainable stormwater program will implement controls that are recognized as effective and economical. The control of some pollutants in stormwater is beyond the direct control of the municipality. Source control and the use of alternative products and green chemistry may ultimately offer the most effective and economical approach to the elimination of many pollutants that impair the beneficial use of waters. CASQA is actively working on several projects to address source control issues, including zinc in tires, copper in brake pads, and pesticide regulation.

Regulatory Support

CASQA actively tracks, comments, and provides testimony on state and federal regulatory issues. As many stormwater programs do not have resources or staff to engage on the breadth and depth of these issues, CASQA's regulatory efforts are a key benefit for our membership and a helpful resource for State Water Board, Regional Board, and EPA staff. In the past year, CASQA has provided comment letters / testimony on issues including toxicity, selenium, biological objectives, Waters of the United States (WOTUS), pesticide registrations, bacteria objectives, statewide permit amendments (Industrial General Permit; Phase II MS4 Permit), and stormwater permit fees. In 2019, CASQA will actively engage with the State Water Board on the development of the Biointegrity / Biostimulatory Policy and the renewal of the Phase II MS4 Permit (for communities with populations less than 100,000). The Phase II MS4 Permit will likely enroll school districts throughout California and CASQA is actively working to provide support for that new category of permittees.

(continued on reverse side)



Images top to bottom: BMP Handbook; Training video; Improving source control

(Key CASQA Projects, continued)

Tools and Resources

- **Guidance for Trash:** Stormwater programs have identified trash as a top water quality priority. In 2019, CASQA will develop guidance for member agencies to aid with successful planning and implementation of the Statewide Trash Amendments, including Track 1 and Track 2 approaches and stormwater trash control measures (full capture systems and other trash controls).
- **Online Pollutant of Concern (POC) Reduction Guidance Manual:** This project will create an online pollutant reduction guidance manual for one POC. The manual will assist MS4 program managers in developing reduction strategies and selecting best management practices in a consistent way based on the most current information available. It will also help managers new to a particular POC get-up-to-speed quickly and efficiently by providing access to the same information experienced managers are using.
- **BMP Handbooks:** CASQA develops and publishes four Best Management Practices (BMP) Handbooks generally matched to the three kinds of stormwater permits, (1) Construction, (2) Industrial and Commercial, (3) Municipal, and (4) New Development and Redevelopment. These handbooks provide the information program managers need to stay in compliance with California stormwater regulations.
- **Training Videos:** Training staff on good housekeeping best management practices is a required component of all municipal stormwater permits. CASQA has produced five videos to help with the challenge of providing this training. Topics include: Annual Hotspot Comprehensive Inspections, Concrete Work and Saw Cutting, Minor Spill and Leak Cleanup, Storm Drain Maintenance, and Surface Cleaning and Pressure Washing. Five new training videos will be developed in 2019.

How You Can Support CASQA

- Partner with CASQA in developing solutions for stormwater priorities
- Provide funding to support CASQA's projects
- Become a member

Join CASQA

Regular or affiliate membership in CASQA is open to organizations and individuals in the stormwater field, whether holders of NPDES permits or not. If you are not currently a member, by joining now, you can receive substantial reductions on future CASQA annual conferences. Additional member benefits include exclusive access to the Bi-Weekly Update, Water Quality NewsFlash, Member Library, and Member Forum, as well as member discounts to online and downloadable products, and events. CASQA membership provides substantial benefits even if you are based outside California.

Contact Information

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Photo by Daniel Apt

CASQA Assistant Executive Director, Karen Cowan and Executive Director, Geoff Brosseau

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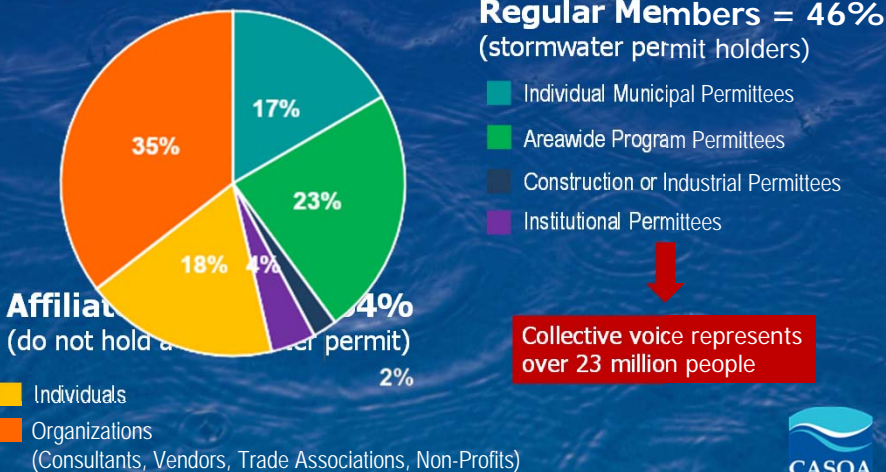
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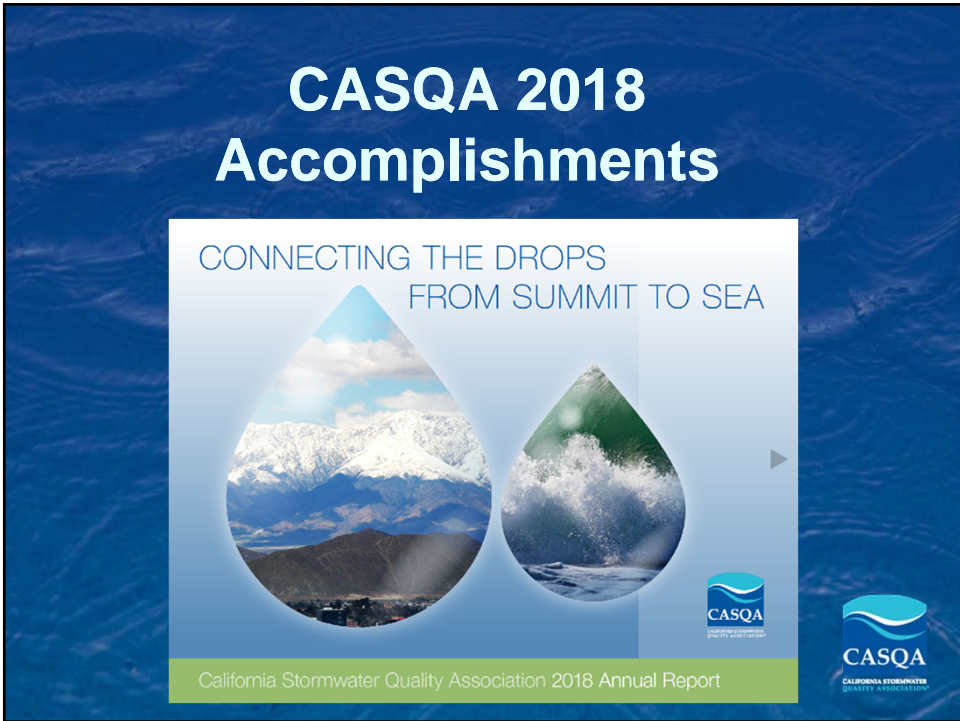
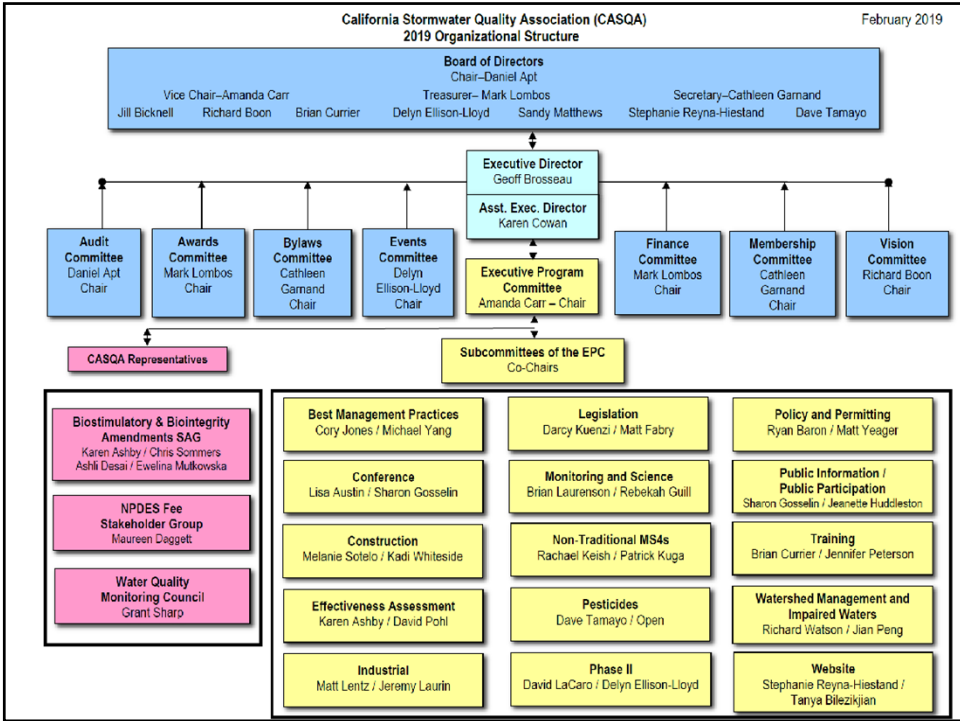
California Stormwater Quality Association

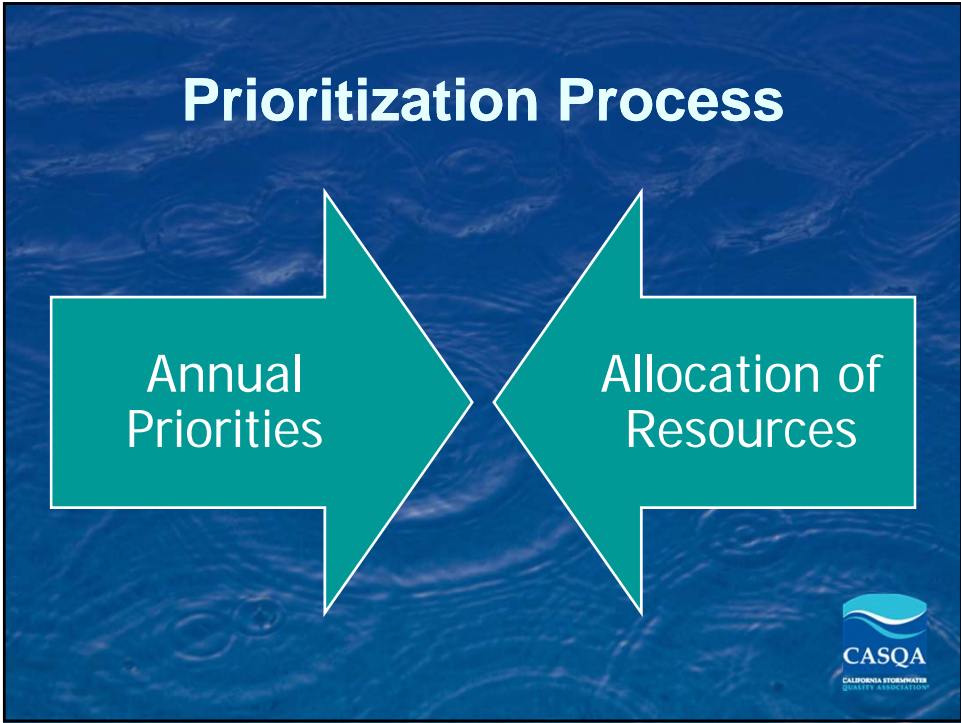
Annual Update - 2019



CASQA Members







Stormwater Funding: Vision Action 2.7

SB 231 Working Group	Funding Website	STORMS Project 4b
<ul style="list-style-type: none">Executive Director participated (ongoing)	<ul style="list-style-type: none">Developed by CASQA with support from State Water BoardCA specific resources	<ul style="list-style-type: none">CASQA members participated in project on Stormwater Funding Barriers

The CASQA logo is located in the bottom right corner of the slide, featuring the text "CASQA" and "CALIFORNIA STORMWATER QUALITY ASSOCIATION" with a stylized wave icon above the text.

National Coordination

- National Green Infrastructure Certification Program**
 - CASQA participated in the design of the program (via WEF)
 - One of first states to host week-long training
- EPA MS4 Permit Evolution Workshops**
 - CASQA helped to plan and participated in two workshops
- NMSA**
 - Assisted with organizational goals (new members)
 - Supported national initiatives that aid CASQA membership (e.g., WOTUS)



Statewide Efforts

- STORMS**
- JPA**
- Trash Amendments**
- Urban Pesticide Reduction**



Regulatory Initiatives

- Bacteria Provisions and Variance Policy
- Biostimulatory and Biological Integrity Amendments
- Industrial General Permit Amendments
- Permit Fees
- Pesticides Registrations / Re-evaluations (EPA, California Department of Pesticide Regulation)
- Sediment Quality Objectives Amendments
- STORMS Stormwater Strategy and Projects
- Toxicity Provisions
- Trash Amendments
- Waters of the U.S. Rule (EPA)



CASQA Work Products

11 Comment Letters

5 Testimonies

3 Guidance Documents

1 CASQA Position Paper

8 CASQA Work Products

1 Petition

1 *Amicus* Brief




CASQA 14th Annual Conference: Riverside, CA

- 1,200+ Participants
- 10 Training Workshops
- 89 Presentations and Panels
- 58 Exhibitors
- 32 Posters
- International Webcast (China)
- Field Tour
- New Member / New Attendee Event
- Networking Event
- Plenary Session / Keynote



CASQA 2019: Looking Forward





“Vision animates, inspires, transforms purpose into action.”
– Warren Bennis

“In order to carry a positive action, we must develop here a positive vision.”
– Dalai Lama

“In the end, a vision without the ability to execute it is probably an hallucination.”
– Stephen Case

LEARN MORE > CASQA's Vision and Strategic Actions for Managing Stormwater in the 21st Century







Strategic Plan

Mission Statement

Vision Statement

Core Values

Organizational Goals

CASQA advances the stormwater profession through a network of highly engaged professionals that:

- Lead:** CASQA provides leadership that results in sustainable statewide stormwater policies, regulations, and programs
- Collaborate:** CASQA provides a forum for stormwater professionals to share ideas and identify solutions for regulatory, technical, and scientific challenges
- Educate:** CASQA produces resources and hosts events that inform, educate, and train stormwater professionals, regulators, and the public on the value, challenges, and scientific and technical aspects of stormwater management
- Support:** CASQA tools and guidance promote implementation of sustainable stormwater programs
- Develop:** CASQA provides opportunities for the growth of stormwater professionals and development of current and future stormwater leaders

2019 Priorities

Mission Critical

Important Priorities

Medium Priorities

Priority / Level	Description	Lead
Vision Action 2.2	Articulate Stormwater Program Priorities	EPC / ED
Vision Action 2.7	Create Funding Opportunities	ED / BoD
Vision Action 1.3	Provide Effective and Efficient Solutions through True Pollutant Source Control	EPC
Vision Action 2.5	Establish Guidance/Tools to Support Sustainable Stormwater Programs	EPC / ED
Vision Action 3.1	Create Opportunities for Multiple Agency and Collaborative Efforts to Demonstrate the Value of Stormwater to the Public	EPC
Org Goal 1	Develop Comment Letters and Testimony (Regulatory Support and Legal Counsel Contracts)	EPC
Org Goal 2	Provide Leadership for Statewide Permit Renewals / Amendments	EPC
Vision Action 1.1	Develop Guidance for Integrated Management of Water Resources that Promotes Stormwater as a Resource	ED / BoD
Vision Action 1.4	Work with DPR to Control Toxicity in Receiving Waters from Pesticide Application	EPC
Vision Action 2.3	Augment and Implement Basin Plan Amendment Process	ED
Vision Action 2.4	Develop Policies and Permitting Framework to Support Sustainable Stormwater Management	ED

* Color coding reflects the priority level for each priority:
Red = Mission Critical, Orange = Important, Gray = Medium
Gray = Medium (but minimal expectation of resource allocation; more opportunistic approach)
ED = Executive Director / Association Management Contract
BoD = Board of Directors (overall CASQA Budget) EPC = Executive Program Committee Budget
* Vision Action 2.3 and Vision Action 2.4 are included for 2019, but minimal work (compared to the other priorities) is anticipated.

Key CASQA Projects

Mission Critical Projects:

- Bacteria Statewide Effort
- Water Quality Priorities (identification and strategies)
- Biointegrity / Biostimulatory Policy Support

Important Priority Projects:

- Phase II Permit Support (negotiation)
- Petition to DTSC on Zn in Tires
- Municipal BMP Handbook Update
- Training Videos (5 more)
- Trash Control Measure Implementation Guidance
- Communicating the Value of Stormwater to the Public

Medium Priority Projects

- Urban Pesticide Amendments

Pre-Prioritization Projects

- Online POC Reduction Guidance Manual
- Spatial Variability Follow-Up

Visit CASQA's website to see the full 2019 Annual Work Plan



Regulatory Initiatives

- Biointegrity / Biostimulatory Policy
- Toxicity Amendments
- Urban Pesticides Amendment
- Construction General Permit Reissuance
- Phase II Permit Reissuance
- WOTUS
- Se Criteria for California (EPA)



CASQA 15th Annual Conference: Monterey, CA

**STORMWATER...
WHY WE DO WHAT WE DO!**



CASQA 2019 FIFTEENTH ANNUAL CONFERENCE
Monterey
Conference Center
Monterey, CA

Save the Date:
October 7-9, 2019

WWW.CASQA.ORG

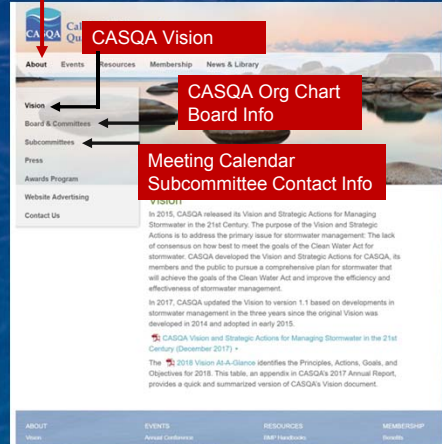


Registration opens
Spring 2019

www.casqa.org
for all details



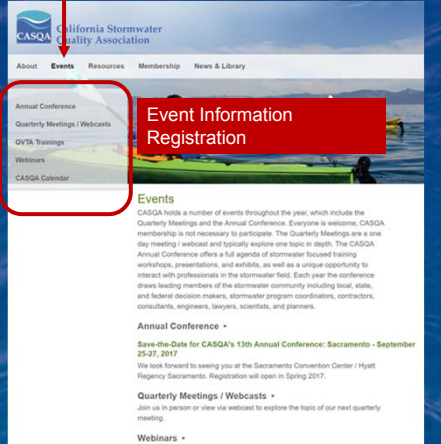
Resources @ www.casqa.org



CASQA Vision

CASQA Org Chart Board Info

Meeting Calendar Subcommittee Contact Info



Event Information Registration

Resources @ www.casqa.org

The image shows two side-by-side screenshots of the CASQA website. The left screenshot shows the 'Resources' menu highlighted in a red box, with a red arrow pointing to it from the title above. The right screenshot shows the 'News & Library' page, with a red arrow pointing to the 'Public Documents' section. Red boxes and arrows highlight specific resources: 'Annual Report' points to the 'Public Documents' section, and 'Comment Letters', 'Testimony', and 'Technical Reports' point to the 'Member Library' section.

- Resources Menu:**
 - BMP Handbooks
 - California LID Portal
 - Stormwater Effectiveness Assessment
 - QSP Qualification
 - QSP / QSD Qualification
 - Organizations and Services
 - RFPs / RFQs
- Public Documents:**
 - Annual Report
- Member Library:**
 - Comment Letters
 - Testimony
 - Technical Reports

Working together we can make a difference!

California Stormwater Quality Association
(CASQA)
casqa.org
info@casqa.org
(650) 366-1042



Scheduled Meetings and Deliverables

August – October 2019

August

1	BASMAA Development Committee 1:30 pm – 4:00 pm	EOA, Oakland
2	ZLI Steering Committee 9:00 am – 10:00 am	Conference Call
7	BASMAA Monitoring/POC Committee 9:00 am – 3:00 pm	EOA, Oakland
15	Management Committee 9:30 am – 11:00 am	Sunnyvale Civic Center West Conference Room
	CASQA General Meeting – “Connecting Municipalities and Schools through Stormwater” 9:00 am – 11:30 am	Webinar
19	MRP 3.0 WQ Monitoring Work Group 9:00 am – 12:00 pm	EOA, Oakland
22	BASMAA Board of Directors 10:00 am – 3:00 pm	EOA, Oakland

September

3	MRP 3.0 Steering Committee 1:30pm – 4:30pm	Regional Water Board Oakland
4	BASMAA Monitoring/POC Committee 9:00 am – 3:00 pm	EOA, Oakland
5	MRP 3.0 C3/GI Work Group 10:30 am – 12:30 pm	EOA, Oakland
6	ZLI Steering Committee 9:00 am – 10:00 am	Conference Call
16	C3PO AHTG 1:30 pm – 3:00 pm	San Jose City Hall Room TBD
17	Trash AHTG 1:00 pm – 4:00 pm	San Jose City Hall Room T-644
18	Land Use Subgroup 10:00 am – 11:30 am	Conference Call
19	Management Committee 9:30 am – 11:00 am	Sunnyvale Civic Center West Conference Room
24	BASMAA Trash Committee 10:00 am – 12:00 pm	Regional Water Board Oakland
26	BASMAA Board of Directors (TBD) 10:00 am – 3:00 pm	EOA, Oakland

October

2	Microplastic Symposium 9am - 4pm 9:00 am – 3:00 pm	David Brower Center Berkeley
3	MRP 3.0 C3-GI Work Group 10:30 am – 12:30 pm	EOA, Oakland
	BASMAA Development Committee 1:30 pm – 4:00 pm	EOA, Oakland
4	ZLI Steering Committee 9:00 am – 10:00 am	Conference Call
7-9	CASQA Conference https://www.casqa.org/events/annual-conference	Monterey
10	SF Bay Regional Monitoring Program (RMP) Annual Meeting 9am – 5pm	David Brower Center Berkeley
15	Trash AHTG 1:00 pm – 4:00 pm	San Jose City Hall Room TBD
17	Management Committee 9:30 am – 11:00 am	Sunnyvale Civic Center West Conference Room
21-22	State of the Estuary Conference https://www.sfestuary.org/state-of-the-estuary-conference/	Scottish Rite Center Oakland
24	BASMAA Board of Directors (TBD) 10:00 am – 3:00 pm	EOA, Oakland
29	C3 O&M Workshop 9:00 am – 3:00 pm	Mountain View Community Center Redwood Hall