

2014 CASQA Annual Report

www.casqa.org

Advancing Stormwater Quality Management through Collaboration, Education, Implementation Guidance, Regulatory Review, and Scientific Assessment



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Message from the CASQA Chair

First, I want to thank everyone for making this another successful year in stormwater management. It's hard for me to believe how quickly another year has come and gone. We started the year with our Annual Regulatory Update meeting. For me it was personally gratifying to assume the chairmanship of CASQA and to host the first quarterly meeting in my home town of Ventura. I'm very proud to report CASQA 2014 accomplishments as part of this year's annual report.

CASQA VISION AND STRATEGIC ACTIONS

One of the most significant efforts this past year was the completion of our Vision and Strategic Actions in September. This effort was by far the most important priority objective the Board of Directors identified for completion in 2014, and the result of significant work by many. I and the Board of Directors are very excited reaching this milestone as we feel the Vision, Guiding Principles and Actions provide CASQA, the public and the stormwater community with a comprehensive plan for the future.

“One of the most significant efforts this past year was the completion of our Vision and Strategic Actions in September.”

– GERHARDT HUBNER

As you may recall, the Vision was officially rolled out at the Annual Conference in a mini-plenary session. (See pages 4 and 7 for details.) More outreach is planned in 2015.

Separately, we commissioned a facilitator to help us update our strategic road map and identify the organization's key core values, establish several 10-year goals, and our 1-year priority objectives for 2015. Work began in the fall of 2013 to determine our goals and priorities for 2015.

INDUSTRIAL GENERAL PERMIT ADOPTION

In April, the State Water Board adopted the long awaited renewal of the Industrial General Permit (IGP) after many workshops and meetings. The permit becomes effective on July 1, 2015, replacing the 2007 permit. I wish to acknowledge the hard work of our Industrial Subcommittee, which had a big role in the process that lead up to adoption of this permit.

CASQA WORK PRODUCT APPROVALS

This past year the Board approved a number of work products including:

- **Commercial and Industrial Best Management Practices (BMP) Handbook** – The new *Commercial and Industrial BMP Handbook/Portal* is based upon the 2003 version. Its main purpose is to facilitate compliance with the recently adopted IGP. As the IGP has undergone significant revisions so has the handbook. This handbook is now available, and its contents will be updated periodically to keep it current.
- **Preventing Urban Pesticide Pollution in Stormwater** – This annual report provides CASQA members with focused information on efforts to prevent pesticide pollution in urban waterways.
- **Brake Pad Copper Reduction – Metrics for Tracking Progress** – As California law requires near elimination of copper in vehicle pads by 2025, many municipal stormwater programs are relying on brake pad reduction as a piece of their plans to comply with requirements to reduce copper. CASQA developed a memorandum that identifies quantitative metrics that can be used to trace the pace of brake pad copper reduction, and provides current and baseline values for each metric.

PROPOSITION 84 GRANT FUNDED STORMWATER PLANNING PROJECTS

This year CASQA was fortunate to receive State of California/Proposition 84 grant funding to undertake two significant stormwater planning projects:

- **Removing Barriers to Low Impact Development (LID) in Local and States Codes** – The purpose of this project is to develop a Code Assistance Program to address obstacles to LID implementation in local and state codes, ordinances, and standards that regulate new construction and/or redevelopment projects of building, housing and neighborhoods.
- **A Web-Based Portal for Statewide Coordination of Municipal Stormwater Program Effectiveness Assessment Data and Information** – The purpose of this project is to develop a web portal focusing on effectiveness assessment of municipal stormwater programs in support of the State Water Board's March 2011 "Guidance for Assessing the Effectiveness of Municipal Stormwater Programs and Permits." This project will also include an update to CASQA's 2007 Municipal Program Effectiveness Guidance.

Both of these projects – upon their completion in early 2016 – I believe will provide value to the CASQA membership.

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WEBSITE IMPLEMENTATION

This is our first full year utilizing the new CASQA website. We hope you have a chance to view it, either through our conference and quarterly registrations, membership renewals and/or obtaining one of our BMP Handbooks. We are always looking to improve the experience, so let us know your ideas for any improvements.

BOARD ADOPTED MEASURES

The Board of Directors this year embarked upon and completed a variety of improvements and refinements to its internal measures, processes and procedures. We revised our Policy and Procedures to require any conflict of interest be reviewed, and the committee and subcommittee chairmanships rotate on a more frequent basis to allow greater participation. We also reexamined the roles and responsibilities of our Executive Program Committee (EPC), with the goal of determining the best use of the committees' experience and expertise. We made an adjustment to our budget process, leading to timelier budget enactment, and better alignment of our budget with the Board's adopted priorities and objectives. All these changes were made to provide members with greater access, transparency and efficiency in regards to this organization.

“Improve the stormwater resource planning process to encourage the capture and use of stormwater and dry weather runoff, and identify opportunities to use parks, school sites, government office buildings and complexes, and other existing publicly owned lands.”

– SENATE BILL 985

RECEIVING WATER LIMITATIONS LANGUAGE

As part of the petition of Los Angeles Stormwater Permit, National Pollutant Discharge Elimination (NPDES) Receiving Water Limitations (RWL) language is being considered by the State Water Board. This issue is of paramount concern to CASQA members, as the current RWL permit language in many of the stormwater permits is problematic for a variety of reasons, including exposure to third party lawsuits. In November, a Draft Order was released for a 60-day comment period, with a State Water Board workshop held in December. CASQA participated in the workshop and will be providing written comments in January. It is expected the State Water Board will issue its Final Order next year. We fully expect to be engaged with the State Water Board as this important issue reaches its final conclusion.

10TH ANNUAL CONFERENCE

Our Conference this year experienced its 10th anniversary, and what a huge success! Held in Orange County, and entitled, *Urban Stormwater Management – Integrated Innovative and Green*, the conference hosted over 750 attendees, 8 workshops, 86 technical presentations and 44 exhibitors. Mr. Thomas Low, our keynote speaker, presented, “Placemaking with a Light Imprint.” The presentation was especially relevant considering the urban setting of the conference, and Mr. Low's concepts of integrating urban planning with sustainability and community design.

In my keynote comments, I highlighted the themes and speakers from the past 10 years of the conference (has it really been that many years?). I also hope you enjoyed my adaptation of the poem, “Twas the Night Before Christmas” with a stormwater twist!

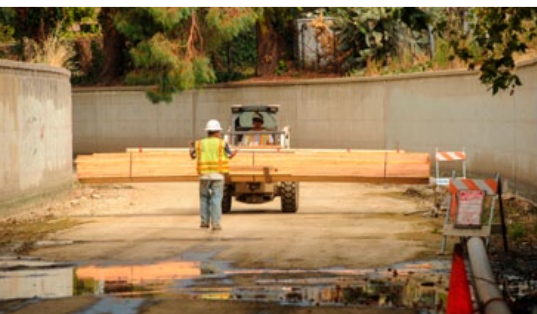
Lastly, as 2015 is upon us, CASQA continues its leadership role and efforts to influence and advocate for stormwater issues in California. As in the past, we will endeavor to keep you posted on important stormwater topics both statewide and nationally. I truly believe the direction and the recognition at the state level that “Stormwater is a Resource” is a positive development. The chaptering of Senate Bill 985 by the Governor, and the future development of Stormwater Resource Plans can also be seen as positive. As stated in the bill's intent, “*Improve the stormwater resource planning process to encourage the capture and use of stormwater and dry weather runoff, and identify opportunities to use parks, school sites, government office buildings and complexes, and other existing publicly owned lands.*”

Thanks again to all our CASQA members, all our volunteers, the EPC and Board Members for your dedication, hard work and commitment this past year towards better stormwater management and stewardship.



Gerhardt Hubner
Chair of the
CASQA Board
of Directors

Photo courtesy of Gerhardt Hubner (bottom); courtesy of the City of San Diego (above)



The California Stormwater Quality Association is dedicated to developing and implementing effective stormwater quality management programs. CASQA membership is comprised of stormwater practitioners, NPDES Permit holders and parties engaged in the improvement of stormwater quality and employed by private corporations, municipalities, the state and federal governments.

Organizational Overview

STRATEGIC PLANNING PROCESS

In November 2013, CASQA initiated a new and ongoing strategic planning process designed to develop a **strategic roadmap** to guide the organization for the next 10 years. An initial workshop resulted in the following **core values / beliefs**:

- Leadership – acting proactively and being a forward-thinking organization
- Integrity – providing credibility on issues related to stormwater
- Balance – acting as a steward of both the environment and public resources

Subsequent workshops and planning sessions through 2014 produced **10-year capabilities or goals** to provide direction for annual objectives. The 10-year capabilities are:

- Set a vision for stormwater quality management
- Influence / Advocate / Educate
- Implement / Facilitate solutions
- Grow members / Develop leaders

Inset photos from top: Orange County Flood Control; San Leandro Creek floodwall construction; Lake Merritt in Oakland; Field tour at the CASQA Annual Conference

Annual objectives were identified and prioritized to guide and facilitate annual funding decisions. With the use of **metrics** and **feedback loops**, CASQA will adaptively manage the organization toward its 10-year capabilities or goals, guided by its annual objectives.

Organizational Structure

BOARD OF DIRECTORS

The CASQA Directors (11 elected volunteers) provide the vision and direction for CASQA, manage its activities and affairs, and exercise the Association’s corporate powers. The Board of Directors is responsible for: (1) adopting an annual budget, (2) adopting the annual dues schedule, and (3) adopting policies and positions concerning regulations, legislation and litigation. Since 2002, the Board of Directors has guided CASQA to become a widely recognized and well respected nonprofit, educational, scientific, and professional association.

OFFICERS

Officers of the corporation are: Chair, Vice-Chair, Treasurer, Secretary, and Executive Program Coordinator. Officers are elected by the Board of Directors and serve two-year terms.

EXECUTIVE DIRECTOR

The CASQA Executive Director manages the day-to-day activities of CASQA, serves as the primary liaison with members, government

agencies, and other organizations, and helps to set and achieve the vision for the future and growth of CASQA.

COMMITTEES OF THE BOARD OF DIRECTORS

The Board of Directors creates committees that accomplish the goals of CASQA, each consisting of two or more directors, and other persons that the directors may appoint. Standing board committees are: Awards, Bylaws Review, EPC, Finance, and Membership.

AWARDS advances the stormwater quality management profession by identifying and recognizing exemplary leadership, outstanding projects, activities, and contributions to the field of stormwater quality management.

BYLAWS REVIEW annually reviews the bylaws and makes recommendations for revisions as necessary to ensure smooth and efficient operation of CASQA.

EXECUTIVE PROGRAM comprises no more than 27 members and directs the technical work of the association through subcommittees.

FINANCE manages CASQA’s fiscal resources, proposes the annual operating budget, and oversees the membership invoices.

MEMBERSHIP retains existing members, outreaches to potential new members, and improves membership value.

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Other Leadership

SUBCOMMITTEES OF THE EXECUTIVE PROGRAM COMMITTEE

Fourteen subcommittees focus on different areas of stormwater management, under the auspices of the EPC. The basic charter of each subcommittee is outlined in the summary that follows.

EPC SUBCOMMITTEES SUMMARY

BEST MANAGEMENT PRACTICES

provides contemporary information on BMPs and LID based on scientific advances and practical tools through the CASQA web portals.

CONFERENCE serves to increase awareness and knowledge of stormwater quality management issues through developing the annual CASQA conference and associated workshops.

CONSTRUCTION identifies emerging issues, and tracks trends and regulatory requirements for construction stormwater dischargers and assists members with identifying possible solutions to evolving regulatory requirements.

EFFECTIVENESS ASSESSMENT

provides input and guidance on stormwater program effectiveness assessments, including a standardized conceptual approach to evaluating municipal program elements.

INDUSTRIAL ensures the issues and concerns of regulated industrial stormwater discharger members are represented in policies and regulations, including permitting and numeric effluent limits.

LEGISLATION tracks stormwater related legislation in the United States Congress and in both the California Senate and Assembly, prepares quarterly legislative summaries for CASQA members, and prepares fact sheets on key legislation that can be used by members to educate their organizations about potential impact of proposed legislation.

MONITORING AND SCIENCE improves scientific and technical basis of stormwater management programs by developing research and monitoring priorities, as well as seeking collaborators, partners, and grant funding for needed research.

PESTICIDES addresses pesticide uses that impact stormwater discharges, provides input to U.S. Environmental Protection Agency (EPA) and the California Department of Pesticide Regulation (DPR) to improve regulations, compiles relevant information, assists members with compliance strategies, and coordinates its activities with other agencies statewide.

PHASE II seeks to educate and engage Phase II programs in stormwater management issues and provides a forum for information exchange and collaboration.

POLICY AND PERMITTING develops comments and testimony on state, U.S. EPA, and precedent-setting regional policies and permitting initiatives to promote the development of a statewide stormwater policy.

PUBLIC INFORMATION / PUBLIC PARTICIPATION provides a forum for stormwater public outreach professionals to share ideas and assists in coordinating outreach efforts in California.

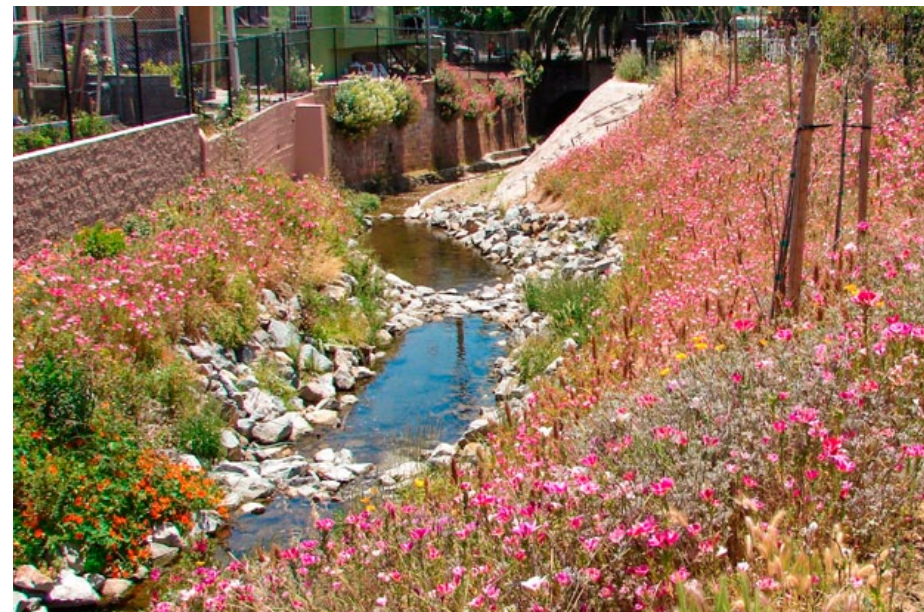
TRAINING oversees the development and implementation of long-term sustainable training programs to meet the needs of California stormwater practitioners.

WATERSHED MANAGEMENT AND IMPAIRED WATERS promotes the development and application of appropriate water quality standards through tracking and commenting on 303d listings and policy and implementation of Total Maximum Daily Loads (TMDL), facilitates source control, and provides guidance on hydromodification management.

WEBSITE maintains the CASQA website as a stormwater management resource for members and the general public.

CASQA REPRESENTATIVES

CASQA encourages individuals to serve on committees and other groups to represent the interests of stormwater quality management and CASQA members.



Segment of Peralta Creek, Oakland, restored with stabilized creek banks, widened flood control channel, and non-native vegetation replaced with native trees and plants

2014 Organizational Structure

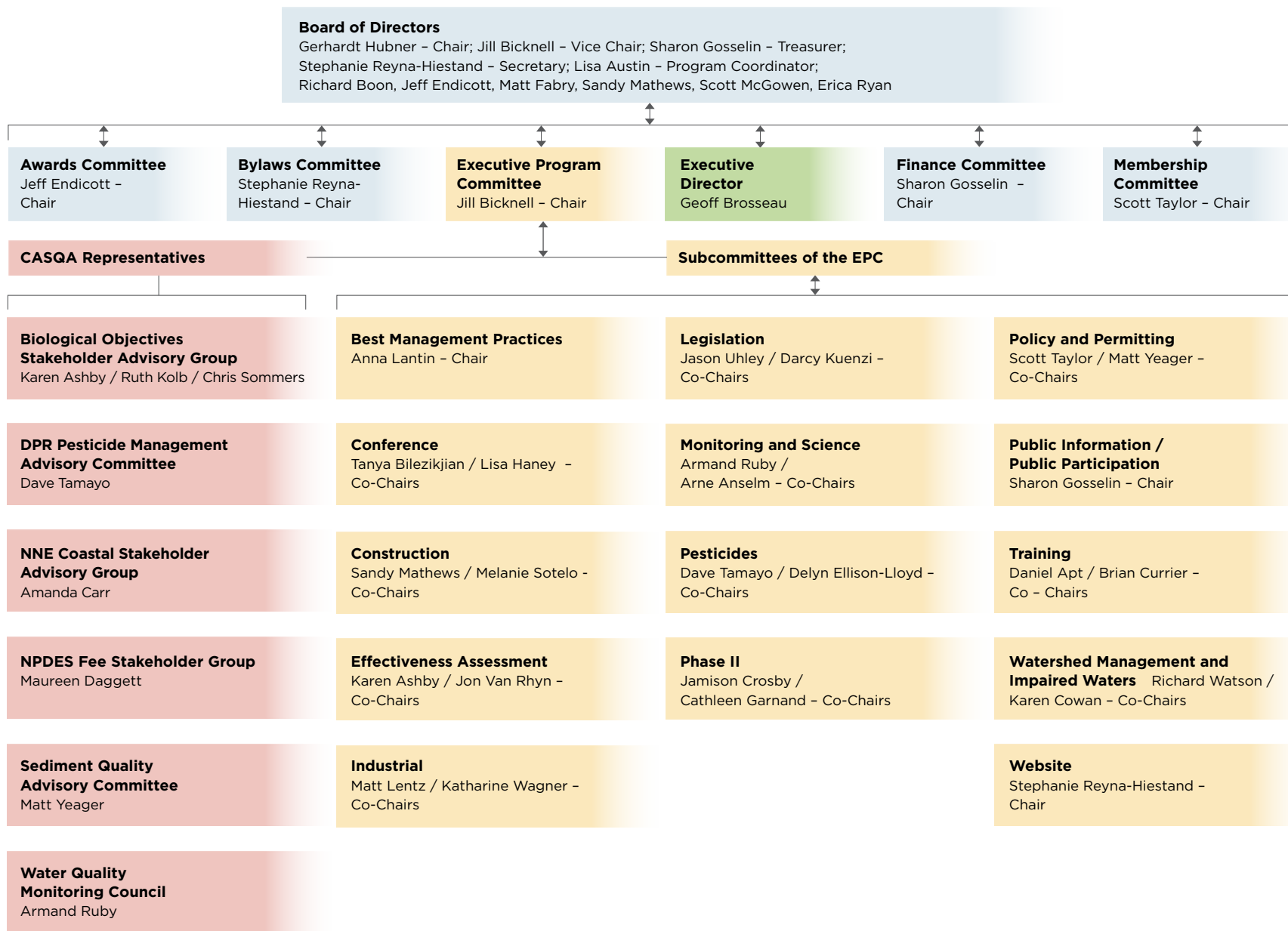


Photo © Alameda County Flood Control and Water Conservation District (above)

CASQA Vision Overview



CASQA has developed a Vision to steer the activities of the organization. This page gives a synopsis of the content. The guiding principles below support CASQA’s vision to protect California’s water resources, and will be implemented by CASQA through the actions shown. Visit www.casqa.org for more details.

VISION STATEMENT CASQA envisions stormwater managed as a vital component of California’s water resources, to support human and ecological needs, to protect water quality, and to restore our waterways.

1

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



ACTIONS

- Plan for use of stormwater
- Review/revise regulations to support stormwater as a resource
- Use True Source Control whenever feasible
- Work with pesticide regulators to control pesticide-caused toxicity in receiving waters

2

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



ACTIONS

- Examine state and federal regulatory structure to identify constraints to implementing sustainable programs
- Define priorities
- Make necessary adjustments to regulations and permitting

3

Public awareness, understanding and appreciation of the value of stormwater is required.



ACTIONS

- Create opportunities for multiple agency and collaborative efforts to demonstrate the value of water to the public
- Create statewide message that establishes stormwater as a resource

Awards

Excellence in Stormwater Quality Management

The mission of the CASQA Awards Program is to advance the stormwater quality management profession by identifying and recognizing exemplary leadership, outstanding projects, activities, and contributions to the field of stormwater quality management.

CASQA's 2014 Annual Conference was the venue for recognizing this year's Award recipients. CASQA is honored to recognize the following projects and programs.

Outstanding Stormwater BMP Implementation Project or Program

This award is for outstanding BMP implementation.

REGIONAL STORMWATER BMP IMPLEMENTATION AWARD

MILL CREEK WETLANDS, Presented to the City of Ontario

Mill Creek Wetlands is a regional water quality treatment facility that treats both wet

weather and dry weather flows in the Prado Basin using natural wetland processes to address sediment, metals, bacteria, and nutrients. The project diverts flows from Cucamonga Creek into a series of natural water quality treatment ponds that include areas of open water and wetland vegetation.

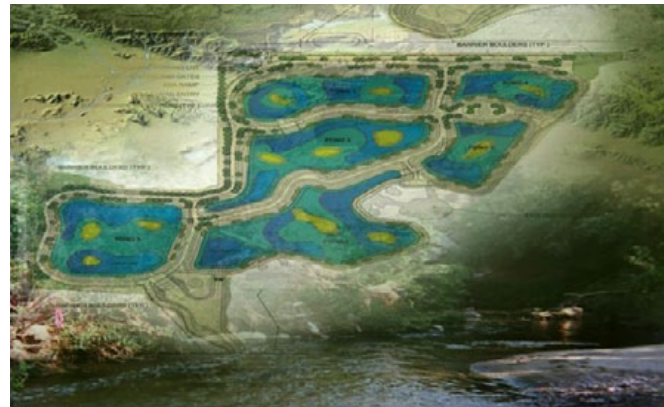
First, the system removes trash and debris as water flows through a de-silting basin; then, pollutants are removed through natural settlement, ultraviolet light treatment, and biological activity as water travels through native wetland vegetation.

LOCAL STORMWATER BMP IMPLEMENTATION AWARD

WOOD CANYON EMERGENT WETLANDS, Presented to the City of Aliso Viejo

The City of Aliso Viejo, with support of grant funding from the State of California Habitat Construction Program and the U.S. Department of Fish and Wildlife, constructed a wetland habitat using native riparian/wetland plant species within a detention basin, which would enhance water quality, flood control and channel protection at the beginning of the Wood Canyon Creek. The wetland receives runoff from a storm drain system that serves 298 acres of primarily residential areas and the detention basin has a storage capacity of 20 acre-feet. Since this project is situated at the headwaters of Wood Canyon Creek and has a long-lasting effect on the creek as a whole, it has increased and enhanced the overall Wood Canyon Creek riparian corridor and its associated wildlife habitat.

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Schematic of the Mill Creek Wetlands regional water quality treatment facility



From left: Louis Abi-Younes and Khoi Do, City of Ontario; Ken Susilo, Geosyntec Consultants

Below: Before and after of the Wood Canyon Emergent Wetlands



Right: Awards Chair Jeff Endicott (left) presents award to Dave Doyle (center) and Moy Yahya, City of Aliso Viejo



Awards (continued)

PROGRAMMATIC STORMWATER BMP IMPLEMENTATION AWARD ORANGE COUNTY M2 ENVIRONMENTAL CLEANUP PROGRAM, Presented to the Orange County Transportation Authority

As new Municipal Separate Storm Sewer System (MS4) permits migrate toward watershed-based, outcome-focused approaches, funding for implementation of stormwater and water quality BMPs chronically falls short of estimated needs. With the support of both the environmental and business communities, in 2006 Orange County residents voted to renew the local half-cent transportation sales tax – Measure M2 – which specifically funded the Measure M2 Environmental Cleanup Program. The program, administered by the Orange County Transportation Authority (OCTA), improves water quality in Orange County by mitigating transportation-related

pollution through allocating additional funds on a countywide, competitive basis. Funds will supplement existing transportation-related water quality programs and support watershed-based, TMDL compliance planning and implementation efforts.

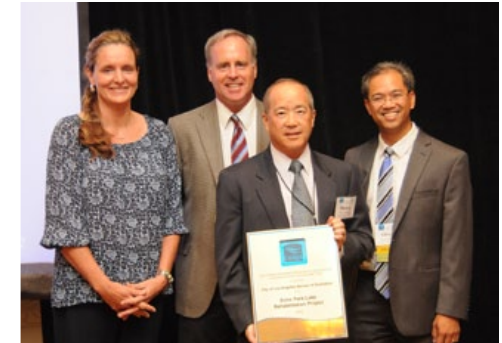
Long term funding created by the program is estimated to be \$300M, with approximately \$57.5M available through Early Action Plan (EAP) expenditures. Two tiers of funding are available. The Tier 1 Grant Program is designed to mitigate more visible forms of pollutants, such as litter and debris, that collect on roadways and in storm drains prior to being deposited in waterways and the ocean. The Tier 2 Grant Program provides funding for regional, potentially multi-jurisdictional, capital-intensive projects, including but not limited to constructed wetlands, detention/infiltration basins and bioswales.



From left: Hector Salas, Caltrans; Ken Susilo, Geosyntec Consultants; Alison Army and Charlie Larwood, Orange County Transportation Authority



Echo Park Lake Rehabilitation



Award winners from left: Deborah Deets, City of Los Angeles; James Rasmus, Black & Veatch; Steven Nikaido, City of Los Angeles; Oliver Galang, Brown and Caldwell

Outstanding Sustainable Stormwater Project or Program

This award is for outstanding sustainable stormwater projects or programs including those that accomplish true source control.

SUSTAINABLE STORMWATER PROJECT AWARD

ECHO PARK LAKE REHABILITATION, Presented to the City of Los Angeles

Historic Echo Park is one of the City of Los Angeles' crown jewels of parks and is home to scenic Echo Park Lake. However, in 2006, the lake was placed on the Environmental Protection Agency's 303(d) list due to impairment by a number of pollutants. The city's Proposition O program (Clean Water Bond) provided the funding for a major rehabilitation of the lake. A major goal was to improve water quality in the lake to meet

TMDL objectives established by the California Regional Water Quality Control Board – Los Angeles Region.

This innovative project restored the iconic lake within the surrounding 29-acre park. The project implemented multipurpose solutions that sustainably meet the city's goals and objectives through consideration of all environmental, social and economic factors. The project maintains the lake's important flood control, recreational and aesthetic features while incorporating hydraulically-driven vortex separators, constructed wetlands, circulation, aeration, and other best management practices to achieve water quality TMDL requirements. It not only captures and treats dry- and wet-weather runoff in an effort to conserve water and enhance quality, but it also enhances the natural habitat and recreational space in the urban core of Los Angeles.

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Orange County M2 Environmental Cleanup Program

Outstanding Stormwater News, Information, Outreach, and Media

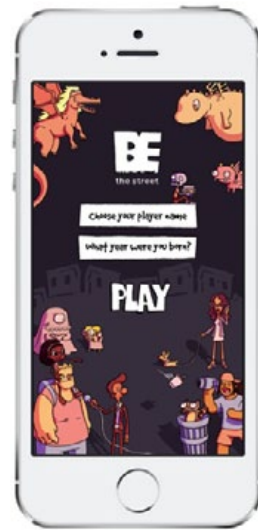
This award is for outstanding stormwater quality news, information, outreach, and media.

REGIONAL OUTSTANDING STORMWATER NEWS, INFORMATION, OUTREACH, AND MEDIA

BE THE STREET, Presented to the Bay Area Stormwater Management Agencies Association

Be the Street is a public education stormwater program developed in partnership with the Bay Area Stormwater Management Agencies Association and the cities and counties that they serve. *Be the Street* is extraordinary in both its levels of engagement and the innovative use of social media and breadth of technology used to cultivate a dedicated user base. *Be the Street* targets 14-24 year olds in the California Bay Area (approximately 400,000 individuals).

Be the Street was about communicating to the youthful audience at their level. Between the launch in April 2012 and June 2014, the campaign created a community of real teenagers and young adults who not only received program messaging, but created it. In a little more than two years, a lot was accomplished: 40,000 YouTube views; 5,500 fans on Facebook; 11,000 likes and shares; 104 user-created memes; hundreds of pictures of audience members doing the right thing; 52 user-created videos; and a viral reach of more than 3,000,000. Above all else, the new program focused on identity, community and activity rather than stormwater,



government and anti-pollution. This is what the program's audience wanted, and they have reacted to it unlike any other stormwater public education program.

There's an app for that—among the gamut of social media reaching Bay Area teens and young adults

LOCAL OUTSTANDING STORMWATER NEWS, INFORMATION, OUTREACH, AND MEDIA

KEEP IT CLEAN CAMPAIGN, Presented to the City of Malibu

The City of Malibu received State Proposition 84 funding to conduct an outreach campaign to educate people about keeping pollutants out of storm drains and the nearby Area of Special Biological Significance (ASBS): the result is *Keep It Clean, Malibu* – a multi-platform educational campaign designed to positively and proactively encourage people to think about storm drains and what goes into them. The campaign included producing several Public Service Announcement (PSA) videos and a Storm Drain Art Project. Because of the challenges with using traditional means to reach out to the community, the city wanted to harness the power of visual media through videos and art using humor, beautiful imagery, and digital communications methods such as YouTube and other social media, in hope that the campaign will go viral.



Engaging videos are part of Malibu's multi-media campaign

For example, one of the PSA videos, *From Here to Eternity – Keep It Clean Malibu*, tells a story of love between a beautiful urban mermaid and handsome man who are about to seal the passion of their reunited love with a kiss when something goes awry.

The video PSAs and Storm Drain Art campaign accomplished multiple objectives:

- Helped people connect the activities they engage in on land to the storm drains and the fact that all water makes its way to the ocean picking up everything in its path; in this specific case, the video highlights how litter, whether intentional or not, can be toxic to the marine environment
- Educated people about the existence of ASBS #24 and create a sense of pride that our community contains such a wonderful and sensitive marine environment
- To keep the message 100% positive and not generate a feeling that the campaign is scolding people
- A cleaner ocean (continued on next page)



From left: Jeff Endicott presents award to Casey Zweig and Jennifer Brown, City of Malibu

Exhibitor Awards – Ten Years

This award is for exhibitors participating at the CASQA conference for each of the 10 years it has been in existence.

Photos by Jan Robershaw



From left, CASQA Ten Year Exhibitor Award Winners: CONTECH Engineered Solutions – Vaikko Allen; Oldcastle Stormwater Solutions/Filterra Bioretention Systems – Hal Schillinger and Laddie Fromelius; C.I. Agent StormWater Solutions – Jamie Aderhold; Bio Clean Environmental Services, Inc. – Greg Kent (Not pictured: CLEARWATER SOLUTIONS, Inc. – Joe Arthur and Stewart McClure)



From left, Outstanding Service Award Winners: Matt Lentz, Karen Ashby, Jamison Crosby, Kelly Moran, Scott Taylor, Cathleen Garnand, David Pohl, (Awards Chair Jeff Endicott), and Brian Currier (Not pictured: Anna Lantin, Jon Van Rhyn, Katharine Wagner and Dave Tamayo)

Outstanding Service Awards

This award is for outstanding service to the organization by a CASQA member. Recipients are selected by the Board of Directors each year.

- **ANNA LANTIN**
BMPs Subcommittee and production of the *Industrial and Commercial BMP Handbook / Portal*
- **JON VAN RHYN / KAREN ASHBY / DAVID POHL / BRIAN CURRIER / SCOTT TAYLOR**
Effectiveness Assessment Subcommittee and update of the *Effectiveness Assessment Manual*
- **MATT LENTZ / KATHARINE WAGNER**
Industrial Subcommittee and review / engagement on Industrial General Permit
- **DAVE TAMAYO / KELLY MORAN**
Pesticides Subcommittee and engagement with DPR and EPA to change the regulation of pesticides to protect surface water quality
- **JAMISON CROSBY / CATHLEEN GARNAND**
Phase II Subcommittee



Initiatives for 2015

The Year Ahead

In 2015, the Board, the EPC and the CASQA membership can look forward to involvement in the following:

STATE WATER BOARD INITIATIVES

A number of statewide plan/policy initiatives by the State Water Board will likely be making substantial process and moving forward next year related to toxicity, biological integrity, nutrients and bacteria. We understand the Amendments to Statewide Water Quality Control Plans to Control Trash will be finalized sometime in spring...and the Construction General Permit (CGP) renewal process will begin. It's hard to believe five years has passed since the last renewal! Don't worry, your Construction Subcommittee is already gearing up in anticipation of this. We understand this renewal will be more of an "update" vs. a permit "overhaul." Stay tuned.

The State Water Board's Strategic Stormwater Initiative development process will continue into 2015. This past year, the State Water Board staff held a series of informal and formal meetings throughout the state as they introduced their plan. Key themes in the Plan: (1) stormwater as a resource, (2) true source control, and (3) effective stormwater regulations. Many of the themes are also part of CASQA's Vision.

FORMATION OF CASQA'S JOINT POWER AUTHORITY WITH STATE WATER BOARD

The formation of "The California Stormwater Quality Authority" (Authority) through a Joint Powers Agreement, is nearing fruition, as the Agreement gathers the remaining approvals from the initial signatory agencies. The primary purpose of the Authority is to efficiently and effectively obtain funds for joint projects benefiting CASQA's member agencies and others with common state and regional stormwater quality issues. One of the first programs that may benefit from this Authority would be the funding of the Industrial Stormwater Permit training program.

Key themes in the State Water Board's Strategic Stormwater Initiative Plan:
(1) stormwater as a resource,
(2) true source control, and
(3) effective stormwater regulations. Many of the themes are also part of CASQA's Vision.

STORMWATER FINANCING

The passing of Assembly Bill 2403 (Rendon), eased the public approval process of new fees for projects that capture and use stormwater as a water supply. The law modifies the definition of "water" in the Government Codes to state "from any source."

In addition, this summer the Board of Directors authorized exploratory activities that may lead to advocating for legislation reforming Proposition 218 regarding funding for local agencies' stormwater programs.

And as the inadequacy of funding of stormwater programs (and TMDL implementation) becomes more apparent each year, assisting local agencies with stormwater funding was identified as one of the highest priority objective for CASQA in 2015. Therefore, we will be moving forward with a funding plan in the coming year.

GENERAL INDUSTRIAL PERMIT TRAINING PROGRAM

This year the Board of Directors approved CASQA being the administrator of the new Industrial General Permit Training Program. As many of you know, CASQA is the administrator of a similar program – the CGP Training Program under a Memorandum of Understanding with the State Water Board. CASQA involvement in the IGP training program will likely include the registration, database management, examination administration, certificate issuance, and customer service. Similar to the CGP training program the regulated public will benefit from CASQA's ability to provide a consistent and quality Industrial Stormwater Practitioner training program.

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CASQA'S VISION AND STRATEGIC ACTIONS FOR MANAGING STORMWATER IN THE 21ST CENTURY

This past fall the Board of Directors adopted a Vision and Strategic Actions. This coming year we look forward to implementing it, including building a coalition of support, engaging the State Water Board and others in an attempt to align their effort with ours, publicizing our plan, and engaging stakeholders in a collaborative effort to prioritize water quality issues.

ARMY CORP OF ENGINEERS/ U.S. EPA'S WATER OF THE U.S. RULEMAKING

In 2014, the Army Corp of Engineers and the U.S. EPA initiated rulemaking with the intent of clarifying which surface waters are "water of the U.S." MS4 permittees may have increased compliance problems if a waterway, such as a drainage ditch or runoff disposal pond, becomes newly classified as a water of the U.S. The proposed regulation has been very controversial. As reported at one of CASQA's quarterly meetings, over 200,000 comments on the draft rule have been received. We will be watching the outcome of this rulemaking as it makes its way to final form in 2015.

STATE MANDATES

In 2014, we learned the amicus curiae letter CASQA and others filed with the California Supreme Court requesting the Court grant the petition for review filed by the County of Los Angeles and the several cities in Los Angeles area was successful. In November, CASQA filed another amicus brief outlining reasons the court should uphold these requirements as unfunded mandates. Previously, the Court of Appeal held the requirements at issue were federal mandates, and that general mandates did not apply when the state was implementing the federal maximum extent practicable standard. CASQA has a keen interest in resolution of this issue since its member agencies are subject to state and federal clean water laws, and many have test claims pending before the Commission seeking reimbursement for requirements similar to those at issue in this case. This case will likely be heard by the California Supreme Court in 2015.

CONFERENCE

Returning to a great location, the CASQA conference will be held October 19-21, 2015 at the Hyatt Regency Monterey. As demonstrated by this year's 10th Annual Conference in Orange County, CASQA's Annual Conference is the premier forum for information, data and technical exchange, and networking on stormwater. The tentative theme for this conference is, *Stormwater Management: Making a Difference!*

As noted herein, a great many initiatives are planned and anticipated in 2015. I plan to work closely with the Board of Directors, EPC and our general membership over the coming year on these initiatives, to continue to seek ways to improve CASQA now and into the future, and moving our Strategic Vision and Actions into the next phase.

Gerhardt Hubner – Chair



The 2015 CASQA Conference will be held in Monterey, California, October 19-21, 2015

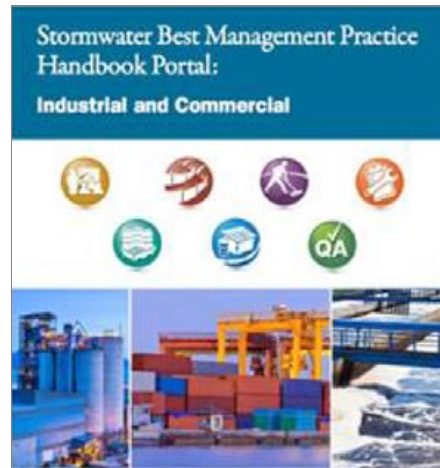
Subcommittee Accomplishments

The CASQA EPC is chaired by the Vice Chair of CASQA. The EPC directs a series of subcommittees to complete the business of the organization. The subcommittees are composed of an all-volunteer membership that develop products, direct CASQA consultants and provide information to improve surface water resources in California. Following are brief reports from selected subcommittees of the EPC for 2014:

BMPs Subcommittee

Anna Lantin, Chair

The Best Management Practices Subcommittee continued to provide contemporary information for stormwater practitioners on BMPs and LID through the *CASQA BMP On-line Handbooks* and web portals. In 2014, efforts included: (1) Updates and web-based on-line conversion of the *Industrial and Commercial BMP On-line Handbook* and tools to assist dischargers and business owners comply with the State Industrial General Permit; (2) Annual updates to the Construction BMP web portal; (3) Enhancements to the LID web portal with bioretention BMP factsheet, standard plans, and specifications; (4) Focused technical workshop and technical sessions on BMPs, Green Infrastructure, and LID at the Annual Conference. In the upcoming year, the BMP Subcommittee will be focused on updates to the *CASQA BMP On-line Handbooks* to continue to provide state-of-the-art practices and technical information to CASQA members and other interested parties.



The new *CASQA Industrial & Commercial BMP On-line Handbook* released in 2014



Panel discussion from CASQA's 10th Annual Conference

Conference Subcommittee

Tanya Bilezikjian and Lisa Haney,
Co-Chairs

CASQA 10TH ANNUAL CONFERENCE

Urban Stormwater Management: Integrated, Innovative, and Green

CASQA's Annual Conference broke attendance records and blazed new trails to celebrate the 10th anniversary of CASQA's biggest event of the year. Over 700 attendees gathered in Orange County, California, September 14-17, 2014 to share and gather knowledge, expand professional networks, and visit the exhibit hall to explore innovative technologies and learn about products, vendors and consultants. New additions for

this year's conference included expanded CASQA social media presence on Twitter and LinkedIn, a conference welcome event for new members, a poster session, and a recognition award for conference exhibitors that have partnered with CASQA for ten years. As with previous years, the event was a great success and provided valuable learning opportunities, continuing to uphold its reputation as the premiere stormwater industry conference. This year's program included five full-day training workshops, two half-day workshops, two field tours, and a technical program that included six concurrent tracks.

Highlights of the Annual Conference included:

- A well-received keynote address on the integration of sustainability and community design given by Thomas Low aligned with the conference theme of urban stormwater management
- Presentation of CASQA's Vision for Managing Stormwater in the 21st Century
- Multiple "Ask the Regulator" panels that provided a forum for regulators, permit holders, and industry professionals to discuss and benchmark implementation efforts and expectations
- A QSD/QSP Forum
- Multiple sessions on the newly adopted IGP for Stormwater
- 25 posters on topics ranging from microbial source tracking to LID to GIS solutions
- Continuing support from CASQA's valued sponsors

(continued on next page)

Photo by Jon Robersshaw



Networking Event at the Annual Conference

This year's technical sessions included tracks on Behavior Change, Compliance Training, Construction General Permit, Construction Stormwater Management, Effectiveness Assessment, GIS Data Management, Industrial Stormwater Management, Industrial Stormwater Permit, Municipal Stormwater Management, New Regulations, Permits and Policies, Spotlight on City Projects, Stormwater Treatment, and TMDLs and Pollutant Specific Compliance.

The Monday Networking Event was held at the House of Blues in Downtown Disney, providing the opportunity to relax with colleagues and friends, old and new. This year's event attracted over 350 attendees.

CASQA's Annual Conference would not be possible without the amazing time and effort of the many dedicated Conference Committee volunteers who meet monthly, throughout the year, to plan and organize the event.

Industrial Subcommittee

Katharine Wagner and Matt Lentz, Co-Chairs

April 2014 marked the long awaited re-issuance of California's Industrial General Permit. The Industrial Subcommittee put significant effort into commenting on the many drafts of the Permit since 2011, with the most recent round in early 2014.

The Subcommittee took an active role in the stakeholder process and was successful in having many significant changes made to the Permit, ultimately benefiting industry. We also represented CASQA at the SWRCB adoption hearing, presenting the voice of Subcommittee members in presentations to Water Board members and Subcommittee chairs helped organize the Industrial Stormwater Workshop at the 2014 Annual CASQA Conference.

During 2014 membership in the Subcommittee continued to expand, with more than 145 current members. The Industrial Subcommittee shifted gears and is now focused on important aspect related to implementation of the new Permit and will continue that focus into 2015.

Legislation Subcommittee

Jason Uhley and Darcy Kuenzi, Co-Chairs

The CASQA Legislation Committee's role is to track and analyze state and federal legislation for CASQA members. In addition to quarterly updates on state and federal legislation for members, the Committee also provided written and informal comments on SB985 (Stormwater Resource Planning Act) and AB2403 (Local Government: Assessment, fees and charges).

SB985 amended the 2010 Stormwater Resources Planning Act. Stormwater Resources Plans are developed by local agencies on a watershed basis, incorporated into Integrated Regional Water Management Plans and are intended to identify and prioritize stormwater and dry weather runoff capture projects for

implementation. The plans must also prioritize the use of lands or easements in public ownership for stormwater capture use. Preparation of a Stormwater Resource Plan is not mandatory; however it is required to receive grants for stormwater and dry weather runoff capture projects from Proposition 1 and future bond acts.

AB2403 amended Article XIII C and XIII D (Proposition 218) to clarify the definition of water to mean water from any source. This clarifies that stormwater capture projects that are intended to provide for the production, storage, supply, treatment or distribution of water are not considered property related fees subject to the restrictions of Proposition 218.

The Committee followed other key legislation signed by the Governor, including AB1471 (Proposition 1), SB270 (Single Use Carryout Bag Ban), AB2170 (clarifying taxing authority of Joint Powers Authorities) as well as other state and federal legislation that was not enacted.

The Legislation Committee will reactivate in February of 2015 to examine newly introduced and carry-over state and federal legislation. *(continued on next page)*



Conference Subcommittee sponsored field tour to Santa Monica Stormwater Treatment Facility

Photo by Jeff Enfield

Phase II Subcommittee

**Jamison Crosby and Cathleen Garnand,
Co-Chairs**

During 2014, the CASQA Phase II Subcommittee members were busy figuring out, and implementing, the newly-adopted Phase II Small MS4 General Permit. The newly adopted permit presented challenges and uncertainties for many Permittees. The Subcommittee's monthly conference calls typically have 25-30 participants, and provide a forum for discussion and information-sharing on topics related to permit implementation. These regular meetings help connect members and build relationships to share and borrow new ideas. We also learn what's happening in the different Regional Boards. One of the goals of the subcommittee is to provide training opportunities on topics such as post-construction, monitoring, program effectiveness, and good housekeeping in municipal operations. Working with the Training Subcommittee, conference workshops and webinars will be offered to assist the Phase II Permittees.

Policy and Permitting Subcommittee

Scott Taylor and Matt Yeager, Co-Chairs

The Policy and Permitting subcommittee had a busy 2014 responding to regulatory initiatives and providing comment letters on a variety of items that impact MS4 stormwater programs. We provided input on the following issues in 2014:

- Commission on State Mandates – Stormwater as an unfunded mandate
- Receiving water language provisions
- State Water Board Stormwater Strategic Plan
- EPA National Stormwater Rulemaking
- EPA Residual Designation Authority
- Waters of the U.S. Proposed Rule
- State Water Board Trash Amendment
- Beneficial Use Designations for Recreation in Receiving Waters in LA Region
- LA Permit Petition and Draft Order

We look forward to leading CASQA's regulatory assessment agenda for 2015. The development of alternative compliance pathways for other NPDES stormwater permits in the state will be a primary effort, as will review of the State Water Board's Stormwater Strategic Plan, and review of the final Waters of the U.S. rule. We look forward to providing you the information you need to make informed decisions to improve stormwater programs. Each of the CASQA comment letters are listed for reference in Appendix C (*page 21*), and are posted on the CASQA website.

Watershed Management and Impaired Waters Subcommittee

**Karen Cowan and Richard Watson,
Co-Chairs**

During 2014, the Watershed Management and Impaired Waters Subcommittee strengthened its working relationship with the California Product Stewardship Council (CPSC) to further our abilities to mutually assist each other with overlapping true source control efforts. The subcommittee initiated two projects: one which involved working with the Department of Toxic Substances Control (DTSC) on

regulations to implement SB 346 (Brake Pad Bill), and one to develop resources regarding SB 346 implementation for CASQA members. Subcommittee members monitored their respective Regional Water Boards for trends and movement related to 303(d) listings and followed numerous issues, including: the evolving status of biological objectives; TMDL components of revised MS4 permits; the proposed State Water Board trash amendments; the Phase II Sediment Quality Objectives; the restarted Nutrient Numeric Endpoints Policy efforts; the State Water Board's Stormwater Strategy Initiative; the Water Bond bills; and an alternative approach to nutrient TMDLs.



Aerial view of San Diego River leading to the Pacific Ocean

Member Spotlight

Orange County Stormwater Program

Formally convened in December, 1990, the Orange County Stormwater Program comprises the 34 cities of Orange County, the County of Orange and the Orange County Flood Control District. The program sought early Phase I MS4 permits in advance of U.S. EPA final rulemaking and is now in the midst of permit renewal for a fifth time with the Santa Ana and San Diego Regional Water Quality Control Boards. Actively involved in CASQA since its earliest inception as the Stormwater Quality Task Force, the program has contributed three CASQA Chairs (Karen Ashby, Chris Crompton, and Richard Boon), two conference chairs (Gene Estrada in 2007 and 2012), and a sustained presence on both the Board and the Executive Program Committee.

Orange County presents a landscape transformed enormously over time, initially by agriculture and more recently by urbanization. It is home to over three million residents (compared with one million in 1963 and two million in 1981), making its over 790 square miles the sixth most populous county in the nation. In each of the county's 11 principal watersheds, the municipal drainage system expresses itself largely as a network of either entirely constructed or heavily modified channels. Key surface water features include 42 miles of beaches, three large recreational



boating harbors, the ecologically significant estuarine environment of Upper Newport Bay, and a section of the Santa Ana River and adjacent basins that capture 250,000 acre feet of stormwater annually for ground-water recharge.

The current chemical and ecological condition of the county's surface water resources is described in the program's two "State of the Environment" reports, covering, separately, areas under the jurisdiction of the Santa Ana and San Diego Regional Water Quality Control Boards.

Bacterial contamination of Orange County's coastal waters is very low during dry weather, as a direct result of targeted and comprehensive control actions, and beach report card grades are now consistently very high. While contamination is still evident in wet weather, the annual percentage of "A" grades for wet weather on the "Heal the Bay Report Card" has reached 70 percent in recent years. Achieving further reductions in wet weather contamination is a major challenge for the program due to the multiplicity of sources and limits in both monitoring and control methodologies.

Data from local surface water monitoring and regional investigations administered by the Southern California Coastal Water Research Project show that toxicity occurs sporadically in streams and creeks in Orange County. It occurs at low levels and at different locations and different times and varies unpredictability across test species. There is a greater prevalence of toxicity in wet weather and pesticides are implicated as the principal source of this toxicity. While the program works to implement an innovative Integrated Pest Management (IPM) policy devised by the Orange County University of California Cooperative Extension for all municipalities, it also looks to CASQA to encourage the more effective regulation of pesticide use by the state and federal agencies to whom such regulatory authorities are exclusively reserved.

(continued on next page)

Member Spotlight (continued)

The program is also now starting to focus on total dissolved solids (TDS) and nutrients as a new focus of efforts to protect and enhance water quality. These constituents can exceed Basin Plan Objectives in wet and dry weather and create the potential for adverse ecological impacts. TDS is suspected as a causal factor in poor bioassessment scores.

However, nutrient impacts, such as excessive macroalgal growth, are not prevalent in Orange County streams in spite of exceedances of regulatory thresholds for bio-stimulatory substances. For both constituents, the principal source is unlikely to be urban in nature and instead can be identified as a consequence of marine sedimentary formations characteristic of the area. The key to the program's future management efforts will therefore be to determine the environmental significance, if any, of the urban sources of TDS and nutrients.

The program considers itself to be successful and all of the foundational program elements specified in the first federal rulemaking are well established and continue to evolve. Public education and outreach, previously a recipient of a CASQA award for excellence, has embraced a community-based social marketing philosophy and is now conducted as a close partnership with the County's water districts. Low impact development is integral to the planning approval processes of all of the program's participants. IPM is at the core

of municipal landscape management. Water pollution incidents are at their lowest level in five years. The efforts to control fecal indicator bacteria in recreational waters in dry weather represents a major water quality success story for the program as does the significant progress in meeting sediment and nutrient TMDL allocations in the Newport Bay watershed.

Looking ahead, the program believes that the key findings from its "State of the Environment" reports have implications for the requirements of its impending fifth term MS4 permits as well as the broader regulatory framework for stormwater. There is a robust case to be made for future permits enabling management efforts based on watershed approaches targeting priority water quality conditions and which allow for customization of foundational program elements, particularly extensive inspection requirements that have shown a limited relationship to water quality concerns. More fundamentally, there needs to be a credible compliance pathway that does not distract management efforts when benchmark exceedances are found that may have neither environmental significance nor an urban source. The program will be actively supporting CASQA's efforts to get this pathway established.

For more information

Contact Richard Boon
at 714-955-0670, or go to
<http://ocwatersheds.com/>

Orange County presents a landscape transformed enormously over time, initially by agriculture and more recently by urbanization.



One of the program's two "State of the Environment" reports, covering separately, areas under the jurisdiction of the Santa Ana and San Diego Regional Water Quality Control Boards.

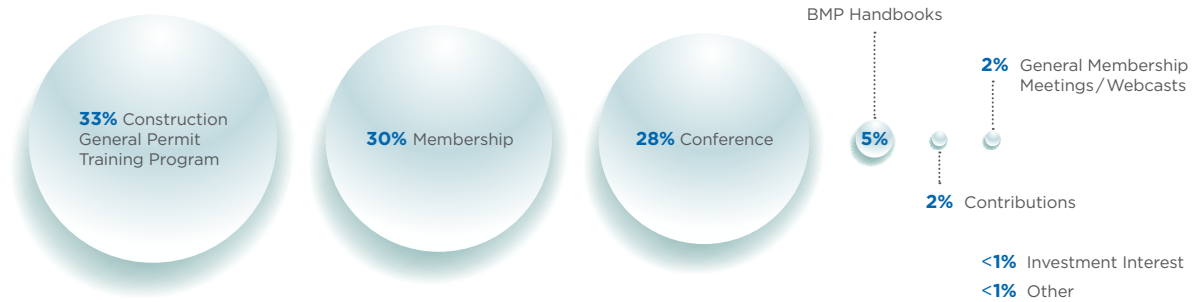
Appendix A | Financial Summary

The California Stormwater Quality Association was incorporated as a non-profit organization in the state of California on July 26, 2002 to assist entities that are charged with stormwater quality management responsibilities for the development and implementation of stormwater quality goals and programs within the state of California. Operations commenced January 1, 2003.

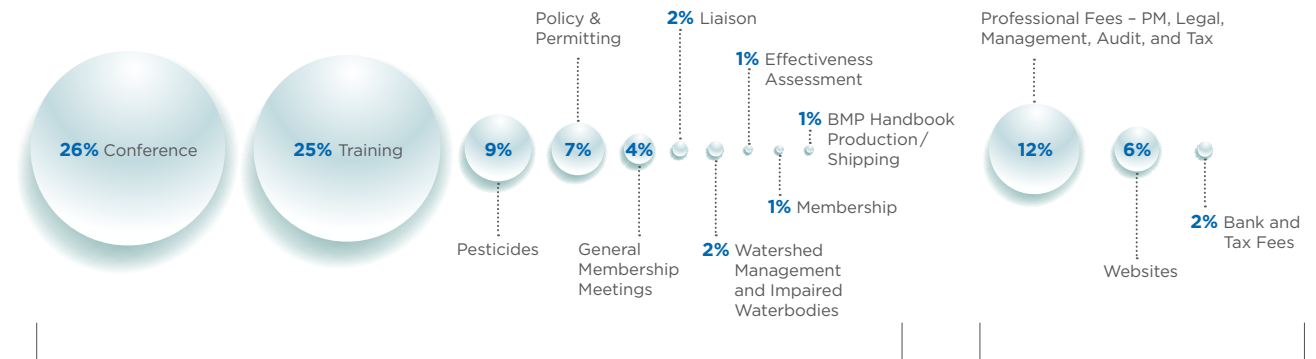
CASQA is organized and operated exclusively for charitable and educational purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code. CASQA follows Financial Accounting Standards Board Statement (SEAS) No. 117, Financial Statements of Not-for-Profit Organizations, for presentation of its financial statements.

The financial summary for the year ended December 31, 2013 is drawn from the REPORT ON AUDIT OF FINANCIAL STATEMENTS for the year ended December 31, 2013 (Burr, Pilger & Mayer, LLP).

Revenues \$1,362,972



Expenses \$1,250,272



Statement of Assets and Liabilities

Revenues	\$	586,271
Liabilities	\$	52,434
Net Assets	\$	533,837

PROGRAMS - Committees and Projects

- <1% CASQA Awards
- <1% Industrial
- <1% Executive Program - General Subcommittees
- <1% Phase II
- <1% Legislation
- <1% BMPs
- <1% Other Conference Sponsorship
- <1% Monitoring and Science
- <1% Construction

SUPPORTING SERVICES - General and Administrative

- <1% Office Supplies and Teleconferencing
- <1% Other Board Meetings
- <1% Depreciation / Amortization
- <1% Insurance
- <1% Accreditation Fees
- <1% Travel - Board/EPC
- <1% Postage, Delivery and Printing

Appendix B | Board of Directors and Executive Program Committee Membership

For more information on CASQA Directors, Staff and Committees, please visit our [Board and Committees](#) page on the CASQA website.

BOARD OF DIRECTORS

Gerhardt Hubner – Chair
Ventura County Watershed Protection District

Jill Bicknell* – Vice-Chair
Santa Clara Valley Urban Runoff Pollution Prevention Program

Sharon Gosselin* – Treasurer / Executive Program Coordinator
Alameda Countywide Clean Water Program

Lisa Austin*† – Executive Program Coordinator
Geosyntec Consultants

Richard Boon* – Executive Program Coordinator
County of Orange

Stephanie Reyna-Hiestand – Secretary
City of Tracy

Jeff Endicott*
CASC Engineering and Consulting

Matt Fabry
San Mateo Countywide Water Pollution Prevention Program

Sandy Mathews*†
Larry Walker Associates

Scott McGowen*
California Department of Transportation

Erica Ryan
City of San Marcos

Geoff Brosseau
Executive Director

EXECUTIVE PROGRAM COMMITTEE

Jill Bicknell*
Vice Chair / EPC Chair
Santa Clara Valley Urban Runoff Pollution Prevention Program

Anna Lantin†
BMPs Chair, *RBF Consulting*

Tanya Bilezikjian / Lisa Haney
Conference Co-Chairs
Larry Walker Associates / CASC Engineering and Consulting

Sandy Mathews*† / Melanie Sotelo†
Construction Co-Chairs,
Larry Walker Associates / CASC Engineering and Consulting

Jon Van Rhyn / Karen Ashby†
Effectiveness Assessment Co-Chairs
San Diego County / Larry Walker Associates

Matt Lentz† / Katharine Wagner†
Industrial Co-Chairs,
GSI Environmental / Attorney

Jason Uhley / Darcy Kuenzi
Legislation Co-Chairs,
Riverside County Flood Control and Water Conservation District

Armand Ruby† / Arne Anselm
Monitoring and Science Chair / Representative to Water Quality Monitoring Council
Armand Ruby Consulting / Ventura County Watershed Protection District

Dave Tamayo / Delyn Ellison-Lloyd
Pesticides Co-Chair / Co-Chair and Representative to DPR Pest Management Advisory Committee
County of Sacramento / City of Roseville

Jamison Crosby / Cathleen Garnand
Phase II Co-Chairs
Napa County Stormwater Pollution Prevention Program / Santa Barbara County

Scott Taylor† / Matt Yeager†
Policy and Permitting Co-Chairs
M. Baker International / Yeager Environmental Consulting

Sharon Gosselin*
Public Information / Public Participation Chair,
Alameda Countywide Clean Water Program

Daniel Apt† / Brian Currier†
Training Co-Chairs,
RBF / CSUS Office of Water Programs

Richard Watson† / Karen Cowan†
Watershed Management and Impaired Waters Co-Chairs, *Richard Watson & Associates / Larry Walker Associates*

Stephanie Reyna-Hiestand
Website Chair, *City of Tracy*

Karen Ashby† / Ruth Kolb / Chris Sommers†
Biological Objectives Stakeholder Advisory Group Representatives, *Larry Walker Associates / City of San Diego / EOA, Inc.*

Maureen Daggett†
Fee Stakeholder Group Representative, *ECMS*

Matt Yeager†
Sediment Quality Advisory Committee Representative,
Yeager Environmental Consulting

Amanda Carr
Nutrient Numeric Endpoint Coastal Stakeholder Advisory Group Representative, *City of Irvine*

Member affiliations listed in italics

** EPC members also on the Board of Directors (minimum 2 required)*

† EPC members who are affiliate members (minimum of 1/3 of filled vacancies required)

EXECUTIVE PROGRAM COMMITTEE AT-LARGE MEMBERS

Angela George / Frank Wu
Los Angeles County

Kevin McGillicuddy†
Roscoe-Moss

Mark Grey† / Kathryn Hubbard†
Building Industry Association of Southern California

Mack Walker†
Larry Walker Associates

Kelly Moran†
TDC Environmental, LLC

Daniel Rourke
Fresno Metropolitan Flood Control District

EXECUTIVE PROGRAM COMMITTEE EX OFFICIO MEMBERS

Richard Boon*
County of Orange

Jeff Endicott*†
CASC Engineering and Consulting

Scott McGowen*
California Department of Transportation

Following is a list of the 22 comment letters, 3 work products, and 4 instances where testimony was provided by CASQA during 2014. Comment letters and other materials are available on the CASQA website, or may be obtained by contacting us at info@CASQA.org.

BMPs SUBCOMMITTEE

November 17, 2014 - *Industrial and Commercial Stormwater Best Management Practice Handbook and Portal*

EXECUTIVE DIRECTOR

September 18, 2014 - Comments to State Water Board on Proposed Stormwater Permit Fees

INDUSTRIAL SUBCOMMITTEE

February 25, 2014 - Request to State Water Board for 30-day Comment Period for Final Draft Industrial Stormwater General Permit

March 4, 2014 - Comments to State Water Board on Final Draft Industrial Stormwater General Permit

April 1, 2014 - Testimony to State Water Board on Final Draft Industrial Stormwater General Permit

LEGISLATION SUBCOMMITTEE

April 15, 2014 - Comments on SB 985 (Pavley) Stormwater Resource Planning

June 17, 2014 - Comments in Support of AB-2403: Local Government: Assessments, Fees, and Charges

PESTICIDES SUBCOMMITTEE

January 30, 2014 - Comments to Central Coast Regional Water Board on Santa Maria Watershed Pesticides TMDL

March 31, 2014 - Comments to U.S. EPA on Registration Application - Copper Sulfate Pentahydrate Materials Preservative

May 20, 2014 - Comments to State Water Board on Proposed TMDL for Toxicity and Pesticides in the Santa Maria Watershed

July 1, 2014 - Comments to DPR Regarding Application to Register Pyrethroid Metofluthrin Product - Request for Surface Water Review

July 18, 2014 - Comments to DPR on Cyantraniliprole Proposed Registration

August 4, 2014 - Comments to U.S. EPA on Registration Review Proposed Interim Decision - Metofluthrin

August 27, 2014 - *Preventing Urban Pesticide Pollution in Stormwater*; Pesticides Subcommittee Annual Report, 2013-2014

October 31, 2014 - Comments to California Department of Food and Agriculture on Draft PEIR for Statewide Pest Prevention and Management Program

November 12, 2014 - Comments to DPR on Proposed DPR Regulation No. 14-002 Designating Chlorpyrifos as a Restricted Material

POLICY AND PERMITTING SUBCOMMITTEE

March 27, 2014 - Comments to State Water Board Regarding On Its Own Motion on Los Angeles MS4 Permit Petitions

July 16, 2014 - Testimony to State Water Board on Proposed Statewide Trash Amendments

August 5, 2014 - Testimony to State Water Board on Proposed Statewide Trash Amendments

August 5, 2014 - Comments to State Water Board on Proposed Statewide Trash Amendments

November 6, 2014 - Comments to Los Angeles Regional Water Board on Consideration of Adoption of a Resolution Retaining the Current Recreational Beneficial Use Designations for Engineered Channels of the Los Angeles River Watershed

November 14, 2014 - Comments to U.S. EPA and U.S. Army Corps of Engineers' Proposed Definition of "Waters of the United States" Under the Clean Water Act

November 18, 2014 - Amicus Curiae Brief to California Supreme Court regarding Los Angeles Unfunded Mandate Test Claim Case

December 16, 2014 - Testimony to State Water Board on Receiving Water Limitations as Addressed in the Draft Order on the Los Angeles MS4 Permit Petitions

WATERSHED MANAGEMENT AND IMPAIRED WATERS SUBCOMMITTEE

April 15, 2014 - Comments to U.S. EPA on Proposed MOU Regarding Brake Pad Copper Content

September 2, 2014 - Comments to DTSC on Draft Informal Brake Friction Material Regulations

December 1, 2014 - "Brake Pad Copper Reduction - Metrics for Tracking Progress"

December 5, 2014 - Comments to DTSC on Draft Informal Brake Friction Material Regulations

December 19, 2014 - Comments to State Water Board on the Proposed Amendment to the Water Quality Control Policy for Developing the Clean Water Act Section 303(d) List