

# CASQA

2010  
Annual  
Report

California Stormwater Quality Association



CALIFORNIA STORMWATER  
QUALITY ASSOCIATION®

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### COVER PHOTO

Ballona Wetlands adjacent to Playa Vista Development in Los Angeles (Peter Bennett/Green Stock Photos)

### PHOTOS ON THIS PAGE

A bio-detention pond at a residential development in the City of Dublin (top left)

Industrial inspection helps maintain storm-water quality (top right)

An aerial view captures the message created by thousands of school children participating in Kids Ocean Day 2010 beach cleanup at Dockweiler Beach, Los Angeles (middle)

A panel discussion at the Sixth Annual CASQA Conference (bottom)

[www.casqa.org](http://www.casqa.org)



## Message from the CASQA Chair

“CASQA has had some significant pollution prevention accomplishments in 2010 that will directly benefit the environment and taxpayers.”

**2010 marked another year** of rapid change for stormwater professionals. We are identifying an increasing number of feedback loops for chemicals to find their way into the environment with associated changes in surface water quality. The number of Total Maximum Daily Load (TMDL) listed waterbodies is on the rise, the requirements for MS4 monitoring programs are being enhanced, and National Pollutant Discharge Elimination System (NPDES) permits have new programs, assessments and requirements.

The United States Environmental Protection Agency (USEPA) is currently in the process of a major rulemaking for post-construction stormwater quality regulation, and is reconsidering its effluent limitation guidelines for construction sites. The Energy Independence Security Act (EISA) imposes a new model for how stormwater must be managed on federal building projects, and the Cardin Safe Treatment of Polluted Stormwater Runoff (STOPS) bill may bring similar requirements to federally funded highway projects. Against this backdrop, CASQA had a very productive year improving stormwater quality management, science and regulation. Some of the accomplishments we can all be proud of are:

- The State issued a dramatically new General Construction NPDES Permit (CGP) in the fall of 2009. CASQA responded with a comprehensive new training program in 2010 to support the new CGP. Education is a key factor in reducing pollution from construction sites, and one of the core mission activities for CASQA. CASQA will continue to refine the training program to ensure it represents the most current thinking in construction site pollution control.

Pollution prevention is our most powerful and cost-effective tool, but we sometimes do a relatively poor job of recognizing and promoting it. CASQA has had some significant pollution prevention accomplishments in 2010 that will directly benefit the environment and taxpayers.

- CASQA expended considerable effort and resources to educate the public on the benefits of SB 346, which reduces the amount of copper in automobile brake pads. Studies indicate that by far the most significant source of copper in urban watersheds is the fine dust generated from the use of brake pads. In September of this year, the Governor signed SB 346 into law, bringing to a close a process that started over 14 years ago. This was truly a landmark event for MS4 programs in our state. Estimates of complying with copper TMDLs without this legislation ranged from \$50 to \$100 billion over the next 30 to 40 years.

- CASQA regularly comments on pesticide re-registration and has been working with the USEPA and the state Department of Pesticide Regulation (DPR) to improve pesticide regulation relative to toxicity in receiving waters. For pesticide related toxicity, there is no substitute for true source control, and CASQA has made significant headway in working with the regulatory agencies to reduce the toxicity caused by pesticides.

- Finally, CASQA started work on revisions to our landmark Program Effectiveness Assessment Handbook. This Handbook is an original work and represents one of the most important advancements for municipal stormwater programs since the implementation of the Phase I program in 1990. Version two of this Handbook promises to be another significant step forward to enhance municipal stormwater programs.

On behalf of the Board of Directors, I want to thank you for your support of our organization this year, and I look forward to seeing you at the quarterly meetings and our 2011 Annual Conference.

— Scott Taylor  
*Chair of the CASQA Board of Directors*

## About Us

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 the federal government.

## Organization Overview

### CASQA's Mission

“Advance stormwater quality management through collaboration, education, implementation guidance, regulatory review, and scientific assessment.”

CASQA developed a strategic plan to guide the efforts of the association. The plan is structured around a series of technical and organizational goals. The programs CASQA pursues will support the goals of the association and provide value for the CASQA membership through the development of more effective stormwater quality programs. The principal technical goals in the strategic plan are:

- Collaboration
- Education
- Implementation Guidance
- Regulatory Review
- Scientific Assessment

## Organizational Structure

### Board of Directors

The CASQA Directors (eleven 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, among other things: (i) adopting an annual budget, (ii) adopting the annual dues schedule, and (iii) adopting policies and positions concerning regulations, legislation and litigation. Since 2002, the Board of Directors has guided the establishment of CASQA as 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.

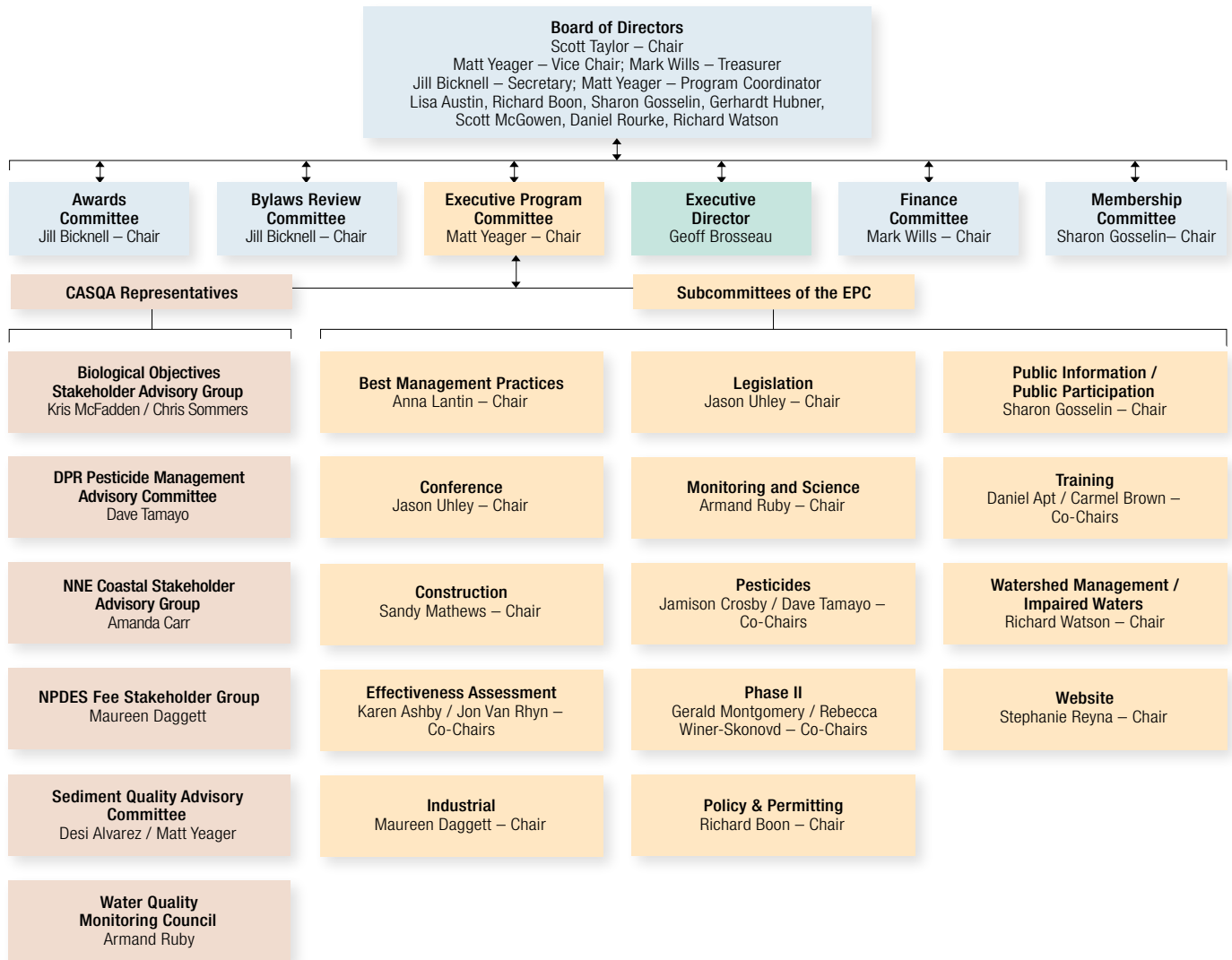
### Executive Director

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.

*(continued on next page)*



Presentation on TMDL (left); Water quality basin in Dublin, designed to hold low-flow stormwater runoff (right)



Above is a representation of CASQA's 2010 organizational structure



## 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, Executive Program Committee (EPC), Finance, and Membership (*see Organization Chart above*).

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

**Executive Program** comprises no more than twenty-seven (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 EPC

Fourteen subcommittees focus on different areas of stormwater management, under the auspices of the EPC (see *Organization Chart, previous page*). The basic charter of each subcommittee is outlined in the summary to the right.

### CASQA Representatives

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



Scenes from 2010 Quarterly meetings held at the Oakland Waterfront Hotel (top and right), and the Sacramento Hyatt (bottom)

### EPC Subcommittees Summary

**Best Management Practices (BMPs)** provides contemporary information on BMPs primarily through the BMP Handbooks.

**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 California Senate and Assembly, and United States Congress, 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 and seeking collaborators, partners, and grant funding for needed research.

**Pesticides** addresses pesticide uses that impact stormwater discharges, provides input to USEPA and the California 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.

**Policy and Permitting** develops comments and testimony on State, USEPA, and precedent-setting regional policies and permitting initiatives, and promotes 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 TMDLs 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.

## Product Spotlight

The Construction General Permit Training Program is managed and administered by CASQA and was developed in collaboration with the State Water Board and a 20+ member CGP Training Team. During 2010, nearly 100 “Trainers of Record” were qualified to teach two and three-day training courses to prospective Qualified Stormwater Pollution Prevention Plan (SWPPP) Developers and Practitioners in the State. Hundreds of professionals have now been trained and nearly 300 have already passed the mandatory exam, well ahead of the September 2, 2011 regulatory deadline. CASQA expects to issue 1,000 or more QSD and QSP certificates in 2011.

## Construction General Permit Training Program

When the State Water Board released the new draft Construction General Permit in 2007, it became immediately clear that dramatic changes were in store for the construction industry. Among other requirements, the new permit calls for most permit compliance activities to be conducted by Qualified SWPPP Developers (QSD) and Qualified SWPPP Practitioners (QSP), and for those personnel to have attended a State-approved training course by September 2, 2011.

The State approached CASQA with an invitation to help develop and implement the “State-approved” statewide training course. CASQA rose to the challenge and the result has been one of the most successful collaborations in our history.

CASQA organized a CGP Training Team of 20+ professionals representing the State and Regional Water Boards, construction and municipal permit holders, industry experts



and academia. In just 2 years, this team has logged thousands of volunteer hours creating a first-of-its-kind program which qualifies Trainers of Record to provide the necessary QSD and QSP training courses to stormwater professionals up and down the state.

CASQA is managing and administering the program with the continuing help of the CGP Training Team. The website has been expanded and enhanced and CASQA is issuing certificates to qualified individuals. CASQA will oversee, monitor and evaluate the performance of the Trainers of Record and the Water Board will address performance issues for QSDs and QSPs. Both parties will continue to play an active role in the CGP Training Team, which will provide direction and guidance to the overall effort.



Graduates of the pilot QSD Training Course, March 2010 (above); Some of the CGP Training Team Members (top right)

## Benefitting the Public

Several products are now available to the public. It is not necessary to be a CASQA member to obtain, use and/or benefit from these products:

**QSP and QSD/P Certificate** (\$95; good for 2 years from issuance) –

Available to those who possess the pre-qualifications listed in the CGP, have completed a 2- or 3-day training course provided by a qualified Trainer of Record and passed the appropriate exam with a score of 70% or better, from the [CASQA store](#)

**Temporary QSP Certificate** (\$95; good until 9/1/11) – Available to those who do not yet possess the pre-qualifications listed in the CGP, from the [CASQA store](#)

**QSD/QSP Exam** (free, offered continuously) – Administered by the Water Boards with registration through the [Water Board Training Academy](#)

**Trainer of Record Request for Proposals** (\$500 fee; published approx. twice a year) – Opportunity for experienced trainers to submit statement of qualifications, from the [CASQA website](#)

**Trainer of Record Certificate** (\$95; good for 2 years from issuance) – From the [CASQA store](#)

**QSD, QSP and Trainer of Record Look-Up Databases** (free, offered continuously on the website) – Created and updated by CASQA to allow public access to names, certificate numbers/expiration dates and contact information for qualified professionals, from the [CASQA website](#)

## Awards of Excellence

CASQA presented five awards at its Sixth Annual Stormwater Conference Awards Luncheon on November 2, 2010, at the Westin Mission Hills Hotel in Rancho Mirage. The awards program identifies and recognizes exemplary leadership, outstanding projects, activities and contributors in the field of stormwater quality management.



Todd Corbin, Cucamonga Valley Water District (center), Daniel Apt, RBF (left), and Jill Bicknell, CASQA Awards Chair (right)



Wing Tam, City of Los Angeles Stormwater Program (left), and Jill Bicknell

## CASQA Recognizes Excellence in Stormwater Quality Management

“The Awards Committee evaluated how creative and innovative organizations could be as they addressed stormwater and environmental challenges in their communities. The award-winning projects embody both best practices and creative concepts in stormwater management. We recognize their success, innovation and dedication to the improvement of stormwater quality in California,” said Jill Bicknell, Awards Committee chair.



The Cucamonga Valley Water District's Frontier Project (left)

This year's five award recipients received recognition for excellence in four categories:

**The Outstanding Sustainable Stormwater Project Award** was presented to the *Cucamonga Valley Water District* for its “Frontier Project,” a sustainable campus building that incorporates Low Impact Development (LID) stormwater management approaches, green building policies, renewable energy resources, and water conservation throughout the project.

**The Outstanding Stormwater News, Information, Outreach and Media Award** was presented to the *City of Los Angeles* for its Stormwater Public Education Program, which utilized new social media such as a Facebook page, a program blog, an interactive website and an e-newsletter to transform a stormwater audience into a stormwater movement, at a fraction of what a conventional radio, print or television outreach campaign would have cost.

*(continued on next page)*



Examples of the Facebook page (above) and “Team Effort” outreach advertisement from the City of Los Angeles Online Media Campaign (right)



## Awards of Excellence



Frank Dela Vara, Disneyland Resort (center), and Rosanna Lacarra, PBS&J (left), with Jill Bicknell



From left to right, Richard Watson, Ruth Kolb, and Kelly Moran receive the Outstanding Service Award. Not shown are other winners Daniel Apt, Carmel Brown and Jason Uhley



Nancy Steele (center) and Edward Belden (left) of the Los Angeles and San Gabriel Rivers Watershed Council, with Jill Bicknell

**The Outstanding Stormwater BMP Implementation Program Award** was presented to the *Disneyland Resort* for its master water quality management plan, which included state-of-the-art upgrades to the Anaheim-based resort to improve water quality, reduce stormwater discharge and ensure the overall sustainability of the resort in regards to stormwater management.



Disneyland Resort (top) and a view of the resort's Central Bakery stormwater infiltration system components during construction (above)

**The Outstanding Stormwater BMP Implementation Project Award** was presented to the *Los Angeles & San Gabriel River Valley Rivers Watershed Council* for its Elmer Avenue Retrofit Demonstration project. This project used local products and equipment to create a “green street” that provides treatment of stormwater runoff and reduces pollutant loads from the area, promotes water conservation, and increases community awareness of watershed and stormwater issues. An **Honorable Mention** in this category was presented to the *City of Santa Monica* for its Bicknell Avenue project, another green street retrofit project that provides stormwater infiltration features to reduce stormwater discharges.

**The Outstanding Service Award** was presented to six CASQA members who provided outstanding service to the organization during 2010. Kelly Moran (TDC Environmental), Ruth Kolb (City of San Diego), and Richard Watson (Richard Watson & Associates) received the award for their work with the Brake Pad Partnership and Senator Kehoe’s office to draft language for, negotiate, and advocate passage of SB 346, which limits the amount of copper in brake pads and will greatly benefit agencies complying with copper TMDLs. Daniel Apt (RBF Consulting) and Carmel Brown (CKB Environmental Consulting) received the award for leading the effort to develop a program for training and certifying Trainers of Record for providing QSP and QSD training for compliance with the State Construction General Permit. And last, but not least, Jason Uhley (Riverside County) received the award for his outstanding leadership as CASQA Conference Chair for two years in a row.

CASQA awards are available to both public and private projects and individuals from public agencies and private businesses. Award candidates must be nominated by a CASQA member and are evaluated on demonstrated excellence, ingenuity, creativity, professionalism and documented results. Awards may be made at local, regional and statewide levels.



Award winning “green street” BMP Implementation Projects at Elmer Ave., Sun Valley (right), and Bicknell Ave., Santa Monica (bottom right)

## Sixth Annual Conference

CASQA's Sixth Annual Conference was held November 1–3, 2010, at the Westin Mission Hills in Rancho Mirage with approximately 500 attendees, sponsors and vendors. The Conference had an outstanding program packed with technical, scientific, management and regulatory topics as well as a full range of exhibits. The conference included five concurrent sessions (81 presentations), four pre-conference workshops, and an outstanding plenary session.

## Rethinking Stormwater Management

### Creative Solutions to Complex Problems

The annual CASQA Conference has established itself as a “must attend” training event for stormwater professionals. Presentations were made by some of the most influential and experienced people in the stormwater field. From construction permitting to the latest legal, policy, scientific and technical information regarding stormwater management – this conference had something for every stormwater professional.

The conference was opened by a thought provoking keynote from Tim Moore, founder of Risk Sciences, regarding the importance and challenges of managing stormwater, exciting new solutions for managing stormwater and the need to shift to new, more flexible management paradigms.

The Monday pre-conference workshops covered timely and important stormwater topics:

- Sustainable Mandates – Managing Feasibility and Compliance
- Municipal Stormwater 101/201 – From Fundamentals to Practical Application
- Legal Framework – Past, Present and Future
- General Construction Permit – A Practical Approach

The conference also featured a record 81 technical sessions in five concurrent tracks across two days. A wide range of subjects were covered including the construction permit,

industrial permit, modifying public behavior, program assessment, bioassessment, regulations, permits and policies, sustainable development, stormwater treatment, true source control, and scientific advances.

In addition to the technical sessions, exhibits by 44 vendors featured a wide variety of stormwater products and services. Conference attendees interacted with the exhibitors in a relaxed environment to receive information on the products and services offered to assist stormwater professionals.



Also, for the first time, the plenary session, awards lunch and Tuesday's Sustainable Development Track were webcast in addition to all four Monday pre-conference workshops.

CASQA looks forward to our next Annual Conference to be held at the Hyatt Regency Monterey Hotel, from September 26–28, 2011, in beautiful Monterey, CA.



From left to right: Jason Uhley, CASQA 2010 Conference Chair, addresses audience; Breakout session; Keynote speaker Tim Moore

## Member Spotlight

The City of San Diego, with its coastline and watersheds running from its border with Mexico north towards Orange and Riverside counties, has swept 9,500 miles of city streets in the past two years to test the effectiveness of different models of street sweepers. The test was part of the City's aggressive effort to identify the best mix of management practices capable of reducing dissolved metals – particularly copper – from local drainage areas.



Beautiful Sunset Cliffs in San Diego (above);  
The City's waterfront skyline (top)

## San Diegans Think Blue to Reduce Pollution

The City of San Diego Storm Water Department's ongoing pollution prevention efforts are designed to protect the region's world renowned rivers, creeks, beaches and bays from pollution coming from urban runoff. The City has been a leader in connecting personal action with pollution prevention and is home to the often-copied Think Blue education and outreach program.

Think Blue is a cornerstone of the City's stormwater pollution prevention efforts and has become a strong environmental brand and catch-phrase for residents and businesses. Think Blue employs and leverages the work of community organizations to encourage environmental and water quality awareness. It is also the lead agent in connecting behavior change with improvements in water quality.

Over the past year Think Blue and the operations team of the Storm Water Department have focused on two high-profile pollution prevention initiatives.

The first-winning efforts of CASQA and the Brake Pad Partnership (BPP) has helped bring about sweeping and progressive legislation that will substantially reduce the amount of copper found in vehicle brake pads.

The second project, the wrap-up of the City's two-year street sweep-

ing pilot study, supported the first with strong evidence about the amount of brake dust on city streets and about the best ways of collecting that before it can enter watersheds.

As of 2006, 51 water bodies across California exceeded state and federal regulations regarding the levels of copper allowed in waterways. San Diego, already working with TMDL requirements for dissolved metals in its Chollas watershed, chose to tackle the copper problem



with a combination of education, field testing of sweeper technologies and through strong support of CASQA and the BPP.

With the City's support, the BPP worked with State Senator Christine Kehoe (39th District) to develop Senate Bill 346. This bill set time-lines for phasing out the use of copper in motor vehicle brake pads. It also limits the use of other harmful pollutants such as lead, mercury, chromium, cadmium and asbestos in brake pads. This groundbreaking legislation, signed into law in September of 2010, was built after years of negotiation within a unique partnership between municipal and manufacturing stakeholders.

### A Sweeping Study

The City of San Diego built credibility for its position with the Partnership in a variety of ways, chief among them by conducting a two-year street sweeping pilot study to determine if enhanced sweeping provided a cost effective solution for reducing pollution and meeting regulatory requirements. While some comparisons are still in the works, the study supports a targeted multi-vehicle sweeping program as an effective pollution prevention effort.

The City has posted results from the first phases of the sweeping study. The final report and Phase III update are available online:

[City of San Diego – Street Sweeping Pilot Study](#)

These efforts are just part of the City's strategic and integrated approach to stormwater management. With an update to its MS4 permit coming next year and with the ever increasing demands of TMDL, Areas of Special Biological Significance (ASBS) and other regulations, the city is working hard to identify and implement the best suite of programs for preventing pollution and addressing the stormwater system's infrastructure needs.

## Financial Summary

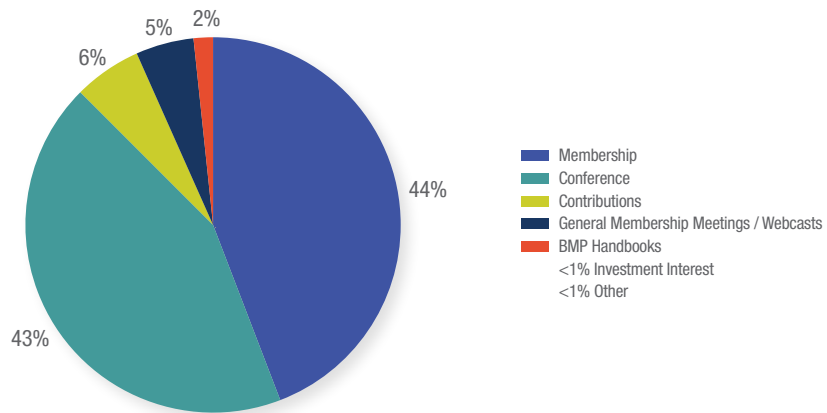
The California Stormwater Quality Association was incorporated as a non-profit organization in the State of California on July 26, 2002 to assist entities that are charged with stormwater quality management responsibilities for the development and implementation of stormwater quality goals and programs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

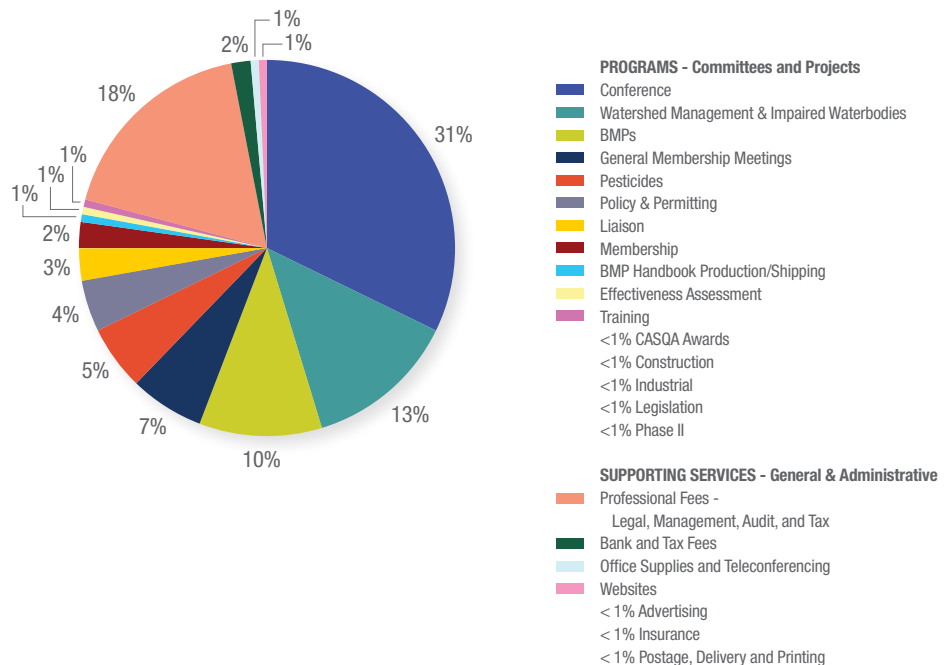
The financial summary below for the year ended December 31, 2009 is drawn from the REPORT ON AUDIT OF FINANCIAL STATEMENTS for the year ended December 31, 2009 (Burr, Pilger & Mayer, LLP).

Statement of Assets and Liabilities	
Assets	\$ 207,468
Liabilities	\$ 75,996
<b>Net Assets</b>	<b>\$ 131,472</b>

### Revenues \$681,236



### Expenses \$718,579



## 2010 Organization

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

## Board of Directors

**Scott Taylor** – Chair  
*RBF Consulting*

**Matt Yeager** – Vice-Chair / Executive Program Coordinator  
*San Bernardino County Flood Control District*

**Mark Wills** – Treasurer  
*Riverside County Flood Control and Water Conservation District*

**Jill Bicknell** – Secretary  
*Santa Clara Valley Urban Runoff Pollution Prevention Program*

**Lisa Austin**  
*Geosyntec Consultants*

**Richard Boon**  
*County of Orange*

**Sharon Gosselin**  
*Alameda Countywide Clean Water Program*

**Gerhardt Hubner**  
*Ventura County Watershed Protection District*

**Scott McGowen**  
*California Department of Transportation*

**Daniel Rourke**  
*Fresno Metropolitan Flood Control District*

**Richard Watson**  
*Richard Watson & Associates*

**Geoff Brosseau**  
*Executive Director*

## Executive Program Committee

**Matt Yeager** \*  
Vice Chair / EPC Chair, *San Bernardino County Flood Control District*

**Anna Lantin** †  
BMPs Chair, *RBF Consulting*

**Jason Uhley**  
Conference Chair, *Riverside County Flood Control and Water Conservation District*

**Sandy Mathews** †  
Construction Chair, *Larry Walker Associates*

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

**Maureen Daggett** †  
Industrial Chair / Fee Stakeholder Group Representative, *ECMS*

**Armand Ruby** †  
Monitoring and Science Chair / Representative to Water Quality Monitoring Council, *Armand Ruby Consulting*

**Jamison Crosby / Dave Tamayo**  
Pesticides Co-Chair / Co-Chair and Representative to DPR Pest Management Advisory Committee,  
*Contra Costa Clean Water Program / County of Sacramento*

**Rebecca Winer-Skonovd / Jerry Montgomery / Kelye McKinney**  
Phase II Co-Chairs  
*Larry Walker Associates / City of Lincoln / City of Roseville*

**Richard Boon** \*  
Policy & Permitting Chair, *County of Orange*

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

**Daniel Apt** † / **Carmel Brown** †  
Training Co-Chairs,  
*RBF / CKB Environmental Consulting*

**Richard Watson** \* †  
Watershed Management & Impaired Waters Chair, *RWA*

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

**Desi Alvarez / Matt Yeager** \*  
Sediment Quality Advisory Committee Representatives,  
*City of Downey / San Bernardino County Flood Control District*

**Kerry Schmitz**  
Fee Stakeholder Group Representative,  
*County of Sacramento*

**Amanda Carr**  
Nutrient Numeric Endpoint Coastal Stakeholder Advisory Group Representative, *County of Orange*

## Executive Program Committee At-Large Members

**Jill Bicknell** \* / **John Fusco**  
*Santa Clara Valley Urban Runoff Pollution Prevention Program*

**Rossana D'Antonio / Frank Wu**  
*Los Angeles County*

**Kevin McGillicuddy** †  
*Roscoe-Moss*

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

**Scott McGowen** \* / **Karl Dreher**  
*Caltrans*

**Mack Walker** †  
*Larry Walker Associates*

**Gerhardt Hubner** \* / **Arne Anselm**  
*Ventura County Watershed Protection District*

**Drew Kleis / Ruth Kolb**  
*City of San Diego*

**Gene Estrada**  
*City of Orange*

**Kelly Moran** †  
*TDC Environmental, LLC*

**Jeff Endicott** †  
*AEI-CASC Engineering*

## Executive Program Committee Advisors

**Eugene Bromley** USEPA

**Bruce Fujimoto** SWRCB

*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)

## CASQA 2011 Initiatives

We are in a period of rapid change for stormwater management.

CASQA will apply its resources for maximum effect to work on major challenges and initiatives in the coming year.

Some of the major activities of the CASQA Organization in 2011 will include:

**Program Effectiveness Assessment Handbook** CASQA will publish the second version of the Program Effectiveness Assessment Handbook by the summer of 2011. The second version will represent a significant step forward in providing tools for the stormwater program manager to assess the effectiveness of pollution reduction measures. This Handbook will be the most advanced guidance available on this subject.

**New Development Handbook** CASQA will revise the New Development Handbook to reflect the recent permitting trends of LID implementation and infiltration, harvest and use and biotreatment. The New Development Handbook will be launched in a virtual format on the CASQA web portal.

**Source Control Initiative** CASQA provided key educational support to help bring SB 346, the reduction of copper in brake pads into law in 2010. CASQA will continue to implement its Source Control Initiative by working with the EPA and DPR to reduce pesticide toxicity and will look at other constituents and sources in the urban environment, such as zinc, for potential source control projects.

**US EPA Rulemaking** The US EPA is currently in a rulemaking process to greatly expand the reach of post-construction stormwater quality regulation. CASQA provided initial comments on the rulemaking process in 2010, and plans to visit the EPA in 2011 to comment in-person on the draft regulations.

**Funding for Stormwater Programs** CASQA will be working with partner agencies to explore ways to increase funding for municipal stormwater programs. It is clear that general fund support for stormwater programs will be

difficult to maintain with increasing requirements in MS4 permits. CASQA will explore options for alternative funding mechanisms through a wide variety of sources.



© Mehmet Dincer / Dreamstime.com

**Other Initiatives** CASQA will also be tracking important regulatory initiatives in 2011 including the Phase II General Permit, the statewide trash policy, the Caltrans Permit, the Industrial Activity Permit, the designation of non-traditional MS4s, the exception program for ASBS, and the re-issued EPA Effluent Limitation Guidelines for Construction Sites. Finally, we will be working with the State Water Board to improve the MS4 permit reissuance process.

CASQA will keep its members updated on these and other important issues through its bi-weekly newflash, website, quarterly member meetings and the annual conference.



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