



WESTERN CHAPTER NEWS

INTERNATIONAL EROSION CONTROL ASSOCIATION

Serving Erosion Control Professionals in Arizona, California, Nevada and Hawaii

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SPRING 2011

IECA's "Environmental Heroes" 2011 Orlando Conference Inspires Attendees

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This year I had the privilege to attend the IECA Orlando Environmental Heroes Conference. With an industry that has faced decimating job losses over the past few years, everyone there was embracing change and their attitude was focused on the positive and getting involved in brainstorming ideas to improve upon the recessionary status quo.

It is often said that "adjusting to unexpected changes builds character", and there was character aplenty in Orlando!

Overall, the conference was high on the "take-home value" of the education provided. Examples were a workshop on how to write grants that I attended put on by PMP from Lincoln, NE. This class exposed grant writing broken down to the fundamental components on how to develop clear, concise, and complete proposals. The class on learning the language of polymers, how they work and applications in the field by Seva Iwinski was also very interesting in "when, what, and why" to use polymers.

There were new products with interesting names such as Southeast Environmental Company's Floc-Flap®, or Eco-Pond Rescue's Floctopus®, and last but not least North American Green's Geoskin®.

There were new companies showing for the first time from a variety of industries which normally are not part of IECA's group of exhibitors. Posi-Shell Environmental Coatings which supplies thin fiber reinforced cement mortar coating which adheres to all surfaces. Quikrete, a concrete supplier, was introducing a Burlap SlingBags® and City Sewing Machine representing industrial sewing equipment and supplies.

There was new focus on the TDML regulations on how to test, when to test, and the equipment to use. There were increases in BFM, FFM, dust control and hydro-seeding products and companies.



EC11 attendees browse the manufacturer booths in the exhibitor's hall in Orlando, Florida.

Western Chapter Activity

The Western Chapter meeting was full of great ideas on promoting education, and boosting membership.

Brent Hallock reported 11 Cal Poly students came to the Conference to serve as session moderators and participate in the University Partners program. Brent has 250 students who would be extremely receptive for Chapter recognition in the form of partial discounts, IECA article contributions, etc.

Brent noted he frequently needs guest speakers for his courses and he would like to draw on IECA members. So Chapter members "Let's Get Going!"

Judith Guido mentioned Student Career Days on the Cal Poly Campus. Judith also mentioned doing a Green Summit. Judith puts on a 3-day

See **EC11 Orlando**, Page 2



New Chapter Web Site!

Have you visited the all-new WCIECA.org? The Chapter's new content management system helps make updates more timely and allows for future expansion such as online voting, workshop registration, guest columns, member interaction and more—Check it out today!
www.wcieca.org



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PRESIDENT'S MESSAGE:

Ahead of the Curve or Just Keeping Up?

As I reset the clocks for daylight savings time back in March, I mentally intoned the mnemonic device I learned as a child "Spring forward, Fall behind" to be sure to get it right. To me, this saying is also a reminder to spring forward in our thinking rather than falling behind: to be proactive instead of reactive. The IECA and the Western Chapter are proactive in the areas of informing standards, responding to regulations, and developing new technologies. Admittedly, we are occasionally reactive when new laws are enacted or new regulatory approaches are implemented. Luckily, the diversity of our industry, areas of practice, and association membership helps keep our collective finger on any new pulses. We are seldom caught off guard. I would like to mention a few specific areas where I believe we are ahead of the curve and several where we are just keeping up.

New IECA Regionalization Proposal Approved

Now more than ever our world is smaller and more interdependent. At IECA conferences we have seen a ground swell of participation from Asia, the Pacific, and South America. For more than a decade there has been an earnest discussion about living up to the word "International" in IECA. The IECA's International Development Committee and the IECA Board of Directors have worked particularly hard over the last two years to solicit membership input and articulate proposals for restructuring the IECA into two regions with a shared base constitution but with regional representation and flexibility. Many of you recently voted on-line to indicate whether you "approved" or "did not approve" of the IECA Regionalization Proposal and Constitution for the reorganization of the IECA. The Regionalization proposal was resoundingly approved by 87.72% of those members who voted with 12.28% of the membership indicating that they did not approve.

The transitional details are still in the works, but new structure will basically work as follows:

- ☐ Region I is comprised of the Americas (North, Central, and South America) and Europe and will be administered from Denver, CO.
- ☐ Region II includes Oceania (the Pacific Islands except Hawaii), Australia, China, Malaysia, India, and Africa and will be administered through Australia.
- ☐ Members will pay IECA region and chapter dues to the Region that they are in. This means that for us in Region I everything will remain status quo: Region II members, however, will now be administered through Australia. In the future, when a given Region II chapter such as India or China achieves a certain level of independent function they may elect to become an autonomous region.
- ☐ In essence the IECA name is being branded and franchised for dynamic regional implementation. This gives each region the autonomy, efficiency, and local focus they want while maintaining the mission and upholding the standards of the IECA.



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EC11 Orlando

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event called Green Summit where booths are set up on a college campus. This provides a venue where ecological companies and related interests can talk to students directly for potential careers and general knowledge on erosion and sediment control.

Smaller "Pub Night" mixers have taken place in San Diego, CA to an enthusiastic response by attendees, and similar low-key networking gatherings are planned for in Arizona. Idea is to foster "grass roots" get-togethers of Chapter members to talk about local erosion and sediment issues, regulation updates, new techniques or other related issues. The Chapter is standing by to provide pizza and/or hors d'oeuvres and non-alcoholic beverages to help promote these functions. Furthermore, with the Western Chapter's recently-installed real time website update capabilities we would provide website exposure to encourage and empower members to put on local gatherings.

In conclusion, my experiences at the 2011 IECA Conference caused me to come away from Orlando, FL with optimism "built on character" in spite of unexpected changes and challenges we as an organization face for 2011. My hope is that all the attendees from the conference were provided both with tools to endure these recessionary times and a more educational perspective. For the future, I know this will result in members being better equipped to understand our changing industry climate and to recognize and track trends that can lead to new opportunities and better decisions ahead. ☀



WCIECA Secretary and Manufacturer Liaison Chris Marr accepting on behalf of the Chapter the **Most Improved Chapter** award from IECA President Philip Handley at EC11.

Professional Listings

Kelley Erosion Control, Inc. established in 1983, recognized throughout Nevada and California as a leader in the industry. KEC has an excellent reputation known for quality, competency, solutions, innovative ideas, cutting edge technology, excellence and client satisfaction. Services include: Hydroseeding, site preparation, dust control applications, BMP's, storm water pollution inspection and monitoring, revegetation and project maintenance, site winterization, wetland mitigation, stream channel stabilization, planting and irrigation, mining reclamation, soil stabilizer applications, biotechnical applications, fire restoration/rehabilitation, water quality, turbidity control & pH sampling for SWPPP requirements. Phone (775) 322-7755, Fax (775) 322-6606, Contact - Claudia Chambers, CPESC, CISC at claudia@kelleyerosioncontrol.com. Visit us at www.kelleyerosioncontrol.com.

Marvin E. Davis & Associates, Inc. focuses on the challenging issues of the Tahoe Basin and Northern Nevada/California terrain. Our professionals provide a diverse and solid background in geotechnical engineering; specialized engineering design; erosion control services; construction and forensic inspection services and materials testing; and, regulatory and compliance issues to enable project approval. Phone (775) 853-9100 or visit us at www.mdageotechnical.com.

JL StormWater Consultants, Inc. is a State Certified SBE/DBE/WBE/UDBE Company. www.jlstormwater.com. Jane Ledford, Principal jane@jlstormwater.com or (619) 922.6511. Services include: Environmental Permit Preparation, Processing and Compliance; SWPPP Preparation and Processing; SWPPP Implementation; SWPPP Inspections; SWPPP Training including the newly adopted Construction Storm Water Permit, Trainer of Record for the QSP/QSD classes; Construction Monitoring; Biological Resources Monitoring; Cultural Resources Monitoring; Coordination with Native American Monitors; English-Spanish Translation of Worker Education Materials.

- ☐ There will be a new international IECA Board with representatives from both Regions I and II. Each region will have its own Board of Directors. For Region I, our current Board will continue to be in place.
- ☐ Regions will have their own conferences and there may, in time, be a revolving international conference encompassing both Region I and Region II.

☒ Ahead of the curve ☐ Just keeping up

Water Quality Legislation and Regulation

It seems that the Western Chapter-IECA alternates between being proactive and reactive to proposed changes in water quality protection and regulation. We operate under a shared federal framework, including, among others, the Clean Water Act (CWA) with two basic approaches: 1) "end of pipe" EPA promulgated, technology-based effluent guidelines to remove pollutants from waste streams via National Pollutant Discharge Elimination System (NPDES) permit limits and 2) a water-quality based approach to achieve beneficial uses of water via the 303(d) listing program. Yet each of our member states (Arizona, California, Nevada, and Hawaii) vary in state and local approaches. Hence, discussions between members from different states are anything but simple and straightforward. Even when we concur on common sense approaches with understandable BMP actions, as soon as the conversation encompasses our State and local regulations, laws, and ordinances we lose a measure of common ground. Even within states, the conversation becomes divergent depending on sector and area of practice.

In California, the State Water Resources Control Board has translated federal NPDES guidelines into a patchwork of overlapping requirements reflective of where you are in the State, the population size, and the dominant land uses. Many California members come at erosion control and water quality from the municipal or construction sector within more populated parts of the state and have a keen knowledge of the identification and treatment of urban pollutants. These members tend to be well-versed with: 1) programmatic Phase I or Phase II MS4 compliance and attendant Stormwater Management Plans (SWMPs, URMPs, etc.), 2) the Construction General Construction Permit and the development of project specific Stormwater Pollution Prevention Plans (SWPPPs), and 3) individual 401 Water Quality Certification permits. The Chapter has been proactive with providing input to these approaches, as well as tailoring training to our members to assist them with these compliance pathways.

It seems to me that our Chapter is less effective at providing specific training to subsets of our members in the watershed rehabilitation sector who protect water quality from the approach of Basin Plans, 303(d) listings, Total Maximum Daily Loads (TMDL's) through Waste Discharge Requirements, Prohibitions, and Waivers. The Western Chapter does not provide much training to our forestry, agriculture, grazing, mining, fire protection, and restoration professionals who protect water quality and control erosion as prescribed in the Forest Practice Rules, Surface Mining and Reclamation Act (SMARA), the DFG Salmonoid Restoration Manual, and a host of other regulatory frameworks and guidance manuals.

The IECA as a whole is better at providing training to the depth and breadth of our members. The Western Chapter answers some of the training needs in the fire protection and rehabilitation sector, as well as the stream restoration practice area. In time, I would like to see our Chapter providing training more regularly in some of these other areas of need, beyond the construction and municipal sectors.

☐ Ahead of the curve ☒ Just keeping up

AB 1210

The IECA and the Western Chapter in particular, includes a multitude of civil engineers, geotechnical engineers, hydraulic engineers and other members with other engineering-related specializations and training. Sound engineering is a scientific and



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technical underpinning of our industry's erosion control products and practices. If we are not an engineer ourselves, we "engage and cooperate with other experts and specialists whenever the client's interests would be best served" and "do not give a professional opinion or make a recommendation in the field of erosion and/or sedimentation control outside their area of competence" as per our Code of Ethics. Personally, I like the idea of, and advocate for, the engineers doing the engineering. The question of gravitas remains, "What activities/tasks should be strictly in the purview of professional engineering and what activities are well served by those with other licenses, credentials, and/or certifications common to our industry?" This represents a complex set of questions that cannot be adequately addressed in a paragraph.

Suffice to say that California Assembly Bill 1210 strikes deep into the heart of this issue and is currently being debated on the assembly floor. AB 1210 would require all civil engineering activities performed in the preparation of stormwater pollution prevention plans pursuant to a specified general permit for stormwater discharges to be performed under the responsible charge of a licensed civil engineer.

AB 1210 proponents appear to want SWPPP preparation to be consistent with the Professional Engineers Act (PEA). AB 1210 opponents posit that current SWPPP preparation requirements are already consistent with PEA. Proponents want engineers involved in all aspects of SWPPP development, implementation, and monitoring and opponents argue that only a small portion of SWPPP development requires engineering analysis. Proponents want further clarification of roles; opponents say this law would muddy the clarity already attained by the SWRCB about Qualified SWPPP Developers (QSDs) and Qualified SWPPP Preparers (QSPs).

The Western Chapter is currently collaborating with the IECA to determine if the association will officially provide comments and/or make a recommendation. Individual members are encouraged to learn as much as you can about AB 1210 and participate in the political process to the degree that you are compelled to do so.

☐ Ahead of the curve ☒ Just keeping up

Western Chapter to Host EC12

The Western Chapter is proud to be the host Chapter of EC12 in Las Vegas, Nevada. EC12 is slated for the week of February 26-29, 2012. This is a great time to get involved in the Chapter's conference planning committee. You know where to reach me!

☒ Ahead of the curve ☐ Just keeping up

Don't forget to vote in the July election for Board Directors. Better yet, run yourself!

Your President,

Craig Benson

Craig Benson



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Advertise with WCIECA New Lower Rates for 2011

Did you know that a one-year ad insertion in Western Chapter News also includes placement in the [WCIECA.org](http://www.wcieca.org) *Products & Services Directory* and rotation of your banner ad throughout the Chapter's [WCIECA.org](http://www.wcieca.org) web site?

Rates are now just \$200.00/yr for full color ads and \$100.00/yr for Professional Listings. Custom ad design starts at just \$50.00.

Reserve Your Ad Space Today!

Contact Cyndi Brinkhurst at (530) 272-2407 or westernchapter@gmail.com to reserve.



Western Chapter International Erosion Control Association - WCIECA.org

Western Chapter Scholarship Available!
Applications due June 1

Welcome!

Where should the Western Chapter hold its next technology exchange workshop?

- ☐ Lake Tahoe, CA
- ☐ Reno, NV
- ☐ Death Valley, CA
- ☐ Sonoma County, CA
- ☐ Sedona, AZ
- ☐ San Jose, CA
- ☐ None of the Above

Who's Online
We have 1 guest online

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Cash Incentives to Better Manage Storm Water Pollution Prevention Plans

An interesting proposition is being tossed around by project owners on how to manage their storm water programs: cash incentives. I have heard of incentive programs in the past, mostly by municipalities in the North East and the North West. Those programs base incentives around fee discounts, zoning exceptions, expedited permitting, tax credits, and grant awards. What is being proposed here in Arizona is a little different.

Background

As in most states, Arizona's Construction General Permit requires multiple operators to be responsible for stormwater on a construction site depending on the owner's involvement and the contractor's ability to control changes. Typically, both the contractor and the owner file separate Notices of Intent and then jointly administer a Storm Water Pollution Prevention Plan (SWPPP). With joint inspections, both the contractor's and owner's representatives agree to modifications or changes based on Best Management Practices (BMP's) or to the SWPPP. If the process is working as designed, keeping the site protected, correcting actions, and updating the SWPPP can be very effective. The process breaks down when egos get involved and when the owner's representative thinks they know more about storm water prevention than the contractor's representative, or vice-versa. Often, decisions are unfortunately based on emotions and with little consideration of what is best for the contractor and the owner. With new technology evolving every day, especially in the area of structural and non-structural BMP's, there are multiple ways to handle perceived deficiency issues that are discovered and still be cost effective to the owner while not impeding the contractor's progress.

The Concept

The scenario being proposed here in Arizona is a dollar payout incentive, paid for by the project owner, based on scores achieved based on a third party inspection. The evaluation period would include inspections once every two weeks (bi-monthly) performed by an independent erosion and pollution control evaluator. The independent evaluator would not allow items to be corrected during or after the inspection for the purpose of improving the scores/incentive. The final average score would be used to determine the incentive/disincentive payment. Accordingly, a bi-monthly payment to the contractor would be applied based on the mathematical average of a minimum of two different inspection checklists. The payout amount would increase commensurate with the scores given by the third party inspector. The range in the payouts being discussed range from zero up to \$100,000 per project per month but a disincentive is not being discussed for failing evaluations.

Some Areas of Concern

Many of us in the industry know that any two storm water inspectors can perform independent inspections and come up with two totally different inspection reports and conclusions. The owner is requesting five years of erosion control experience and registration as either a Registered Landscape Architect (RLA) or a Professional Civil Engineer (PE). That is definitely at a level much higher than seen previously in



Bobby Lall

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Time to Get Involved!

Each year in July three of nine Western Chapter Board full-term (3 year) Director positions are up for election. This is one of the most fulfilling ways to increase your involvement in, and broaden your impact on, our industry.

The Board is seeking individuals to continue to implement a forward-looking vision for the Western Chapter through Directorship. Key responsibilities for the Directors include managing and administering the Chapter as a not-for-profit corporation, creating educational opportunities for the Chapter members, helping the Chapter and IECA grow, and responding to member questions and concerns. The time commitment includes quarterly meetings and subcommittee work totaling 5-10 hrs per month.

If you have been an active Western Chapter member for at least one year, currently reside in one of the Western Chapter's member states (California, Arizona, Nevada, or Hawaii) and are ready to be more involved, this is your chance! We are especially interested in increasing Board and committee representation from our Hawaii and Nevada members! Please consider nominating a qualified person or running for a Director position yourself. **Please send in nominations by Friday, June 24, 2011** OR submit a self-nomination and a Candidate statement (a 200-word, electronically formatted, description of yourself and an explanation as to why you want to serve on the Western Chapter Board of Directors) to Cyndi Brinkhurst, Administrative Assistant at: westernchapter@gmail.com or fax: (530) 231-6181.

Candidacy statements are due by Friday, July 1, 2011. If you have any questions about serving on the Board or about your eligibility, please contact a current Director; contact information is on the WCIECA web site at: www.wcieca.org.

We have worked hard to update our electronic database and this year we will institute on-line voting through our website! No more mailing or faxing ballots. If you have recently changed your e-mail address let us know at westernchapter@gmail.com. **Candidacy statements and ballots will be available at www.wcieca.org starting on July 8, 2011 and elections will close on July 22.** We will send you an e-mail reminder to vote. ☺

See **Cash Incentives**, Page 6

Cash Incentives

Cont'd from Page 5

Arizona but still doesn't alleviate the amount of gray area that still remains regarding interpretation of regulations.

At the same time, should the contractor be given such a huge incentive for something that they should be doing anyway? By signing and submitting a NOI, they are certifying that they will do all that is required in the permit and by law.

Conclusion

This article was not written to provide any sort of definitive conclusion regarding the proposed incentives currently being discussed here in Arizona, but rather to solicit feedback from professionals who are currently working with these types of incentive programs and might have useful insights to help the process along. How have they been working?

I would greatly appreciate your feedback input which can be sent to me at bobbylall@stormwaterplans.com. Stay tuned to future "Contractors' Corner" columns for updates as this cash incentive proposal is developed. ☺

Call for Articles

Do you have a technical article, regulatory update or event announcement you'd like to share with your fellow members? Possibly a profile write-up on a fellow Chapter member who is quietly implementing imaginative erosion control practices out of the mainstream eye?

Forward them to Cyndi Brinkhurst, WCIECA Administrative Assistant at westernchapter@gmail.com and we'll publish them in the next issue of *Western Chapter News*!

Training Courses, Exam Reviews and Exam Dates

Trainings Offered by CISEC

For one and one-half day construction site inspector training modules on sediment and erosion control. Visit www.cisecinc.org/id22.html

Trainings Offered by EnviroCert

EnviroCert International provides oversight and direction for the CPESC, CESSWI, CPSWQ, CMS4S certification programs. Phone: (828) 655-1600 Email: david@envirocertintl.org. See www.envirocertintl.org

The 2009-0009-DWQ Construction General Permit (CGP) requires that Qualified SWPPP Developers (QSDs) and Qualified SWPPP Practitioners (QSPs) attend a State Water Board Sponsored Training Course by September 2, 2011. In accordance with these requirements, the State Water Board has approved of CASQA's QSD/QSP training course and a schedule of these courses is being provided by CASQA's approved Trainers of Record. The State and Regional Water Boards will offer and proctor the QSD/QSP exams.

Trainings Offered by CASQA-qualified Trainers of Record

California Construction General Permit QSD and QSP Training Courses provided by CASQA-qualified CGP Trainers of Record (CGP-ToR). This training must be completed by professionals developing SWPPPs (QSDs) or professionals implementing SWPPPs (QSPs) under the CA construction general permit by September 2, 2011. Click on the following link for a calendar of the planned QSD/QSP trainings being offered in CA.

www.casqa.org/TrainingandEducation/ConstructionGeneralPermitTraining/CPGTrainingforQSDandQSP/tabid/208/Default.aspx

Exams Offered by the California Water Boards - CGP Qualified SWPPP Developer (QSD)/ Qualified SWPPP Practitioner (QSP) Exams

The State and Regional Water Boards will offer and proctor the QSD/QSP exams. See the calendars at www.trainingforce.com/5/lp/gowater.aspx?ot=8&otid=333. The exams are administered separately from the courses. There are several exams each month, in various parts of the state at the Water Board offices. Contact the Storm Water Help Desk at 1-866-563-3107.

IECA eLearning Online Webinars

IECA eLearning Online Webinars usually are one hour in length and credit attendees 1 Professional Development Hour. See ieca.crhosts.com/course/category.php?id=32 for more details on the following pre-recorded webinars:

- | | |
|--|---|
| <input checked="" type="checkbox"/> A Comprehensive Stormwater Compliance and Inspection Training for Construction Sites | <input checked="" type="checkbox"/> Elements of Construction Site Stormwater Management |
| <input checked="" type="checkbox"/> How to Write and Implement a Storm Water Pollution Prevention Plan | <input checked="" type="checkbox"/> Types of Erosion Processes |
| <input checked="" type="checkbox"/> Ground Control: Stormwater Pollution for Construction Sites | <input checked="" type="checkbox"/> Effluent Guidelines-Insights into Compliance with EPA's New Turbidity Standards (Jesse Pritts at EC10). Free of charge. |
| <input checked="" type="checkbox"/> Basics of Revegetation For Erosion and Sediment Control | <input checked="" type="checkbox"/> Field Sampling and Analysis for Turbidity |
| <input checked="" type="checkbox"/> Plan Review, Inspection and Enforcement from a Regulatory Perspective | <input checked="" type="checkbox"/> How to Write and Implement a SWPPP - Stormwater Pollution Prevention Plan - to meet NPDES Requirements |
| <input checked="" type="checkbox"/> Top 10 Misunderstood Elements in Construction Stormwater Compliance | <input checked="" type="checkbox"/> Illicit Discharge |
| <input checked="" type="checkbox"/> Construction Inspection Techniques That Really Work! | <input checked="" type="checkbox"/> Water Harvesting |

Members Encouraged to Put On Regional Mixers

Why have this function? It is a fantastic opportunity to network with Chapter members and others in the 'trade' to discuss current issues in a relaxed and informal atmosphere. Talk about local erosion and sediment issues, regulation updates, new techniques or other related issues. Brainstorm on what we aspire to be doing for the benefit of mankind during this Anthropocene (the Age of Human Impact) geologic time.

How to host?

- ☐ Decide on the Type of Event:
- ☐ Pick a Venue and Location:
- ☐ Volunteer Recruitment: Find people to help.
- ☐ Guest Speaker: Will you have a guest speaker? Are audio visuals needed? Note: this may change the type of venue.
- ☐ Date:
- ☐ Time:
- ☐ Advertise: Get list of WC members, non-members and potential attendees for the area. Cyndi can help with support on this.
- ☐ Budget: Reimbursable costs of \$50 for 5-10 attendees, \$100 for 10-20 attendees for snacks and non-alcoholic beverages. If reimbursement for snacks and non-alcoholic beverages is being contemplated, a Board member should either attend or be notified prior to the event.
 - Food: Consider economical food like finger foods or pizza
 - Beverage: Attendees to pay their own bar tab.
- ☐ At Event:
 - Have designated greeter(s) if possible.
 - Send around a sheet to reconnect with people for the next event or to start a social network.
- ☐ Follow up:
 - Send thank you's and invitations to next function.
 - Submit receipts to WCIECA Treasurer with the form obtained from the Board Member.

First WC-IECA San Diego Mixer

The first WC-IECA San Diego mixer was held at the Admiral Baker Club House on April 29, 2010. By the accounts of those that attended it was a fantastic opportunity to network with other Chapter members and to discuss current issues in a relaxed and informal atmosphere. The Admiral Baker Club House overlooks the wetlands adjacent to the 1st tee box for the North Course and the 18th green for the South Course. The drinks and hors d'oeuvres were enjoyable as we watched the sun set over the course.

There was lively discussion regarding events, workshops and training classes you might like the WC-IECA to sponsor in the coming months to better prepare members as the industry re-emerges from the current economic downturn. One of the major items discussed was the new General Construction Permit that takes effect on July 1st, which will have a significant impact on storm water management.

Overall, this was a great opportunity to meet people from other companies with diverse skills and experience...and a chance to promote your own business. We look forward to seeing more current chapter members as well as past and potential new members at our next mixer. Please mark your calendars and join us on **Thursday, July 21st** in San Diego — see *Upcoming Events* on this page for more details. ☘

Upcoming Events

June 22 (Santa Rosa, CA) *Russian River Watershed Association (RRWA) Certified Professional in Erosion and Sediment Control (CPESC) training*. The training is followed by Certification Testing on Tuesday, June 28, 2011. City of Santa Rosa Utilities Field Operations Center, 35 Stony Point Road, Santa Rosa. www.rrwatershed.org/stormwater.html

June 24 (WCIECA.org) *2011 Board of Directors Nominations Due*. For more information see the *Time to Get Involved* article in this newsletter, or visit www.wcieca.org

July 1 (WCIECA.org) *2011 Board of Directors Candidate Statements Due*. For more information see *Time to Get Involved* in this newsletter, or visit www.wcieca.org

July 8 - 22 (WCIECA.org) *2011 Board of Directors Election*. Submit your vote online at www.wcieca.org

July 21 (San Diego, CA) *Western Chapter International Erosion Control Association Mixer*, Admiral Baker Clubhouse at 2400 Admiral Baker Road, San Diego, CA 92120. Bring a friend. This is a great time to discuss issues and meet others in our organization. Stop by between 5:30 - 7:30 PM. Please RSVP to Jane Ledford by emailing jane@jlstormwater.com

July 29 - 30 (Blue Lake, CA) *Mad River Watershed Symposium*. The Mad River Watershed Assessment and Mad River Sediment and Turbidity TMDL Compliance Plan will be presented at this symposium. 8:30 a.m. - 5 p.m, Blue Lake Rancheria Casino & Hotel, Blue Lake California. www.nrsrcaa.org

August 8 - 9 (Los Angeles, CA) *National Ground Water Association Conference: Groundwater: Cities, Suburbs, and Growth Areas – Remedying the Past/Managing for the Future*. ag.arizona.edu/AZWATER/programs/conf2011/reg.html

August 21 - 24 (San Diego, CA) *American Society of Civil Engineers, Coastal Engineering Practice Conference: Engineering Sustainable Coastal Development*. Sheraton San Diego Hotel & Marina. content.asce.org/conferences/copricoastal2011/

Information is “Winning!”

Maricopa County Dust Abatement Handbook and Field Guide Earn Honors for Environmental Excellence

Stormwater erosion is only one component of the pollution inventory in Maricopa County, Arizona’s greater Phoenix Metropolitan Area. Dust emitted from unstable or disturbed dirt surfaces (fugitive dust), particularly dust generated from construction operations, has become one of Maricopa County’s largest sources of air pollution. As a result, reducing fugitive dust has become a high priority for the Maricopa County Air Quality Department, which is responsible for enforcing the County’s air quality regulations.



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The section of the law most applicable to construction is Rule 310 (Control of Fugitive Dust from Dust-Generating Operations). As the department’s Rule 310 was strengthened, the possibility of facing significant penalties for non-compliance raised concerns in the construction industry that better guidance was needed to turn the regulatory language of the rule into something more easily understood in the field.

In response, the Department took an “involve, educate, and guide” approach to helping improve compliance by developing what has become an award-winning Dust Abatement Handbook, an illustrated, comprehensive guide that explains Rule 310 requirements in laymen’s terms and provides hands-on methods for controlling dust.

The Department contracted Logan Simpson Design Inc. (LSD) to help develop the Dust Abatement Handbook and the associated Dust Abatement Field Guide for the Construction Industry. The Field Guide is a brief, illustrated “back-pocket” tool that describes common situations when fugitive dust may be generated and provides real-world methods for how to control it on the jobsite. Both documents were developed based on public input and with the assistance of a stakeholder working group that included home-builders, contractors, environmental lawyers, the Home Builders Association of Central Arizona, and County air quality inspectors.

The Handbook can be used to answer almost every question about air quality dust control regulations, including the permit application process and how to properly handle a notice of violation. It also includes live web links to all approved air quality forms.

LSD used a variety of design techniques to reinforce key information in the text. Graphics were used to illustrate important concepts and highlight helpful hints for compliance. Dense regulatory language was simplified into easy-to-understand text accessible to readers of all capabilities.



Dust Abatement Handbook and Field Guide Sample pages.



Accepting the 2011 NAEP National Environmental Excellence Award, (at right) Dennis Dickerson, Ombudsman – Maricopa County Air Quality Department and Kevin Boesch, CPESC – Logan Simpson Design Inc.

The Handbook and Field Guide on the Department’s website are considered “living” documents and are updated as regulations change. PDF versions of the Handbook and Field Guide can be accessed at www.maricopa.gov/aq/divisions/compliance/dust/Resources.aspx#Handbook_Guide

The Department’s collaborative approach to developing the Handbook and Field Guide has resulted in a better understanding of how to comply with Rule 310 and a noticeable change in perception for the better between the construction industry and the department.

The project has earned recognition from the Environmental Protection Agency (EPA); National Association of Environmental Professionals (NAEP); and Valley Forward Association for its ability to communicate environmental education effectively, including the 2011 NAEP National Environmental Excellence Award, the 2010 EPA Clean Air Excellence Award, and a 2010 Award of Merit for Environmental Excellence from Valley Forward, an Arizona-based environmental organization. 🌱