

Storm Water Education Shouldn't Be **BIG BUSINESS**

Storm Water Awareness Week 2016
Special Edition

Everyone likes to get something for free! But, you probably have also heard the old adage “you get what you pay for”. However, this is not always the case, sometimes free things are not only “without a price” but are also “priceless”. For example, freedom in this great Country of ours is not something that we have to pay for, but it does come at a high cost. Similarly, the education opportunities offered during Storm Water Awareness Week are free as described by one of the event’s core values - “no money changes hands – anywhere!”. But make no mistake about it, the workshops being given take time, effort, and expenses donated by the persons and organizations offering them. Why do they do it? What’s in it for them? In this edition of **The Rain Events**, we turn our attention to **Storm Water Awareness Week**. We will explore this annual event that started 5 years ago and learn more about why storm water education shouldn’t be big business.

How it All Started – Storm Water Awareness Week was birthed in 2012 at the end of the recession. You may remember that it had been only a couple of years since the release of the new Construction General Permit; the draft of the new Phase II MS4 Permit was going through the public review process; and there was talk of a new Industrial General Permit to be released in the near future. All of these permits required training. Yet, in talking with staff from municipalities, construction companies, and industrial facilities very few had budgets to get the training they needed. It was out of the question to send staff to one of the large national, regional, or state-wide storm water conferences. Not only did these programs cost hundreds, if not thousands, of dollars in admission fees, airfare, lodging, and per diem; but many of these conferences were held in resort communities. Because of past bad publicity due to spending or ethical abuses of public employees at resorts, many municipalities had instituted policies against sending employees on any business trips to resort destinations. All of this meant, that there needed to be a new way to get storm water education. And, with no training budgets and limited options, the education had to be free.

An Idea is Born – A few storm water professionals saw the dilemma that many of these budget-strapped organizations were in and decided to put on a week of free educational workshops. During the first event in 2012, which was held in Central and Northern California, 10 storm water organizations hosted 20 workshops that were attended by more than 250 registrants. So many inquiries and requests were received from Southern California entities, that the organizers decided to open the event up to the entire State in 2013. Since then, the event has continued to grow. During the 2015 Storm Water Awareness Week more than 1,700

registrants signed up for the 70 workshops being offered from San Diego to Redding, and from the Bay Area to South Lake Tahoe. This year, there are already 50 workshops being offered – with new ones being added every week leading up to the event. Plus, there are six workshops that will be hosted online through webinar or video – which means you can attend a workshop no matter where you are located in the State.

Quality Education – Although the workshops are free, they are still quality learning opportunities. Many of the workshops are being taught by some of the State’s leading storm water professionals including QSPs, QSDs, QISPs, and Trainers of Record. The presentations are designed to be a learning experience. Storm Water Awareness Week does not allow “infomercials”. The policy for presenters is to limit self-promotion to 5 minutes and give 55 minutes to education. Another core value of the organizers is to make the education “practical” where you can touch and feel the BMP or talk to the person who implements it on a daily basis. Presenters are encouraged to get creative with their venues. Past classes have been held at industrial facilities, on construction sites, at a Home Depot, in laboratories, at water treatment facilities, in parks, at the river, and many other locations. Check out the list of workshops for this year - it is no exception!

Why Do They Do It? – The answer is simple - to meet people. Although you may not have money for training, there may come a time when you or your organization needs the services, products, or expertise of those giving the classes. Relationships built during a Storm Water Awareness Week workshop often turn into a business opportunity at a later date; which demonstrates that “free” makes for good business. ☔

This Year's Theme

"Going Deeper" is the theme of the 2016 Storm Water Awareness Week. By that we mean that we want to explore the cause and effect relationship between our actions and water quality in the context of municipalities, construction sites, industrial facilities, or the watershed as a whole. We have workshops that will help you "connect the dots" between behavior and actions and the health of the watershed. Check out this year's thought provoking promo video:



2016 SWAW Partner

Storm Water Awareness Week is excited to have SeaWorld San Diego as a non-monetary sponsor and partner for this year's event.

SeaWorld is obviously committed to clean water and protecting the environment. Their marine mammals and fish depend upon habitats that are free of pathogens and toxic substances. Storm water runoff is not only something that could affect their resident mammals and fish, but the San Diego park itself has to be careful about correctly managing its own discharges. Their staff (aka ambassadors) are trained to implement BMPs appropriate to their job functions. When the park closes for the day, the cleaning and maintenance begins to make sure that water quality is at its highest possible level.

SeaWorld invited WGR Southwest, Inc. to shoot three documentaries that will premiere during this year's week of programming. The first video will be shown as Keynote Session #1 and is about the water treatment systems that SeaWorld operates for its water intake, habitats, and the NPDES-permitted water discharge. Keynote Session #2 is titled Water Pollution's Silent Victims and features the work of the SeaWorld Rescue team. This video will help make the connection between urban runoff and sick or injured marine mammals. Keynote Session #3 delves deeper into the subject by interviewing Dr. Pam Yochem of the Hubbs SeaWorld Research Institute who will talk about her studies relating parasites from domestic cats to threatened sea otter and Hawaiian Monk Seal populations.

SeaWorld has also graciously donated four single-day pass tickets to their San Diego theme park - a value of over \$350. This pack of four tickets will be given away to one workshop registrant via a random drawing. Register at www.StormWaterAwareness.org for one of the online keynote sessions or one of the many live in-person workshops being offered throughout California. The more classes you register for - the greater your chances of winning. No purchase is necessary. Some blackout dates apply to the tickets. Tickets are valid through 8/31/2017 and must be used at SeaWorld San Diego. The winner will be announced on the website on Friday, September 30 at 12 Noon.

"To Do List" for September

- ☁ Perform the September monthly non-storm water and BMP status inspection.
- ☁ If you exceeded NALs, find a QISP to handle the mandated training and Level 1 ERA evaluation. The evaluation must be completed by October 1, 2016.
- ☁ Get your sampling kit ready and coordinate with the environmental testing laboratory.

Join the Movement

Storm Water Awareness Week is a grass roots movement started by professionals and organizations just like you. It is the storm water industry educating itself and we depend upon people like you to give workshops. It is not too late to sign up to host a workshop. CPESCs, CESSWIs, and CISECs can earn PDHs by giving a workshop. MS4s can get education and outreach credit for their programs. Industrial facilities can team up to meet ERA Level 1 training requirements. But it only works if you get involved. Storm Water Awareness Week relies on the participation of the storm water community. If we are going to make a difference in storm water education, we need your help! Click [here](#) to learn more or to sign up to give a workshop.



A favorite part of each year's event has been the promo video. Click the link to the right for a compilation of all 5 videos. Mike Lewis is our annual spokesperson. How far we have come! We had fun making them.



Please contact us if you have any questions ...

The Rain Events

Newsletter Editor: **John Teravskis**
QSP/QSD, QISP, CPESC, ToR, IGPTT Participant
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(209) 334-5363 ext. 110 or (209) 649-0877

Technical Questions about Environmental Compliance?

Call ...

Aaron Ortiz, QISP, ToR, aortiz@wgr-sw.com
(209) 334-5363 ext. 114

Chelsea Dreyer, QISP cdreyer@wgr-sw.com
(562) 799-8510 ext. 1003

Storm Water
AWARENESS
Week

★ SEPTEMBER 26-30, 2016 ★



INTRODUCING THIS YEAR'S STORM WATER QUALITY PARTNER



SeaWorld
San Diego

DON'T MISS THE SEAWORLD
KEYNOTE SESSIONS - AND A CHANCE
TO WIN FREE TICKETS!

SAVE THE DATE!

DOWNLOAD THE EXCLUSIVE
POSTER ART AT
STORMWATERAWARENESS.ORG

EARN PROFESSIONAL DEVELOPMENT UNITS ★ *Free of Charge* ★ WWW.STORMWATERAWARENESS.ORG

**Free Industrial Workshops
at
WGR's Lodi and Orange Training Centers**

Lodi, CA

Title	Description	Date / Time
to Identify Your Facility's Watershed, 303d listed items, and TMDLs	A requirement for SWPPPs and monitoring programs is to know which watershed your facility discharges to and what impairments and TMDLs are associated with that watershed. It can be somewhat tricky to identify the correct receiving water and watershed for your facility. It is also a bit of a chore to correctly identify the impairments from the State's 303d and TMDLs lists that apply to your facility. WGR's Aaron Ortiz, a QISP and ToR, will show tools and techniques to help make this process simpler. He will also demonstrate the State Water Board's latest online GIS tool. The presentation will be held in WGR's Training Center in Lodi, California.	09/28/2016 - 08:30 AM
Famous Pitchers and Your Storm Water Program - What Do They Have in Common?	Low ERAs! Are you starting this season at ERA Level 1? Come learn about how to lower your facility's ERA back to baseline. WGR's Aaron Ortiz (QISP and ToR) will not only talk about great Major League Baseball pitchers, but also address what is required of ERA Level 1 and what needs to go into the ERA Level 1 evaluation that is due on October 1. The presentation will be held in WGR's Training Center in Lodi, California.	09/28/2016 - 09:45 AM
Getting the Most Out of Your Laboratory	Did you know that you can no longer composite samples in the field? In the new Industrial General Permit, it is really important to partner with a dependable analytical laboratory. The Permit gives them a much bigger role than in the past. WGR's John Teravskis (QISP and ToR) will team up with McCampbell Analytical Inc. to talk about Permit-required sampling, the various sampling techniques allowed by the Industrial General Permit, and how to develop an effective relationship with your laboratory. We will help you identify the parameters for which your facility needs to test. Bring your analytical questions with you for a Q&A time. The presentation will be held in WGR's Training Center in Lodi, CA.	09/28/2016 - 11:00 AM
Annual BMP Training for Facility Operators	Does your crew need annual training about BMPs? Do you want to get it for free? WGR's Aaron Ortiz (QISP and ToR) will be providing a class on mandatory BMPs and the elements of a good pollution prevention program. Don't delay in signing up for this class, it fills up every year and the number of attendees is limited. The presentation will be held in WGR's Training Center in Lodi, California where we will use our facility and warehouse as a simulated industrial facility to aid in the learning process.	09/28/2016 - 12:30 PM
Annual Training for Industrial Inspectors and Samplers	Does your inspection and sampling crew need annual training? Do you want to get it for free? WGR's Aaron Ortiz (QISP and ToR) will be providing a class on how to perform the Permit-required inspections and sampling. Don't delay in signing up for this class, it fills up every year and the number of attendees is limited. The presentation will be held in WGR's Training Center in Lodi, California where we will use our facility and warehouse as a simulated industrial facility to aid in the learning process.	09/28/2016 - 01:45 PM

Stay for all 5 Lodi workshops. There will be a free hot dog lunch at 12 Noon.

Orange, CA

Title	Description	Date / Time
Yards: Everything you need to know about the Industrial General Permit	WGR Southwest's Storm Water Team (QISPs) will discuss who needs to be covered and why (industrial activities, primary and secondary SIC codes, industrial exposure and storm water); applying for IGP coverage and costs (application costs and typical internal / external storm water management costs); components of storm water management (Storm Water Pollution Prevention Plan, Monitoring Implementation Plan, Best Management Practices, reporting and record keeping); caveats to Industrial General Permit coverage and who qualifies (No Exposure Certification and Notice of Non-Applicability); special conditions of coverage (Effluent Limitation Guideline and Plastics); liability and penalties; terminating Industrial General Permit coverage. Certification of completion will be provided.	09/28/2016 - 09:00 AM
Don't Go Overboard: Strategic Storm Water Sampling	WGR Southwest's Storm Water Team (QISPs) will present storm water training and who needs it; determining your facility's sample points; what to sample for (receiving water impairments, potential pollutants, SIC code); sampling procedures and sample management (proper collection techniques, bottles and preservatives, Chain of Custody, laboratories); reading a lab report; reporting and certifying analyticals on SMARTS; Q & A. Certification of completion will be provided.	09/28/2016 - 12:30 PM
Weathering the Storm: How to Deal with Numeric Level Exceedances	WGR Southwest Storm Water Team (QISPs) will present what it means to be Level 1 (employing a Qualified Industrial Storm Water Practitioner, Level 1 ERA Evaluation and Report, Best Management Practices implementation); dealing with Level 1 status with typical sampling parameters (metals, pH, Total Suspended Solids, Oil & Grease) and common examples of non-compliance; public records and how they can affect you (SMARTS data pull demonstration, exposure and liability); returning to Baseline; advancing to Level 2; what it means to be Level 2 (Level 2 ERA Action Plan, Level 2 Technical Report, BMP implementation); Q & A. Certification of completion will be provided.	09/28/2016 - 02:30 PM

Register at www.StormWaterAwareness.org



Going deeper.
STORM WATER AWARENESS WEEK

**SEPTEMBER
26-30
2016**

Stormwater Professional Development Networkshop

October 12, 2016; 10am-4pm

FREE, Lunch Included

Location: Maidu Community Center (Reception Hall)
1550 Maidu Drive, Roseville, CA 9566



Adverse environmental impacts can be treated through a growing suite of compost-based practices that lean on organic processes discovered by nature long ago. Attend this seminar and demonstration to learn more about these practices.

For more information and to register, contact **David Franklin**, david.franklin@filtrexx.com, 415-301-1848. Please Register by October 3, 2016.

Presented by:



Time	Topic	Speaker
9:30 AM - 10:00 AM	Registration & Sign In	
10:00 AM - 10:10 AM	Introduction/Welcome	City of Roseville Stormwater Management Program
10:10 AM - 10:20 AM	Announcement: Adoption of Roseville's New LID Manual	City of Roseville Development Services
10:25 AM - 11:00 AM	LID with a New Twist, <i>Connecting the Dots Between Municipal, State and Global Environmental Objectives</i>	Craig Kolodge, Ph.D.
11:00 AM - 12:00 PM	Living Walls, <i>Every Designer's Green Dream</i>	Mark Woolbright
12:00 PM-12:30 PM	Lunch	
12:30 PM - 1:45 PM	Principles of Temporary Erosion and Sediment Control BMPs, <i>Stormwater Pollution Prevention for Construction, Municipal and Industrial Operations</i>	David Franklin, QSD/QISP
1:45 PM - 2:30 PM	Caltrans' Experience with Compost BMP's, <i>The Hwy 101 Prunedale Interchange Project</i>	David Franklin, QSD/QISP
2:30 PM - 2:50 PM	Roseville Tailgate, <i>Specifics of Roseville BMP requirements for Construction</i>	City of Roseville Development Services
2:50 PM - 3:00 PM	General Questions/Closing	City of Roseville Development Services
3:00 PM - 4:00 PM	Onsite Demonstration, <i>BMP Field Setup & Certificates of Attendance</i>	David Franklin, QSD/QISP



Stormwater Professional Development Networkshop

October 6, 2016; 10am-4:00pm

FREE, Lunch Included

Location: Salinas City Hall Rotunda
200 Lincoln Ave, Salinas, CA 93902



Adverse environmental impacts can be treated through a growing suite of compost-based practices that lean on organic processes discovered by nature long ago. Attend this seminar and demonstration to learn more about these practices.

For more information and to register, contact [David Franklin, david.franklin@filtrexx.com, 415-301-1848](mailto:david.franklin@filtrexx.com).
Please Register by September 30, 2016.

Presented by:



Time	Topic	Speaker
9:30 AM - 10:00 AM	Registration & Sign In	
10:00 AM - 10:10 AM	Introduction/Welcome	City of Salinas Stormwater Management Program
10:15 AM - 10:55 AM	LID with a New Twist, <i>Connecting the Dots Between Municipal, State and Global Environmental Objectives</i>	Craig Kolodge, Ph.D.
11:00 AM - 12:00 PM	Living Walls: Every Designer's Green Dream, <i>Engineered walls, slopes and fences that grow and achieve design objectives</i>	Mark Woolbright
12:00 PM-12:30 PM	Lunch	
12:30 PM - 1:30 PM	Principles of Temporary Erosion and Sediment Control BMPs, <i>How and why BMPs work or fail</i>	David Franklin, ToR
1:35 PM - 2:30 PM	Caltrans' Experience with Compost BMP's, <i>The Hwy 101 Prunedale Interchange Project</i>	David Franklin, ToR
2:30 PM - 3:00 PM	BMPs on the Ground, <i>optional field layout of BMPs</i>	David Franklin, ToR
3:00 PM - 4:00 PM	Jobsite Walk, Salinas CIP, <i>optional</i>	David Franklin, ToR/City Inspector



PRODUCT SPOTLIGHT

Our **D-Watering Bags** are effective devices for separating sediment from pumped water. Made from heavyweight, non-woven geotextile fabric, **D-Watering Bags** are a snap for filtering solids and sediments out of your water. The input sleeve is designed to accommodate several hose diameters. Securing the bag to a hose is quick and easy, using the heavy-duty webbing and d-rings that are sewn to the sleeve. To maintain uniform integrity, each **D-Watering Bag** is sewn with a 4-thread lockstitch hem, and an additional perimeter lockstitch sewn with high strength, marine-rated poly thread.

D-Watering Bags are available in three sizes: 3'x4', 4'x6', and 6'x9'.

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- Material: 8-ounce non-woven geotextile
- Strapping: Weather-resistant 2" polypropylene webbing
- Available Sizes: 3'x4', 4'x6', 6'x9'

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Storm Water Contest...

Each month, we invite our readers to participate in a contest to test their knowledge of the Industrial General Permit and their storm water compliance program. We enter all submittals to our monthly newsletter question into a drawing, and one person is selected at random to receive a \$25 gift card. Last month's question was:

By what date must the Level 1 ERA evaluation be performed?

Great job, Larry Eshelman, you are correct! The answer is **by October 1st of the storm water year following the reporting year during which the NAL exceedance occurred.** The Level 1 ERA Report must be filed by January 1st.

Larry wins \$25 to Panera Bread!

This Month's Contest Question:

What is the closest Storm Water Awareness Week workshop to your location?

By October 10, 2016, submit your response to the above question by sending an email to jteravskis@wgr-sw.com. All persons submitting the correct answer will be placed in a drawing. The winner will receive a \$25 gift cart to Rubio's Coastal Grill.



SAVE THE DATE!

QISP TRAINING CLASS

TUESDAY OCTOBER 18, 2016 (8:00 AM - 4:30 PM)

ONLY
\$250

MEET THE TRAINERS



JOHN TERAUSKIS

ToR, QISP, CPESC, QSD/QSP

John is WGR's lead trainer for many different storm water-related classes, and is a part of the Industrial General Permit Training Team, a collaboration that assisted the State with developing the QISP training program.



AARON ORTIZ

ToR, QISP

Aaron is WGR's in-house expert on the Industrial General Permit, and one of the senior editors of The Rain Events. Aaron has extensive experience with storm water training, and also assisted with the Industrial General Permit Training Team.

In order to take this one-day training class, each QISP candidate will need to register for and complete the state-approved online QISP training course from CASQA. To take this course, visit the QISP page on CASQA's website:

<https://www.casqa.org/resources/qisp-qualification>

RESERVE YOUR PLACE NOW!

REGISTER ONLINE AT

www.gotswppp.com/QISP

LOCATED AT

WGR SOUTHWEST, INC.

11780 N HWY 99, LODI CA 95240