



Water Matters

News for the
Orange County
Water Community

AUGUST, 2017



Santiago Creek Dam to be Safety Tested

93 Dams Statewide will be Required to Conduct Spillway Assessment

Santiago Creek Dam is jointly owned by the Irvine Ranch Water District and Serrano Water District. The districts were recently notified by the California Division of Safety of Dams (DSOD) that the Santiago Creek Dam has been added to a list of 93 dams statewide that will be required to conduct an extra spillway assessment in addition to the ongoing yearly inspection program. Dam owners are required to submit a work plan to accomplish the spillway assessment for DSOD review and approval by September 1, 2017.

The recently established DSOD Evaluation Program is an ongoing screening process of spillways and other appurtenances at dams starting with the largest dams throughout the state. The DSOD will work with dam owners to expedite the development of the required assessments and restore any known areas of deficiency. The water districts inspect the dam and spillway quarterly with a dam safety consultant and bi-annually with the DSOD. The DSOD required evaluation includes the assessment of:

- The spillway's design and construction and geologic attributes while concurrently reviewing the dam owner's maintenance and inspection program
- The spillway's historical performance
- Any previous spillway repairs

Grant funding is available to conduct the assessments. IRWD and Serrano Water District have submitted a Notice of Interest for a Hazard Mitigation Planning Grant from the California Office of Emergency Services. Under the planning grant, the federal fund share is 75% of costs and is capped at \$250,000 for multi-jurisdictional assessments like IRWD and Serrano Water District. If the Notice of Interest is deemed eligible, IRWD and Serrano will be invited to submit an application.

To learn more about dam inspection programs, please visit [this page](#) on the IRWD website.



Robert Glennon to Deliver Keynote at 2017 Clarke Prize Conference

University of Arizona Professor and award-winning author Robert Glennon will deliver the keynote address, "Our Future in a Warming, Water-Stressed World," during the 2017 NWRI Clarke Prize Conference on October 20, 2017, in Irvine, California.

Glennon's keynote presentation will address water sustainability issues from a global standpoint before focusing on challenges facing the United States, as well as possible solutions. He will use real-world examples, like the Oroville Dam spillway and the Flint water crisis, to illustrate why the nation's water and wastewater infrastructure should be updated to adapt to unpredictable climate conditions that may worsen with climate change.

Glennon's keynote is one highlight of the 2017 Clarke Prize Conference, which will focus on research and innovations in urban water sustainability. Online registration is now open. For more information about the conference or to register, please visit www.clarkeprize.com.

Registration Is Now Open at www.regonline.com/clarke2017

38TH ANNUAL GOLF TOURNAMENT AT NEWPORT BEACH COUNTRY CLUB

Consistency – Where Did Mine Go?

By MIKE J. SINACORI, *Chairman, OCWA Golf Tournament*

The 38th Annual Golf Tournament was held on Monday, June 19th, at the Newport Beach Country Club (NBCC). This was our 24th year at NBCC and it was another great event in the BRAND NEW clubhouse.

The shotgun started this year at High Noon, right after the delicious BBQ lunch that was provided for everyone. Our goal was to finish the round under five hours and everyone rolled back into the makeshift clubhouse area around 5:00. The new Clubhouse venue provided spectacular ocean/harbor views to the west and course views to the east. The event was held on a day typical of early summer in Southern California with temperatures in the mid to high 70s and pretty mild winds again. The day was just gorgeous and the course was in perfect shape as usual. We are so fortunate to still be on the annual list of events that are held at NBCC and we again heard nothing but compliments about the course. I would even go further and say that the entire day was beyond perfect. In all the years we have been there, every year seems to be better than the last.



No exception this year.

We are working to secure our spot for next year and should have news on this within days. We're also hoping to maintain the same pricing so our entry fees will remain the same at \$175 per player. By the way, the reason we are allowed back at all is due in part because our group treats the course with the upmost respect. For that, the Golf Committee thanks you and let's hope it helped keep our rates down!

Now, on to the fun stuff: The awards ceremony began at about 5:00, where sliders and street taco appetizers were provided. This year we had 109 players *and everyone showed!* The two Las Vegas holes this year, along with the putting contest, gave everyone a chance to win some of the \$4,000 worth of prizes. We gave away rounds of golf, numerous individual clubs, and a complete set of irons. Not to mention all the other great opportunity prizes! Each par 3 had a closest to the pin contest and there were two long drive contests.

Prizes were awarded to the top three low gross players and the top three in two separate flights for net players. Always fun as an engineer to show the statistics of the participants – 8 players scored in the 70s (or lower) and 16 players scored in the 80s. The average score increased this year to 99, up from 95 last year. Not sure why as the course playing conditions were again as good as they can get. The highest posted score was 143 out of the 160 maximum allowed.

Like many of us, I don't remember a round (or very few) where I came home and said "I shot as good as I could today!" This year I actually went home and said "I should quit this stupid game." But that's golf. No matter what your index, we always try to do better than the last time and there is always the shot, or two, or ten that we want back. I want the six shots in the two bunkers back for sure!

I truly believe the OCWA Golf event is one of the most enjoyable in the industry. I know it is for me, though my score is always higher than it should be.

Next year is tentatively set for June 18th, 2018.
Mark your calendars and sign up early!

Golf Committee

Mike Sinacori
Chairman – (949) 644-3342

Sherie Haeggstrom
Check-In & Las Vegas Holes – (714) 402-8870

Malcolm Cortez
Tee Signs & Putting Contest – (949) 453-5551

Bob McVicker
Prizes & Putting Contest – (714) 904-3819

Chuck Borkman
Prizes & Putting Contest – (949) 933-8905

Dennis Cafferty
Check-In & Scoring – (949) 837-7050, Ext. 223

Andy Komor
Scoring Assistance – (714) 481-7225

A special thanks to the Golf Committee Members. These unsung golf heroes make the event what it is. Please give any one of the committee members a call if you have suggestions on how to make this event even better next year. Also, a special thanks to the Newport Beach Country Club for their generous hospitality. Only a few tournaments are invited back every year. We are proud to be one of them.

The OCWA Board and Golf Committee would like to thank all of the 38 sponsors that made the event possible. Without their contribution, the BBQ lunch, awards, appetizers, and prizes would not be possible. Their addresses and phone numbers are in the OCWA Directory. And with that, thanks for playing and see you next year.

Event Winners (Scores)

1st Low Gross (69)

Brett Bockman, *Skanska*

2nd Low Gross (73)

Andy Komor, *Pace Engineering*

3rd Low Gross (73)

Phil Lawler, *MNWD (Retired)*

1st Low Net Flight "A" (81/71)

Jeff Hull, *Gecon*

2nd Low Net Flight "A" (90/71)

Michael Sinacori, *City of Newport Beach*

3rd Low Net Flight "A" (93/71)

John Kaneshiro, *LBCWD*

1st Low Net Flight "B" (103/70)

Ed Castanon, *Civiltec*

2nd Low Net Flight "B" (109/72)

Nolan Foran, *Clow Valve*

3rd Low Net Flight "B" (99/72)

Shem Hawes, *Civiltec*

Long Drive Hole No. 3

Aaron Sadler, *Neptune*

Long Drive Hole No. 10

Phil Ramirez, *City of Santa Ana*

Closest to the Pin No. 4 (2'-4")

Eric Schmidt, *Newport Beach*

Closest to the Pin No. 8 (17'-9")

Mike Grisso, *City of Buena Park*

Closest to the Pin No. 13 (2'-0")

Phil Lawler, *MNWD (Retired)*

Closest to the Pin No. 17 (2'-3")

Tyler Holst, *Kimley-Horn*



38th Annual OCWA Golf Tournament

Monday, June 19, 2017 • Corporate Sponsors

The following companies joined with OCWA to sponsor this year's Golf Tournament.

AES Water	<i>Darik Walton</i>	JCM Industries/Tripac	<i>Bill Foster, Sr.</i>
American Geotechnical, Inc.	<i>Sherie Dunbar</i>	Kato Landscaping	<i>Randy Kato</i>
Arcadis	<i>Jim Cathcart</i>	Kennedy Pipeline	<i>Matt Trumble</i>
Bingham and Taylor	<i>Mark Delancellotti</i>	Mainline Sales	<i>Jon Christy</i>
Bowie, Arneson, Wiles & Giannone	<i>Joan Arneson & Jeff Hoskinson</i>	M & H Valve	<i>Matt Armstrong</i>
Bush and Associates	<i>David Bush</i>	MISCO Water	<i>Tom Roberson</i>
Cab Engineers, Inc.	<i>Cory Bersch</i>	National Meter and Automation	<i>C. Robert Sears</i>
Civiltec Engineering, Inc.	<i>W. David Byrum</i>	Neptune Technology Group	<i>Andy Bohn</i>
CLA-VAL Company	<i>Monte Roberts</i>	North American Pipe Co.	<i>Dave Valdez</i>
Clow Valve Company	<i>Nolan Foran</i>	PACE Advanced Water Engineering	<i>Andrew Komor</i>
DUDEK	<i>Frank Dudek</i>	Paulus Engineering, Inc.	<i>Jason Paulus</i>
DUDEK	<i>Bob Ohlund</i>	Penco Engineering, Inc.	<i>Jeff Cooper</i>
Ford Meter Box	<i>Blake Kidd</i>	Psomas	<i>Mike Swan</i>
Ford Meter Box	<i>Blake Kidd</i>	Richard Slade & Associates	<i>Richard Slade</i>
General Pump	<i>Michael Bodart</i>	Skanska	<i>Steve Agor</i>
Geocon West, Inc.	<i>Jeff Hull</i>	Stantec	<i>Robert Reid</i>
Gladding McBean	<i>Joe Parker</i>	TE Roberts, Inc.	<i>Tim Roberts</i>
Guida Surveying, Inc.	<i>Ralph Guida</i>	Tetra Tech	<i>Mark Bush</i>
HDR Engineering	<i>Steve Friedman</i>	TRIPAC	<i>Bill Foster, Sr.</i>



Orange County Water Association

OPERATOR TRAINING, PRODUCT EXHIBITION & TEAM COMPETITIONS

This annual event provides a great opportunity for quality continuing education, a chance to gather information on new products and learn more about current technologies directly from the experts, and an excellent opportunity to socialize with others in the industry.

This Specialized CE Training and Vendor Exhibition ranks among OCWA's Premier Events, and the Tapping Competition is a great way to build teamwork and meet others.

Space Goes Quickly so Sign-Up ASAP. You won't want to miss it!



Remember:
SIGN UP NOW!

**Wednesday,
September 20, 2017**

7:30 a.m. to 1:30 p.m.

Rattlesnake Reservoir

4769 Portola Parkway, Irvine

- ★ Vendor Exhibits All Day
- ★ Vendor Set-Up 7:00 am
- ★ Operator Training 'Check In' 7:30 am to 8 am
- ★ Operator Training (2 Sessions) 8 am to 10 am
- ★ Pipe Tapping Contest 10 am to Noon
- ★ CATERED BBQ LUNCH Noon to 1 pm
- ★ Opportunity Drawing 1 pm

Catered Lunch: **Tickets: \$45⁰⁰ each**

Door Prizes needed; please bring to event.

Sponsorship Opportunities Still Available:

Sponsor: \$200.00 ★ Exhibitor: \$300.00

Sponsors receive recognition at the event, have their name on a banner, and are recognized in the OCWA newsletter.

Reservations can be made on the OCWA website:

www.ocwater.org

or you may email **John Robinson** at
johnrobinson91007@gmail.com

OPERATOR TRAINING (2 Contact Hours)

Operator training courses will be offered for hands on training in select industry skills. We haven't finalized the arrangements yet, but expect to have detailed information available soon. This is a great opportunity to gain 2 contact hours for certifications. Certificates will be provided for attendees.

Attendees may sign up for the training on the OCWA website, www.ocwater.org, or contact John Robinson, (626) 375-9389.

VENDOR EXHIBITION

Last year, we had over 20 vendors from the water industry display their latest products and services. There were pipe suppliers, tank suppliers, valve suppliers, meter suppliers and more on hand to demonstrate their products and answer questions. This is a great opportunity to meet multiple suppliers in one place and get information that will benefit your agency or project. Since the venue is outside, some vendors have live demonstrations of their products. Come see the best and latest products in the water industry!

OPERATOR COMPETITION (Pipe Tapping Contest)

This is the 10th year of the pipe tapping contest. The pipe tapping contest will follow the same rules as the AWWA competition. This is a great opportunity to build teamwork among staff. Each team will be given two chances at the pipe tap. All material – except the tapping machine – is provided by OCWA. Trophies are awarded to the first and second place teams. Agencies may have multiple teams. Contact Randy Lovan at (949) 439-0423 if your agency is interested in competing. Attendees and observers enjoy the benefit of networking with operators from other agencies, which helps improve the overall industry.

Sponsor & Exhibitor Opportunities available for

Orange County Water Association Vendor Exhibition, Operator Training, & Team Competitions

Wednesday, September 20, 2017

7:30 a.m. to 1:30 p.m. (Set-Up Begins at 7 a.m.)

Rattlesnake Reservoir • 4769 Portola Parkway, Irvine

YES! I would like to participate in the OCWA Annual Exhibition and Operator Training Event

I wish to participate as:

Exhibitor (\$300*)

Company Name	Contact
Phone	E-mail
Product or Service Displayed	

**Exhibitors receive covered exhibitor space for set-up and display (please let us know if you have any special needs or requirements), prominent listing in all on-line and associated advertising, and lunch for all participants.*

Sponsor (\$200)**

Company Name	Contact	
Street		
City	State	Zip Code
Phone	E-mail	

***Sponsors will be prominently displayed in all on-line and associated advertising, as well as be listed on event-day signage.*



Enclosed, please find a check payable to
Orange County Water Association in the amount of: _____

Mail this form, with your check, to:

Orange County Water Association
P.O. Box 51404 • Irvine, California 92619-1404

**Please respond by Tuesday, September 5, 2017,
to ensure adequate space is available.**

Questions? Please contact John Robinson, (626) 375-9389,
or via email at: johnrobinson91007@gmail.com

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OCWA's Board of Directors meets on the third Wednesday of each month, unless notified otherwise. The next meeting is scheduled for:

**August 16, 2017
10:30 am to Noon**

Dave & Buster's Restaurant
Irvine Spectrum
Entertainment Center

♦ ♦ ♦

Unless otherwise noted, all articles in this newsletter reflect the views or opinions of the authors and not the official opinion of OCWA, its membership or Board of Directors. All Advertisements contained in the newsletter are subject to the OCWA Advertising Policy. The OCWA Advertising Policy is available on request from the Association.

August Luncheon Topic

Whiskey's for Drinkin', Water's for Collaboratin'!

Presenter:

Norris Brandt, PE

President,

Brandt Water Strategies

Wednesday, August 16, 2017

Dave & Buster's Restaurant ♦ Irvine Spectrum Entertainment Center

11:30 am: Registration ♦ 12:00 – 1:30: Lunch & Presentation

OCWA Members with Reservations..... \$30 Non-Members with Reservations \$40
OCWA Members without Reservations... \$40 Non-Members without Reservations..... \$40

*Reservations must be made by Noon, Tuesday, August 15, to qualify for the Reservation Rate.
Cancellations received AFTER this date CANNOT be refunded.*

To make reservations, please go to the OCWA website: www.ocwater.org

For more information, contact Leticia Villarreal at **(714) 378-3203**

Please identify yourself by name and membership number.

RSVP IS A FINANCIAL COMMITMENT. NO-SHOWS WILL BE BILLED

About Our Speaker: Like all of us, Mr. Brandt has been around water his entire life. Growing up, water issues were consistently discussed around the dinner table by his family of politicians. He's been a surfer for over 50 years. Calling Irvine his hometown since 1967, he served his community for 20 years at Irvine Ranch Water District and shorter stints at Coachella Valley Water District and Elsinore Valley Municipal Water District. Today, as a consultant, he is working with San Juan Basin Authority to explore ways to maximize the value of local water resources in South Orange County. He expects to continue to his relationship with water for years to come.

Photo of Upper Canyon Cascade courtesy Synapsis via Creative Commons



With imported water continuing to increase in price and decrease in reliability, the value of incremental increases in "local" water seems to skyrocket. Water that seemed to be just too expensive to

tap, even relatively recently, is now showing up in water agency portfolios.

This presentation will describe how four public agencies in South Orange County, along with many others within the region, are collaborating in the management of that incremental local water to optimize its cost and reliability.

The goal is to manage the San Juan Creek watershed, with its "underground flowing stream" groundwater basin, in a holistic fashion to increase water supply and protect its quality. The presentation will describe how the San Juan Basin Authority was formed, how it operates, and the measures it is taking to enhance its water resources now and for the future.

