

IN THIS ISSUE

PG 1. PROJECTS & ACTIVITIES
PG 2. WEFCON, NEW MEMBERS
PG 3. MWTDC EVENTS AT WEFTEC
PG 4. WEF'S STRATEGIC DIRECTION



GREETINGS FROM THE CHAIR

The practical realities of the 21st century are forcing our profession to undergo transformational changes. The traditional reasons for treating wastewater, public health and environmental protection, are being broadened to include energy capture, resource recovery, water reuse, environmental enhancement, etc. The

phrase **wastewater is a resource** is becoming all but common. WEF is playing a pivotal role as reflected by their Water's Worth It campaign and the new Strategic Direction. The extent of implementation will be the metrics of success of these efforts.

The MWTDC serves as the home of WEF members that share a common professional interest in municipal wastewater treatment design. This is what we do for a living. Hence, we are positioned to extract value from ideas by crafting implementable solutions. Just like making a cake, the basic ingredients necessary for us to succeed include passion, innovation, leadership, collaboration, and the desire to do what is right.

This newsletter provides information on WEFTEC2012 activities (see page 3). I want to draw your attention to a unique event that our Knowledge Management Subcommittee, led by Dr. Sudhir Murthy, is leading. Using a discussion format (Forum), the Subcommittee will be showcasing some of the exciting assignments of which our members are involved. This new vehicle of knowledge dissemination is strongly supported by WEF and may well become a standard feature of subsequent WEFTECs. I urge you to attend this event and see for yourself why our committee is the industry thought leader. This newsletter provides more information on the Forum (see page 3).

Please send us your ideas and thoughts as to how MWTDC can better serve and engage its members. Vice-Chair Art Umble and I are looking forward to seeing you at WEFTEC. Plan on attending the MWTDC meeting on Wednesday, October 3rd.

Enjoy your summer. Be safe.

Samuel Jeyanayagam
Sam Jeyanayagam, CH2M Hill
MWTDC Chair, 2010-2013

PROJECTS & ACTIVITIES

WEFTEC2013 WORKSHOP PRE-PROPOSALS DUE AUGUST 3RD

It's that time of the year again to start thinking about workshops for next year's WEFTEC! (WEFTEC2013 will be in Chicago, October 5-9.) The MWTDC's WEFTEC workshops have been highly regarded because of the educational value they provide. To maintain the high quality of the workshop requires planning more than a year in advance. WEFTEC2013 workshop pre-proposals for MWTDC sponsorship consideration are **due Friday, August 3rd. Proposals should be sent to Cindy Wallis-Lage (wallis-lagecl@bv.com, DCWater, Washington, DC) and Bob Borneman (bob.borneman@arcadis-us.com, ARCADIS, Chattanooga, TN).** An email was sent out June 20th with more details. Information is also posted on [WEFCON](http://www.wefcon.com).

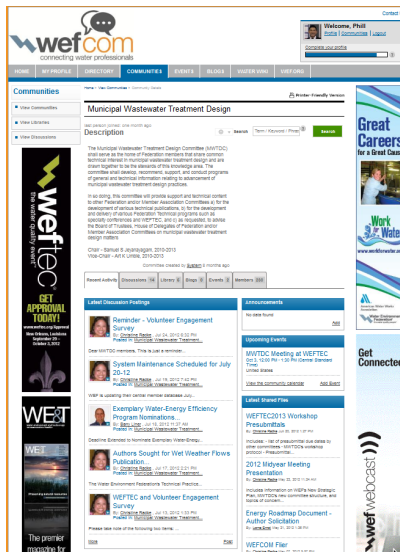
AUTHORS SOUGHT FOR WET WEATHER FLOWS PUBLICATION

Initiated by the MWTDC's Wet Weather Task Group and led by Chris Tabor (Hazen and Sawyer), WEF's Technical Practice Committee is considering the development of a publication on managing wet weather events at wastewater treatment facilities. **If you are interested in participating as an author, please contact Lorna Ernst at lernst@wef.org by Tuesday, July 31st.** The proposed outline for the book and more details of what is expected of being an author can be found on [WEFCON](http://www.wefcon.com) (discussion notice was posted on July 17th).

Do not follow where the path may lead, go instead where
there is no path and leave a trail.
~Waldo Emerson

WEFCOM CONNECTING WATER PROFESSIONALS

This past May, you received a notification welcoming you to WEF-COM—an online community hosted by WEF for WEF members. The intent of WEF-COM is to provide a venue which empowers members to network and collaborate with other water professionals. If you haven't logged on yet, we encourage you to do so before WEFTEC and complete your profile. This will be the primary way we will communicate with one another.



To log-in:

- Go to <http://wefcom.wef.org>.
- Your user name is the email address you have registered with WEF. Use the password you would normally use on the [WEF website](http://www.wef.org).
- If you have never logged in before, your default password is your last name (lowercase). If your last name includes a space, enter that space in your password. If your last name is less than 7 characters, please append 9's till you reach 7 characters.
- If you forgot your password or want to change your password, click reset password, and instructions will be emailed to you.

Video tutorials of how to use WEF-COM can be accessed on the home page.

Communities have been created for all standing committees of WEF. Subcommittees of MWTDC also have their own communities. Many thanks to Phill Yi (Hazen and Sawyer, Fairfax, VA) for assisting in getting the communities for our subcommittees and task/interest groups created.

If you have any questions, or have problems logging-on contact Christine Radke at cradke@wef.org.

NEW MWTDC MEMBERS (SEPTEMBER 2011–JUNE 2012)

- Ron Appleton, Carollo Engineers (Walnut Creek, CA)
- Manish Bhandari (Silver Spring, MD)
- Daniel Dair, World Water Works, Inc. (Oklahoma, OK)
- Susan Danzl, Short Elliott Hendrickson, Inc. (Edina, MN)
- Mark Esquer, Orange County Sanitation District (Fountain Valley, CA)
- James Fitzpatrick, Black & Veatch (Kansas City, MO)
- Allen Gelderloos, Brown & Caldwell (Cincinnati, OH)
- John Guenther (Fairfax, VA)
- Mark Halm, Walter E. Deuchler Assoc, Inc. (Aurora, IL)
- Jeffrey Hauser, Stantec (Columbia, SC)
- Zakir Hirani, MWH (Arcadia, CA)
- Sarah Hubbell, Entex Technology, Inc. (Katy, TX)
- Michael Johnston, Black & Veatch (New Orleans, LA)
- Wendell Khunjar, Hazen & Sawyer (Fairfax, VA)
- Michael McKamey, Beaver Equipment (Kenmore, WA)
- Adrienne Menniti, CH2M Hill (Portland, OR)
- Marija Peric, AECOM (Laurel, MD)
- Kara Pho, CH2M Hill (Yonkers, NY)
- Zeshan Punja (Rockville, MD)
- Steven Reusser, Madison Metropolitan Sewerage District (Madison, WI)
- Gregory Roy, CDM Smith (Cambridge, MA)
- Sean Scuras, Tetra Tech (Greenville, SC)
- Sid Sengupta, Black & Veatch (Cincinnati, OH)
- Robert Sharp, Manhattan College (Bronx, NY)
- Dean Shiskowski, Associated Engineering Ltd (Burnaby, BC)
- Rahul Subramanian, MWH (Denver, CO)

Start by doing what is right and necessary; then do what is possible; and suddenly you are doing the impossible.

~ Saint Francis of Assisi

MWTDC EVENTS AT WEFTEC2012, NEW ORLEANS MORIAL CONVENTION CENTER, LOUISIANA (SEPT 29 – OCT 3)

The MWTDC members contribute immensely to the high quality technical program at WEFTEC each year.

New this year, MWTDC will host an open-discussion *Forum* in cooperation with the Program Committee. Together, we want to provide an opportunity where members can debate/discuss topics that foster knowledge development which leads to innovative practices in our sector. The *Forum* is a “beta test” of how WEF can host events that aren’t the traditional workshop education format.

Though still being finalized, the preliminary agenda will focus on discussions regarding modeling (where are we today and where are we going?) and technology (new design approaches in wastewater treatment). We will also devote time to discuss the latest in WERF research and how we can bring the research to practice. The Forum is open to all MWTDC members, and we encourage you to come and bring your colleagues to participate. Watch [WEFCOM](http://www.wefcom.org) for the final agenda.

Other MWTDC-sponsored events include four workshops and several subcommittee and interest/task group meetings. Here is a complete listing of MWTDC sponsored meetings and workshops.

You can also visit www.weftec.org for more details on other events.

Date, Time (Location)	Event (Lead)
Saturday, September 29th	
8:30am to 5:00pm (Room 345)	W102: <i>Sustainable Aeration Practice</i> Chair: Diego Rosso, University of California—Irvine Co-Chair: Doug Barber, CH2M Hill
4:00pm to 6:00pm (Room 240)	MEGA (Modeling Expert Group of the Americas) Meeting Chair: Bruce Johnson, CH2M Hill Vice-Chair: Peter Vanrolleghem, Modeleau—Universite Laval
Sunday, September 30th	
8:30am to 5:00pm (Room 339)	W201: <i>WEF/WERF Sustainable Phosphorus Removal to Low Levels: Phosphorus Characterization, Treatment Technologies, and Operations Consideration</i> Chair: April Gu, Northeastern University Co-Chair: Christine de Barbadillo, Black & Veatch Co-Chair: JB Neethling, HDR Engineering
8:30am to 5:00pm (Room 353)	W202: <i>WEF/WERF Planning for the Cities of the Future Based on the Concept of Scarcity-Thinking</i> Chair: Sam Jeyanayagam, CH2M Hill Co-Chair: Amit Pramanik, WERF
8:30am to 5:00pm (Room 245)	W209: <i>Wastewater Disinfection Fundamentals</i> Chair: Scott Schaefer, AE2S Co-Chair: Tom Johnson, CH2M Hill
8:30am to 5:00pm (Room 336)	MWTDC’s Knowledge Management Forum Chair: Sudhir Murthy, DCWater Vice-Chair: Charles Bott, Hampton Roads Sanitation District
Monday, October 1st	
7:00am to 8:30am (Room 274)	MWTDC Biofilm Interest Group (BIG) Meeting Chair: Josh Boltz, CH2M Hill Vice-Chair: Leon Downing, Donohue & Associates
12:00pm to 1:30pm (Room 242)	MWTDC WEFTEC Activities Subcommittee Meeting Chair: Cindy Wallis-Lage, Black & Veatch Vice-Chair: Bob Borneman, ARCADIS
Tuesday, October 2nd	
10:00am to 11:00am (Room 282)	MWTDC Fundamentals Outreach Subcommittee Meeting Chair: Hannah Wilner, CH2M Hill Vice-Chair: Michelle Hatcher, CDM Smith
4:30pm to 5:30pm (Room 282)	MWTDC Wet Weather Task Group Meeting Chair: Chris Tabor, Hazen & Sawyer
Wednesday, October 3rd	
7:00am to 8:30am (Room 281)	MWTDC Leading Edge Outreach Subcommittee Meeting Chair: Kam Law, AECOM Vice-Chair: Leon Downing, Donohue & Associates
12:00pm to 1:30pm (Room 272)	Municipal Wastewater Treatment Design Committee Meeting Chair: Sam Jeyanayagam, CH2M Hill Vice-Chair: Art Umble, MWH Global

WEF'S NEW STRATEGIC DIRECTION AND MWTDC

Earlier this year WEF revealed their new Strategic Direction. Their mission is to *provide bold leadership, champion innovation, connect water professionals, and leverage knowledge to support clean and safe water worldwide*. With a new mission and a clear vision for WEF to be essential to water professionals around the world, three critical objectives were identified:

- ♦ Drive Innovation in the Water Sector
Provide bold leadership for water sector efforts to help communities address water challenges and benefit from the value of their renewable resources
- ♦ Enrich the Expertise of Global Water Professionals
Advance WEF's platform for knowledge exchange among global water professionals
- ♦ Increase Awareness of the Value of Water
*Expand WEF's commitment to public advocacy for clean water and public health
Inspire respect for water and water professionals*

At the MWTDC Midyear meeting, we evaluated how our committee fits into the new strategic direction of WEF. This meant re-evaluating our current structure. We realized we are already involved in all three of the critical objectives. Through our interest and task groups under the Knowledge Management Subcommittee, we drive innovation. All our outreach and delivery subcommittees' (Leading Edge Outreach, Fundamentals Outreach, Publications, and WEFTEC) activities focus on enriching the expertise and knowledge of water professionals. Everything we do is because we're committed to protecting clean water and public health.

But we know we can always do more. The *Forum* scheduled for Sunday at WEFTEC is one example. Encouraging regulatory personnel participation and engagement, whether through our local Member Associations or our own personal connections, was also identified as a goal. Minutes from our Midyear Meeting are available on WEF.COM. For our WEFTEC meeting, we will continue discussions regarding our role to WEF and its members and changing our committee name (i.e. Clean Water Design, etc.).

