



Society of  
**SAME**  
American Military Engineers

# Lake Michigan Post



## Society of American Military Engineers

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### SAME MISSION

"To promote and facilitate engineering support for national security by developing and enhancing relationships and competencies among uniformed services, public and private sector engineers, and related professionals"

### SAME VISION

"To be a premier global engineering organization leading the professional and personal growth of all members in support of military readiness and development of solutions to national security challenges."

## PRESIDENT'S MESSAGE



**Julius C. "Jake" Washington,  
CAPT, CEC, USN**

Greetings again LMP Members. Seems its been a long time since we have met in our general luncheon format. I hope each of you found the time from your busy careers and extra curricular involvement, such as your volunteerism in SAME, to have take that long overdue vacation, or just enjoy a few quiet days of leisure.

Since we last met in Highland Park, we have collectively planned and participated in a number of educational, networking and outreach events, including the Stickney Plan tour, the [insert proper title] tour in Milwaukee, and the Regional Conference in Detroit. Also, as some of you are aware, I was invited to Washington D.C. by Dr. Wolfe to participate in a recruiting video for SAME. That was quite an experience, and I was proud to represent our global organization and specifically all of you at LMP. I trust this video will be used for years to come to attract new individual members and sustaining members, and to assist current members in understanding all of the benefits afforded to our membership from a career perspective.

This month we are hosting our annual Yellow Ribbon event at Naval Station Great Lakes. What a great way to show our appreciation for our troops and to extend our international goodwill and ambassadorship through our service members to the children of Iraq, Afghanistan, Djibouti, and other such overseas locations. Via e-mail, I have witnessed the teamwork, enthusiasm, patriotism, and the sincere generosity of our membership as you have worked to bring this event together and make it a great success.

Summer is near over. Students are back in school, and we are now in the home stretch of our 2009 year. I cannot believe how fast the year has come and gone. Time to take stock of our year's accomplishments to date and finish strong to ensure we meet and exceed the success we enjoyed in 2008 and achieve the next level of recognition as a Distinguished Post. Thank you all again for what you do every day to further the engineering profession, strengthen the national defense, and serve our collective humanity.

## 2009 GREAT LAKES & OHIO RIVER VALLEY REGIONAL CONFERENCE

**Anna Maria Lambadis,  
Communications Committee, SAME LMP Post**

Greetings to All!! The Holiday Season is fast approaching and prior to hustle and bustle of the fun days ahead; I would like to reflect a little on the 2009 SAME Great Lakes and Ohio Valley Regional Conference held in Detroit, Michigan.

The Conference was extremely informative and well executed. It was a great opportunity for networking, for all types of businesses, but also it was a change to spend some personal fun time with everyone. The conference began with a Golf Outing and then a great Ice Breaker of a Casino night with great ethnic foods and Great Lake Maritime music. Ken Endress and I learned to play Craps; It was Great fun!!

The theme of the Regional Conference was "Building Beyond Tomorrow" with substantive technical sessions on Alternative Energy, Environmentally Sustainable Building, and National Security on Wednesday, August 12th and Thursday, August 13th. I attended sessions in all of these tracks. The information was extremely current which made it even more interesting. Anyone interested in the presentations can look up the information at <http://www.same-detroit.com/09regional.html>. Wednesday evening ended with a beautiful dinner, where Emma Kowalenko of Kowalenko Consulting received a medal for Regional Vice President from S.K. Nanda, the current Regional Vice President.

Thursday's sessions featured Commander briefings of upcoming projects and workload needs from the Detroit District, Chicago District, Buffalo District, Huntington District, Pittsburgh District, Nashville District, and Louisville District.

## SAVE THE DATE

**October LMP Luncheon Program  
October 8, 2009, 11:30 am, Highland Park CC**

**Topic: Efficient Design and Construction  
For details contact Program Committee Chair Robert Leick - [robert.leick@graef-usa.com](mailto:robert.leick@graef-usa.com)**

## STICKNEY WATER RECLAMATION PLANT TOUR

On August 19th, 2009 a joint meeting of the SAME Lake Michigan and Chicago Posts, and the Illinois Society of Professional Engineers (ISPE) brought together 57 participants to the Metropolitan Water Reclamation District (MWRD) Stickney Water Reclamation Plant in Stickney Illinois. All gathered at 8 am at the Stickney Chatter Box Café cafeteria for a light breakfast prior to the presentation and tour. Understandably, photo taking was not allowed on site except in the auditorium where MWRD Civil Engineer Peter O'Brien, gave an overview of the Stickney Plant's history, capacity, and operations.

In 1919, an ordinance was passed initiating the construction and operation of sewage treatment plants to protect and preserve Lake Michigan, the source of drinking water for the six million residents of Chicago, Cook County communities, and neighboring counties. The District is divided into seven service areas.

There are two original plants on today's 570-acre site. The west side portion of the plant was finished in 1930 and the southwest portion in 1939. The Stickney Water Treatment Plant is the largest within MWRD and one of the largest in the world with a capacity of 1.2 billion gallons per day and 600 employees, it serves 2.38 million people in a 260 square mile area including Chicago and 43 suburban communities. . The recently expanded Post-Digestion Centrifuge Dewatering Facility uses 18 high-solids centrifuges to dewater 100 of the 650 tons of sludge processed per day. The Stickney plant is adjacent to a residential neighborhood and odor control was a key consideration during the design work. The re-

sulting odor control system treats hydrogen sulfide, ammonia and volatile organic compounds.

The tour included a visit to the treatment areas, laboratories, and the greenhouse where soil is tested for the use of biosolids for reclamation and landscaping projects. MWRD Soil Scientist Lido explained that the growth rates of varieties of turf grass and perennials such as ryegrass, tall fescue, red fescues, alkaligrass, Kentucky bluegrass, bentgrass, and red top were tested over time and were greater in biosolids than in topsoil. However, the growth rates of Kentucky bluegrass, bentgrass, and red top in biosolids were less than their growth rates in topsoil. Thus, depending on the vegetation and situation biosolids can provide a good alternative to top soil.

The tour engendered a lot of questions and discussion. Thank you to Douglas Yerkes of HNTB and ISPE for coordinating tour details with MWRD and Lake Michigan and Chicago Posts.



## Calendar of Events

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|------------|---|--------------|---|
| 24 Sep 09  | SAME Board Meeting  | 8 Oct 09     | SAME Lake Michigan Post luncheon - 11:30 am<br>Highland Park CC – Topic: Efficient Design and Construction. For details contact Program Committee Chair Robert Leick - robert.leick@graef-usa.com |
| 25 Sep 09  | SAME Chicago Post Golf Outing Scholarship Fund Raiser – contact Nick Nigro for details<br>nkn@eccsmobilelab.com or Rob Foster<br>rfoster@kowalengkogroup.com. | 19-21 Oct 09 | South Atlantic and South Central Regional Conference<br>Charleston, SC  |
| 25 Sept 09 | Philadelphia Post's First Annual Monte Carlo Charity Night, The Down Town Club 6th & Chestnut Streets Philadelphia, PA.                                       | 25-27 Oct 09 | CMAA National Conference & Trade Show Hyatt Regency Grand Cypress Orlando, FL.  |
| 7-9 Oct 09 | IFMA's World Workplace 2009 Conference and Expo<br>Orange County Convention Center Orlando, FL.   | 26-28 Oct 09 | California Water Conference: Changing Tides in the Inland Sea-A Confluence of Challenges and Opportunities, Sacramento, CA.   |

## 2009 Chicago Post 20th Annual Golf Outing



SAME Chicago Post 2008 Golf Outing Check In Table

The neighboring Chicago Post's 20th Annual GOLF OUTING is scheduled for Friday, 25 September, at MAPLE MEADOWS GOLF COURSE in Wood Dale, Illinois. Can you believe it was 20 years ago when they first convened 27 Chicago Post board members and members at the golf course at Ft. Sheridan with two goals – enjoy an afternoon of networking and award scholarship funds to deserving recipients? The location may have changed but the goals

have not.

The golf outing is the Chicago Post's primary fundraising opportunity for the year and provides funds for the Post's Scholarship and Engineering Camp Fund, which provides college scholarships to qualified individuals who are pursuing degrees in the field of engineering, architecture or the applied sciences. Last year we had a wonderful turnout, and barring any late summer civil works challenges (i.e., record rainfall like last year), the course promises to be in pristine condition!

With your help, this year's event will be an even greater success. I invite you to support the Chicago Post by being a sponsor for the tournament. All sponsors will be recognized at the event at their committed level of support. For more information on sign-up and sponsorship, please call (608-221-8700) or e-mail Nick Nigro at nkn@eccsmobilelab.com.

## 2011 SAME REGIONAL CONFERENCE - OCTOBER 4-6, 2011

Milwaukee, Wisconsin. Please consider joining the planning committee. For further details and volunteer information, please contact Co-Chair, Robert Soos at 847-276-3050 or RSoos@archdev.net



Interested in submitting an article for our next edition? Contact  
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