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DETROIT POST
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

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APRIL 2009 SAME MEETING

**TOPIC: SNIFFING OUT POLLUTION, ONE PIPE AT A TIME;
THE USE OF A SCENT TRAINED K-9 FOR ILLICIT DISCHARGE DETECTION**

(Earn 1 Professional Development Hour)

SPONSOR: TETRA TECH

SPEAKER: Scott Reynolds with Tetra Tech will be discussing a new program they have using a dog to locate illicit connections to municipal storm sewer systems. In December of 2006 Tetra Tech began developing the idea to train a dog to locate illicit connections to municipal storm sewer systems. Based on the most common illicit discharges, it was decided that raw human sewage and detergents (surfactants) would be the focus of the dog's training. Sable hit the ground running in late July 2007 and began live field trials in Genesee County Michigan with Tetra Tech's field crews who were conducting Illicit Discharge Elimination Program (IDEP) investigations on the counties storm sewer systems. Sable is now part of the regular Tetra Tech field crew conducting IDEP investigations. When dry weather flow is located Sable inspects the outfall or structure (manhole and catch basin). To date Sable has investigated over 150 outfalls and has consistently alerted to the presence of human sewage and surfactants. This immediate feedback allows field crews to conduct upstream source tracking, reducing overall investigation time and laboratory sample costs. A short biographical summary is included in the attached newsletter.

DATE: Wednesday, April 8, 2009

TIME: 11:30 am until 1:00 pm Luncheon/Luncheon Speaker

PLACE: Doubletree Guest Suites Fort Shelby, 525 W. Lafayette Blvd., Detroit, MI

(Fort Lernoult Conference Room – located on the second floor of the Doubletree)

MENU: CITRUS CHICKEN – served with artichoke, leeks, and capers in lemon buerre sauce, includes house salad, chef's choice of vegetable and rice pilaf, rolls and butter, freshly brewed coffee, decaffeinated coffee, iced tea and a Fruit Tart for dessert.

NOTE: Vegetarian meals are available with advance registration.

PRICE: \$25.00

RESERVATIONS: E-mail Pam.Horner@usace.army.mil by noon April 7, 2009

BOARD OF DIRECTORS MEETING: Will be held at the Doubletree Fort Shelby, 10:30 a.m. Second Floor Conf. Rm., adjacent to the Fort Lernoult Conference Room.

SUSTAINING MEMBERS

A & H Contractors	ADP Consulting, Inc.	AECOM	AMEC
Barr Engineering Co.	C2AE	Clayco, Inc.	Collins Engineers, Inc.
CTI and Associates, Inc.	Foth	FutureNet Group	Ghafari Associates
Gourdie/Fraser & Assoc.	GZA GeoEnvironmental, Inc.	HNTB	HWS Engineering
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DETROIT POST S.A.M.E. NEWSLETTER
APRIL 2009

DETROIT POST WEB SITE: Please note that the Detroit Post web site is: www.same-detroit.org. You can find out about current meetings, and past meeting information. Sponsored by FutureNet Group.

2009 REGIONAL CONFERENCE: The Detroit Post is pleased to announce that we are hosting the 2009 Regional Conference in Detroit, MI in 2009. The meeting is scheduled for August 11-13, 2009 at the Detroit Marriott Renaissance Center. The theme for next year's conference is: Building Beyond Tomorrow. The registration for the conference will be open shortly, so please look for announcements. Many exhibiting and sponsorship opportunities will be available, and will be sent to the regional sustaining members. Be sure to sign up early, as some of the prime sponsorship opportunities will sell fast!!! The conference web page is: www.same-detroit.org/09regional.html and more details will be uploaded in the next few days, so check often.

ENGINEERING CAMPS: Following is a summary of the application deadlines for the engineering camps that are available to High School students. Please visit the web site noted below for details. The camps are co-sponsored by Headquarters and the Post, so there will be minimal cost to the student.

April 24, 2009—Deadline for Posts to submit applications to USAFA Engineering and Construction Camp at the US Air Force Academy in Colorado

May 15, 2009—Deadline for Posts to submit applications to Seabee Engineering and Construction Camp at Port Hueneme, California

Visit www.same.org/camps

<<http://cts.vresp.com/c/?SocietyofAmericanMil/07245aladc/609d909ec6/adecc393f9>> for more information on all the SAME camps.

READINESS COMMITTEE: The Readiness Committee has updated the Readiness Plan. If you are a new Sustaining Member to SAME – Detroit Post, please submit your capability for Readiness to Drew Lonergan so he can include your firm in our current plan. Drew can be reached at (248) 264-4015.

EDUCATION/TRAINING: The Detroit post encourages members and sustaining members to submit articles to The Military Engineer or other professional journals. Please let us know when you submit articles so that we can include it in our Education/Training Streamer submittal for the Detroit Post, by e-mailing the Post Secretary at pam.horner@usace.army.mil.

PROGRAMS: The program schedule has changed, so an update of the upcoming meetings is listed below:

2009 SAME Program Schedule

May 2009	Current Applications in Stream Restoration
Jun 2009	Geotechnical Investigations for the New MDOT Bridge to Canada

LEFEVRE EDUCATION AWARD: The LeFevre Education Award was given out at the March luncheon meeting. Mr. Zdravko Nikolik, from Wayne State University won the LeFevre Education Award. Mr. Nikolik is obtaining a degree in Electrical Engineering. We were joined at the meeting by two members of the LeFevre family.

WELSH EDUCATION AWARD: The Welsh Education Awards winners were selected, however, due to school breaks they were not present to receive their awards. The awards will be provided at a future ROTC awards ceremony. The winners were:

Cadet Mansfield – University of Toledo – Army ROTC
Cadet Nicholas Geraci – University of Notre Dame – Navy ROTC
Cadet Neil Ferguson – Michigan State University, Army ROTC

HIGH SCHOOL GRANT: A High School Club Research Grant will be awarded for science and engineering clubs at the high school level in the metro Detroit school districts. The purpose of this grant program is to award a \$1500 grant to high school clubs that conduct research. Last year, the award went to the Stream Team of Southgate Anderson High School where they purchased equipment to conduct stream monitoring. Typically, members of high school clubs have to fund their research out of their own pockets and it is financially hard on the students and the teacher. So, this program helps ease their need for research funding. Help us get the word out to local high schools. The scholarship committee will make contact with local schools to apply for the grant. Applications for the grant are due by the end of March 2009. Any questions should be directed to Connie Boris, Education Award Committee Chairperson, at 313-881-2240.

MEMBERSHIP: It is very important that you keep your membership contact information current. Without current contact information for our members, the Detroit Post and SAME HQ are unable to send out important membership information such as membership cards, certificates, magazines and invoices. Additionally, if SAME HQ does not have current information on members, the membership Post Roster reports will reflect outdated information and result in members not being contacted with important information. Currently, SAME HQ receives quite a bit of return mail and e-mail each month for incorrect addresses and/or no forwarding address. The U.S. Post Office charges a fee for returned mail and SAME HQ would prefer to put this money to better use.

You can update your contact information by using the change of address card found in every issue of *The Military Engineer* magazine, by mailing, faxing or e-mailing their change of address information to SAME HQ, or by going online to www.same.org/memberupdate. Keeping your contact information current benefits you and the entire Society.

Please be advised that presently the SAME Web site requires two different logins depending on the Web activity. For all members who wish to view “Member’s Only” areas such as Society, Regional and Post Operations, and Member Benefits must use their last name and six-digit numeric member ID. Individual members, who wish to update their contact information, must use the e-mail address we currently have on file for them and a unique password. If they do not know their password or have forgotten it, they can e-mail the membership department at member@same.org. Sustaining Members must use their last name, member ID and e-mail address in order to update their contact information using the web. If there is no e-mail on file in your membership records, you need to call SAME HQ membership department and have then input your e-mail.

Much effort is required to address undeliverable mail and we greatly appreciate your assistance in updating your contact information to make this job easier.

COMMITTEES:

PROFESSIONAL DEVELOPMENT: The Detroit Post offers Professional Development Hour (PDH) credits for attendance at designated SAME events. The Professional Development Committee will maintain records and track PDH credits earned by attendees at Post events. PDH certificates will be provided at the monthly luncheons meetings.

AFFILIATE SOCIETY: PLEASE VISIT THE ESD CALENDAR OF EVENTS FOR SCHEDULED EVENTS (www.esd.org)

SPEAKER BIO: Scott has been training canines for over 10 years. During his employment as a sheriff deputy in Michigan he trained and certified a canine in narcotic detection, evidence search, and building search.

As a member of a volunteer search and rescue organization in Michigan during the 1990's Scott trained and certified canines in missing persons location and the detection of human remains and responded to over 100 search missions.

Scott holds a Bachelors degree in Environmental Science from Michigan State University. He has 8 years in the water resources arena and specializes in Illicit Discharge Detection and Elimination (IDDE) in both the urban and rural settings.

He currently works for Tetra Tech in Lansing Michigan as the trainer and handler for Sable a scent trained canine used to assist in locating illicit discharges in storm sewer systems.

SUSTAINING MEMBER NEWS

Hello SAME Sustaining Members,

Monthly Sponsors – The Detroit Post invites one of our members to sponsor the monthly luncheon. The cost is \$300.00, which will pay for the room and equipment rental. You will also be given a 5-minute spotlight to present an overview of your company. Please contact Pam Horner is interested in sponsoring a monthly luncheon at pam.horner@usace.army.mil.