

SOME SESSION HIGHLIGHTS:

SPECIAL GUEST

Michigan State Representative Ken Goike was elected in November 2010 to his first term in the Michigan House to represent residents of (District 33) Clinton, Macomb and Ray Townships. Representative Goike is the owner of Goike Trucking and Excavating. He also has experience working in agriculture, septic and water delivery. Goike is the current president of the Armada Fair, and is a member of the Michigan Farm Bureau, the Michigan Builders Association and the Michigan Septic Tank Association. He was the primary sponsor of House Bill 4578. This bill is an attempt to remedy the increased transportation costs by requiring local units that have banned the land application of septage waste to make available a receiving facility with a service area that encompasses the entire local unit and to ensure that the receiving facility can and will accept all septage waste generated in the local unit.

KEYNOTE SPEAKER

Highlighting the Conference this year will be Richard J. Otis, Ph.D., P.E., BCEE of Otis Environmental Consultants, LLC. He will be speaking on "Emerging Trends in Onsite Wastewater Treatment."

Dr. Otis is an environmental engineer whose primary interest since 1970 has been in developing low-cost technological and institutional approaches to wastewater treatment in unsewered areas. He is a principal contributor to the 1980 and 2002 USEPA Onsite Treatment Systems manuals and the 2003 Voluntary National Guidelines for sustainable onsite and cluster treatment.

Currently, he develops onsite system inventory and tracking software with *TrackAssist – Online, a Division of Yahara Software* for use by states, counties, service providers and manufacturers to track individual system performance. He also assists counties and states with incorporation of performance management into their regulatory programs for onsite and distributed wastewater treatment.

Dr. Otis is active in several professional organizations. He is a charter member and President of the National Onsite Wastewater Recycling Association. He is a board certified environmental engineer (BCEE) with the American Academy of Environmental Engineers. He is an active member of the Water Environment Federation and has served as the chair of the WEF Small Community Committee.

“LEARNNG FROM OTHERS - SHARING WITH OTHERS”

ADVANCED REGISTRATION REQUIRED DEADLINE: DECEMBER 28, 2012

Instructions:

1. Each Registrant must complete a separate registration form. Copies of this form are acceptable. Group checks are also acceptable.
2. Complete all parts of the form. Check appropriate boxes. All of Tuesday sessions are free except the all day session: "*Vacuum Truck Technician Training Certification Program*" (this session requires a \$150.00 fee).
3. No refunds will be granted after 12/28/2012.
4. Hotel reservation (**PLEASE** reserve prior to 12/18/12). Kellogg Center 800-875-5090 or 517-432-4000.

FOR MORE INFORMATION ON TOPICS AND SPEAKERS:

www.meha.net / www.mowra.org / www.msta.biz
or call MDEQ at **517-241-1343**

FOR MORE INFORMATION ON BOOTHS:

Dan Milan 800-756-4526

The intent of the annual wastewater conference is to educate people involved in the on-site wastewater field. The conference is a joint venture between the Michigan Onsite Wastewater Recycling Association (MOWRA), the Michigan Department of Environmental Quality (MDEQ) with the Michigan Environmental Health Association (MEHA), the Michigan Septic Tank Association (MSTA), the Michigan Water Environmental Association (MWEA) and Michigan State University.

PRIZES WILL BE AWARDED TO PARTICIPANTS THROUGHOUT THE CONFERENCE

ATTENTION MICHIGAN SEPTAGE HAULERS

Up to 16-1/4 (CSE) continuing septage education hours are being accredited through MDEQ for the conference this year.

* REIMBURSTMENT IS AVAILABLE FOR MOST MICHIGAN LICENSED SEPTAGE HAULERS (ONE PER LICENSED FIRM) THROUGH THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY "CONTINUING SEPTAGE EDUCATION REIMBURSEMENT REQUEST" EQP5918. MORE INFORMATION IS AVAILABLE ON THE WEB AT:

<http://www.michigan.gov/deqseptage>

***** Continuing Septage Education (CSE) tracking will be provided by the Michigan Septic Tank Association (MSTA). There will be a fee for non-MSTA members wishing a certificate of attendance and reporting. Questions may be directed to Chanin Frank (MSTA Executive Officer) phone: 989-808-8648 or email: mstasupport@charter.net***

REGISTRATION FORM – Remove and mail

To better help us plan future conferences, please indicate the category below that best describes your profession.

- _____ Local Health Department
- _____ State Employee
- _____ Septic Tank Servicer (Pumper)
- _____ System Installer
- _____ System Designer
- _____ Service/Maintenance Provider
- _____ System Inspector
- _____ Equipment Sales/Manufacturer
- _____ Educator
- _____ Other (please describe): _____
- _____
- _____
- _____
- _____

MEMBERSHIP DISCOUNT

As indicated on the registration form, current paid up members of the following sponsoring associations are entitled to a \$10 discount from registration fees.

I AM A CURRENT PAID UP MEMBER OF:

- _____ **MOWRA** (Michigan Onsite Wastewater Recycling Association)
- _____ **MSTA** (Michigan Septic Tank Association)
- _____ **MEHA** (Michigan Environmental Health Association)

(REMEMBER TO SEND A COPY OF YOUR CURRENT MEMBERSHIP CARD OR CERTIFICATE WITH YOUR REGISTRATION)

REGISTRATION FORM – Remove and mail

Name: _____
 Agency/Business: _____
 Address: _____
 City/State/Zip: _____
 Phone (Daytime) _____ Fax _____
 E-mail: _____

CHECK WHICH DAYS/SESSIONS YOU WILL ATTEND

Tuesday - January 8 **“Education Day”**

Check the Tuesday session you wish to attend:

- National Association of Wastewater Technicians (NAWT) “Vacuum Truck Technician Training Certification Program” [Training \$150.00*]
- Other Sessions [No Fee]

Tuesday Fee \$ _____

- Two days, January 9 & 10, at \$90.00* \$ _____
- Wednesday, January 9 only at \$65.00* \$ _____
(includes sponsored social hour)
- Thursday, January 10 only at \$65.00* \$ _____

* REIMBURSABLE FOR MOST LICENSED SEPTAGE HAULERS

\$10.00 late fee after December 28 \$ _____
(including Tuesday)

Note: Full registration fee includes lunches on all three days, break snacks, social hour.

Current Sponsoring Association Members receive a \$10 discount from registration fees. *SEND A COPY OF YOUR CURRENT MEMBERSHIP CARD WITH YOUR COMPLETED REGISTRATION FORM*

\$10.00 Sponsoring Association Membership Discount \$(_____)

MSTA Banquet tickets: (up to 2 MSTA discounted for current MSTA members at \$10 each - (limit 2) Additional tickets can be purchased at \$30/each)

_____ MSTA Member Tickets at \$10.00/each \$ _____
(limit 2)

_____ Banquet Tickets at \$30.00 (Non-members) \$ _____

Total Enclosed: \$ _____

Make check PAYABLE to:

MICHIGAN WASTEWATER CONFERENCE

And MAIL check and registration form to:

MALPH Telephone: (517) 485-0660
 P.O. Box 13276 Fax No. (517) 485-6412
 Lansing, MI 48901



MSTA
P.O. Box 739
Roscommon, MI 48653

**62nd MICHIGAN ONSITE
WASTEWATER CONFERENCE
& EXHIBITS PRESENTS**

***“LEARNNG FROM OTHERS -
SHARING WITH OTHERS”***

JANUARY 8 - 10, 2013

KELLOGG HOTEL & CONFERENCE CENTER
MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN



REGISTRATION REQUIRED
Conference Registration by
December 28, 2012

Hotel Reservation by December 18, 2012

[Conference Rate \$78/Night + Tax]

Call Kellogg Center 800-875-5090 or 517-432-4000

Mention Group Code #MIO010713

Licensed Septage Haulers: CSE Hours (Continuing Septic Education Credits) are offered at the conference through MSTA. Enrollment is required by 12-28-12. The form can be found at www.msta.biz. Please contact Chanin Frank at 989-808-8648 with questions.

SPONSORS: MDEQ, MEHA, MOWRA, MSTA,
MSU, MWEA



«First_Name» «Last_Name»
«Company»
«Address»
«Address2»
«City», «State» «Zip»

Tuesday/January 8, 2013



**National Association of Wastewater Technicians (NAWT)
“Vacuum Truck Technicians Training
Certification Program”**

This training program is targeted at owners and employees who operate a vacuum truck to clean septic tanks, portable toilets, aerobic treatment units, holding tanks or grease traps. It offers the basics of safe vacuum truck operation, ideal for people new to the business, and a good refresher for experienced operators. Training is done through presentations, videos, and hands-on training using a vacuum truck.

Vacuum truck technician training includes:

- Basic pump truck operation.
- Materials to pump and avoid.
- Reasons to manage these materials.
- Pumps.
- Basic science of vacuum and pressurization.
- Truck equipment and components.
- Drive and control mechanisms.
- Basic and advanced pump-out skills and procedures.
- Loading and unloading.
- Safety and emergency response plans.
- Customer interaction and education.
- Manifests and reports.
- Government regulations.

The course fee (\$150 – *reimbursable for most Michigan licensed septage haulers*) includes an excellent illustrative/testing reference manual for future use. This course was developed in conjunction with the National Onsite Wastewater Education and Research Foundation, Inc. and the Pennsylvania Septage Management Association and has been accredited by the Michigan Department of Environmental Quality (MDEQ) for **6-hours continuing septage education.**

The Vacuum Truck Technician Training will be offered Tuesday 1/8/2013 from 8:30AM to 3:30PM and includes lunch.

Cost \$150 [note this program may not be offered if a minimum number of participants have not registered by 12/18/12].*

** REIMBURSABLE FOR MOST LICENSED SEPTAGE HAULERS*

OTHER (FREE) TUESDAY CONCURRENT SESSIONS:

8:30AM TO 3:30PM

- Concrete Corrosion in Septic Tanks
- Toxic Cyanobacteria Causes and Mitigation
- Sustaining Mounds, Electrical Control, Pumps, & Wiring Problems
- Pumps/Controls Good Maintenance
- Odor Emission Evaluations
- Soils Refresher
- Construction Surveying Techniques
- Pressure Distribution Design

Up to 6 (CSE) continuing septage education hours are being accredited through MDEQ for Tuesday. Lunch is provided with registration each day.

EXHIBITS OPEN 3:00PM TO 5:30PM - CASH GIVE-AWAYS

Wednesday/January 9, 2013

8:30AM to 11:00AM GENERAL SESSIONS

- House Bill 4578 & State Wide Sanitary Code [Special Guest - Michigan State Representative Ken Goike].
- Emerging Trends in Onsite Wastewater Treatment [Keynote Speaker - Dick Otis].
- Panel Discussion - National Onsite Wastewater Treatment Organizations with representatives from:
 - National Association Wastewater Technicians.
 - National Onsite Wastewater Association.
 - National Environmental Health Association.

BREAK IN EXHIBIT HALL 11:00AM to 12:00PM

LUNCH—INCLUDED 12:00PM to 1:00PM

OTHER SESSIONS 1:00PM to 3:00PM

- Floodplain Issues.
- Designing Onsite Systems for High Strength Wastewater.
- Affordable Gray Water Systems for the Home Landscape.
- MDEQ Question & Answer Session.

EXHIBITS OPEN 8:30AM TO 4:00PM - CASH GIVE-AWAYS

SOCIAL HOUR 5:30PM TO 6:30PM

MSTA BANQUET (TICKET REQUIRED) 6:00PM

Thursday/January 10, 2013

- Round Table Discussions (14+ tables) 8:15AM to 11:15AM
PLANNED ROUNDTABLES:

1. Processing of Liquid Waste with Energy Independence
2. Benefits in belonging to a Trade Association
3. Legal Matters
4. Record Keeping (volume records, cropping plans, blending, land application rates, etc.)
5. Blood Borne Pathogen Protection
6. Ways to Advertise your Business
7. Marketing & Regulatory Compliance
8. Directional Boring Technology.
9. PVC Cements & Solvents
10. How many Restrooms - Marketing ideas
11. Healthcare Reform update for Employees & Employers
12. Tippy Toilets (Portable Restrooms)
13. Pump & Dump (vs.) Pressure Distribution
14. Irrigation Lines & Septic Tanks

OTHER SESSIONS 11:15AM to 12:00PM

- Septic Treatment using Zero Discharge Plant-Based Septic Management System Integrated with Agriculture Production
- The Reality of the Portable Restroom Business

LUNCH—INCLUDED 12:00PM to 1:00PM

OTHER SESSIONS 1:00PM to 3:00PM

- Operating Permit Programs (Annual Inspection and Maintenance for Alternative and Large Commercial Systems)
- Trucking Regulations and the Septage Hauling Industry
- Allegan Wastewater Treatment Plant Superintendent agreed to speak about his insight and experience regarding the starting and operations of a successful septage waste receiving facility.

**3:00PM - PRIZE DRAWING IN AUDITORIUM –
MUST BE PRESENT TO WIN**

**LUNCH IS PROVIDED WITH REGISTRATION EACH DAY.
BOTH DAYS WILL BE FILLED WITH PLANNED
EDUCATIONAL SESSIONS.**