

James Bell - Keynote Speaker
NOWRA's Accomplishments and Direction for the
Future and How It Benefits Michigan

James "Jim" Bell, Retired Executive Vice President of Bio-Microbics, holds an M.S. in Sanitary Engineering from the University of Missouri and a B.S. in Civil Engineering from the University of Missouri in Rolla, Missouri. Mr. Bell has worked for 35 years as a Process Engineer for Smith & Loveless, Inc., designing wastewater treatment systems. In 2008, he joined Bio-Microbics as Executive Vice-President to provide process engineering and regulatory expertise. Mr. Bell is currently the Past President of the National Onsite Wastewater Recycling Association, (NOWRA) and the Vice-Chairman of the Joint Committee on Wastewater for the National Sanitation Foundation (NSF), which develops the NSF standards for small onsite wastewater treatment systems.

Liz Roxberry and Larry Stephens- Keynote Speakers
Fenner Nature Center Treatment and Reuse System

Liz Roxberry has been the Executive Director of Fenner Conservancy since January of 2015, previously serving as Interim Executive Director and the Program Manager since joining the organization in 2013. Formally known as the 'Friends of Fenner Nature Center,' Fenner Conservancy rapidly evolved from a friend's group to the non-profit managing arm of the municipally-owned nature center property in 2009. Liz has a documented history of leadership in the fields of non-profit management, environmental education, and natural resource relations, and she brings more than a decade of professional experience to the consulting team. At Fenner Conservancy, Liz oversees all strategic planning, visioning and organizational capacity building, mission driven fundraising, budget management, project implementation, team cohesiveness, and human resource relations.

Larry Stephens, PE (President and Owner) Stephens Consulting Services, PC holds a Master's of Engineering Degree in Environmental Engineering and has now spent over 50 years of his career studying onsite wastewater treatment while designing both large and small onsite wastewater systems. For the last 20+ years, he has also been a partner with Mike Stephens in SCS Systems LLC, a companion company that operates and maintains systems after installation. This operation and performance feedback, paired with problem troubleshooting, has been an invaluable asset to the system design experience. Larry has taught numerous workshops on this topic in recent years.

Mobile Truck Simulator

Participants at the conference will have the opportunity to get behind the wheel of the "Big Rig" (in the simulator) to learn more about their driving skills. The Michigan Center for Truck Safety is a non-profit organization dedicated to improving highway safety on Michigan's roadways, through comprehensive safety educational programs for Michigan's trucking industry.

**** All Day Workshop Available ****
Improved Techniques for Wastewater
Treatment and Dispersal

Tuesday 8:30am - 3:30pm
 (No CSE's for this workshop)

The 2020 Michigan Onsite Wastewater Conference will offer an all-day workshop on Wastewater Treatment and Dispersal. This workshop will cover many factors that are important for those involved in the design, permitting, and construction of onsite systems. It will be especially helpful for regulators, designers, contractors, and even system maintenance providers. Topics on the agenda include: equal distribution using pumps, design of equal distribution systems, triage and troubleshooting control panel problems, designing for nitrogen removal, high strength wastewater and how it affects our onsite systems, and more. For a complete agenda go to www.meha.net or www.msta.biz. **COST:** You must pay the cost of the conference plus an additional \$25 to cover the cost of materials. Please bring your laptop. Certificates of Completion will be provided to those completing the workshop. **There are no continuing septage education credits (CSE's) for this course.** To register: Check the appropriate box on the registration page of this flyer.

Hotel Information

Reserve your room(s) prior to 12-20-19.
 Kellogg Center 800-875-5090 or 517-432-4000.
 Group Code: 2020ONSITE
 Cost: \$103/night + taxes and fees

FOR MORE INFORMATION ON
TOPICS AND SPEAKERS, GO TO:

www.meha.net or www.msta.biz or contact
 Joel Kwiatkowski at 989-895-4107 or
 KwiatkowskiJ@baycounty.net

BOOTH INFORMATION CONTACT
 Dan Milan 800-756-4526

FACE TO FACE WITH EGLE

THE EGLE STAFF WILL BE MEETING WITH INDIVIDUAL HAULERS IN THE VISTA ROOM ON TUESDAY TO DISCUSS ANY ISSUES/CONCERNS THEY ARE FACING. THESE WILL BE 30 MINUTE BLOCKS AND SIGN UP IS REQUIRED AT THE REGISTRATION DESK. SESSIONS ARE ELIBIGLE FOR CSE CREDITS.

Fenner Nature Center Field Trip

There are 2 bus trips to Fenner Nature Center in East Lansing on Wednesday (1pm and 2:30pm). You will be learning about their treatment and reuse system. **There are no CSE's available for this trip.** Sign-up Sheet will be available at the registration desk on Tuesday and Wednesday.

Fill out this Registration Form if you want to pay by check
OR
go to www.msta.biz to register online.

Name: _____

Agency/Business: _____

Address: _____ City: _____ State/Zip: _____

Phone: _____ Email (required for email confirmation): _____

_____ Local Health Dept. _____ State Employee _____ Sales/Manufacturer _____ Educator
 _____ System Designer/Inspector _____ System Maintenance Provider _____ System Installer
 _____ Portables Only _____ Portables/Pumper _____ Pumper Only Other: _____

Conference registration fee includes lunch and break snacks. Tuesday registration also includes social hour.

Check Days Attending - REQUIRED

- | | | |
|---|----------|--|
| <input type="checkbox"/> Full Conference | \$150.00 | <input type="checkbox"/> After 12-20-19 Add \$15 Late Fee |
| <input type="checkbox"/> Tuesday Only (1-14-20) | \$65.00 | <input type="checkbox"/> After 12-27-19 Add \$25 Late Fee |
| <input type="checkbox"/> Wednesday Only (1-15-20) | \$65.00 | |
| <input type="checkbox"/> Thursday Only (1-16-20) | \$65.00 | <input type="checkbox"/> Onsite WW Treatment System Design Workshop. Add \$25
(Tuesday 8:30am - 3:30pm) No CSE's for this. |

SECTION SUBTOTAL \$ _____

CONTINUING SEPTAGE EDUCATION TRACKING PROGRAM

All participants of the conference will receive a CSE credit report if you select the box below. However, it is your responsibility to keep this report for proof that you took the classes. All MSTA members will also get the benefit of having their CSE credits stored electronically, in case the report is lost in the future. IMPORTANT: If non-MSTA members want their CSE credits stored electronically, there is a fee for this service (see below).

- I am a MSTA Member. My electronic tracking is free (membership status will be confirmed).
- I am not a MSTA member—I want my credit report but do not want my CSE's electronically tracked
- Tuesday CSE electronic tracking for non-MSTA Members – 6.0 Hours \$100.00
- Wednesday CSE electronic tracking for non-MSTA Members – 6.0 Hours \$100.00
- Thursday CSE electronic tracking for non-MSTA Members – 5.5 Hours \$100.00
- Late electronic tracking (after 12-23-19) for non-MSTA Members \$25.00 Late Fee

SECTION SUBTOTAL \$ _____

MSTA BANQUET TICKETS

- MSTA Member Tickets at \$10.00 Each—Limit 2 per Paid Membership \$ _____
- Banquet Tickets at \$30.00 Each—Additional Member or Non-member \$ _____
- NO BANQUET TICKETS NEEDED

SECTION SUBTOTAL \$ _____

TOTAL AMOUNT ENCLOSED (All fees in U.S. Dollars) \$ _____

NO REFUNDS AFTER DECEMBER 20, 2019 REGISTRATION DEADLINE

Make check PAYABLE to: MICHIGAN WASTEWATER CONFERENCE
And MAIL check and registration form to—MOWC

1181 LaCosta Drive
DeWitt, MI 48820

Please contact Karlyn Wickham with any registration &/or continuing education questions at executiveofficer@msta.biz or 989-808-8648. Printable form posted at www.msta.biz.

69th MICHIGAN ONSITE
WASTEWATER CONFERENCE
& EXHIBITS PRESENTS

“2020—A Clear Vision
for the Future”

JANUARY 14-16, 2020

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



REGISTRATION REQUIRED

Conference and Continuing Education
Registration Required by December 20, 2019

17.5 Continuing Septage Education (CSE)
Hours Offered

Hotel Reservation by December 20, 2019

Conference Standard Room Rate \$103/night + Tax
Call Kellogg Center 800-875-5090 or 517-432-4000

Group Code 2020ONSITE

SPONSORS: MSTA, MOWRA, MEHA,
EGLE and MSU



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY



MSTA (MOWC)
1181 LaCosta Drive
DeWitt, MI 48820

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

Tuesday, January 14, 2020
CONCURRENT SESSIONS
8:30AM TO 3:30PM

TRACK 1: LINCOLN ROOM

- Onsite Wastewater - Where We Are and Where We Could Be
- Septic Systems on Great Lake Coasts
- Demystifying Part 31 and Part 22 Rules
- 1994 MI Criteria for Subsurface Sewage Disposal
- EGLE Groundwater Permitting Process
- 2013 “draft” MI Criteria for Onsite Wastewater

TRACK 2: AUDITORIUM

- Safe Work Practices - Excavations/Confined Spaces
- Federal & State Motor Carrier Regulations
- Impacts on the Value of a Septic Business
- Integrity of the Septic Industry
- DOT Critical Driver Compliance
- Portable Toilet Industry

***TRACK 3: Room 104 A&B (No CSE Credits)**

All Day Workshop: “Improved Techniques for Wastewater Treatment and Dispersal”

*Additional \$25 fee applies to pay for cost of materials. No CSE’s for this workshop.

OUTSIDE:

- Mobile Truck Simulator (No CSE credits)

VISTA ROOM:

- EGLE One-On-One 30-minute segments, sign-up sheet at registration desk

6.0 CSE hours approved by EGLE for Tuesday

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

Wednesday, January 15, 2020

GENERAL SESSIONS 8:30AM to 11:15AM

- NOWRA’s Accomplishments and Direction for the Future and How it Benefits Michigan, *presented by James Bell, NOWRA Past President*
- Fenner Nature Center Treatment and Reuse System, *presented by Liz Roxberry, Fenner Nature Center*

CONCURRENT SESSIONS 1:00PM to 3:30PM

TRACK 1: LINCOLN ROOM

- Advances in Microbial Testing for Freshwater
- EGLE Question and Answer Session
- MOWRA Association Meeting (3:30PM)

TRACK 2: AUDITORIUM

- Website Tools - Office Preview for Site Evaluations
- USDA Rural Development Financing for Rural Sewer Systems
- MSTA Association Meeting (3:30PM)

Wednesday, continued

Soils Training and Texturing Workshop for Health Department Staff - Room 105 A&B (No CSE Credits)

Fenner Nature Center Bus Trip (No CSE Credits)

Onsite Registration available at the registration desk

OUTSIDE on Wednesday:

- Mobile Truck Simulator (No CSE credits)

6.0 CSE hours approved by EGLE for Wednesday

EXHIBITS OPEN 8:00AM TO 3:00PM

SOCIAL HOUR 5:30PM TO 6:30PM

MSTA BANQUET 6:30PM

Thursday, January 16, 2020

ROUND TABLE DISCUSSIONS

8:15AM to 11:15AM

1. Health Care Reform Update
2. Understanding Your Credit Card Processing Stmt
3. Pumper Stories
4. GIS Mapping
5. Ask the Pumper
6. Why Watertight Septic Tanks Are Important
7. USDA Rural Development Financing for Rural Sewer Systems
8. System Selection Based on Site Needs and Code Requirements
9. Land Application Septage Management
10. Tools That Can Help You Make Additional Profit in Servicing Septic Systems
11. Thinking about Buying or Selling a Septic Business? What You Need to Know
12. Challenges and Issues Installing Septic Systems in Bedrock

CONCURRENT SESSIONS 11:15AM to 3:00PM

TRACK 1: LINCOLN ROOM

- Putting Onsite Systems on Bedrock
- Harmful Algal Blooms—What Does the Science Say about Onsite Systems and HABs? [Panel]

TRACK 2:

- Innovative Septic System Accessories
- Portable Restroom & Installer Panel Discussion

OUTSIDE:

- Mobile Truck Simulator (No CSE credits)

5.5 CSE hours approved by EGLE for Thursday

3:00PM - Prize drawing in Auditorium
MUST BE PRESENT TO WIN

Session topics and speakers subject to change