

September 5, 2019

W Eric Casey
National Onsite Wastewater Recycling Association
4601 Fairfax Drive #1200
Arlington, VA 22203

Dear W Eric Casey:

On August 6, 2019, the Minnesota Pollution Control Agency (MPCA) Subsurface Sewage Treatment System (SSTS) Certification and Training Unit received your request for twelve (12) direct credits of Continuing Education training accreditation. This letter hereby authorizes one (1) direct and twenty and one-half (20.5) related Continuing Education credits toward SSTS certification requirements for persons successfully completing the October 13-16, 2019, Onsite Wastewater Mega-Conference. **Please be sure that each awarded Certificate of Attendance specifies the correct type and amount of Continuing Education credits.**

Note that this accreditation is based upon written materials being submitted and is subject to re-evaluation or cancellation if it is determined that the training has not met the objectives outlined in the Accreditation Application. The MPCA reserves the right to audit the course for content and accreditation eligibility at no registration cost to the auditor.

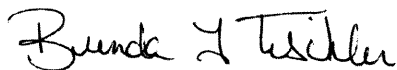
Within 21 working days of the training event, you must submit to the MPCA, a copy of every certificate of attendance awarded to those participants attending the entire session. Electronic versions of the template Certificate document and participant spreadsheet list, prior to merging, are preferred. Send files by email to my attention at the email address identified below or send paper copies to my attention at the mailing address provided above. **The MPCA will not accept Certificates that do not identify the correct type and amount of credits or are illegible due to unreadable handwriting.** NOWRA must maintain, for a minimum of three years, records of participants attending the entire session. Records must be available should future questions arise regarding attendance.

Should you have questions, please call me at 651-757-2111 or email me at ssts-info.pca@state.mn.us.

Table 1	
Presentation Title	Number and Type of Credits Awarded
Attached growth biological treatment of residential gray water with Eljen® GSF modules and #20 filter sand	0.5 Related Continuing Education Credits
Treatment of Michigan Winery Wastewater with Gravel Bed Vertical Flow Constructed Wetlands	0.5 Related Continuing Education Credits
Case study: Using algal biofilms to treat onsite commercial wastewater at a truck stop in rural Indiana	0.5 Related Continuing Education Credits
Consistent Compliance with Low Level Nutrient Limitations with Extreme Flow & Load Variation Using Small System Membrane Bioreactor	0.5 Related Continuing Education Credits
Understanding Colorado Geology; A Powerful Tool for Site Evaluation	1 Related Continuing Education Credit
Design, permitting and construction of an advanced onsite wastewater treatment system capable of meeting non-detect limits for total inorganic nitrogen in Colorado.	1 Related Continuing Education Credit
Accepting Septage at Your POTW	1 Related Continuing Education Credit

Table 1 (continued)	
Presentation Title	Number and Type of Credits Awarded
Odor Control	1 Related Continuing Education Credit
What to do with the Water and the Solids	1 Direct Continuing Education Credit
Troubleshooting Changing Water Flows	1 Related Continuing Education Credit
Troubleshooting Septic Tanks	1 Related Continuing Education Credit
Troubleshooting Septic Tanks Continued	0.5 Related Continuing Education Credits
Troubleshooting Media Filters	1 Related Continuing Education Credit
Microbiology in Advanced Treatment Systems	1 Related Continuing Education Credit
Troubleshooting Pumps and Controls	1 Related Continuing Education Credit
Troubleshooting Soil Treatment Systems	1 Related Continuing Education Credit
System Failure Identification	1 Related Continuing Education Credit
The Public Health Risks of Inadequate Wastewater Treatment	1 Related Continuing Education Credit
Does Your Tank Hold Water? Explaining Watertightness for Precast Concrete Tank.	1 Related Continuing Education Credit
Tank Buoyancy and Anti-Flotation Measures	1 Related Continuing Education Credit
The Smarter Way to Treat	0.5 Related Continuing Education Credits
Moving Bed Biofilm Reactor for Enhanced Denitrification	0.5 Related Continuing Education Credits
Evaluation of Chemicals of Emerging Concern at Rest Areas and a Land Application Site	1 Related Continuing Education Credit
Subsurface Fates of Contaminants from Onsite Septic Systems	1 Related Continuing Education Credit
Permit-Driven High Intensity Soil Survey Mapping for Planning Sewage and Stormwater Facilities	1 Related Continuing Education Credit

Sincerely,



Brenda L. Tischler
 State Program Administrator
 Municipal Division

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