Pressure Distribution and Pump Calculations
(For On-Site Soil Absorption Systems)
THURSDAY, DECEMBER 5, 2019 • NEWTON, MA

In this one-day, hands-on workshop, attendees will learn about the benefits of pressure distribution as a delivery mechanism to on-site soil absorption systems as well as the use of pumps which deliver wastewater to gravity feed conventional systems.

Pressure Distribution allows better management using timed application and a limited quantity of wastewater applied to the final dispersal in the soil absorption area. Calculations are necessary for sizing the system and pump operation. Conventional systems, Innovative/Alternative systems, and larger soil absorption systems over 2,000 gallons per day all utilize Pressure Distribution.

This workshop will discuss Massachusetts DEP Title 5 guidelines, but the basic concepts for pump selection, calculations, and pressure distribution will be generic for use across state lines.

INSTRUCTOR: Larry Stephens, PE. Larry is a national expert in the on-site wastewater profession and operates his own design/management business, Stephens Consulting Services, P.C.

Everyone will receive a Flash Drive with Larry Stephens’ Pressure Distribution Calculations Program.

This workshop is for Health Agents, Septic Designers (PEs and RSs), and any other interested septic professional.

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<th>8:30 AM</th>
<th>9:00 AM</th>
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<tbody>
<tr>
<td>Registration</td>
<td>Workshop</td>
<td>Workshop Ends</td>
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<td>Check-in &amp; Continental Breakfast</td>
<td>Session Begins (lunch is on your own)</td>
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- Pump to gravity flow systems vs. pressure distribution
- How pressure distribution works
- Pump calculations & Control panels
- Title 5 standards for pump use and pressure distribution
- Pressure distribution calculations (system sizing, orifice sizing and spacing) - YOWA Representative
- Pressure distribution examples (Hands-On computer problems - BRING YOUR OWN LAPTOP!)

REGISTER ONLINE BY NOVEMBER 27th

SPACE IS LIMITED. Pre-registration is strongly encouraged.

Workshop Fees: Members $100 • Non-members $150 • Non-members with 2020 membership $175
Location: Mount Ida Campus of UMass Amherst, 777 Dedham St, Newton, MA 02459
Training Contact Hours: The course is pending approval for Soil Evaluator/System Inspector but is approved for MA WW operators.

Attendees are required to bring a laptop to use during this workshop. Lunch may be purchased at Mount Ida/UMass campus cafeteria) or you may bring your own lunch.

Questions? Contact YOWA
c/o NEWEA, 10 Tower Office Park, Ste 601, Woburn, MA 01801-2155
Phone: 781-939-5710 • Email: yankeeonsite@gmail.com
www.yankeeonsite.org
REGISTRATION FORM: Pressure Distribution & Pump Calculations Workshop
December 5, 2019 - Newton, MA

First Name ____________________________________________
Last Name ____________________________________________
Company _____________________________________________
Address __________________________________________________________________________
City ____________________ State ________ Zip _____________
Phone ______________________________________________________________________________
Email ______________________________________________________________________________

Mail to: YOWA c/o NEWEA, 10 Tower Office Park, Ste 601, Woburn, MA 01801-2155 or FAX: 781-939-0907
Questions: Contact YOWA at 781-939-5710 or yankeeonsite@gmail.com
Registration Deadline - 11/27/19
Cancellations: If you are unable to attend, please contact us prior to 11/27/19. No refunds will be given after November 27, 2019.

Registration Fee:
YOWA Member* ☐ $100
Non Member ☐ $150
Non Member (incl. 2020 membership) ☐ $175

*YOWA/NOWRA Membership # ________________

Payment Method:
☐ Check enclosed / Made payable to YOWA
☐ Visa/MC/Discover/AMEX
# ________________________________ CVC ________
Exp.________ Signature _______________________

Register Online
https://www.newea.org/yowa-online-registration/

Space is limited. Register early.