

POWRA SPRING FIELD SESSION

Alternate Wastewater Technologies in Pennsylvania

June 11, 2015

8:30 AM to 4:30 PM

Milford Township, Bucks County

POWRA is planning a field trip to visit operational alternate technologies used in Pennsylvania, two spray irrigation systems (an IRSIS and a community system) and a regional wastewater treatment facility. At each location, there will be a discussion of the soils, design, permitting, and installation issues as presented by the designer, permitting SEO, and installer. The field trip will be limited to 40 people. Transportation and lunch will be provided.

8:00 – 8:30 Registration

8:30 – 9:00 Overview of the Day

9:00 – Noon Morning Field Stops

#1 Drip Irrigation on a 20 inch + limiting zone site

#2 Soil Air as a modification to a trench system with a less than 10 inch limiting zone

#3 Peat Filter (ECOFLO – Premier Tech) to an at-grade system with a 20 inch + limiting zone

#4 A small flow treatment facility with surface discharge using sand filters

#5 Micromound drip irrigation system on a shallow limiting zone soil (less than 20 inches)

#6 Peat Filter (ECOFLO – Premier Tech) to an at-grade system with a shallow limiting zone (less than 20 inches)

#7 An individual residential spray irrigation system (IRSIS) on a shallow limiting zone soil (less than 20 inches) with sand filters

Noon – 1:00 Lunch at the Molasses Creek Park

Sponsor Presentations

Award Presentation to Tim Damiani

1:00 – 4:30 Afternoon Field Stops

#8 Soil Air as a modification to an existing seepage bed with a 20 inch + limiting zone and the use of an Infiltrator IM-1530 plastic septic tank

#9 A small flow treatment facility with surface discharge using an Orenco Advantex Treatment unit

#10 A Peat Filter (Puraflo) to an at-grade system on a shallow limiting zone soil (less than 20 inches)

#11 An Eljen Geotextile Sand Filter on a shallow limiting zone soil (less than 20 inches)

#12 A 10,000 GPD lagoon treatment system using spray irrigation

#13 A tour of the Milford-Trumbauersville Area Wastewater Treatment Facility



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REGISTRATION FEE: \$50.00 for POWRA, PSMA, PASEO, and PAPSS members
\$75.00 for all others

REGISTRATION DEADLINE: **MUST BE RECEIVED BY JUNE 3, 2015**

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Name: _____

Address: _____

Phone Number: _____

Email Address: _____

Affiliated Organization: _____

Please mail form and check to: POWRA
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