



WESTERN PENNSYLVANIA WATER POLLUTION CONTROL ASSOCIATION

Representing Counties of: Allegheny, Armstrong, Beaver, Butler, Clarion, Crawford, Erie, Fayette, Forest, Greene, Indiana, Jefferson, Lawrence, Mercer, Venango, Warren, Washington and Westmoreland

W.P.W.P.C.A. TRAINING NOTICE

TOPICS: **WORKSHOP 1: BOD, METABOLISM, SLUDGE PRODUCTION AND ORP;**
WORKSHOP 2: TROUBLESHOOTING THE SBR

INSTRUCTOR: Michael H. Gerardi, Wastewater Biologist
Water Pollution Biology

DATE: Thursday, April 9, 2009

SCHEDULE:

7:30 – 8:00	Registration
8:00 – 8:40	BOD Quality, Quantity, Timing & Impact Upon Treatment
8:40 – 9:40	Aerobic, Anoxic & Anaerobic Degradation of CBOD and Impact Upon Treatment
9:40 – 10:20	Sludge Production: Operational Factors
10:20 – 11:00	ORP: What is it and How it is Used for Process Control / Troubleshooting
11:00 – 12:00	Lunch (On Your Own)
12:00 – 12:30	SBR: Cycles, Phases, and Use of Static, Mix and Aerated Fill
12:30 – 2:20	Sampling and Monitoring Phase Performance
2:20 – 2:35	Correcting Undesired Nitrification and Denitrification
2:35 – 2:50	Biological and Chemical Phosphorus Removal
2:50 – 3:00	Microscopy

LOCATION: Cranberry Township Municipal Building <Phone (724) 776-4171 for directions only>
2525 Rochester Rd., Cranberry Township, PA 16066

REGISTRATION: **PRE-REGISTRATION BY MAIL ONLY TO RESERVE A SPOT**
Pre-registration deadline is April 6, 2009. Space is limited to the first 40 registered.
Members: \$60.00 per person Non-members: \$85.00 per person

THESE WORKSHOPS ARE PADEP APPROVED FOR A TOTAL OF 6 WASTEWATER CONTACT HOURS. EACH PARTICIPANT WILL RECEIVE CERTIFICATE OF COMPLETION.

W.P.W.P.C.A. TRAINING REGISTRATION FORM APRIL 9, 2009

NAME: _____ **PHONE / EMAIL:** _____
ADDRESS: _____ **CLIENT ID #:** _____
_____ **AMT. ENCLOSED:\$** _____

Please return your registration for this training to:

Robert J. Bible
128 Trinity Drive
Aliquippa, PA 15001

Ph. (412) 922-5575; Fax (412) 922-3717

Make checks payable to WPWPCA (Western Pennsylvania Water Pollution Control Association)