

Greenhouse Gas Accounting for Wastewater Treatment & Biosolids Management

NJWEA Technology Transfer

March 4, 2010 - Sheraton - Eatontown, NJ



Mid-Atlantic Biosolids Association
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Greenhouse gas accounting is a hot topic, especially in the Northeast. This workshop will give you an understanding of the issues and will provide the tools needed to estimate greenhouse gas emissions from your facility and your biosolids program in particular. There are uncertainties, but we have to start taking inventories now in an effort to prioritize our efforts. Energy efficiency actions will save you money for now. Do it. But don't forget that CH₄ and N₂O are high global warming potential (GWP) gases that must be evaluated to have a

complete picture of your "carbon footprint." By keeping up-to-date on this topic area, you can help define future protocols, methodologies, and regulatory systems that will affect our profession for the long term. You will be better able to minimize negative impacts of these changes.

Who should attend? Operators and other wastewater professionals who want to acquire the tools and basic knowledge of how to determine greenhouse gas emissions from their facilities. Learn where we are today and about voluntary emissions inventories & reporting. EPA regulation or action from Congress is certainly coming, and this session will provide information on immediate steps we can take without wasting time or effort. The economic benefit from GHG reductions is currently small, but reducing energy use saves money and there is future potential for trading in greenhouse gas reductions.

Program			
8:30 a.m.	Background on Greenhouse Gas Emissions: Implications for Wastewater and Biosolids Ned Beecher, Exec. Director, Northeast Biosolids and Residuals Association Andrew Carpenter, Principal, Northern Tilth	1:00 p.m.	Estimating Greenhouse Gas Emissions from Biosolids Management Activities Ned Beecher, Executive Director, NEBRA Andrew Carpenter, Principal, Northern Tilth
9:30 a.m.	Focus on Energy and CO₂ Emissions Ned Beecher, Executive Director, NEBRA	1:30 p.m.	Applying the "BEAM" Calculator to a Typical Northeast Biosolids Program Andrew Carpenter, Principal, Northern Tilth
10:00 a.m.	Coffee Break (included)	2:30 p.m.	Why Are We Doing This? What are Current Limitations? Where Will it Lead? John Willis, Brown and Caldwell Ned Beecher, Executive Director, NEBRA
10:15 a.m.	Example Using the Local Governments Operations Protocol at DCWASA John Willis, P. E., Brown & Caldwell	3:00p.m.	Session Ends
11:45am	Lunch (included)		

Session including breaks and lunch is \$99.00
Course #03-01 10 19 2-0 (5.0 TCH W W)
CPWM Course NJWEA-DLGS-507, 5 Hr. Tech

Go to **NJWEA.org** for entire program or for more information & directions to Sheraton Eatontown

Registration Form

Pre registration by mail and fax by February 26th.
Please mail to: NJWEA Registrar, P.O. Box 233, Cedar Grove, NJ 07009
Fax: 973-239-9239 Faxed registration credit card or PO only

Last Name _____ First Name _____

Social Security Number XXX/XX/ _____ Phone _____

Company _____

Address _____

City _____ State _____ Zip _____

NJDEP Operator Number _____ Classification _____

Payment _____ Check _____ Visa _____ Mastercard (\$5.00 surcharge for credit card) PO/Voucher No. _____

Card Number _____ CVV2(3 digit on card back) _____ Expiration Date _____

Signature _____ NJWEA/WEF Member Number _____