



Course Overview - 3 days/21 lessons

Day 1

- Course Introduction and Overview
- Solid Waste and Landfill Basics
- Landfill Regulations
- Landfill Location and Site Layout
- Modern Landfill Design and Construction
- Screening of Prohibited and Problematic Wastes
- Landfill Equipment

Day 2

- Basic Operational Techniques Part I and II
- Leachate Management
- BIOGAS Management
- Groundwater Monitoring
- Field Exercise (where feasible)

Day 3

- Landfill Operational Plan
- Communications
- Bioreactor Landfills
- Closed Landfill Issues
- Compliance Inspections
- Safety Contingency Countermeasures
- Landfill Economics
- Course Wrap-Up and Evaluation

Course Objective: To provide professionals involved in the daily management of municipal solid waste landfills with the basic information to run a successful operation

Course Content: This 3-day course consists of presentations by SWANA landfill certified instructors, classroom exercises, case studies and a half-day tour and field exercise at a local landfill. Please bring a calculator for class activities.

Upon completion of this course you will:

- Understand the issues to be considered when planning, operating, and closing a landfill, including landfill economics.
- Learn the basics of landfill site restrictions and how to comply with design requirements.
- Know about compliance inspections and basic regulatory standards.
- Become familiar with waste acceptance and screening requirements.
- Learn about leachate and landfill gas management.
- Become familiar with bioreactor landfill operations.
- Understand the importance of safety and contingency plans.
- Learn about communication with staff and the community.
- Receive instruction in all of the areas that will be tested through SWANA's Landfill Certification Exam.

Certification: To become SWANA Certified, you must register separately and pay the certification fee to take the Certification Exam and pass the exam with a minimum score of 70%.

Your registration includes:

- All course materials
- Coffee/tea in the morning
- Morning and afternoon breaks
- Light box lunch
- Tour of a local facility (where feasible)



Math not your favorite subject? "MOLO - Just the Math" Can Help!

Conquer the anxiety-inducing math section on SWANA's Landfill Certification Exam with the MOLO - Just the Math E-Course. This instructor-led online course is offered throughout the year to help you overcome the dreaded calculations that managers of landfill operations need to know. Visit www.SWANA.org/MOLO for more details.



P.O. Box 7219
Silver Spring, MD 20907-7219

*If recipient is no long with this office,
please forward to:
Solid Waste Director - Solid Waste Manager
Landfill Manager - Landfill Operator
Landfill Gas Technician*



Shape the Landscape of Your Career: Become MOLO trained and SWANA Certified.
For more information, visit www.SWANA.org/MOLO.

"The SWANA MOLO Course is the premier landfill training experience. MOLO has a threefold benefit for landfill managers and operators. First - It is based on the federal rules (40 CFR part 258, Subtitle "D" or RCRA). Second - It is "hands-on." Students actually visit a facility to observe operations. Third, and probably most important, the interactive exchange of landfill practices and conceptual ideas allows students to learn from each other."

Gene Kramer, Project Manager
Foth Infrastructure & Environment, LLC

Non Profit
Organization
U.S. Postage
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Permit No. 3352
Silver Spring, MD



SOLID WASTE ASSOCIATION OF
NORTH AMERICA (SWANA)

MOLO Manager of Landfill Operations (MOLO) Course

Register Online at www.SWANA.org/MOLO.

MOLO Highlights:

- Summary of regulations impacting landfill owners and operators
- Descriptions of the most recent advances in landfill operations equipment, alternative cover materials, leachate treatment systems and landfill gas control techniques
- Discussion of controversial and potentially problematic waste streams faced by landfill operators, including debris from terrorist attacks, diseased animals, treated wood, electronic devices and gypsum drywall



The Value of SWANA Certification

SWANA Certification has become a benchmark in the solid waste industry. More than 3,000 solid waste professionals have already chosen SWANA Certification, earning themselves:

- Competence in Regulatory Requirements
 - Access to the latest in industry innovation and technology
 - An edge over the competition when seeking a promotion or new employment
 - Recognition for their industry knowledge and capability
- And so much more...

Already MOLO Certified?

Manager of Bioreactor Landfill Course

Learn about bioreactor landfill technology with this prep course for the SWANA Bioreactor Landfill Certification Exam. Explore the methods of introducing air and water into landfill cells while at the same time discovering how this cutting-edge technology can increase landfill gas activity. Visit www.SWANA.org/MOLO for more details.

Landfill Certified Managers receive 20 CEUs for completing the Manager of Bioreactor course.

You can also continue to increase your knowledge base with an array of technical presentations and training opportunities while earning the CEUs you need to keep your certification.

Earn 30 CEUs at the following events without retaking MOLO!

33RD ANNUAL LANDFILL GAS SYMPOSIUM
March 8-11, 2010 - San Diego, CA
www.lfg.swana.org

SPRING TRAINING CENTER in conjunction with the 15TH ANNUAL LANDFILL SYMPOSIUM AND PLANNING & MANAGEMENT CONFERENCE
April 12-17, 2010 - Reno, NV
lfgm.swana.org

WASTECON 2010
August 15-17, 2009 - Boston, MA
www.WASTECON.org

Visit www.SWANA.org or call 1.800.GO.SWANA (467-9262) for more information.

Schedule of courses

Manager of Landfill Operations (MOLO)

2010 WINTER TRAINING CENTER
February 8-10, 2010 - Charlotte, NC
www.thinkingoutsidethebluebox.org

SPRING TRAINING CENTER
April 12-14, 2010 - Reno, NV
lfgm.swana.org

WASTECON 2010
August 14-16, 2010 - Boston, MA
www.WASTECON.org

Manager of Bioreactor Landfill

WASTECON 2010
August 16-17, 2010 - Boston, MA
www.WASTECON.org

Visit www.SWANASTore.com for upcoming training opportunities or email SWANA at learn@swana.org.

Can't Get Out of the Office?

If you don't have time to fit any SWANA events into your busy schedule, SWANA offers a variety of other options to get the training you need.

On-site Training

On-site training provides you with the unique opportunity to bring a SWANA classroom to your workplace. These user-friendly training and educational materials make it easy to train your entire staff in basic MSW Operations without leaving your facility. Available training packages:

- Landfill Operations Basics (formerly Training for Sanitary Landfill Operation Personnel) - UPDATED COURSE
- Waste Screening at MSWM Facilities Training Package - UPDATED COURSE
- Health and Safety for MSW Landfill Personnel Training Package.

Instructor-Led E-Courses

Offered throughout the year, instructor-led e-courses include traditional courses and brand new offerings. All you need for these courses is a phone line and an internet connection. Visit www.SWANASTore.com for upcoming courses.

Home Studies and Self-Paced E-Courses

Work at your own pace in the convenience of your home or office. Courses include:

- Landfill Operations E- Course
- Integrated Solid Waste Management E-Course
- Landfill Gas Home Study
- Waste Screening at MSWM Facilities Home Study
- Leachate Generation, Collection and Treatment Home Study
- Groundwater Monitoring Home Study

E-Course Recordings

If you missed an E-Course that you really wanted to attend, you now have the option of downloading the recording. Recordings currently available:

- Landfill Operations Basics
- Recycling Contracting and Collection: A Path to Optimizing Solid Waste Services
- Operations Efficiency at Landfills E-Course
- MOLO: Just the Math Recorded E-Course
- Creating New Local Solid Waste Management Plans in New York Recorded E-Course

SWANA Registration Form

Mr. Mrs. Ms. Name _____ SWANA Membership # _____

Title _____ Organization _____

Mailing Address _____

City _____ State/Province _____

Zip/Postal Code _____ Country _____

Phone _____ Fax _____

Email _____

Please check here if you DO NOT want your contact information included on the attendee list distributed at the conference.

Please check here if you are requesting vegetarian meals or have any dietary or ADA needs and attach documentation.

Please check here if your billing or shipping address is different than your mailing address and attach the addresses to this form.

				TOTAL	
Join SWANA and Save!					
<input type="checkbox"/> Public Sector Individual: \$171		<input type="checkbox"/> Private Sector Individual: \$331			
<input type="checkbox"/> Small Business \$231		<input type="checkbox"/> Student \$60		<input type="checkbox"/> Retired \$60	
Join a Technical Division					
<input type="checkbox"/> Landfill Management	<input type="checkbox"/> Waste-to-Energy	<input type="checkbox"/> Planning & Management		\$40/Division	
<input type="checkbox"/> Landfill Gas Management	<input type="checkbox"/> Recycling & Special Waste				
<input type="checkbox"/> Collection & Transfer	<input type="checkbox"/> Communication, Education & Marketing				
		Early Registration		Within 30 days of the Course	
		Member	Non-Member	Member	Non-Member
Manager of Landfill Operations					
<input type="checkbox"/> Charlotte, NC — Feb. 8-10		\$715	\$865	\$765	\$915
<input type="checkbox"/> Reno, NV — April 12-14					
WASTECON 2010 – August 14-18 - Boston, MA (Course registration includes the Opening Reception, Exhibit Hall, Technical Sessions, Networking Event and the Closing Reception.)		Member		Non-Member	
<input type="checkbox"/> Manager of Landfill Operations August 14-16		\$930		\$1102	
<input type="checkbox"/> Manager of Bioreactor Landfills August 15-16		\$740		\$1022	
Certification Testing					
<input type="checkbox"/> Landfill					
<input type="checkbox"/> Bioreactor Landfill					
Choose a Test Date and Time:					
<input type="checkbox"/> Charlotte, NC — Feb. 11 _____ 7:00 am					
<input type="checkbox"/> Charlotte, NC — Feb. 13 _____ 7:00 am					
<input type="checkbox"/> Reno, NV — April 15 _____ 7:00 am		\$175		\$300	
<input type="checkbox"/> Boston, Mass — Aug. 17 _____ 8:00 am					
<input type="checkbox"/> Silver Spring, MD — Available by appointment.					
Email certification@swana.org to arrange a time.					
Recertification					
<input type="checkbox"/> Landfill		Expiration Date _____		\$200 per recertification	
<input type="checkbox"/> Bioreactor Landfill		Expiration Date _____			
GRAND TOTAL					\$

Method of Payment:

Please read SWANA Payment and Cancellation/Refund Policies below, select a payment method, and sign the Payment Acknowledgement below.

My check for \$ _____ made out to SWANA is enclosed

My P.O. # is _____ (copy of PO must be attached)

Charge to: Visa Mastercard Discover American Express Diners Club

Card Number _____ Expiration Date _____

Cardholder's Signature _____ Date _____

PAYMENT POLICY: If you must process your payment through your organization, please submit your registration in advance and indicate payment to follow. Payment must be received prior to the start of the event to be admitted. SWANA accepts cash, checks, money orders, American Express, Diners Club, Discover, MasterCard, and Visa for payment of all events. Purchase orders for future invoicing will be accepted from individuals who have been members of the organization for at least 90 days and who have an account in good standing. A copy of all Purchase Orders must accompany the registration form.

Cancellation/Refund Policy: Cancellations for SWANA meetings must be in writing. Phone cancellations will not be accepted. Refunds will be issued as follows: 30 days or more prior to the start of the event, 100% of the registered conference amount less a \$50.00 administration fee, (we will not issue refunds for tours and other special events offered during the conference). Any cancellations received less than 30 days from the start of the event will be eligible for a SWANA future event meeting credit worth 50% of the registered conference amount, (not including tours and other special events offered during the conference). This meeting credit can be used for any future SWANA national event and is good for one (1) year from the date of issue. We Invoice for no shows!!!

Payment Acknowledgement: (Required) PLEASE SIGN AND DATE BELOW INDICATING THAT YOU HAVE READ AND UNDERSTAND THE PAYMENT AND REFUND POLICIES ABOVE. REGISTRATIONS WILL NOT BE PROCESSED WITHOUT SIGNATURES.

SIGNATURE _____ DATE _____

Register online at www.SWANASTore.com!

Register Toll Free by Phone:
1-800-GO-SWANA (467-9262)

Fax Form to:
Attn: Registration
301-589-7068
301-585-0297

Mail form to:
SWANA
Attn: Registration
PO Box 7219
Silver Spring, MD 20907-7219



SWANA
SOLID WASTE ASSOCIATION
of North America

