



MOLO

Manager of Landfill Operations (MOLO) Course

Register on-line at
www.SWANASTore.com

NEW!

**BIOREACTOR
LANDFILL MANAGER
COURSE**



Become MOLO trained and certified.
Shape the landscape of your career.

Manager of Landfill

2005 TRAINING COURSE OUTLINE

LESSON 1

Introduction and Pretest

An overview of the three-day program. A short test is given to aid the students and faculty in better understanding the extent of knowledge of the students.

LESSON 2

Landfill Site Restrictions

Addresses the various factors, which go into selecting a site for a landfill, and how that selection affects the design and operation of a landfill.

LESSON 3

Complying with Design Requirements

Review the principles of landfill design and learn more about plan review, reading, plan interpretation and field interpretation of design.

LESSON 4

Waste Acceptance & Screening

Addresses the importance of maintaining control of the wastes being delivered to a landfill including asbestos, hazardous waste, biomedical waste, recyclables, toxics, etc.

LESSON 5

Leachate Bioreactor Landfill

Addresses the potentially detrimental and beneficial effects of biological phenomena as the waste decomposes; how various waste effects the decomposition process and examine the various control and treatment technologies for landfill gas and leachate.

LESSON 6

Landfill Gas

Provides instruction to understanding review processes associated with the generation and movement of landfill gas; how to monitor landfill gas and acquire a basic understanding of the treatment and management of landfill gas.

LESSON 7

Operational Techniques

Provides instruction on the most acceptable and advanced techniques of landfill operation. The lesson will discuss waste control, equipment utilization, staffing of operations, optimum utilization of site capacity, cell construction and procedures to determine compliance with design and permit conditions.

LESSON 8

Compliance Inspection

Provides instruction for landfill enforcement officers and managers of landfills on the techniques of inspection of landfills. A landfill evaluation/inspection technique is used as part of the field exercise to emphasize inspection techniques.

LESSON 9

Field Exercise

Provides an opportunity for students to go into the field and review the concepts taught in the classroom. Included in the field exercise are hands-on stations for operations, groundwater sampling, soils, landfill gas sampling, and an opportunity to evaluate the landfill against the design and permit conditions of the facility.

SWANA'S NEW BIOREACTOR LANDFILL MANAGER COURSE

Coming July 12-14, 2005 –
Philadelphia, PA

SWANA's new Bioreactor Landfill Manager course will debut at our SWANA Training Center in Philadelphia.

To qualify for the Bioreactor Training Course and Certification program, you must be SWANA Landfill Certified.

Don't miss the opportunity to
add Bioreactor Landfill Manager
Certification to your resume.

**MATH NOT YOUR
FAVORITE SUBJECT?**

MOLO — Just the Math Can Help!

Today's Specials

MOLO — Just the Math is our newest online course and it's already helping people deal with the dreaded math section on our landfill certification exam.

Sign up for the course and our certified instructors will walk you through everything from calculating surveying to slope.

Visit www.SWANASTore.com for more details including when the course will be offered next.

WELCOME TO SWANASTORE.COM!

Where all the information for an MSW professional is here at your fingertips.

Operations (MOLO)

LESSON 10

Closure & Long-term Care

Addresses the requirements for closure and post-closure of a landfill. Discussed will be items such as final cover, final cover maintenance, groundwater and landfill gas monitoring and settlement control.

LESSON 11

Landfill Economics

Examines the economics of landfill design and operation, and will relate to the costs of equipment, staffing, operations, and compliance monitoring.

LESSON 12

State/Provincial Regulations

Reviews the landfill regulations of the state/province in which the course is being taught. Presented by a state/provincial representative.

LESSON 13

Communications Chapter

Addresses the importance of good communications with internal and external stakeholders. A small group exercise is used to reinforce what was learned in this lesson.

LESSON 14

Safety & Security

Reviews the basics of landfill safety, including controlling and preventing site access.

YOUR REGISTRATION INCLUDES:

- All course sessions and materials
- Coffee / Tea in the AM
- Morning and Afternoon Breaks
- Light Box Lunch
- Tour of Local Facility

HOTEL INFORMATION

ORLANDO MOLO TRAINING

January 10-13, 2005

Wyndham Orlando Resort

8001 International Drive

Orlando, FL 32819

P: 800-4218001

Rate: \$115 Single/Double \$145 Jr. Suite

Cut off for group Rate: 12/10/04

Reference: Solid Waste Association of North America

SWANA TRAINING CENTER IN LAS VEGAS

April 18-21, 2005

Flamingo Las Vegas Casino Hotel

3655 Las Vegas Boulevard

Las Vegas, NV 89109

P: 800-732-2111

Rate: \$99 Single \$119 Double

Cutoff for group rate: 3/17/05

Reference: Solid Waste Association of North America

SWANA TRAINING CENTER IN PHILADELPHIA

July 11-14, 2005

Crown Plaza Philadelphia City Center

1800 Market Street

Philadelphia, PA 19103

Rate: \$109 Single/Double/Triple/Quad

Cutoff for group rate: 6/18/05

P: 215-561-7500

Reference: Solid Waste Association of North America

WASTECON 2005

September 25-28, 2005

Austin Convention Center

Austin, TX

For more information, visit www.WASTECON.org

RESERVE YOUR SPACE TODAY!

**THIS COURSE WAS DESIGNED WITH
ONE GOAL, HELPING LANDFILL
PROFESSIONALS IMPROVE THEIR
OPERATIONS AND IN TURN,
GROW THEIR CAREER.**

**—JOHN H. SKINNER
SWANA EXECUTIVE DIRECTOR & CEO**



2005 MOLO TRAINING COURSE REGISTRATION FORM

Register on-line at www.SWANASTore.com

Mr. Mrs. Ms.

Name _____

Nickname (for badge) _____ SWANA Membership # _____

Title _____ Organization _____

Address _____

City _____ State/Province _____ Zip/Postal Code/Country _____

Phone _____ Fax _____

e-mail _____

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

REGISTER TOLL-FREE
BY PHONE:
CALL
1-800-GO-SWANA
(467-9262)

On-line at
www.SWANASTore.com

MAIL FORM TO:
SWANA,
Attn: Registration,
PO Box 7219,
Silver Spring, MD 20907-7219

OR FAX FORM TO:
Attn: Registration,
301-585-0297 or
301-589-7068

- JANUARY 10-12 — ORLANDO, FL
- JANUARY 13 — CERTIFICATION EXAM
- APRIL 18-20 — LAS VEGAS, NV
- APRIL 21 — CERTIFICATION EXAM

- JULY 11-13 — PHILADELPHIA, PA
- JULY 14 — CERTIFICATION EXAM
- SEPTEMBER 25-27 — AUSTIN, TX
- SEPTEMBER 28 — CERTIFICATION EXAM

REGISTRATION OPTIONS To be trained and certified, select both training and certification registration below.
REGISTRATION FEES

	PRIOR TO 30 DAYS FROM COURSE DATE		WITHIN 30 DAYS OF COURSE DATE	
	Member	Non-Member	Member	Non-Member
<input type="checkbox"/> Training Course Registration only	<input type="checkbox"/> \$645	<input type="checkbox"/> \$795	<input type="checkbox"/> \$695	<input type="checkbox"/> \$845
<input type="checkbox"/> Certification Testing Registration Only	<input type="checkbox"/> \$125	<input type="checkbox"/> \$250	<input type="checkbox"/> \$125	<input type="checkbox"/> \$250
<input type="checkbox"/> Both Training and Certification	<input type="checkbox"/> \$770	<input type="checkbox"/> \$1045	<input type="checkbox"/> \$820	<input type="checkbox"/> \$1095
<input type="checkbox"/> Recertification (does not include Training Course)	<input type="checkbox"/> \$150		<input type="checkbox"/> \$150	
SWANA MEMBERSHIP	<input type="checkbox"/> Public: \$141 <input type="checkbox"/> Private: \$301		<input type="checkbox"/> Small Business: \$199	
	<input type="checkbox"/> Student member: \$55		<input type="checkbox"/> Retired \$55	

TOTAL DUE \$ _____

(All course fees are in U.S. Dollars)

METHOD OF PAYMENT

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

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

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

Charge to: Visa MasterCard Discover American Express Diners Club

Card #: _____ Exp. Date: _____

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 writing. Phone cancellations will not be accepted. Refunds will be issued on the date of receipt of the written cancellation and will be issued as follows: 30 days or more prior to the start of the event, 100% refund 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 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!!!**

From time to time, SWANA uses faxes, e-mail and the telephone to make our friends aware of opportunities we feel might be of interest. We would like to obtain your consent to continue to contact you with these pieces of information. Please take a moment to check the options that correlate to ways in which you wish to be contacted. Fax E-Mail Telephone

PAYMENT ACKNOWLEDGMENT: (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 signature.

Signature: _____ Date: _____

Take advantage of this year's MOLO opportunities designed especially for you and your staff!

MOLO
AIM

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

OBJECTIVES: 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;
- Be 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; and
- Receive instruction in all of the areas that will be tested through SWANA's certification exam.

COURSE CONTENT: This 3-day course consists of presentations by MOLO certified instructors, and state/provincial regulators; class room exercises; case studies and a half-day tour and field exercise at a local landfill. Please bring a calculator capable of handling seven digits for class activities.

CERTIFICATION: Certification candidates need to register and apply to sit for SWANA's Certification Exam.

Shape the
landscape
of your
career.

**Get SWANA
certified.**

Exams are given the day following each course.

To learn more about SWANA's Certification

Program, just call

1-800-GO-SWANA

(467-9262) or visit

our website at

www.SWANA.org



MOLLO

Set your career in motion.

Become SWANA certified or earn up to 30 CEU's toward re-certification!



TOLAND ROAD LANDFILL, 2003 LANDFILL SILVER EXCELLENCE AWARD WINNER

NEW DATES AND LOCATIONS FOR 2005



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

U.S. Postage
PAID
Private No. 7072
Silver Spring, MD

*Don't miss the
opportunity to
become Bioreactor
Landfill Manger
Certification!*

*See details inside
and register online at
www.SWANASTore.com*