

Massachusetts Office of Technical
Assistance and Technology
100 Cambridge Street, Suite 900
Boston, MA 02114
617-424-1000
www.mass.gov/ota/ota



March 28 – 29, 2007

Welcome to the Massachusetts Marina Industry Regulatory Compliance Workshop.

Today's workshop is sponsored by the MA Office of Coastal Zone Management in partnership with the US Environmental Protection Agency, MA Department of Environmental Protection and the MA Office of Technical Assistance with Coordinating Assistance from the Massachusetts Marine Trades Association. This workshop has been developed to help you, marina, boat yard and yacht club professionals, comply with some of the more challenging and important environmental regulations faced by the marine industry, including pressure washing, hazardous waste, and stormwater management.

Throughout the day you will hear from and interact with state and federal officials and marine industry colleagues who have begun to address the challenges that are the focus of the workshop. We hope you can feel comfortable asking questions, raising issues, and seeking additional guidance to help you meet the challenges of compliance. For today, the regulators are leaving their clipboards and checklists at home! If, for any reason, you wish to pose a question anonymously—please pass your question in writing to one of the MA Marine Trade Association representatives, who would be happy to ask the question on your behalf.

This workshop does not end at the close of the day's proceedings. The Massachusetts Marine Trades Association will host a webpage where you may access and download complete Workshop Presentations, Regulator Contact Information, and Vendor-Exhibitor Contacts at www.boatma.com/czmworkshops/presentations/ We hope the contacts you make today will mark the beginning of new dialogue and exchange of information and expertise among the marine industry, regulators, advisors, solution providers and industry representatives.

Thank you again for your participation. We understand that your voluntary participation in this event requires you to commit your valuable time and resources. We recognize and appreciate your commitment to complying with important environmental regulations and minimizing impacts to our shared coastal resources.

Sincerely,

MA OFFICE OF COASTAL ZONE MANAGEMENT

Jay Baker, Coastal Nonpoint Program Coordinator
Robin Lacey, Marina Program Coordinator

MA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Laurel Carlson, Environmental Analyst
Helen Waldorf, Bureau of Waste Prevention

MA OFFICE OF TECHNICAL ASSISTANCE

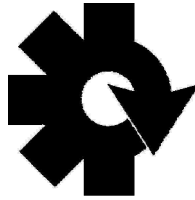
Gerald P. Podlisny,
Process Engineer/Environmental Analyst

U.S. ENVIRONMENTAL PROTECTION AGENCY R1

Larry Wells, Compliance Assistance Coordinator

MA MARINE TRADES ASSOCIATION

Nathalie Grady, Public Affairs Director
Leona S. Roach, Executive Director



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Workshop Agenda

Meeting the Challenges of Pressure Washing, Stormwater, and Hazardous Waste Management

7:45-9:00 **Registration and Breakfast**

9:00-9:10 **Welcome and Introduction**

Jay Baker, Coastal Nonpoint Program Coordinator
 Massachusetts Office of Coastal Zone Management, 251 Causeway St. Suite 800 Boston, MA 02114
 T: (617) 626-1204
 E: Jason.Baker@state.ma.us

9:10-9:30 **“Four-Box” Approach to Compliance with Environmental Regulations**

Laurel Carlson, Environmental Analyst
 Massachusetts Department of Environmental Protection, Bureau of Waste Prevention
 1 Winter Street- 8th floor, Boston, MA 02108
 T: (617) 292-5822
 E: Laurel.Carlson@state.ma.us

By sorting your environmental obligations into the “Four – boxes” you can identify your top environmental priorities and minimize your exposure to enforcement and penalties. This presentation describes the four-box approach and also will provide you insight into how MassDEP conducts enforcement and determines penalties for violations of environmental regulations.

9:30-10:00 **Pressure Washing: The State and Federal Regulatory Environment**

Larry Wells, Compliance Assistance Coordinator
 U.S. Environmental Protection Agency
 Region I
 One Congress St Suite 1100 (SPP)
 Boston, MA 02114-2023
 T: (617) 918-1836
 E: Wells.Larry@epa.gov

John Reinhardt (Danvers)
 Environmental Engineer
 Massachusetts Department of Environmental Protection,
 Bureau of Waste Prevention
 1 Winter Street- 8th floor,
 Boston, MA 02108
 T: (617) 292-5503
 E: John.Reinhardt@state.ma.us

Gregg Hunt (Westport)
 Section Chief, Compliance and Enforcement Section
 Massachusetts Department of Environmental Protection
 Southeast Regional Office
 20 Riverside Drive
 Lakeville, MA 02347
 T: (508) 946-2878
 E: Gregg.hunt@state.ma.us

This presentation will include a brief overview of some important state and federal regulations related to pressure washing boats. Topics will include the NPDES program and DEP’s groundwater discharge permitting process.

10:00-10:30 **Wastewater Management Options for the Marina Industry**

Paul G. Richard, P.E., Senior Program Director
EBI Consulting
21 B Street, Burlington, MA 01803
T: (617) 715-1825 E: Prichard@EBIConsulting.com

Mr. Richard will be presenting on industrial wastewater management for the marina and boatyard industries and the impacts associated with boat power washing operations. He will be presenting wastewater management operations and share his recent experiences and extensive knowledge associated with power wash wastewater collection and treatment systems. By attending his presentation, you could obtain innovative ideas and explore cost effective solutions.

10:30-10:50 **Break**

10:50-11:20 **Wellfleet Boatwash Facility Design and Compliance (A Case Study)**

Joseph W. Hanlon, P.E.,
Bourne Consulting Engineering
184 West Central Street Franklin, MA 02038-2137
T: (508) 528-8133 E: jhanlon@bournece.com

In 2006 Bourne Consulting Engineering (BCE) designed and permitted a Public Boatwash Facility for the Town of Wellfleet to address a regional need for a NPDES compliant facility in Wellfleet Harbor. The facility design included a review of various recycling technologies, wastewater disposal options and compliance issues which affect facility design.

11:20-12:30 **Panel Discussions: Pressure Washing In Practice,
Current Massachusetts Installations**

Greg Glavin, Moderator
General Manager. Onset Bay Marina
Immediate Past President, MA Marine Trades Association
T: 508-295-0338 E: info@onsetbay.com

12:30-2:00 **Luncheon Presentation: Pressure Wash Virtual Trade Show**

Larry Wells
Compliance Assistance Coordinator
U.S. Environmental Protection Agency Region I
One Congress St Suite 1100 (SPP) Boston, MA 02114-2023
T: (617) 918-1836 E: Wells.Larry@epa.gov

Larry Wells will be presenting a new assistance tool for the marine industry. His presentation will focus on an opportunity to help you learn about boat pressure wash water control technology through a new Boat Pressure Wash Control Technology Virtual Trade Show (BPWCT VTS).

This trade show, which is featured on a special website, was recently developed by EPA New England's Marina Assistance Team and Center for Environmental Industry and Technology (CEIT). The purpose of this website is to help you learn more about some boat pressure wash water control technologies you can utilize to comply with federal, state, and local regulations. Attendees will learn how to navigate the trade show and get criteria and instructions for vendor participation.

2:00-2:20

**Being Green on the Blue:
Hazardous Waste
Management for Marinas
(Danvers)**

**State Hazardous Waste Regulations
(Westport)**

Matthew Barber

Environmental Analyst
Massachusetts Department of Environmental
Protection, Compliance & Enforcement Division
Northeast Regional Office
205B Lowell Street Wilmington, Massachusetts 01887
T: (978) 694-3209 E: Matthew.Barber@state.ma.us

Eric Johnson

Environmental Engineer
Massachusetts Department of Environmental
Protection
Southeast Regional Office
20 Riverside Drive Lakeville, MA 02347
T: (508) 946-2820 E: Eric.johnson@state.ma.us

Marinas have a number of environmental regulations that they must comply with to help protect the land and sea around them. The regulations include the Massachusetts Department of Environmental Protection's (MA DEP) regulations requiring proper labeling, storage, and disposal of hazardous waste. Learn what qualifies as a hazardous waste and how to manage these wastes in this

This presentation will provide an overview of key state requirements pertaining to the accumulation and management of hazardous wastes typically generated at marinas, including waste oil

2:20-2:40

**Basics of Complying with the Federal RCRA Hazardous Waste
Regulations, and Common Areas of Concern**

Susann D. Nachmann (Danvers)

Environmental Engineer
U.S. EPA Region I, New England RCRA, EPCRA and Federal Program Unit (SER)
One Congress Street, Suite 1100 Boston, MA 02114-2023
T: (617) 918-1871 E: Nachmann.Susann@EPA.gov

This presentation will provide an overview of the best approaches to complying with the RCRA Hazardous Waste Standards, along with a discussion about some of the most common types of violations EPA has found among marinas and boat/ship builders throughout the Northeastern U.S.

2:40-3:00

**Beyond Lids, Lines and Labels - Technical Assistance for Hazardous
Waste Reduction and Pollution Prevention**

Gerald P. Podlisny

Process Engineer/Environmental Analyst
Massachusetts Office of Technical Assistance
100 Cambridge St. suite 900 Boston, MA 02114
T: (617) 626-1098 E: gerald.podlisny@state.ma.us

Almost any material supplied with an MSDS has the potential to cause pollution in its use and result in hazardous waste that adds cost to your business for handling, disposal, and regulatory compliance. The Office of Technical Assistance and Technology (OTA) is a non-regulatory office within the Executive Office of Environmental Affairs that helps facilities minimize or eliminate their usage of toxic materials and generation of hazardous waste through substitution, reduction, re-use and recycling. Since its inception, OTA has successfully assisted Massachusetts businesses in various industry sectors with reducing the use of millions of pounds of toxic chemicals while saving millions of dollars. OTA provides on-site evaluation, informational programs and guidance materials to help businesses cut costs, improve chemical use efficiency, and reduce environmental impact.

3:00-3:20

Requirements Under the (almost) Reissued Stormwater Multi Sector General Permit (MSGP)

Thelma Murphy

Storm Water Coordinator

U.S. EPA Region I, New England

One Congress Street, Suite 1100 Boston, MA 02114-2023

T: (617) 918-1615 E: murphy.thelma@epa.gov

Ms. Murphy will cover the time frame for reissuance of the Stormwater Multisector General Permit and highlight some of the significant changes from the previous permit.

3:20-4:00

Panel Discussions: Hazardous Waste Management in Practice.

Greg Glavin, Moderator

General Manager, Onset Bay Marina

Immediate Past President, MA Marine Trades Association

T: 508-295-0338 E: info@onsetbay.com

4:00

Adjourn to Exhibits & Trade Show

Trade Show Participants & Exhibitors (as of 3/19/2007)

Advanced Booth Concepts

Jack Bransfield, President
PO BOX 2104 Westford, MA 01886
T (978) 392-1108 F (978) 392-0272
E: jack@advancedboothconcepts.com
W: www.advancedboothconcepts.com
Compliance technology for painting, etc

Atlantech Corporation

Rob Sheldon, President
P.O. Box 463 Saunderstown RI 02874
T: (401) 487-3245 F: (401) 294-1666
E: rob@atlantechonline.com
W: www.atlantechonline.com
Aguas Clean Marina Series Power Wash Water Recycling System

Carbtrol Corp

Kevin Malone & Ken Lanouette
955 Connecticut Avenue Suite 5202
Bridgeport, CT 06607
T: (203) 337-4340 F: (203) 337-4353
E: k.malone@carbtrol.com or k.lanovette@carbtrol.com
W: www.carbtrol.com
Wash Water Treatment & Recycle Systems

Clean Quest LLC

Steve Burnett & Steve Kujanpaa
P.O. Box 1102 Southbury, CT 06488
T: (203) 264-6292 F: (208) 723-4175
E: cleanquest@excite.com

Clean Water Solutions, Inc.

Susanne Homer, VP & William Young, President
40 Parker Avenue Newport, RI 02840
T: (401) 846-4141 F: (401) 846-1008
E: suzhomer1@earthlink.net or youngduff@aol.com
Innovative bioremediation products, oil eradicators, cw microbial power and cwblue

Clean Water Solutions, LLC

Matthew Godoff
101 Federal Street Ste 1900 Boston, MA 02110
T: (617) 342-7155 F: (617) 342-7080
Solutions to clean runoff, absorb hydro-corosion, kill bacteria

Dezine Specialties

Jason Webber & Mark Davis
P.O. Box 591 Wakefield, MA 01880
T: (781) 915-7355 F: (781) 246-9045
dezinespecialties.ne@comcast.net

Environmental Equipment of New England

Phil Von Hemert
175 Spur Road Dover, NH 03820
T: (603) 833-0844
E: phil_vonhemert@comcast.net

Furrh [John W.] Associates, Inc.

Jennie Cormier & Stephen Wood
135 Washington Street Taunton, MA 02780
T: (508) 824-4939 F: (508) 822-8608
E: jcormier@johnwuffurrhassociates.com
W: www.johnwuffurrhassociates.com
Stormwater Pollution Prevention Plans, RCRA Training, Consulting, Training, Contingency Plans, SPCCs, Inspections, Closed Loop Bottom Wash Recycle System.

Fuss & O'Neill

Dean Audet, VP
275 Promenade Street Ste 350 Providence, RI 02908
T: (401) 861-3070 F: (401) 861-3076
E: daudet@fando.com
W: www.fando.com
Providers of technical and regulatory services required to comply with all the federal and state environmental and safety regulations. Some services include: Spill Prevention, Control and Countermeasure Plans (SPCC); Stormwater and Hazardous Waste Management; Emergency Planning and Community Right To Know Act (Tier II).

Next Generation Waste Water Treatment

Mike Givens
P.O. Box 262772 Houston, TX 77207
T: (281) 634-7860 F: (713) 648-8938
E: waste-w@swbell.net
W: www.naturalwatertreatment.com
Manufacturer Closed Loop Pressure Wash Water Recycle System designed for marinas and boatyards

Oiltrap Environmental

Robert Lewis
2775 29th Avenue SW Tumwater, WA 98512
T: (315) 858-1391 F: (315) 858-2028
E: rlewis@oiltrap.com
W: www.oiltrap.com

Pressure Washer Warehouse

Alkota Cleaning Systems
Ken Boddie, Jr. & Linda Boddie
10 Bishop Lane Rockland, MA 02370
T: (781) 826-8286 F: (781) 871-8287
E: jagv835@aol.com
W: www.pressurewasherwarehouse.com
Wash water recovery systems, wash mats, high-end power washes, American-made