

DELAWARE CLEAN MARINA GUIDEBOOK



PREPARED BY

**DELAWARE DEPARTMENT OF NATURAL RESOURCES AND
ENVIRONMENTAL CONTROL
DOVER, DELAWARE**

**UNIVERSITY OF DELAWARE SEA GRANT COLLEGE PROGRAM
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This manual is intended as an environmental educational tool for marina operators, boat yards, marine dealers, and boaters. It does not constitute a complete reference to State, Federal, or local laws. Relying on the information in this book will not protect you legally from Delaware and Federal regulatory requirements. This book may not be relied upon to create a right or benefit substantive or procedural, enforceable at law or in equity by any person.

The University of Delaware Sea Grant Marine Advisory Service, contributing agencies, organizations, and individuals cannot assume any liability for the accuracy or completeness of the information in this publication. Inclusion in this book is not an endorsement of the companies listed. Final determination of the proper handling and disposal of waste is the sole responsibility of the generator.

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Foreward

Dear Friends:

Our inland bays and coastal waters are precious jewels of our Diamond State. Clean water and air are vital to the health of all Delawareans, and our recreation and tourism industry would cease to exist without a clean environment. The Delaware Clean Marina Initiative is a voluntary pollution prevention program, developed by a group of marine industry, regulatory, and other environmental advocacy representatives. It is intended to provide for safe and environmentally sound operation of marinas through pollution prevention and incorporation of "good housekeeping" procedures.

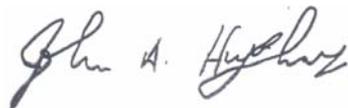
The Clean Marina Program rewards marina operators for their voluntary stewardship of clean water and fresh air. By joining the Clean Marina Program, Delaware's marine industry is taking a leadership role in protecting the environment, the lifeblood of your operations and Delaware's economy.

I want to thank you, on behalf of all Delawareans, for doing your part to help protect the beauty and health of the waterways that we so enjoy and depend upon.

Sincerely,



Ruth Ann Minner
Governor



John Hughes
DNREC Secretary

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Acronyms

AC	Air Conditioning
ACA	Ammoniacal Copper Arsenate
ACZA	Ammoniacal Copper Zinc Arsenate
AST	Aboveground Storage Tanks
BMP	Best Management Practice
BT	<i>Bacillus thuringiensis</i> (Japanese Beetle)
CCA	Chromated Copper Arsenate
CESQG	Conditionally Exempt Small Quantity Generator
CFR	Code of Federal Regulations
CFC	Chlorofluorocarbon
Cu ₂ O	Cuprous Oxide
CVA	Clean Vessel Act
CZARA	Coastal Zone Act Reauthorization Amendments
DSWA	Delaware Solid Waste Authority
DNREC	Department Of Natural Resources and Environmental Control
DRGHW	Delaware Regulations Governing Hazardous Waste
EPCRA	Emergency Planning and Community Right-To-Know Act
HCFC	Hydrochlorofluorocarbon
HFC	Hydrofluorocarbon
HPLV	High Pressure Low Volume
LEPC	Local Emergency Planning Committee
LPG	Liquefied Petroleum Gas
MARPOL	International Convention for the Prevention of Pollution from Ships
MEEF	Marine Environmental Education Foundation
MPPRCA	Marine Plastic Pollution Research and Control Act
MSD	Marine Sanitation Device
MSDS	Material Safety Data Sheet
NAICS	North American Industry Classification System
NDZ	No Discharge Zone
NFPA	National Fire Protection Association
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NOI	Notice of Intent
OAPC	Organotin Antifoulant Paint Control Act
O&M	Operations and Maintenance
OPA	Oil Pollution Act
OSHA	Occupational Safety and Health Administration
pH	Measure of acidity or alkalinity
PMB	Plastic Medium Blast
PVC	Poly Vinyl Chloride
PWC	Personal Water Craft
QAC	Quaternary Ammonium Compound
RCRA	Resource Conservation and Recovery Act
SAV	Submerged Aquatic Vegetation
SDS	Siting and Design Study
SIC	Standard Industrial Classification
SPCC	Spill Prevention, Control and Countermeasure
SQG	Small Quantity Generator
SWP	Stormwater Permit
TBT	Tributyl Tin
TCLP	Toxicity Characteristic Leaching Procedure
VOC	Volatile Organic Compound
UL	Underwriter's Laboratories, Inc

USACOE	United States Army Corps of Engineers
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tanks
WSCS	Wetlands and Subaqueous Lands Section
