

Maryland Clean Marina

GUIDEBOOK

A product of the Maryland Clean Marina Initiative

Prepared by
Maryland Department of Natural Resources
Annapolis, Maryland

2013

The Maryland Department of Natural Resources developed and authored this guidebook and it is intended as an educational tool for marina operators 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. 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.

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Cover photographs taken by Robert De Young and Donna Morrow at Atlantic Marina Resort (rain barrel), Knapps Narrows Marina (shoreline), Port Annapolis Marina (vacuum sander and ground cover) and Bert Jabin's Yacht Yard (flag).

Revisions to this Guidebook made in 2011 reflect changes to the General Permit for Discharges from Marinas 10-MA.

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Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor

Joseph P. Gill, Secretary • Frank Dawson, Deputy Secretary



A Message from the Governor

Dear Friends:

People throughout Maryland are coming together in partnership to protect our Chesapeake Bay so that future generations can continue to enjoy its breathtaking beauty and vast resources.

The Maryland Clean Marina Initiative is a terrific example of this strong sense of environmental stewardship. More than 140 marinas and boatyards throughout 15 counties in our State have adopted these measures, and are now certified Maryland Clean Marinas or clean marina partners.

Working together, we have made real and steady progress toward our goals by creating the Chesapeake Bay 2010 Trust Fund, updating our Critical Area legislation for the first time in 25 years, and establishing BayStat to coordinate restoration efforts.

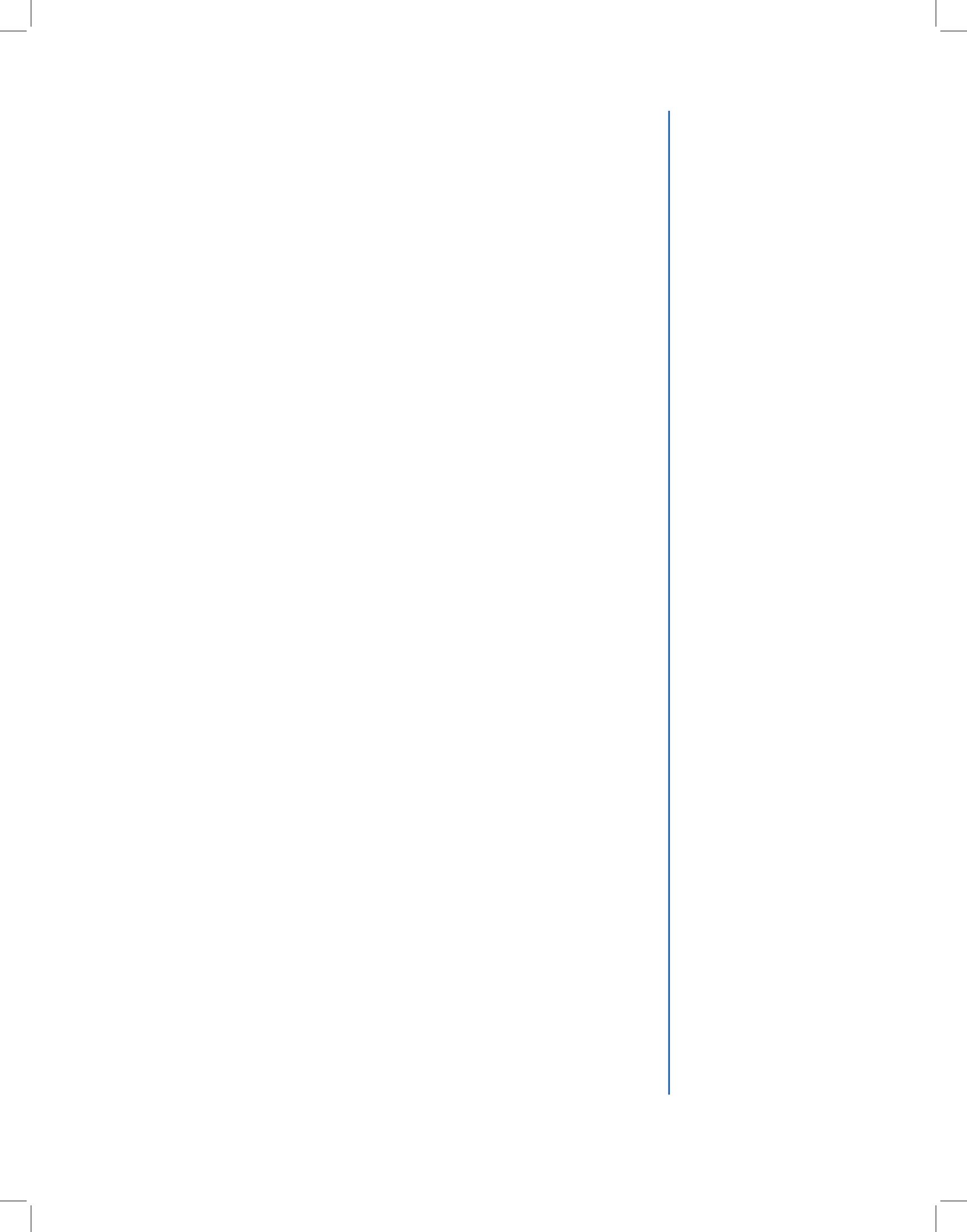
Boaters, business owners, and citizens throughout the State are all important partners in our effort as One Maryland to protect Maryland's waters for our children and grandchildren.

Sincerely,



Martin O'Malley

Governor



Foreword

The Maryland Department of Natural Resources is pleased to present this guidebook of practical, common sense tips for controlling pollutants associated with vessel operation, maintenance and storage. This guidebook also reviews relevant environmental laws and regulations.

Maryland's Clean Marina Initiative, working in partnership with the Marine Trades Association of Maryland, promotes voluntary adoption of pollution prevention measures. Marinas, boatyards and yacht clubs of any size can be certified Maryland Clean Marinas after adopting the practices in this guide and passing a site inspection by DNR and industry representatives. Our goal is to certify at least 25 percent of the state's more than 600 marinas.

If your business has yet to become certified, we urge you to join the more than 140 operators who have chosen to lead by example in our effort to promote sustainable practices to protect Maryland's vast network of waterways.



Joseph P. Gill
Secretary
Maryland Department of Natural Resources

Acknowledgments

The Maryland Clean Marina Guidebook was written in 1997 by Elizabeth Fuller Valentine with the active participation of the Maryland Clean Marina Committee:

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Sandy Zimmerman	Marine Trades Association of Maryland and Turkey Point Marina

The Committee members freely volunteered their time and effort to review and discuss the Guidebook. They are a truly knowledgeable and dedicated group.

Drafts of the Maryland Clean Marina Guidebook were also reviewed by many additional subject area experts. Reviewers included Jennifer Pereira, BoatU.S./ Clean Water Trust; Lee Ann Chandler, Critical Area Commission; Britt Slattery, U.S. Fish and Wildlife Service; Mary Ellen Setting, Maryland Department of Agriculture; and Cindy Tate, Anne Arundel County. The following people from the Maryland Department of the Environment commented on the Guidebook: Patsy Allen, Laura Armstrong, Rick Ayella, Bob Beasley, Brian Clevenger, Lori Del Pizzo, Andrew Der, Ed Gertler, Elder Ghigiarelli, Ed Hammerburg, Bec Hebler, Karen Irons, Lois McNamara, Nolan Penney, Ginny Sells, Greg Sonberg, and Ed Stone. Staff from the Maryland Department of Natural Resources also reviewed this document: David Burke, Ray Dintaman, Bob Ellsworth, Bob Gaudette, Barbara MacLeod, Frances McFaden, Donald O'Neill, Ren Serey, Kitty Riggin and Jody Roesler.

The 1998 Guidebook was designed and desktop published by Laura Ford and Susan Craton, Maryland Center for Environmental Training. Revised in 2002 by Elizabeth Fuller Valentine and in 2008, 2011, and 2013 by Donna Morrow.

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Acronyms

BMP	Best Management Practice
CFR	Code of Federal Regulations
COE	U.S. Army Corps of Engineers
COMAR	Code of Maryland Regulations
EPA	Environmental Protection Agency
DNR	Maryland Department of Natural Resources
CZARA	Coastal Zone Act Reauthorization Amendments of 1990
IDA	Intensely Developed Area

LDA	Limited Development Area
MDA	Maryland Department of Agriculture
MDE	Maryland Department of the Environment
MES	Maryland Environmental Service
MPPRCA	Marine Plastic Pollution Research and Control Act
MSD	Marine Sanitation Device
NDZ	No Discharge Zone
NOI	Notice of Intent
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
PWC	Personal Water Craft
QAC	Quarternary Ammonium Compounds
RCA	Resource Conservation Area
RCRA	Resource Conservation and Recovery Act
SAV	Submerged Aquatic Vegetation
TCLP	Toxicity Characteristic Leaching Procedure
UL	Underwriters' Laboratories
UST	Underground Storage Tank
USC	United States Code
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey