

Appendix I. Information Sources

American Boat and Yacht Council

3069 Solomons Island Road
Edgewater, MD 21037
(410) 956-1050
www.abycinc.org

- Information about holding tank retrofits and vessel standards

Barnegat Bay National Estuary Program

Ocean County College
College Dr., P.O. Box 2001
Toms River, NJ 08754-2001
(732) 255-0472
www.bbep.org

Baykeeper

52 West Front Street
Keyport, NJ 07735
(732) 888-9870
www.nynjbaykeeper.org/news.htm

- Oyster recovery program

Boat/U.S. Clean Water Trust

880 S. Pickett Street
Alexandria, VA 22304
(703) 823-9550
(703) 461-2855 (fax)
www.boatus.com

- Clean boating educational materials

Clean Ocean Action

P.O. Box 505
Highlands, NJ 07732-0505
(732) 872-0111
(732) 872-8041 (fax)
www.cleanoceanaction.org

- Marine educational material
- Storm drain stenciling information and materials
- Hosts the annual New Jersey coastal cleanup

Delaware Estuary Program

Partnership for Delaware Estuary
P.O. Box 7360
West Trenton, NJ 08628
(609) 883-9500
www.delawareestuary.org

Green Seal

1001 Connecticut Avenue, NW, Suite 827
Washington, DC 20036-5525
(202) 872-6400
www.greanseal.org

- Environmentally responsible products and services
- Product Recommendations

Jacques Cousteau National Estuarine Research Reserve

Coastal Education Center
130 Great Bay Blvd.
Tuckerton, NJ 08087
(609) 812-0649
(609) 294-8597 (fax)
www.jcnerr.org

- Marine research and education

Manasquan River Watershed Association

c/o Monmouth County Mosquito Commission
P.O. Box 162
Eatontown, NJ 07724
(732) 542-3630
(732) 542-3267 (fax)
www.shore.co.monmouth.nj.us/area12/

- Environmental educational materials
- New Jersey Clean Marina materials
- Watershed management

Marine Trades Association of New Jersey

1451 Route 88E
Suite 11
Brick, NJ 08724-3152
(732) 206-1400
(732) 206-1413 (fax)
www.mtanj.org

- Marine educational materials
- Legislative updates
- Model Stormwater Pollution Prevention Plan available

Native Plant Society of New Jersey

Office of Continuing Professional Education
Cook College
102 Ryders Lane
New Brunswick, NJ 08901-8519
www.npsnj.org

National Fire Protection Association

1 Batterymarch Park
Quincy, MA 02169-7471
(800) 344-3555
www.nfpa.org

- Copies of NFPA standards (may be available from your local fire marshal)

National Response Center

(1-800) 424-8802

New Jersey Department of Environmental Protection

PO Box 402
401 East State Street
Trenton, NJ 08625-0402
(609) 777-DEP3 (general information)
1-877-WARN DEP (24-Hour Emergency Hotline)
www.state.nj.us/dep/

Air Quality Permitting Program

(609) 633-2829

- Permit for permanent paint spray booth
- Gasoline dispensing
- Abrasive blasting

Coastal Management Office

(609) 633-2201

- Clean Marina Program
- Coastal resource and ecosystem conservation

Environmental Education

(609) 984-9802

- Environmental education materials & programs

Emergency Response

1-877-WARNDEP

- Discharge emergency response

Compliance and Enforcement

(609) 292-1240

- Greenstart

Fish and Wildlife

(609) 292-2965

- Fisheries management
- New Jersey Clean Vessel Act

Hazardous Waste Program

- Hotline (609) 292-8341
- Regulations (609) 984-2014

Land Use Regulation Program

(609) 292-1235

- Land use permits and technical assistance
- CAFRA, Wetlands, Waterfront Development, Tidelands, & Stream Encroachment

Oil Spills

1-877-WARN DEP

Recycling Office

(609) 984-3438

- www.state.nj.us/dep/dshw General information and recycling coordinators

Watershed Management

(609) 984-0058

- Water pollution control
- Water quality restoration

New Jersey Department of Transportation

Office of Maritime Resources

1035 Parkway Avenue, E & O Building

P.O. Box 837

Ewing, NJ 08628

(609) 530-4770

(609) 530-4860 (fax)

www.state.nj.us/transportation/works/maritime

- Management of dredging activities
- Funding opportunities

New Jersey Marine Sciences Consortium

Building 22, Fort Hancock

Highlands, New Jersey 07732

Phone: (732) 872-1300

Fax: (732) 291-4483

www.njmssc.org

- New Jersey Sea Grant Program
- Marine research and education

New Jersey State Police

Marine Police Stations

- Atlantic City (609) 441-3586
- Bivalve (856) 785-1330
- Burlington (609) 387-1221
- Lake Hopatcong (973) 663-3400
- Monmouth (732) 842-5171
- Newark Bay (973) 578-8173
- North Wildwood (609) 522-0393
- Ocean (609) 296-5807
- Point Pleasant (732) 899-5050

Pumpout Guide

www.dbcrrsa.rutgers.edu/ims/pumpoutviewer.htm

Rutgers Cooperative Extension

Cook College

State University of New Jersey

88 Lipman Dr.

New Brunswick, NJ 08901-8525

(732) 932-9306

<http://www.rce.rutgers.edu>

- Environmental education
- Hard Clam and Aquaculture interest

Rutgers University

Institute of Marine and Coastal Sciences

71 Dudley Road

New Brunswick, NJ 08901-8521

(732) 932-6555

<http://marine.rutgers.edu>

- Research
- Education

United States Coast Guard Auxiliary

(877) 875-6296

www.cgaux.org

- Boating courses
- Boat safety checks

The Ocean Conservancy

1725 DeSales Street, Suite 600 Washington, DC 20036

(202) 429-5609

www.oceanconservancy.org

- Marine debris educational material
- Storm drain stenciling information and materials
- Information about the annual international coastal cleanup

Appendix II. Permitting Information and Assistance

New Jersey Department of Environmental Protection

Air Pollution Control (N.J.A.C. 7:27)

- Permitting, Air Quality Permitting Program (609) 633-2829
- Enforcement Regional Offices
 - Northern/Metro (973) 299-7700
 - Central (609) 584-4100
 - Southern (856) 614-3601

Dredging Permit

- Office of Dredging and Sediment Technology (609) 292-9203

Hazardous Waste Program

- Hotline (609) 292-8341
- Regulations (609) 984-2014

Hazardous Waste (Resource Conservation and Recovery Act Regulations) (N.J.A.C. 7:26G)

- Enforcement Regional Offices
 - Northern (973) 299-7592
 - Central (609) 584-4250
 - Southern (856) 614-3658
- Permitting, Office of Permitting and Technical Programs (609) 984-5950

Land Use Regulation Program

(609) 292-1235

- Land use permits and technical assistance
- CAFRA, Wetlands, Waterfront Development, Tidelands, & Stream Encroachment

Marina Compliance Assistance Project, “Greenstart”

- Office of Local Environmental Management (609) 292-1305

NJPDES Stormwater Permit (N.J.A.C. 7:14A)

- Bureau of Nonpoint Pollution Control (609) 633-7021

New Jersey Worker & Community Right to Know Act (N.J.A.C. 7:1G)

- Office of Pollution Prevention & Right to Know (609) 292-6714

Pesticides Control Act (N.J.A.C. 7:30)

- Licensing and Permitting (609) 530-4070
- Pesticide Compliance (609) 984-6568

Solid Waste Management (N.J.A.C. 7:26 and 7:26A)

- Solid Waste Enforcement, all regions (609) 584-4180
- Solid Waste Permitting and Registration (609) 984-2080

Tidelands Instrument

- Bureau of Tidelands Management (609) 292-2573

Underground Storage Tanks (N.J.A.C. 7:14B)

- Bureau of Underground Storage Tanks (609) 292-8761

Water Pollution Control (N.J.A.C. 7:14 and 14A)

- Enforcement Regional Offices
 - Northern (973) 299-7529
 - Central (609) 584-4200
 - Southern (856) 614-3655

Appendix III. Sample Contract Language

FOR TENANTS:

I, _____, understand that _____
(name) (marina/boatyard)

subscribes to and enforces pollution prevention procedures. I further understand and agree that in return for the privilege of performing work on a boat at this facility such as hull cleaning, washing, sanding, polishing and /or painting; bottom cleaning, sanding, scraping, and/or painting; opening the hull for any reason, e.g., installation of equipment or engine work; engine and/or stern drive maintenance, repair, painting; etc., it is my responsibility to comply with, at a minimum, the following pollution prevention practices. I understand that this list may not be complete and pledge that I will exercise common sense and judgment in my actions to ensure that my activities will not deposit pollution residues in surface waters or elsewhere where they may be conveyed by stormwater runoff into the surface waters. I understand that failure to adopt pollution prevention procedures may result in expulsion from the marina/boatyard (insert name of facility) and forfeiture of rental fees. I understand that I may elect to employ the facility to perform potential pollution producing activities on my behalf in which case the responsibility for compliance with the best management practices is entirely theirs.

Signed _____ Date _____

FOR SUB-CONTRACTORS ONLY:

I understand and agree to have my proposed work first authorized by this facility and that I will adhere, at a minimum, to the contents of this document. I further understand that because of the nature of my proposed work, the facility may require that I be supervised by an employee of said facility for which, I will pay the normal existing labor rate.

Signed _____ Date _____

POLLUTION PREVENTION PRACTICES:

A. REPAIRS AND SERVICE (to hull and engine: painting, cleaning, washing, sanding, scraping, etc.)

1. Work on hulls and engines only in designated areas or use portable containment enclosures with approval of marina management.
2. Use tarps and vacuums to collect solid wastes produced by cleaning and repair operations-especially boat bottom cleaning, sanding, scraping, and painting.
3. Conduct all spray painting within an enclosed booth or under tarps.
4. Use non-toxic, biodegradable solvents.
5. Capture debris from boat washing and use only minimal amounts of phosphate-free, non-toxic, and biodegradable cleaners.
6. Use drip pans for any oil transfers, grease operations, and when servicing I/Os and outboard motors.
7. Obtain management approval before and after repairs that open the hull.
8. Use spill proof oil change equipment.

B. VESSEL MAINTENANCE WASTE

1. Non-toxic residue of sanding, scraping, and grinding: bag and dispose of in regular trash.
2. Toxic and non-environmentally safe solvents and cleaning liquids: seek specific directions from marina management or dispose of with licensed agency.

C. FUEL OPERATIONS

1. Install fuel/air separator on fuel tank vent line(s) to prevent overflow of fuel through vent.
2. Keep petroleum absorbent pad(s) readily available to catch or contain minor spills and drips during fueling.

D. WASTE OIL AND FUEL

1. Recycle used oil and antifreeze.
2. Add a stabilizer to fuel tank in the fall or an octane booster to stale fuel in the spring. Use the fuel or take it to a household hazardous waste collection site.
3. Absorbent materials soaked with oil or diesel: drain liquid and dispose of in used oil recycling container; double bag absorbent material in plastic and dispose of in regular trash receptacle.
4. Absorbent materials soaked with gasoline (flammable): air dry and reuse.
5. Bioremediating absorbent products: dispose of in regular trash as long as no liquid is dripping. Because the microbes need oxygen to function, do not seal in plastic.
6. Oil filters: drain and recycle the oil; recycle the filter or double bag and put in regular trash.

E. ONBOARD PRACTICES

1. Maintain oil absorbent pads in bilge. Inspect no less than annually.
2. Do not discharge bilge water if there is a sheen to it.
3. Use only low-toxic antifreeze (propylene glycol). Recycle used antifreeze (even used low-toxic antifreeze contains heavy metals).

F. SEWAGE HANDLING

1. Never discharge raw sewage within New Jersey waters.
2. If you have an installed toilet, you must have an approved Marine Sanitation Device (MSD).
3. Do not discharge Type I or Type II marine sanitation devices within the marina basin.
4. Use marina restroom facilities when at slip.
5. Do not empty port-a-pots overboard; use marina dump facility. Do not empty port-a-pots in the restrooms.
6. Do not discharge holding tanks overboard; use pumpout facility.
7. If you must use a holding tank additive, use an enzyme-based product. Avoid products that contain quaternary ammonium compounds (QACs), formaldehyde, formalin, phenal derivatives, alcohol bases, or chlorine bleach.
8. Live aboards, place a dye tablet in holding tank after each pumpout. The dye will make any illegal discharges clearly visible.

G. ORGANIC WASTE

1. Clean fish only in designated areas.
2. Grind, compost, or double bag fish scraps (depending on the services offered by your marina).
3. Walk pets in specified areas and dispose of their wastes, double-bagged, in the dumpster.

H. SOLID WASTE

1. Recycle plastic, glass, aluminum, and newspaper (tailor this section to fit your facility's practices).
2. Place trash in covered trash receptacles; replace covers.

Appendix IV. Conservation Landscaping

Conservation landscaping works with nature to reduce pollution and enhance wildlife habitat. It encourages a low input formula for yard care: less fertilizers and pesticides, proper lawn care and alternatives to turf. Wise management of soil, water and vegetation are the key to conservation landscaping. This includes maintaining a healthy vegetative cover, preventing soil erosion from wind and water, and maintaining proper soil pH and fertility levels.

Water conservation is a vital element to conservation landscaping. Excess or wasted water runs off the land carrying nutrients, sediments and even traces of toxic products into nearby rivers and streams. Protection of local waterways depends upon reduced water runoff. You can reduce the amount of water used to maintain your yard, by as much as two-thirds, with little expense or effort. Some key elements include timing and thoroughness of watering, proper equipment and plant selection.

Diversity in the landscape provides for the needs of people and wildlife. No matter how large or small an area, you can create diversity by utilizing different types of plants. Native grasses, ground covers, wildflowers, shrubs and trees provide a variety of shapes, colors, smells and habitats. Even very small or urban yards can be transformed into a natural landscape that protects water quality and provides important habitat.

Avoid using non-native invasive plants. Visit the NJDEP website for a list of the plants found in New Jersey that should be avoided.

Master Gardeners

Master Gardeners of Rutgers Cooperative Extension are a group of trained volunteers who provide horticultural programs and services to enhance their communities. Master Gardeners are enthusiastic, willing to share ideas, and offer assistance to those interested in beneficial landscaping.

Rutgers Cooperative Extension has Master Gardener programs in the following counties:

- Bergen County
- Camden County
- Essex County
- Gloucester County
- Hunterdon County
- Mercer County
- Middlesex County
- Monmouth County
- Ocean County
- Passaic County
- Somerset County
- Sussex County
- Union County

For more information about the Master Gardener's Program and/or your local county program visit www.rce.rutgers.edu/mastergardeners/.

Native Wildflowers and Grasses of the Northeastern U.S.

The following information was compiled by the U.S. Fish and Wildlife Service, Chesapeake Bay Field Office, 177 Admiral Cochrane Drive, Annapolis, MD 21401, (410) 573-4593. States included in the Northeastern region of the U.S. include: KY, WV, OH, VA, DC, MD, DE, PA, NJ, NY, RI, CT, MA, VT, NH, ME

Latin Name	Common Name	Ann. Per.	Color	Ht.	Blooms	Moisture			Soil			Sun		
						D	A	W	S	L	C	F	P	S
<i>Wildflowers</i>														
<i>Aquilegia canadensis</i>	Eastern Columbine	P	Scarlet	1-2'	Mar-May	•	•			•	•	•	•	•
<i>Asclepias incarnata</i>	Swamp Milkweed	P	Pink	3-5'	Jun-Aug		•	•	•	•	•	•	•	•
<i>Asclepias tuberosa</i>	Butterfly Milkweed	P	Orange	2-3'	Jun-Aug	•			•	•		•		
<i>Aster laevis</i>	Smooth Aster	P	Violet	2-4'	Aug-Oct	•	•		•	•		•		
<i>Aster novae-angliae</i>	New England Aster	P	Purple	2-6'	Aug-Oct	•	•		•	•	•	•	•	
<i>Caltha palustris</i>	Marsh Marigold	P	Yellow	1-2'	Apr-May		•	•	•	•		•	•	
<i>Chelone glabra</i>	White Turtlehead	P	White	2-4'	Aug-Sep			•	•	•		•	•	
<i>Coreopsis tinctoria</i>	Tickseed Sunflower	A	Yellow	1-3'	Jun-Sep	•			•	•		•	•	
<i>Coreopsis verticillata</i>	Moonbeam Coreopsis	P	Yellow	1-2'	Jun-Oct	•	•		•	•		•		
<i>Eupatorium dubium</i>	Eastern Joe Pye Weed	P	Purple	4-7'	Jul-Sep		•	•		•	•	•	•	
<i>Eupatorium perfoliatum</i>	Boneset	P	White	3-4'	Jul-Aug		•	•	•	•	•	•		
<i>Eupatorium purpureum</i>	Joe Pye Weed	P	Pink	2-6'	Jul-Sep		•			•		•	•	
<i>Geranium maculatum</i>	Wild Geranium	P	Pin-Pur	1-2'	Apr-Jul	•	•		•	•		•	•	•
<i>Iris versicolor</i>	Blue Flag Iris	P	Purple	2-3'	Jun-Jul			•	•	•		•		
<i>Liatris spicata</i>	Blazingstar	P	Purple	2-5'	Jun-Sep	•	•		•	•		•	•	
<i>Lobelia cardinalis</i>	Cardinal Flower	P	Red	2-5'	Jul-Sep		•	•	•	•		•	•	
<i>Lupinus perennis</i>	Lupine	P	Blue	1-2'	May-Jun	•	•		•			•	•	
<i>Monarda didyma</i>	Bee Balm	P	Scarlet	2-4'	Jun-Jul	•	•	•		•	•	•	•	
<i>Monarda fistulosa</i>	Wild Bergamot	P	Lavendar	2-5'	Jun-Jul	•	•		•	•	•	•	•	•
<i>Oenothera perennis</i>	Sundrops	P	Yellow	1-3'	May-Aug	•			•			•		
<i>Opuntia humifusa</i>	Prickly Pear Cactus	P	Yellow	1'	Jun-Jul	•	•		•	•		•	•	
<i>Penstemon digitalis</i>	Smooth Penstemon	P	White	2-3'	Jun-Jul	•	•		•	•	•	•	•	
<i>Penstemon leavigatus</i>	Beardtongue	P	White	1-2'	May-Jun		•			•			•	•
<i>Phlox divaricata</i>	Blue Phlox	P	Blue	.5-1'	Apr-May		•			•			•	•
<i>Phlox subulata</i>	Moss Pink	P	Pin-Wht	.5-1'	Apr-May	•	•		•	•	•	•	•	
<i>Rudbeckia fulgida</i>	Black Eyed Susan	P	Yellow	1-3'	Jul-Sep	•	•		•	•	•	•	•	
<i>Solidago rigida</i>	Rigid Goldenrod	P	Yellow	3-5'	Aug-Oct	•	•		•	•		•		
<i>Solidago rugosa</i>	Rough Goldenrod	P	Yellow	3-5'	Aug-Oct		•	•	•	•		•	•	
<i>Vernonia noveboracensis</i>	New York Ironweed	P	Purple	5-8'	Aug-Sep		•	•		•	•	•	•	
<i>Viola pedata</i>	Birds Foot Violet	P	Purple	1'	Mar-Jun	•			•	•		•		

Latin Name	Common Name	Ann. Per.	Color	Ht.	Blooms	Moisture			Soil			Sun		
						D	A	W	S	L	C	F	P	S
<i>Andropogon gerardi</i>	Big Bluestem	P	see note	3-8'		•	•	•	•	•	•	•	•	•
<i>Andropogon virginicus</i>	Broomsedge	P		1-3'		•	•		•	•	•	•	•	
<i>Elymus canadensis</i>	Canada Wild Rye	P				•	•		•	•	•	•	•	
<i>Panicum virgatum</i>	Switchgrass	P		3-6''			•	•	•	•	•	•		
<i>Schizachyrium scoparium</i>	Little Bluestem	P		4'		•	•		•	•		•	•	
<i>Sorghastrum nutans</i>	Indiangrass	P		5-7'		•	•		•	•		•	•	

Note: The grasses are various shades of greens, blues, goldens, coppers during different times of year. This list was developed from several sources and represents only a partial list of species. Most species were selected because of their availability from some seed companies. Most plans are also available in pots.

Sampling of Other Native Plants

	Name	Height	Features
Evergreen	American Holly, <i>Ilex opaca</i>	45'	Red berry; wildlife value; needs moist, acid soil
	Eatern Red Cedar, <i>Juniperus virginiana</i>	80'	Pyramidal; wildlife value; thick branches, dense foliage; tolerates poor soils
	Canadian Hemlock, <i>Tsuga canadensis</i>	90'	Pyramidal; dense habitat; wildlife value; prefers rich, moist soil
Deciduous Trees	Shagbark Hickory, <i>Carya ovata</i>	60' - 80'	Oval; narrow habitat; nuts; wildlife value; needs deep, rich soil and sun
	White Oak, <i>Quercus alba</i>	60' - 90'	Round-headed, largest oaks; wildlife value; tolerates range of soils
	Sourwood, Sorrel Tree, <i>Oxydendron arboreum</i>	40' - 60'	Pyramidal; flowers in July, glossy foliage, striking fall color
Evergreen Shrubs	Inkberry, <i>Ilex glabra</i>	3' - 15'	Globular; nectar for bees, open habit, small leaf, black berry; tolerates sandy, peaty, acid soils
	Bayberry, <i>Myrica pensylvanica</i>	4' - 8'	Persistent leaves; aromatic; wildlife value; tolerates dry, sandy soils
	Wax Myrtle, <i>Myrica cerifera</i>	25' - 30'	Persistent leaves; aromatic; wildlife value; tolerates dry, sandy soils
Deciduous Shrubs	Red Chokeberry, <i>Aronia arbutifolia</i>	9'	Flowers May-June, smooth pale leaves, red berry; wildlife value; tolerates wet acid or dry soil
	Sweet Pepperbush, <i>Clethra alnifolia</i>	6'	Oval; fragrant flower July-Aug, persistent brown seed; wildlife value; tolerates acid wet or dry soil and some shade
	Flame Azalea, <i>Rhododendron calendulaceum</i>	9'	Oval; May-June flower; tolerates dry, acid soil and light shade
Ground Covers	Violet Wood Sorrel, <i>Oxalis violacea</i>	4'' - 8''	Excellent for rock gardens; tolerates some shade, dry soil, and drought
	Blazing Star, <i>Liatrus spicata</i>	1''-3''	Rose-purple flowers, late summer bloom, hairy stem
	Bird-Foot Violet	2''-6''	Purple flowers; tolerates some shade, dry soil, and drought