Marine Debris Education Program Supplement:

Marine Debris Coloring Book

U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration National Marine Fisheries Service

NOAA Technical Memorandum NMFS F/AKR-9



Title: Marine Debris Education

Program Supplement

Editors: Alan R. Bunn and James M. Coe



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MARINE DEBRIS: MORE THAN A LITTER PROBLEM

Modern Society has developed a number of uses for plastic due to its lightweight, strength, durability, versatility, and low cost. Products range from bags, bottles, cups, six-pack yokes, and balloons to strapping bands, plastic sheeting, resin pellets, packing materials and fishing gear. Growing evidence indicates that when dumped, lost or abandoned in the marine or aquatic environments, plastic debris not only looks bad, but can harm the environment.

Environmental impacts arise from entanglement of marine animals in plastic debris and from ingestion of plastic by aquatic organisms. Marine debris poses a threat to humans when divers, ships, or boats become fouled in debris. The world's beaches and waterfronts are becoming littered with plastic garbage requiring costly cleanup procedures.

As of January 1989, the Marine Plastic Pollution Research and Control Act makes it against the law to dump plastics at sea and in all U.S. navigable waters.

This educational publication is one of several public awareness efforts being conducted by the National Oceanic and Atmospheric Administration's (NOAA) Marine Entanglement Research Program on the issue of marine debris.

A commitment to stop the dumping of plastics and other harmful refuse into the aquatic environment is needed from fishermen, boaters, sailors, merchant seafarers, and beachgoers alike. "If we are not part of the solution, then we are part of the problem!"

The editors have drawn upon a variety of materials from other federal and state agencies, commercial and recreational organizations, and private individuals to alert youth and their families to the hazards persistent marine debris pose to our natural resources and marine life.

We would like to acknowledge the combined cooperative efforts of a number of these individuals and organizations which have contributed to this Marine Debris Education Program Supplement. Failure to recognize any specific contributor to this effort is merely an oversight.

Center for Marine Conservation
 (Formerly Center for Environmental Education)

Defenders of Wildlife

Department of Interior, U.S. Fish and Wildlife Service

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Take Pride in America
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Washington Department of Natural Resources

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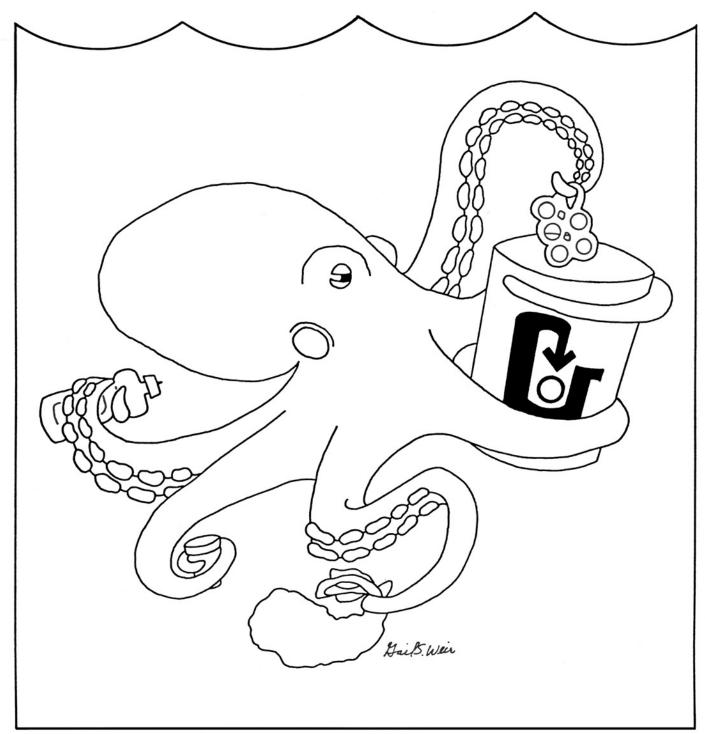


DON'T TEACH YOUR TRASH TO SWIM!

COLORING BOOK

Marine Refuse Disposal Project - Logo: Herb Goblirsch Caption: Bill Murray

MARINE DEBRIS

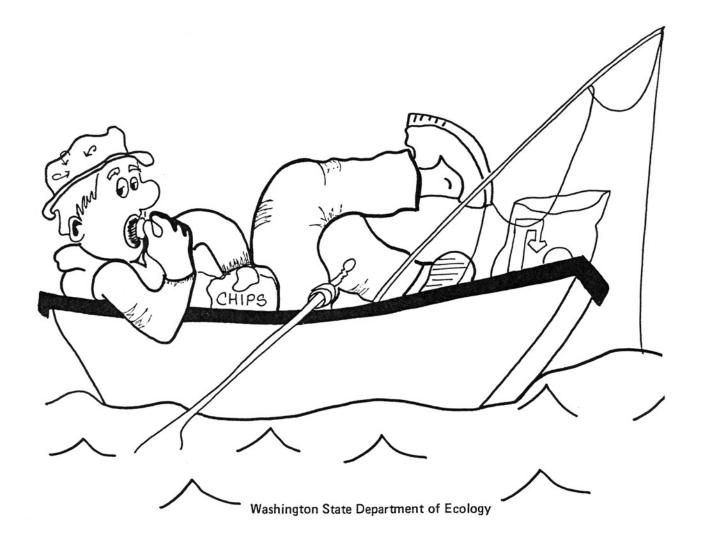


GET A GRIP ON IT

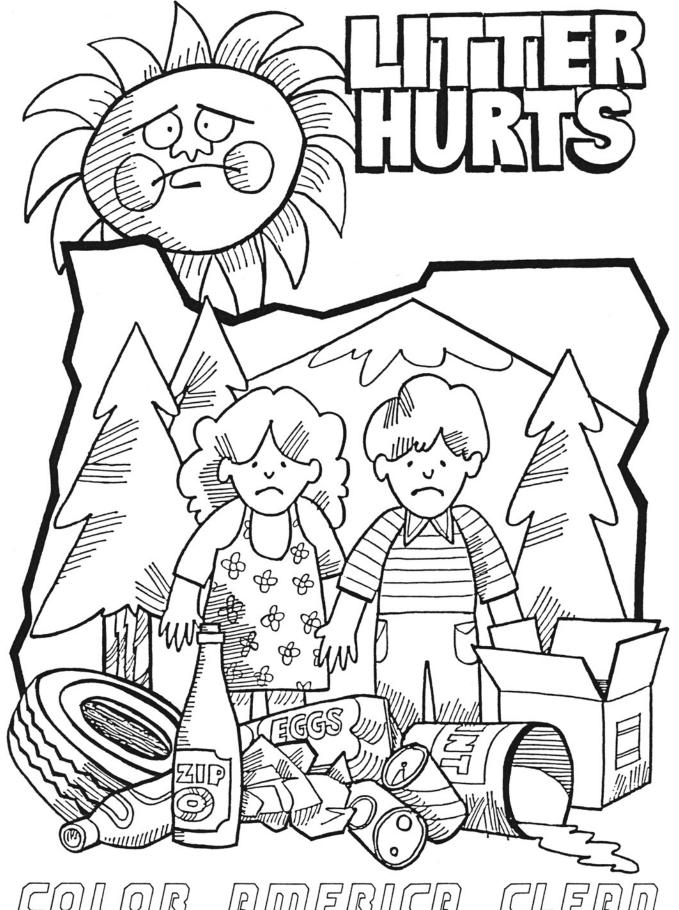


Made available by the Public Involvement and Education Project, financed by proceeds from the Washington State Centennial Clean Water Fund and administered by the Puget Sound Water Quality Authority. Single copies of this poster are free; bulk copy rates are available upon request. Contact: Washington Sea Grant, Marine Advisory Services, 3716 Brooklyn Ave. N.E. Seattle, WA 98105.

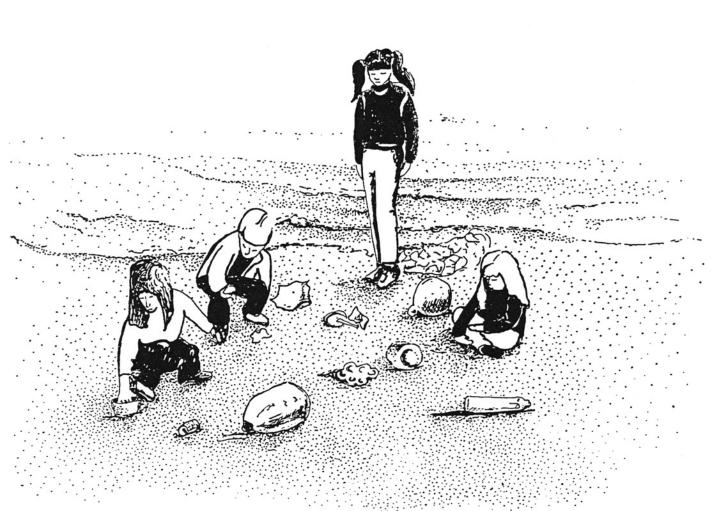
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RHOY THERE MATEY! HAND OVER YOUR TRRSH!

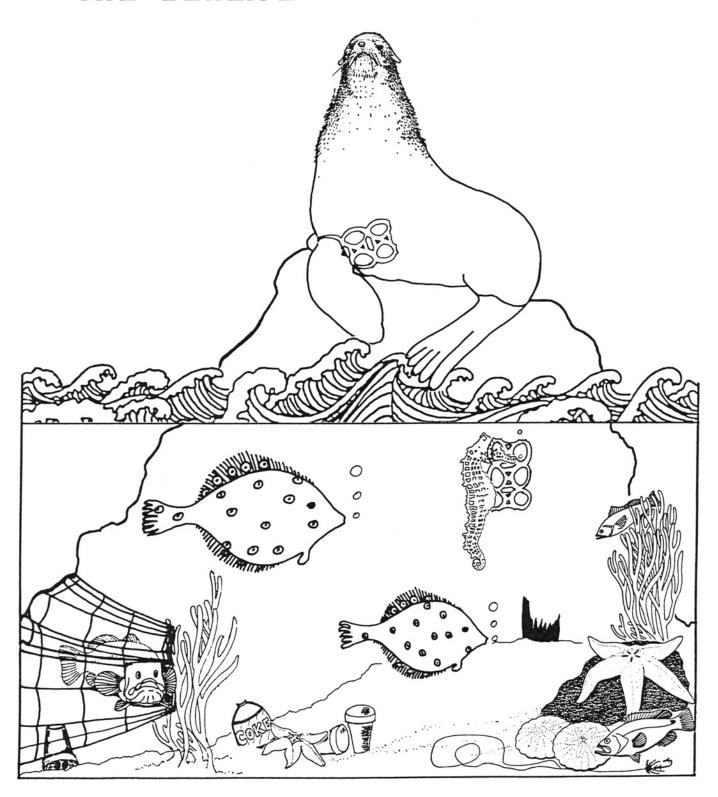


PLASTICS CAN LAST FOR HUNDREDS OF YEARS IN LAKES, RIVERS AND MARINE WATERS.

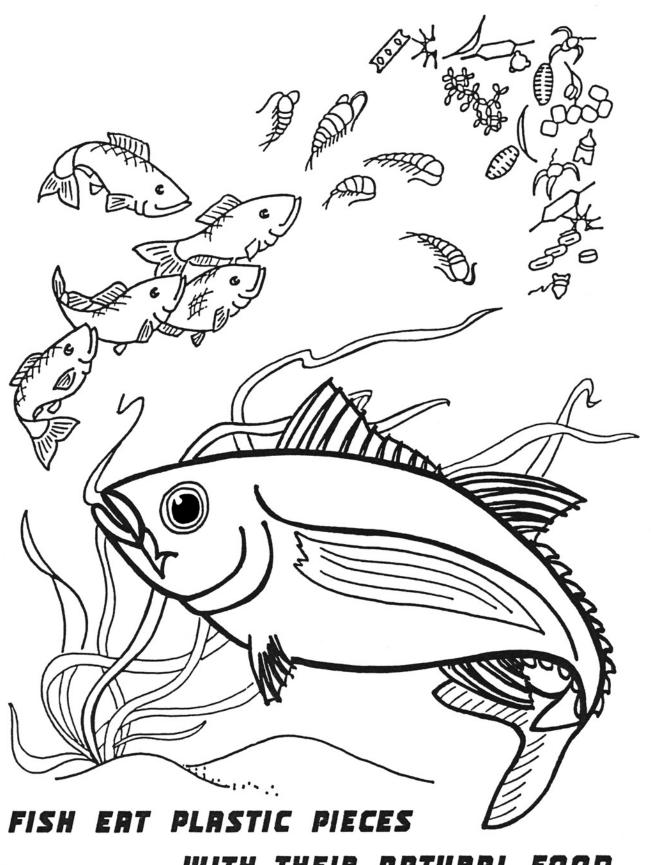


A CARELESS MOMENT LASTS GENERATIONS.

LITTER IN THE OCERN CAUSES POLLUTION WHICH HURTS THE SEALIFE

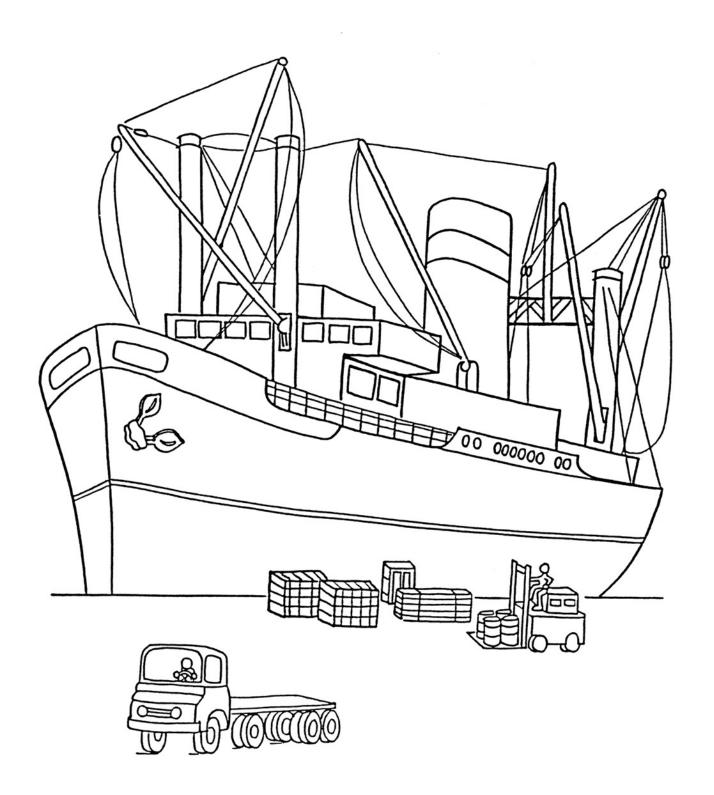




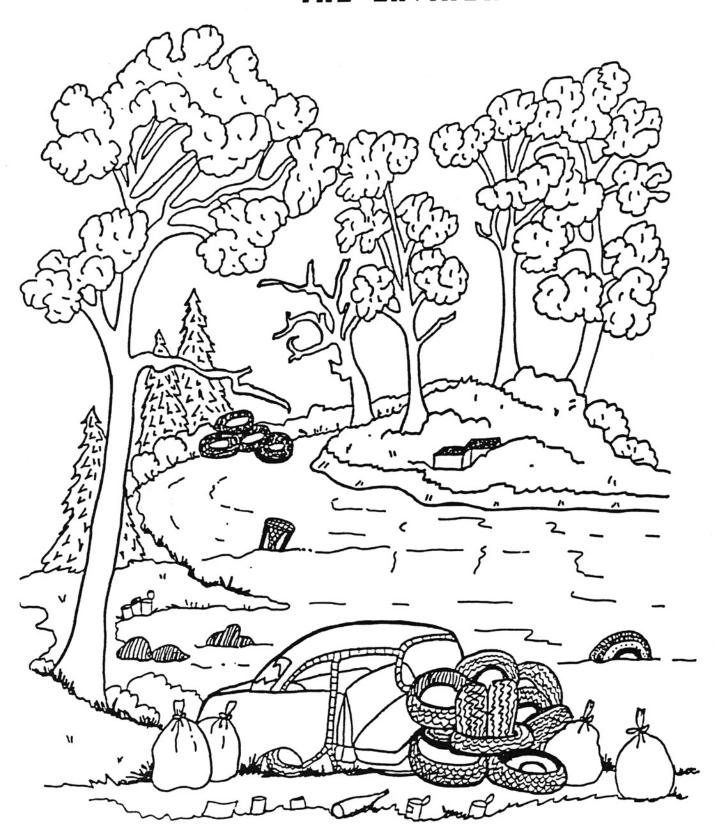


WITH THEIR NATURAL FOOD.

PLASTIC PACKING MATERIALS FROM SHIPPING, WASH UP ON OUR BEACHES.



ILLEGALLY DUMPED TRASH, POLLUTES THE ENVIRONMENT.





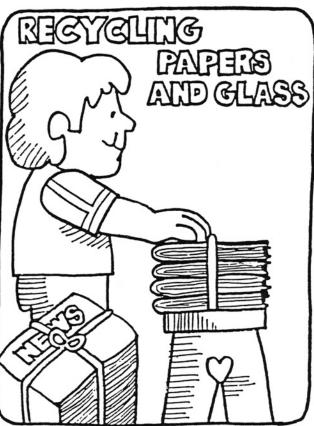


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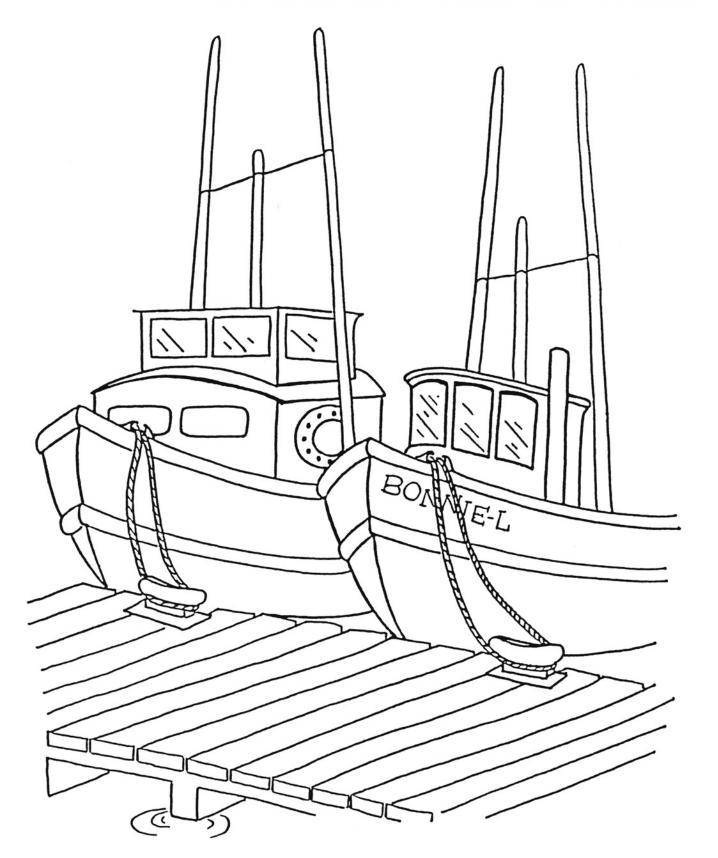




PICK-UP, RECYCLE

COMMERCIAL BORTS HELP

BY KEEPING TRASH ON BOARD





DON'T BURY IT ON THE SANDBAR IF YOU TAKE IT OUT BRING IT BACK!



PROTECT THE MARINE ENVIRONMENT BY PROPERLY DISPOSING OF

GRRBRGE RSHORE!



DO YOUR PART!

BE A VOLUNTEER OR PLAN A PROJECT TO HELP TAKE CARE OF PUBLIC LANDS OR PARKS.

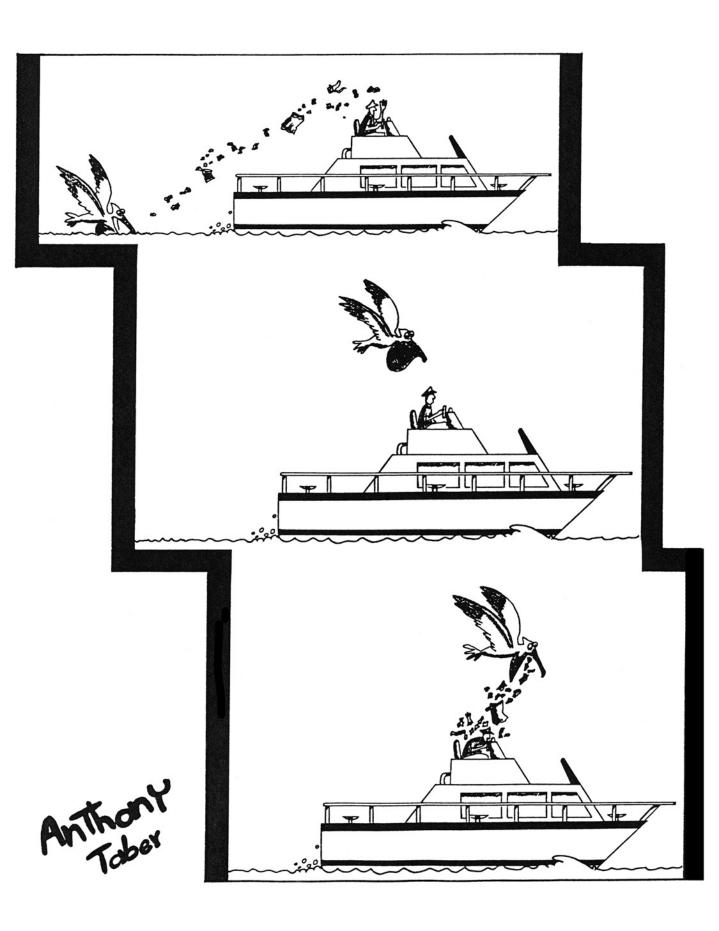


DON'T SPLASH YOUR TRASH!

Washington State Department of Ecology Each of the words listed below appears in the puzzle. The words may be written horizontally, diagonally, vertically, or even backwards. Find each word and draw a circle around it.

DOPROPERLYCAN IRDSWEEWOT OFANDILMLDE NPLSEGGOTHPE BLCANTONROLR ANANDEOUCAN THEIRFTWSWS NPLAST ICD TNB TMLN Ν UPORPAE FCDO YLMHEBLU Α RNEТ Т LH E O TNEAGFE Т ESESRFRTSESEF SOALULRRU NAS F D INEMHNEWEE IWFISHERMENT

Plastic, styrofoam, monofilament line, nets, and other non-biodegradeable refuse can entangle wildlife and harms their environment. Turtles and birds can ingest the plastic bags, gear, and trash. Fishermen and boaters please dispose of your refuse properly. YOU CAN.



YOU (CRIM) HELP!



- Make it boat policy that no trash is discarded, washed or blown overboard.
- Minimize the amount of non-degradable products on board. Provision your vessel using bulk/refillable containers.
- Stow trash for disposal in port.
 Encourage your port or marina to provide convenient refuse disposal facilities.
- Where possible retrieve trash encountered in the water.
- Share your concern with friends, fellow mariners and family.
- Participate in beach clean-ups, and leave the beach clean after visits.

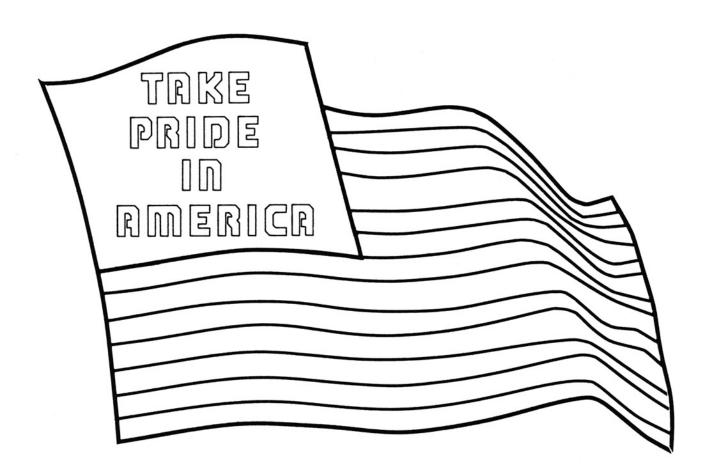
Don't Teach Your Trash To Swim!

The National Marine Fisheries Service Encourages All Boaters And Beach-Goers To Protect The Marine Environment

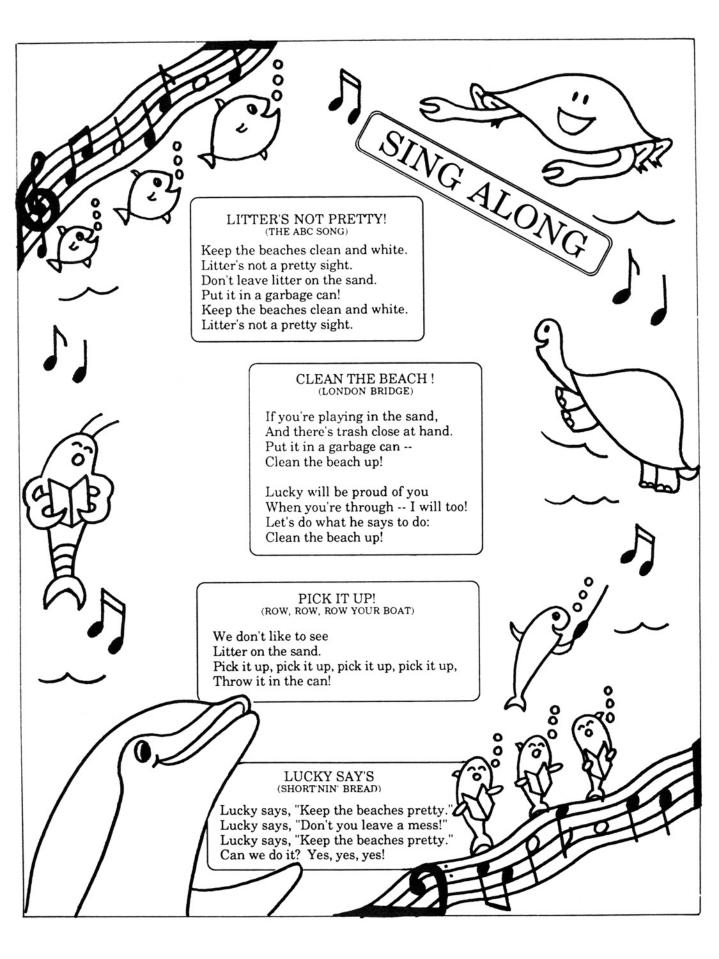


BRD GUYS ABUSE PUBLIC LANDS AND WATERS.

GOOD GUYS SAVE IT.



Take Pride in America P.O. Box 1339 Jessup, MD. 20794



REMEMBER:

IF YOU ARE NOT PART OF THE SOLUTION,
THEN
YOU ARE PART OF THE PROBLEM.

