

### Final Disclosure

All Grant funds were paid to the following for the production and printing of Great Lakes Officer Snook Coloring Books and one Miss. Peggy Perch Costume: All bills were paid in full

7-Dippity, Inc.  
1313 Ponce De Leon Blvd. Suite 301  
Coral Gables, Florida 33134  
(866) 734-7748

All funds from the Lake Erie Protection Fund and Boat US were used in creating and publishing 10,000 coloring books, 5,000 stickers and one fish costume and case.

The final accounting sheet is enclosed along with a copy of the receipts received.

The introduction of Miss. Peggy Perch to the public has received favorable results from the public. Children are able to view this giant Perch and listen to the things that she doesn't want introduced into her watery home. Plus they can take home her coloring book and the parents can read it to the little ones before they color it. Older children can color it and do the educational questions spaced throughout the book.

When we made the initial order of 10,000 coloring books with grant funds. The Coast Guard ordered an addition 20,000 to be distributed to other units along the Great Lakes. The book was received so well that an additional 20,000 books were ordered in May. At this time the book has been established for use in the Coast Guards Sea Partner Program for the Great Lakes.

Requests for books have been coming in from others places. People who receive them at a marine affair take them home, and show them to their children's friends. Others see them and contact us for more copies. We have mailed out books to Valley Elementary School, Lucasville, A marine dealer in Port Clinton and Cleveland, Scouts in Perry, VFW in Madison, Schools and Youth groups in Lorain, Rocky River, Cleveland and Lakewood. ODNR-Cleveland, Akron and Toledo received cases of books. Books were given out at Cleveland Marine Community Days, Cleveland Boat Show (also where Miss. Peggy Perch was first introduced), Southwest General Hospital Safety Fair, Lake Erie Boating and Fishing Fest, Lake County Yacht Club Boat Kids Outing. Some of the places coming up are Mentor Ship Fest, Cleveland Harborfest, and the Cleveland Kidsfest.

Miss. Peggy Perch appeared in March's issue of Great Lakes Cruiser. The photo taking at the boat show is of Bruce Jenvey, Miss. Peggy Perch and another gentleman.

Some examples of the impact that Miss Peggy Perch and the Coloring Books have on those who received them:

- During the Lake Erie Boating and Fishing Fest one little boy corrected his father after learning that Miss. Peggy didn't like cigarette filters thrown into her home because all her little cousins would think that they were food and eat them. The little boy looked at his Dad and told him he better not make Miss. Peggy's cousins sick anymore.
- One child stated that he was going to volunteer to make sure that all the trash was brought ashore from his parent's 38' Carver motorboat. He also said that he would make sure that all plastics were brought ashore and properly placed in recycle bins.
- Another told his mother that they should make sure that Daddy didn't cut his fishing line when it got tangled and throw it into the water.
- A little girl about five wanted her mother to make up a list of all the items in the book that would hurt Miss. Peggy and her friends, so that she could hang it on the fridge on their boat to remind them.
- One father teasingly told his children that he was going to catch that big fish and fry it up. Two of the children started crying and told him that she was there to help keep the lake clean and he had to help her not eat her.
- A shy little girl after overcoming her fear of the big fish, listened to the things that shouldn't be put in the water. Later I heard her tell her Dad that he had to give his oil to a special place to get rid of it. He asked her who told her this. She pointed straight at Miss. Peggy and said, "She did Daddy that big gold fish".
- Quite a few teachers took books at different functions for their classes, stating that it would fit right in when they were teaching their students about ecology and the water.
- The Captain of the "Holiday" in Cleveland said that he would be interested in having Miss. Peggy and her team goes along on some of the School tours that he gives.
- At the Lake Erie Boating and Fishing Fest May 31-June 1 several children came running up to Miss. Peggy wanting to know if she remembered them from the boat show. They all remembered the message they learned and whispered that they would help keep the Lake clean for all the fishes.

The above a just a sample of some of the comments made from a selection of the general public that have come in contact with Miss. Peggy Perch and the Coloring Books. But for each of those there are classmates, friends, aunts, uncles, grandparents and sometimes even total strangers who will learn from them. Like the childhood game of telegraph, one starts it and it just keeps on going.

47 people (Auxiliarist, Coast Guard Active Duty and Reservist) worked 378 hours at various affairs dispensing coloring books, stickers and environmental information and being the costumed character Miss. Peggy Perch. If you use the \$13.50 an hour for their time, which was all, volunteered. The hours and personnel were used to accomplish our matching funds for the project.

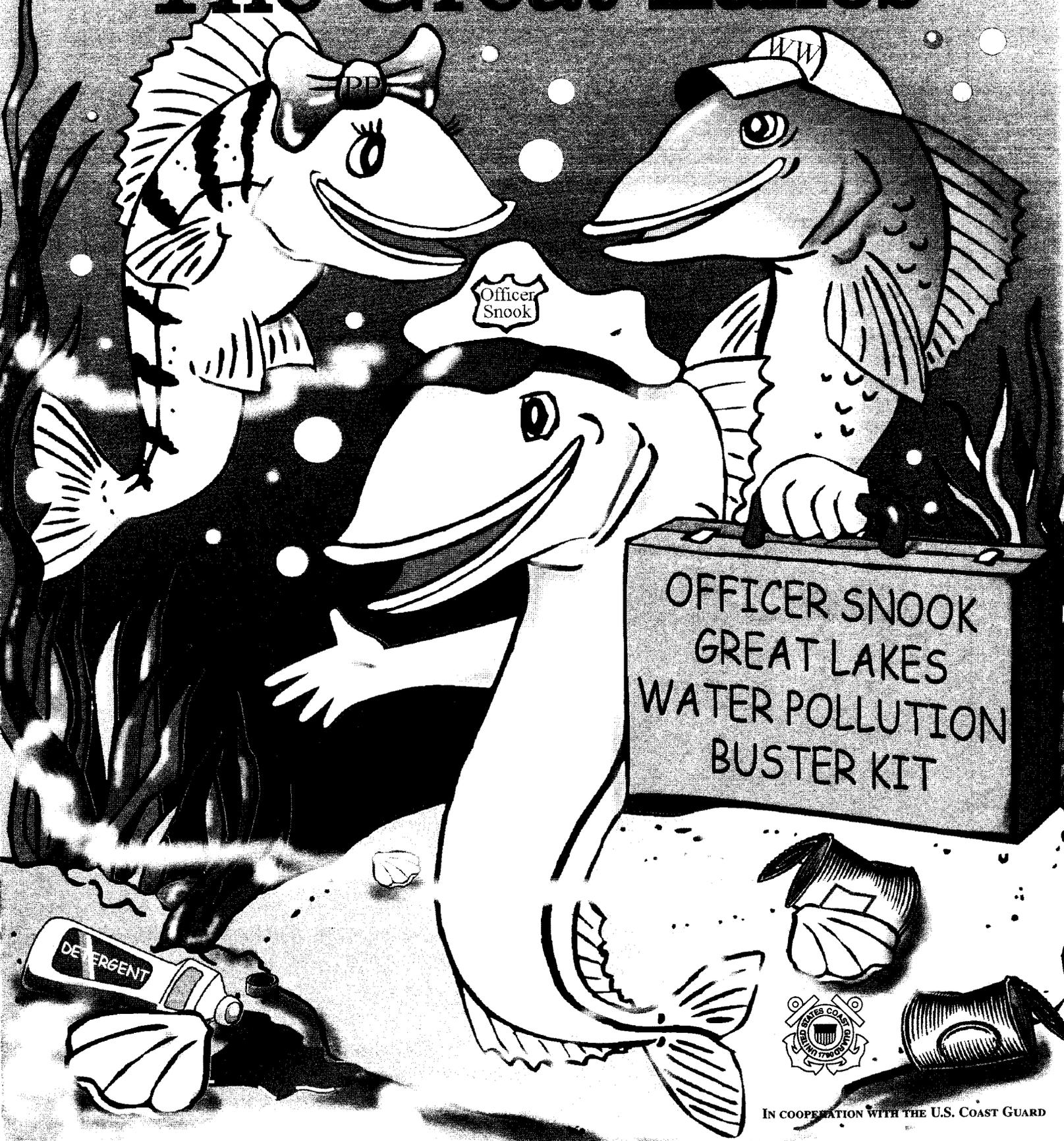
Enclosures:

- a. Interim Report & Payment request
- b. Final accounting sheet
- c. Final bill for books and stickers
- d. Breakdown on costume and books
- e. Shipping receiving record
- f. Diskette
- g. Coloring books
- h. Photo sheets

# Officer Snook

Visits

# The Great Lakes



OFFICER SNOOK  
GREAT LAKES  
WATER POLLUTION  
BUSTER KIT



IN COOPERATION WITH THE U.S. COAST GUARD

U.S. Department  
of Transportation

**United States  
Coast Guard**



Commander  
Ninth Coast Guard District

1240 East 9th Street  
Cleveland, OH 44199-2060  
Staff Symbol: d  
Phone: (216) 902-6001  
FAX: (216) 902-6059

5700  
25 April 2002

Dear Children, Parents and Educators:

More than one million years ago, much of North America was covered by glacial ice – the Ice Age. About 14,000 years ago, as the earth's climate warmed, the ice began to retreat and land began to rise forming the Great Lakes.

Now covering 200,000 square miles, the vast Great Lakes ecosystem provides a trove of biological diversity where places of great beauty and ecological richness can be found. The basin claims more than 100 species of rare plants and animals, from delicate prairie flowers to hefty 100-pound lake sturgeon fish. The Great Lakes region has seen tremendous economic expansion. Unfortunately, over the years, the lakes have been damaged by some of this growth, and many of the local species are facing extinction.

Threats to the health of the Great Lakes region include improper agricultural development, logging practices, urban expansion, and the destruction of shoreline habitats. Excessive deforestation, pollution, commercial fishing, and the invasion of foreign species like zebra mussels, have also contributed to the devastation of our lakes.

Please help the men and women of the U.S. Coast Guard keep the Great Lakes clean. Join Officer Snook, as he takes us along on his journey through the Great Lakes, to help us identify and prevent pollution.

Sincerely,

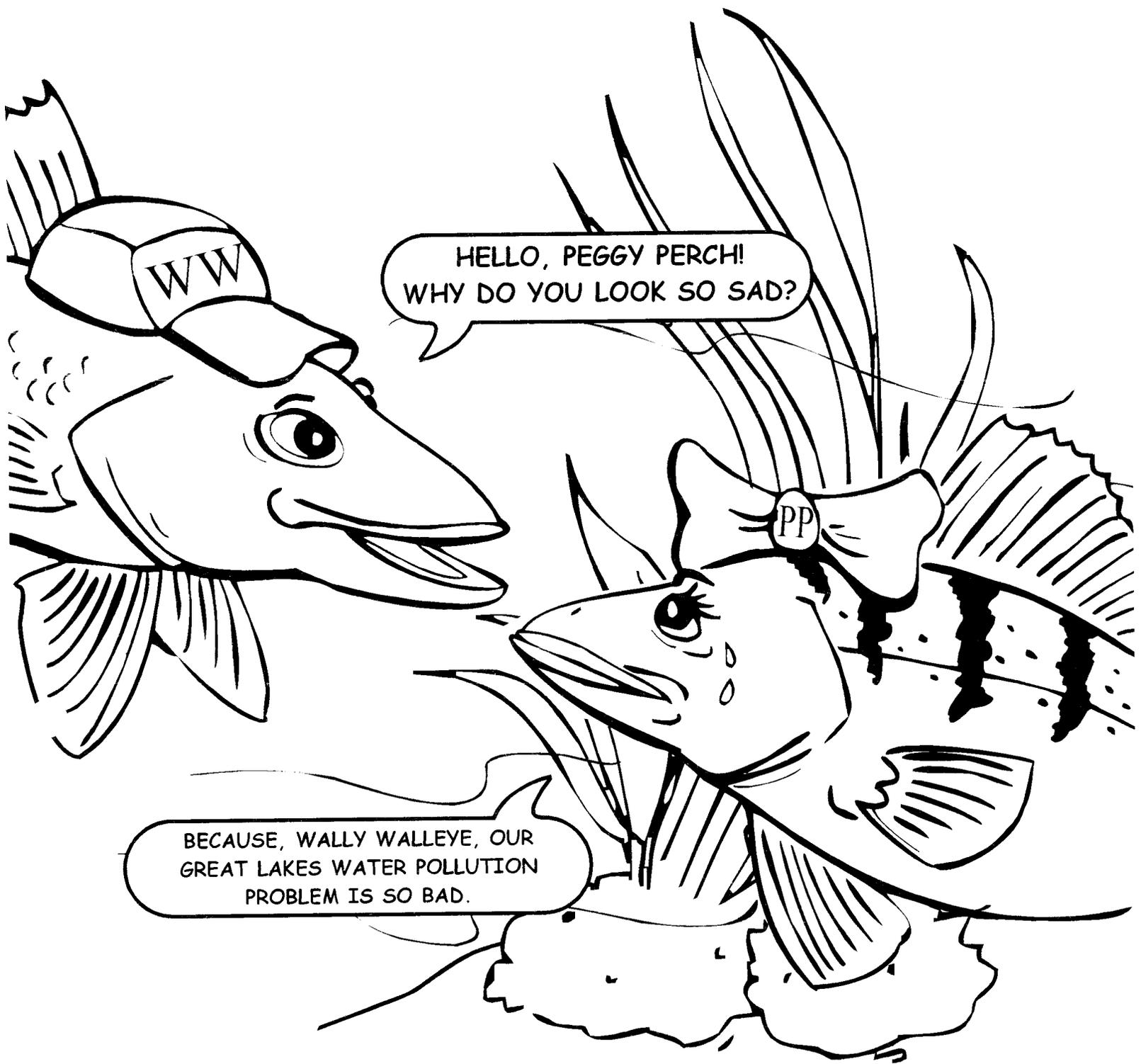
A handwritten signature in black ink, appearing to read "James D. Hull".

JAMES D. HULL  
Rear Admiral, U.S. Coast Guard  
Commander, Ninth Coast Guard District

“U.S. Coast Guard involvement with this publication is in furtherance of the Coast Guard’s marine environmental protection mission. It does not constitute an endorsement of the publisher or sponsors of this book.”

**Authors: Elaine Sevin, Jennifer Sevin, Scott Sevin**

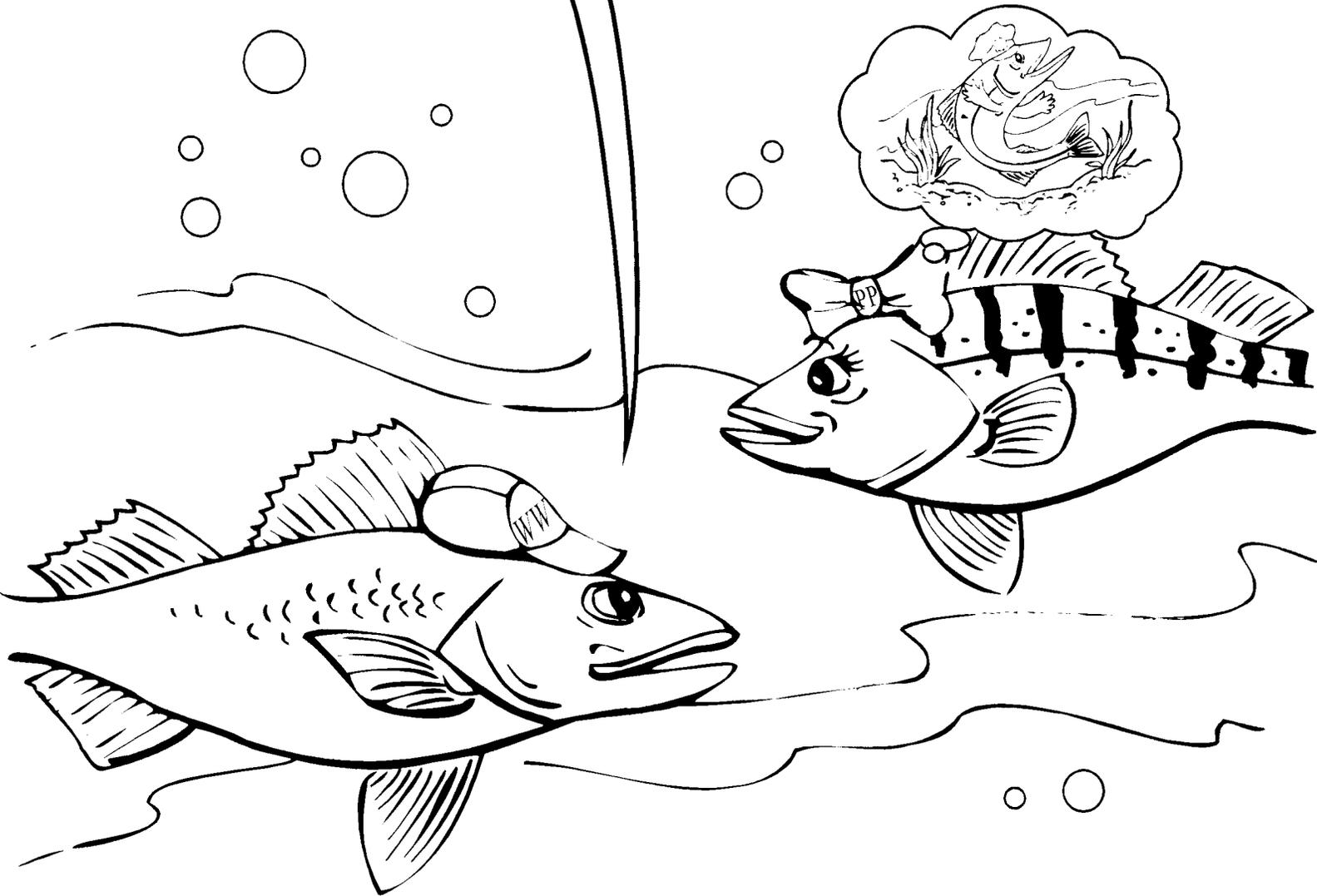
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The Great Lakes are all one system, connected by channels that begin at the headwaters of Lake Superior and flow into the Atlantic Ocean by way of the St. Lawrence River. The Great Lakes form the largest reservoir of fresh water on Earth. Together, they hold about 6 QUADRILLION gallons of water.

How many zeroes does 6 quadrillion have?

WHY NOT E-MAIL YOUR COUSIN, OFFICER SNOOK? HE MAY HAVE A SOLUTION. I UNDERSTAND HE TRAVELS THE WORLD HELPING TO STOP WATER POLLUTION.



The **Snook** is a real fish that can live in either salt or fresh tropical waters. It is found in the southern half of Florida, the Gulf of Mexico and from Mexico to Peru. The bass and perch are its closest relatives. Like all life in and around the water, snook rely on a healthy environment in order to survive. **OFFICER SNOOK**, a cartoon fish, is a symbol of protecting our water environment worldwide. Join the campaign - **HELP OFFICER SNOOK STOP WATER POLLUTION!**

If Peggy Perch is the color of the sun, what kind of perch is she?

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Which of the Great Lakes is known as “The Walleye Capital of the World”?

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## MEANWHILE... SOMEWHERE IN THE GULF OF MEXICO

I'm Officer Snook; I live in freshwater and the sea.  
I come with a message that's important for you and me.

Our waters once blue and perfectly clear,  
are now full of pollution. I must shed a tear.

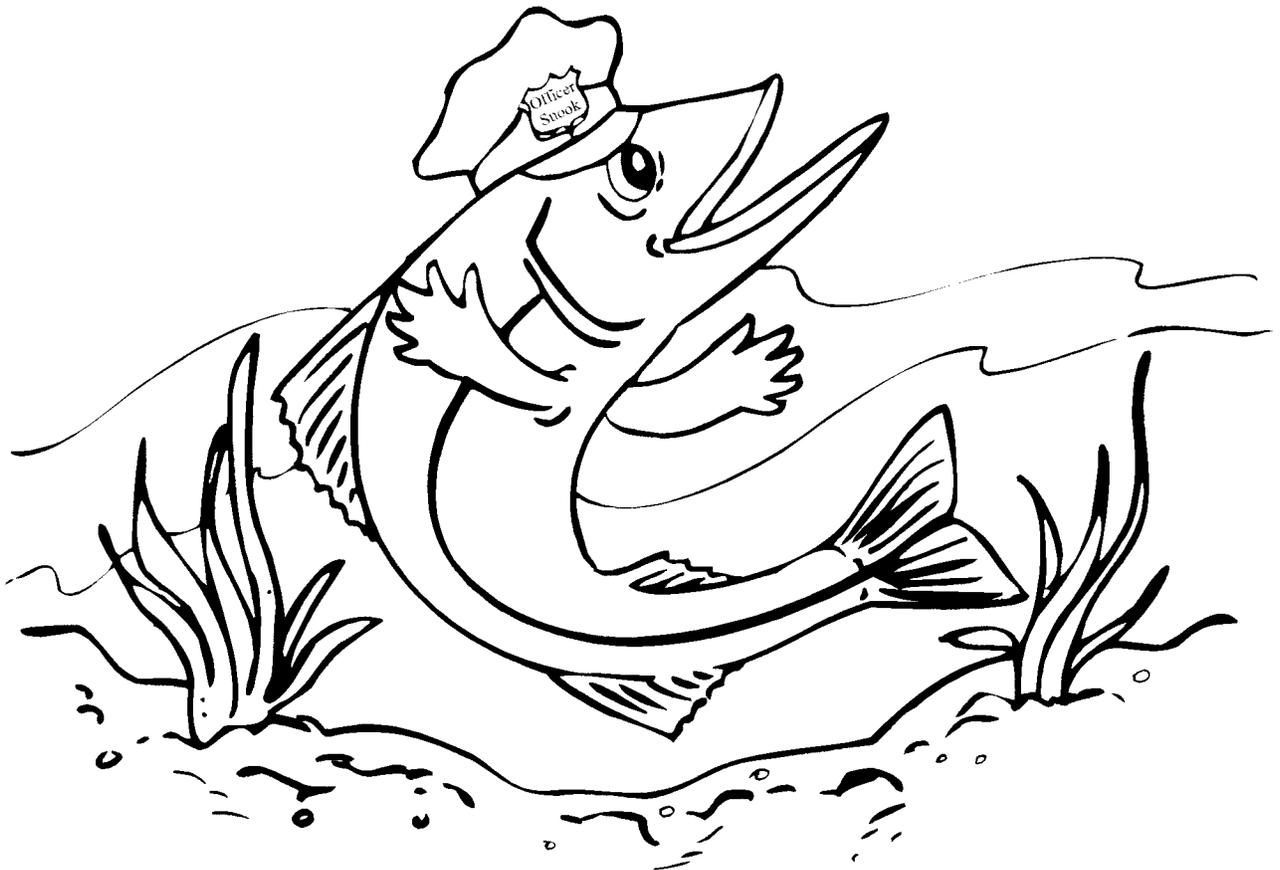
People dump garbage, and we down below,  
beg and plead "Please! Please! No!"

Dangerous chemicals often leak.  
Our underwater hospitals grow by the week.

When an oil tanker leaks or splits apart,  
it causes great damage and breaks everyone's heart.

Now, I need your help and I need it quick,  
before our polluted waters make all of us sick.

My message is simple: Don't wait another year!  
Help stop the abuse — make our waters crystal clear.



GREAT IDEA, WALLY. I WILL E-MAIL OFFICER SNOOK RIGHT AWAY.  
I'LL TELL HIM ABOUT OUR POLLUTION PROBLEMS AND SEE WHAT HE HAS TO SAY.



Dear Cousin  
Officer Snook;

DEAR COUSIN PEGGY PERCH,  
YOUR SITUATION SOUNDS BLEAK.  
  
I'M ON MY WAY UP.  
I'LL BE THERE NEXT WEEK.

LIST SOME TYPES OF POLLUTION  
YOU THINK ARE IN THE GREAT  
LAKES.

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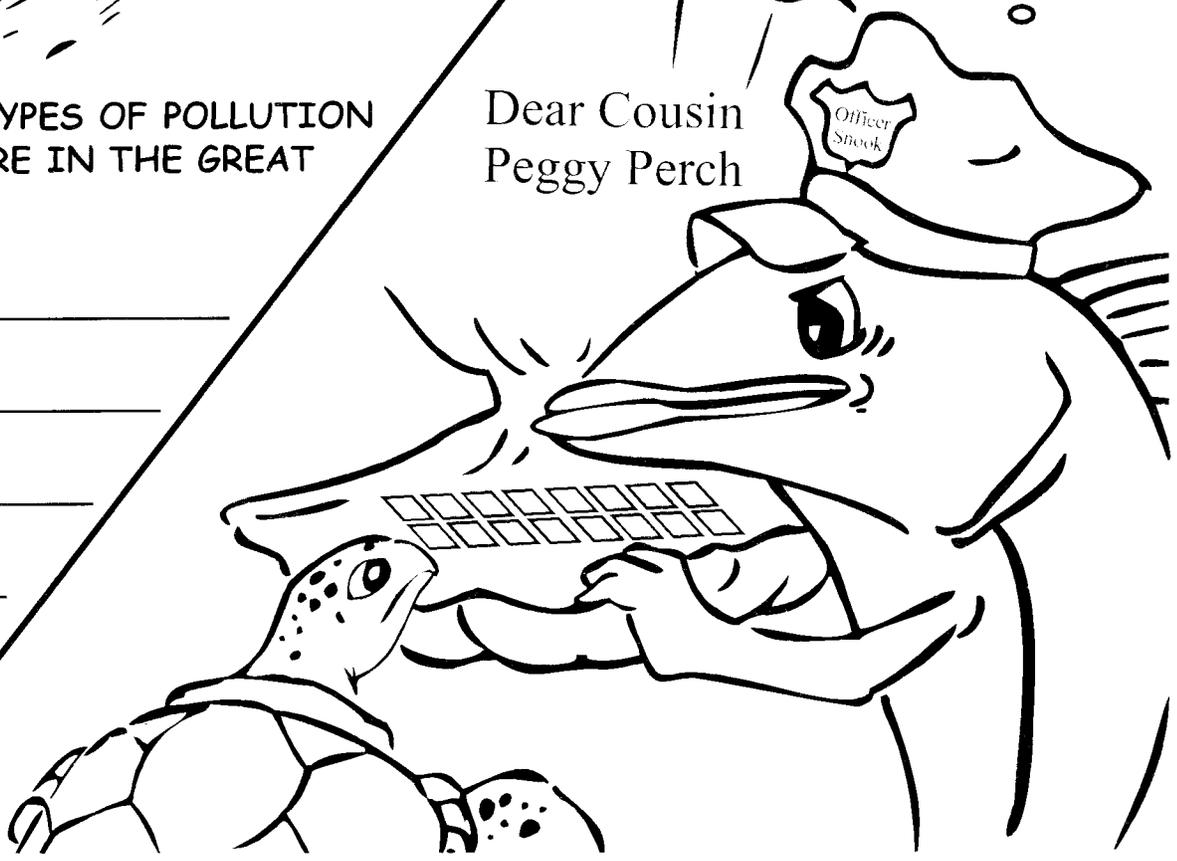
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Dear Cousin  
Peggy Perch

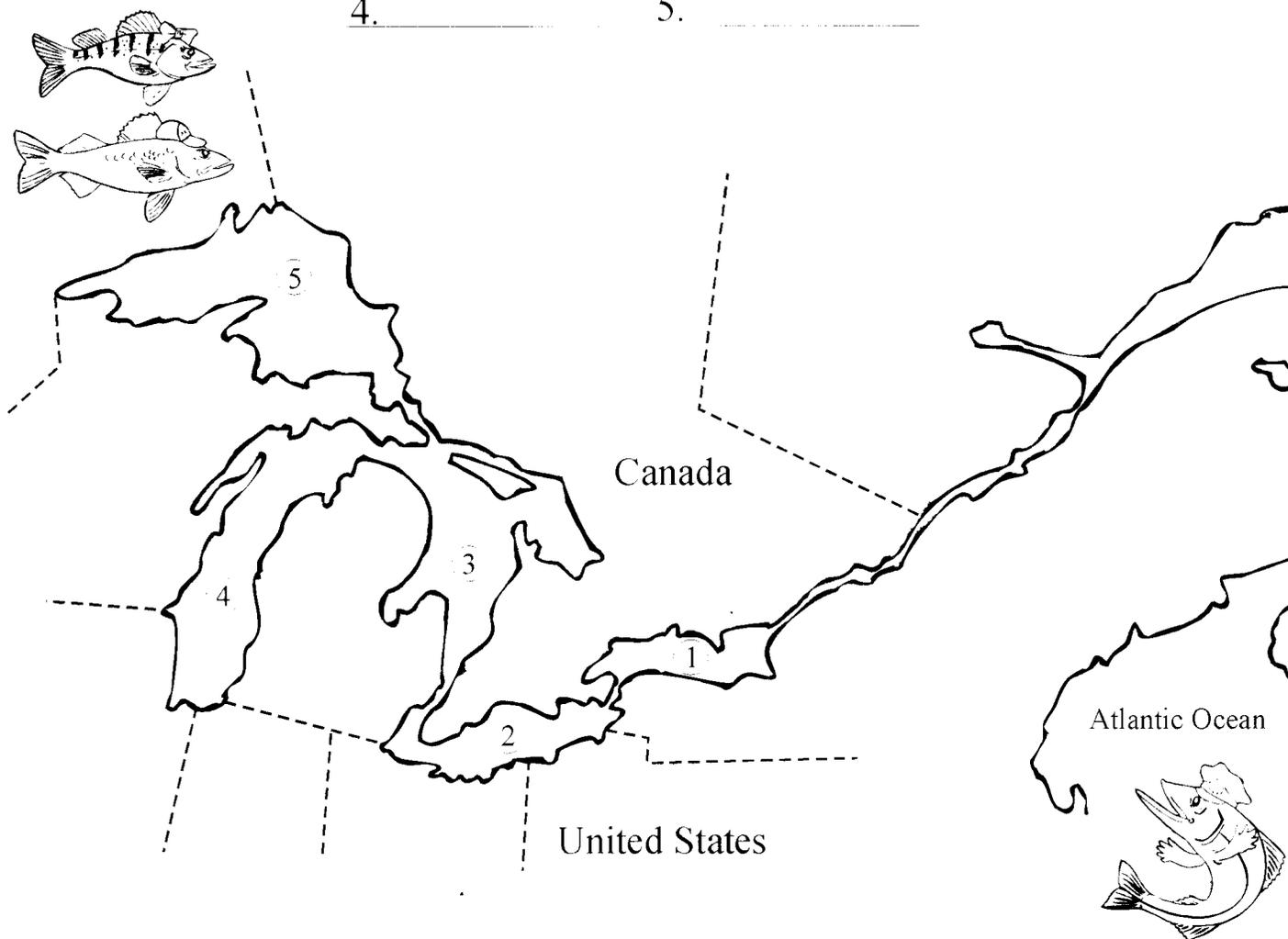


For about 10,000 years, people have been enjoying the natural resources of the Great Lakes. The Lakes are used for drinking water, industry, agriculture, electric power, recreational boating, commercial and sport fishing, urban living and shipping. All of these sources contribute to a water pollution problem.

The Great Lakes were formed as a result of volcanic and glacial activity millions of years ago. Today, the Great Lakes drainage basin includes eight states and two countries. The water levels of the Lakes are constantly changing due to both man-made and natural causes. Water enters the Great Lakes through precipitation, runoff from the land, groundwater and inflow from upstream lakes. Water leaves the Lakes through natural processes such as evaporation and outflow to other lakes and rivers downstream. It also leaves through man-made means such as intake pipes and other water diversions.

Help Officer Snook find his way toward Peggy and Wally.  
Name the 5 Great Lakes.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_

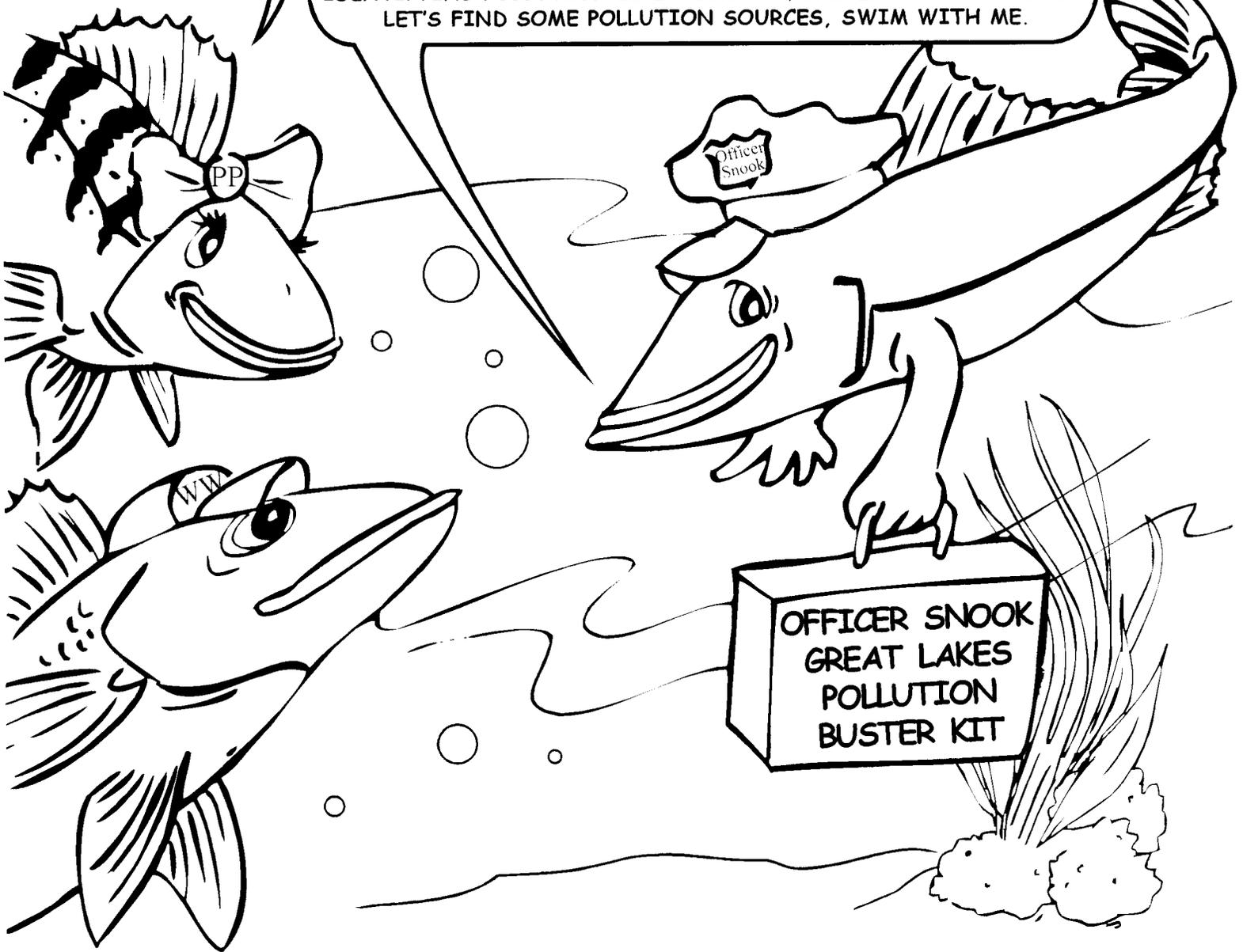


Which eight states border the Great Lakes?

1. \_\_\_\_\_ 3. \_\_\_\_\_ 5. \_\_\_\_\_ 7. \_\_\_\_\_  
2. \_\_\_\_\_ 4. \_\_\_\_\_ 6. \_\_\_\_\_ 8. \_\_\_\_\_

WELCOME, OFFICER SNOOK, WE'RE GLAD TO SEE YOU!  
OUR POLLUTION PROBLEM IS SERIOUS. WHAT CAN WE DO?

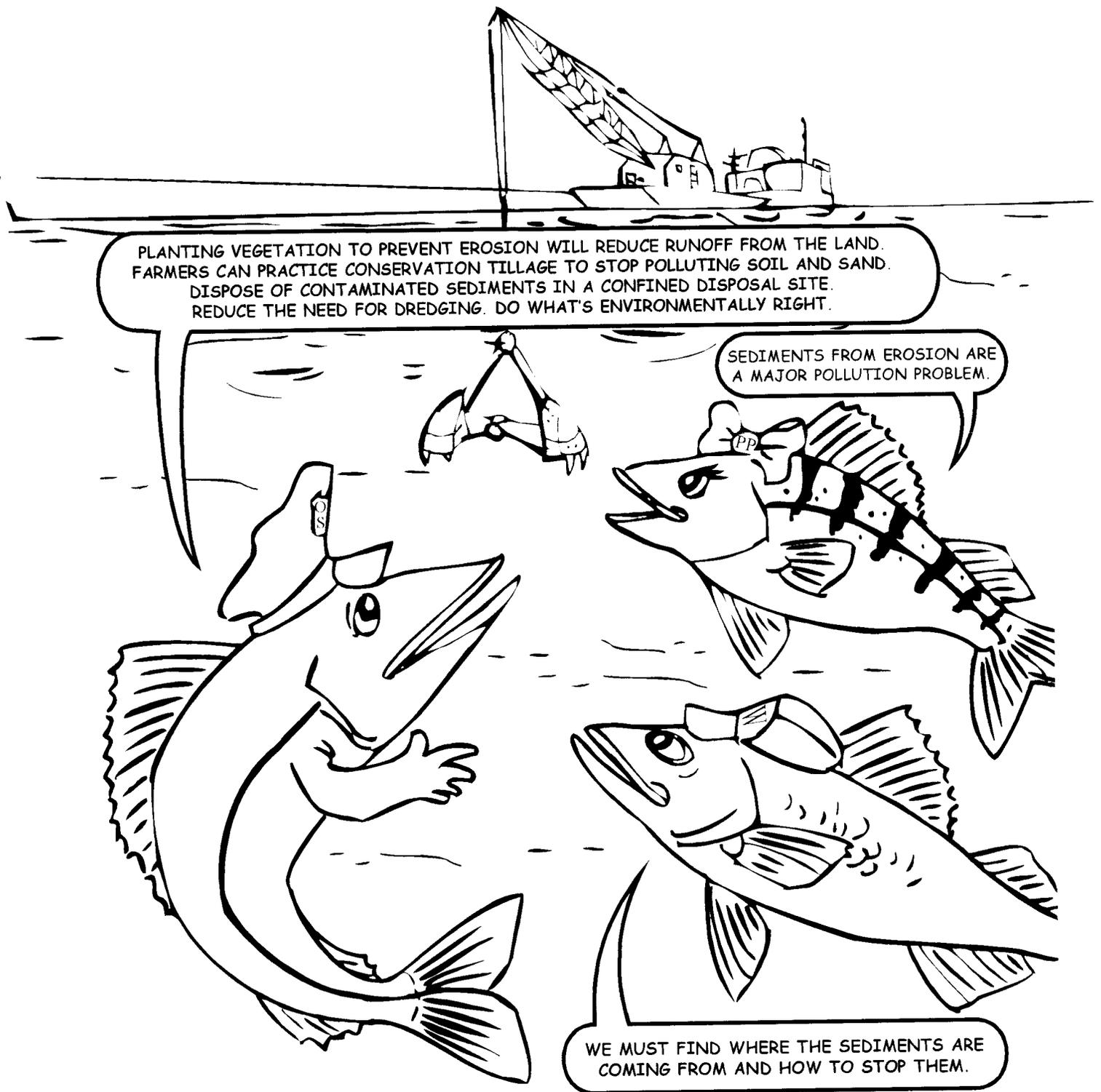
HELLO, PEGGY AND WALLY. I'M GLAD TO BE HERE.  
I'VE HEARD ABOUT YOUR PROBLEMS, BUT HAVE NO FEAR.  
IDENTIFYING POLLUTION IS IMPORTANT; PREVENTION IS THE KEY.  
LET'S FIND SOME POLLUTION SOURCES, SWIM WITH ME.



The Great Lakes region contains many different ecosystems such as sand dunes, coastal marshes, rocky shorelines, lake plain prairies, forests and wetlands. These ecosystems support a wealth of biological diversity such as the white-tailed deer and the saw-whet owl. Each ecosystem plays a role in the health and well-being of the entire Lake system. That is why pollution in one area may affect the entire Great Lakes region.

Name four animals other than fish that can be found in the ecosystems of the Great Lakes.

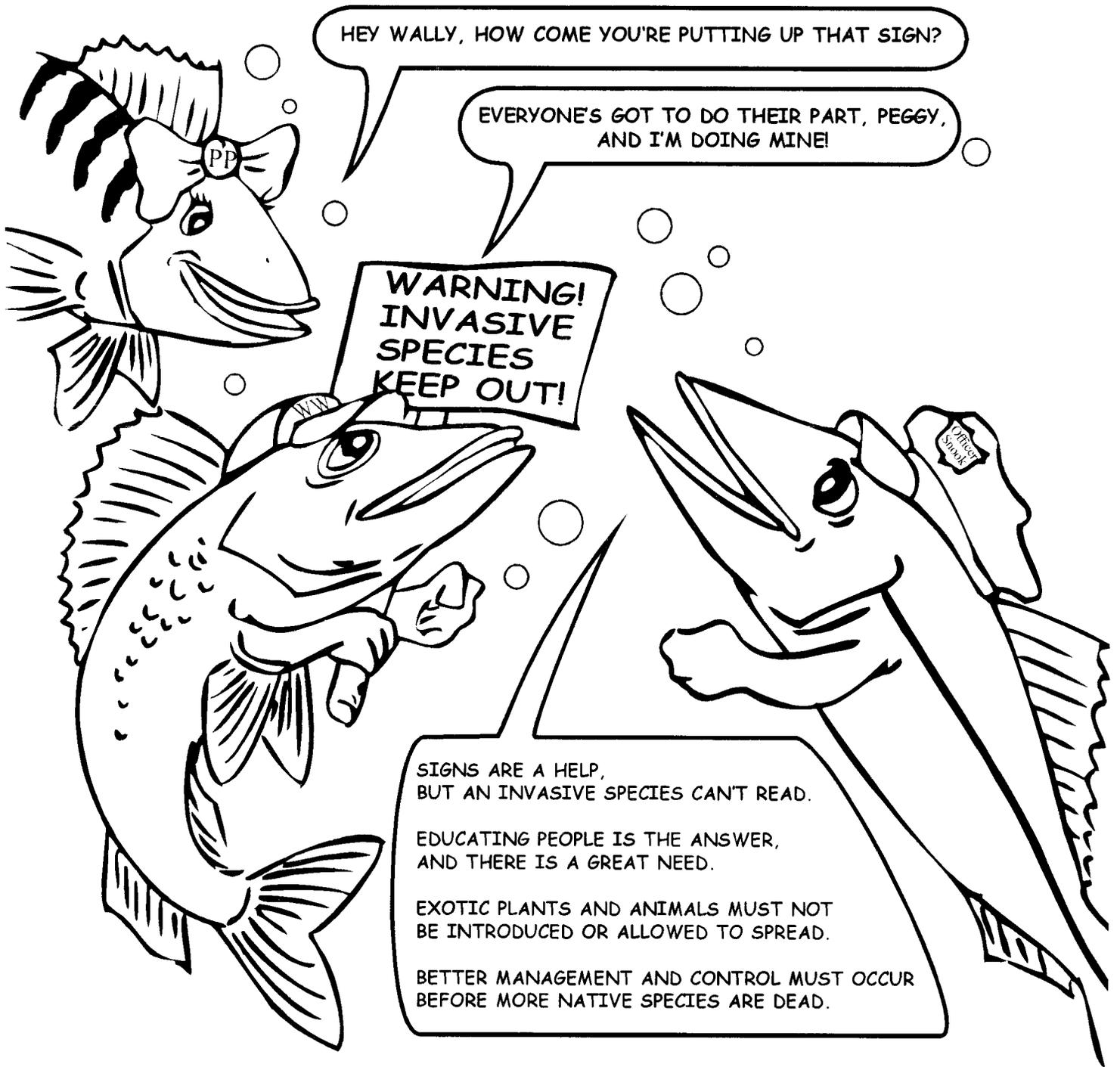
- 1.
- 2.
- 3.
- 4.



Countless commercial vessels use the Great Lakes/St. Lawrence River System to transport cargo. Navigation channels must constantly be dredged to remove sediments so that these vessels can travel safely in and out of ports. Erosion from the land due to agricultural practices and unwise shoreline construction are two causes of sediment runoff that can fill in navigation channels, tributaries and lakes. Sediments can cause water to become murky or cloudy (turbid), which can stop the growth of plants by blocking out sunlight, affecting the entire food chain. Phosphorus from agricultural runoff can result in the growth of algae, leading to less oxygen in the water and frequent fish kills.

Name four types of cargo transported by commercial vessels on the Great Lakes.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_



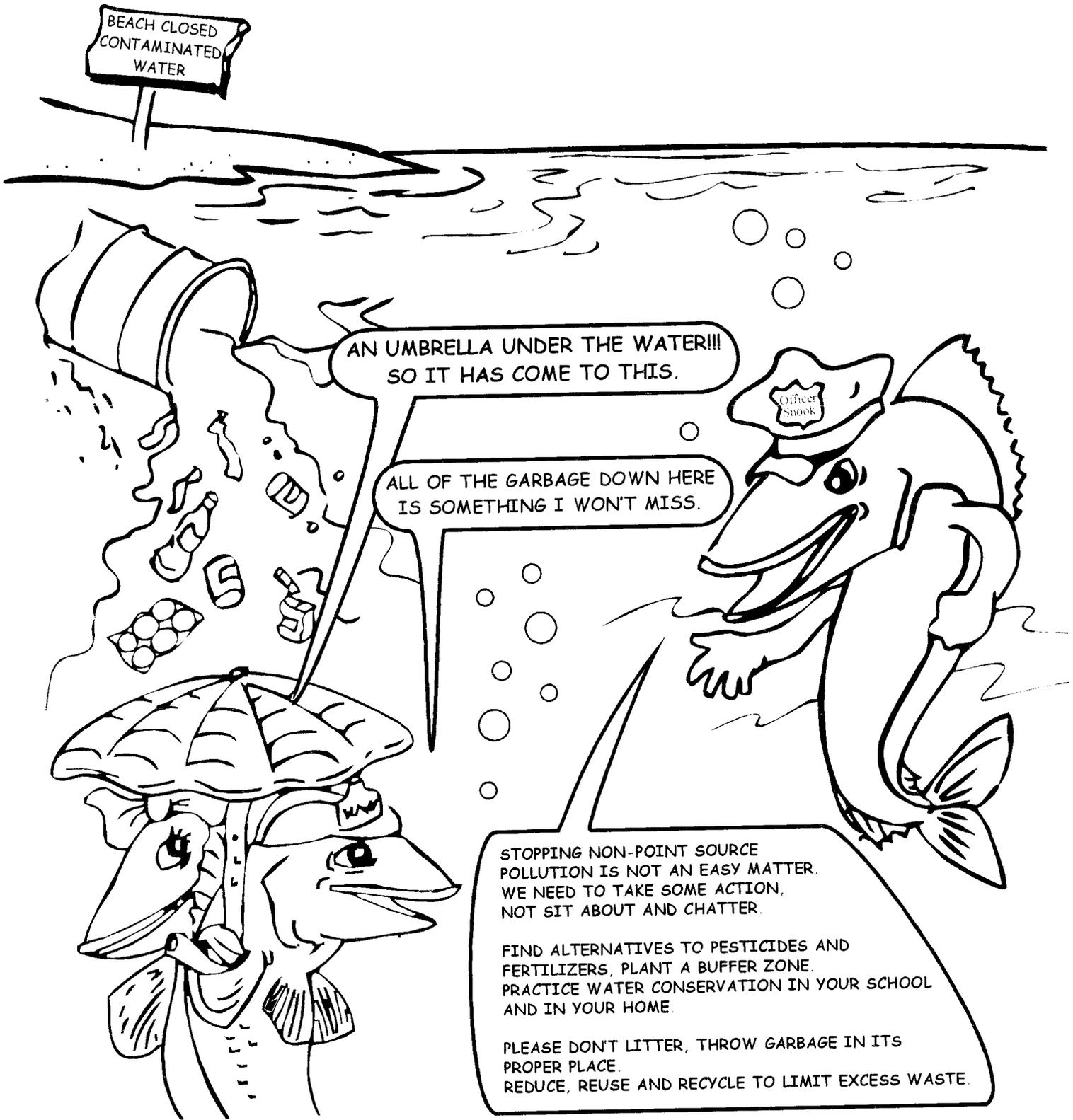
The Great Lakes are having a serious problem with invasive (non-native) species such as the sea lamprey, zebra mussel, fishhook water flea and the purple loosestrife. Some invasive species can overtake habitats and have dangerous impacts on ecosystems. Entire fish populations could be wiped out, which could destroy the Great Lakes' multi-billion dollar fishing industry. Ballast water from ships, accidental release from aquaculture and bait and aquarium trade can all contribute to the introduction of non-native species. Boaters can help prevent the spread of invasive species by steam cleaning or thoroughly washing their boats after each use, and by letting their boats dry for at least three days before placing the boat in another body of water.

Select an invasive species and tell how it is endangering the Great Lakes and native species of plants or animals.

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Point-source pollution is usually easy to identify and stop because it comes from a single source, such as a factory or wastewater treatment plant. Non-point source pollution is more difficult to trace and prevent because it can come from a variety of places and practices. Some examples include sediments from construction sites, nutrients from leaking septic systems, chemicals and heavy metals from pesticides and solid waste from litter.

Name four items you can recycle.

1.

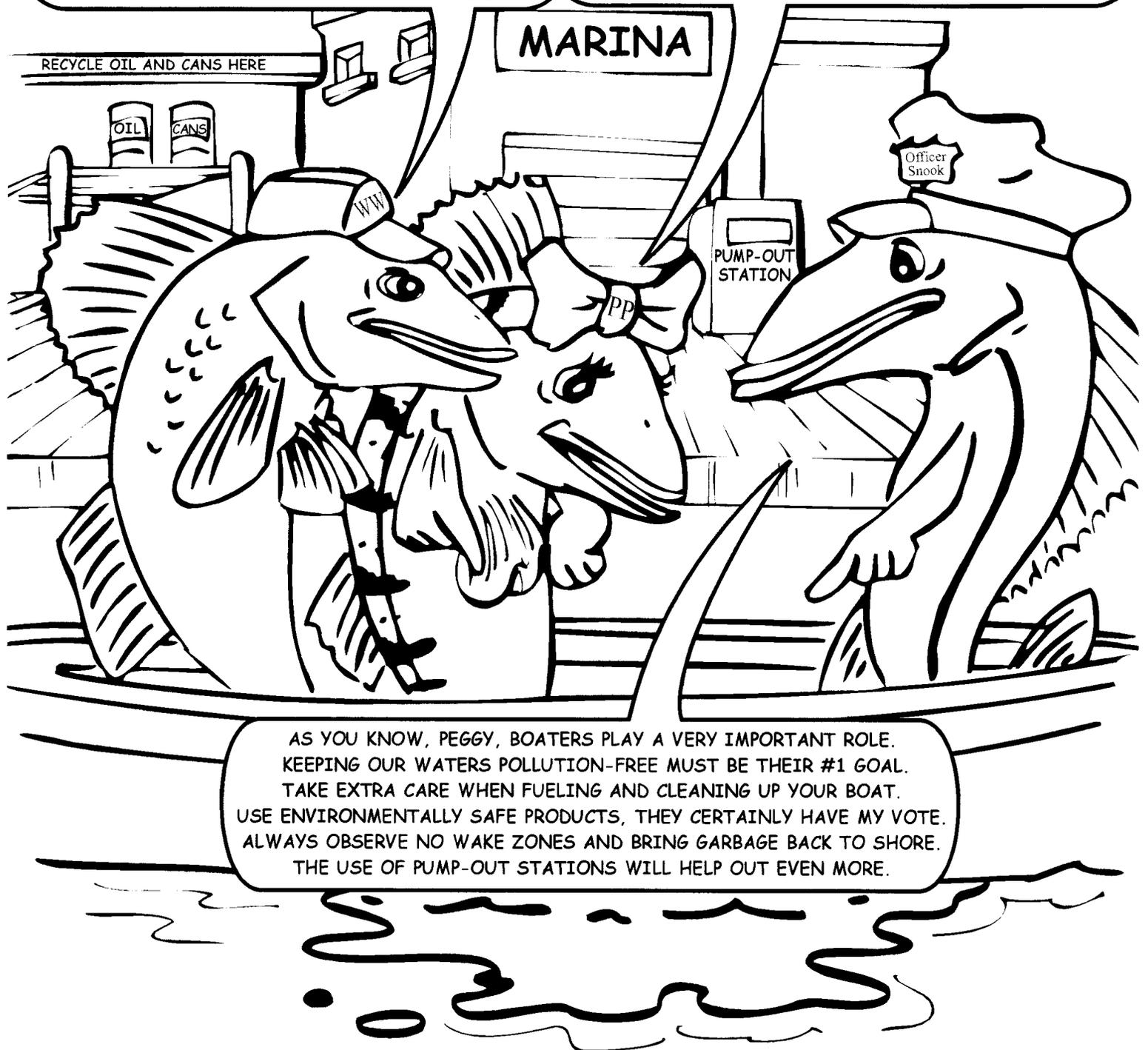
2.

3.

4.

A CARELESS BOATER SPILLED OIL!  
JUST LOOK AT THIS OIL SHEEN.

OFFICER SNOOK, WHAT CAN BOATERS  
DO TO KEEP THE WATERS CLEAN?

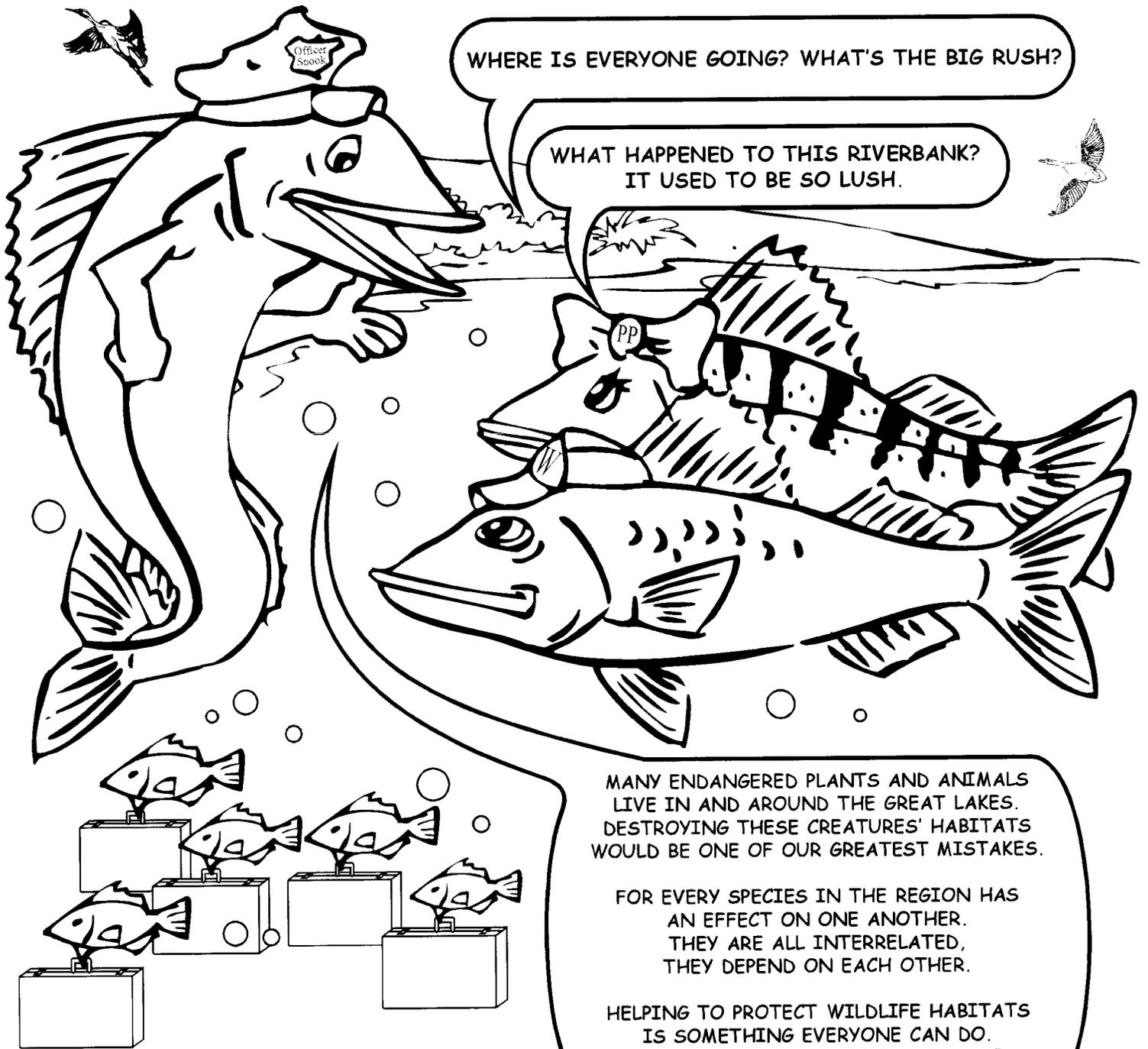


AS YOU KNOW, PEGGY, BOATERS PLAY A VERY IMPORTANT ROLE.  
KEEPING OUR WATERS POLLUTION-FREE MUST BE THEIR #1 GOAL.  
TAKE EXTRA CARE WHEN FUELING AND CLEANING UP YOUR BOAT.  
USE ENVIRONMENTALLY SAFE PRODUCTS, THEY CERTAINLY HAVE MY VOTE.  
ALWAYS OBSERVE NO WAKE ZONES AND BRING GARBAGE BACK TO SHORE.  
THE USE OF PUMP-OUT STATIONS WILL HELP OUT EVEN MORE.

Approximately 3.7 million recreational boaters enjoy the Great Lakes. Sportfishing and marina-related sales account for billions of dollars annually for the economy of states around the Great Lakes. Good marina and boating practices are a must in order to keep the Lakes healthy. Chemicals, oil and sewage dumped into our waters by boaters and marinas can result in poor water quality and habitat destruction. A marina's design and location must have minimal impact on environments such as shellfish beds, wetlands and submerged aquatic vegetation.

Besides boating, name four water-related activities people can enjoy on the Great Lakes.

1. ....
2. ....
3. ....
4. ....



WHERE IS EVERYONE GOING? WHAT'S THE BIG RUSH?

WHAT HAPPENED TO THIS RIVERBANK? IT USED TO BE SO LUSH.

MANY ENDANGERED PLANTS AND ANIMALS LIVE IN AND AROUND THE GREAT LAKES. DESTROYING THESE CREATURES' HABITATS WOULD BE ONE OF OUR GREATEST MISTAKES.

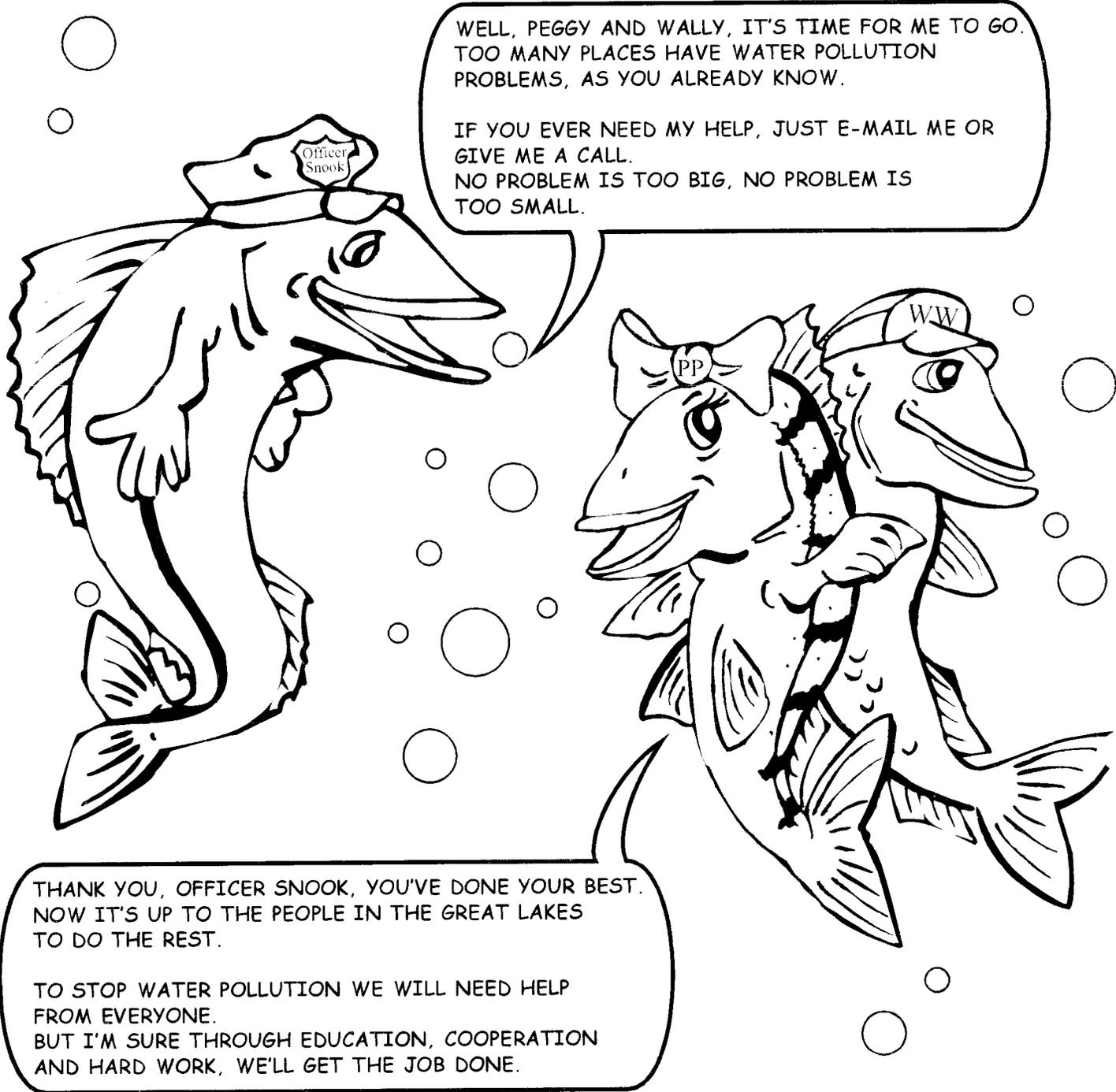
FOR EVERY SPECIES IN THE REGION HAS AN EFFECT ON ONE ANOTHER. THEY ARE ALL INTERRELATED, THEY DEPEND ON EACH OTHER.

HELPING TO PROTECT WILDLIFE HABITATS IS SOMETHING EVERYONE CAN DO. PEGGY PERCH, WALLY WALLEYE AND I ARE COUNTING ON YOU.

The Great Lakes provide habitat for a wide variety of animals and plants. More than 130 rare species and ecosystems are part of this biological diversity. The Lakes are migratory pathways, feeding grounds, and nursery and spawning grounds for many species of fish. Coastal wetlands support vegetation. Wetlands help improve water quality by controlling sediments and absorbing nutrients. By removing native vegetation, altering natural drainage patterns, filling wetlands, and modifying shorelines and streambeds, people can cause serious habitat destruction.

Besides the perch and the walleye, name five other species of fish found in the Great Lakes.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



WELL, PEGGY AND WALLY, IT'S TIME FOR ME TO GO. TOO MANY PLACES HAVE WATER POLLUTION PROBLEMS, AS YOU ALREADY KNOW.

IF YOU EVER NEED MY HELP, JUST E-MAIL ME OR GIVE ME A CALL. NO PROBLEM IS TOO BIG, NO PROBLEM IS TOO SMALL.

THANK YOU, OFFICER SNOOK, YOU'VE DONE YOUR BEST. NOW IT'S UP TO THE PEOPLE IN THE GREAT LAKES TO DO THE REST.

TO STOP WATER POLLUTION WE WILL NEED HELP FROM EVERYONE. BUT I'M SURE THROUGH EDUCATION, COOPERATION AND HARD WORK, WE'LL GET THE JOB DONE.

What will you do to assist Peggy Perch and Wally Walleye in helping **Officer Snook Stop Water Pollution?**

- |                   |    |    |    |     |
|-------------------|----|----|----|-----|
| 1. <b>Recycle</b> | 3. | 5. | 7. | 9.  |
| 2.                | 4. | 6. | 8. | 10. |

# Vocabulary

**Aquaculture** – the growing and harvesting of fish and other aquatic species in a controlled environment

**Ballast Water** – water used in the hold of a ship to keep the ship balanced

**Ecosystem** – a community of different species interacting with each other and their environment

**Erosion** – the wearing away, detachment or movement of rocks and soil particles on land by wind, water, ice or other geologic agents

**Phosphorus** – a poisonous, waxy chemical that can cause harm to the environment

**Sediments** – transported and deposited particles of rock, soil and organic matter in water

**Water Pollution** – the act or process whereby a physical, chemical, or biological change in water causes harm to living organisms or makes the water unfit for one or more uses

# Answer Sheet

Page 3: 6,000,000,000,000,000 (15 Zeros)

Page 4: Peggy is a “Yellow Perch”  
Walleye capital of the world is “Lake Erie”

Page 6: Some types of pollution are: garbage, sewage, chemicals, oil, fertilizers, pesticides, sediments and invasive species

Page 7: Five Great Lakes are: 1. Ontario 2. Erie 3. Huron 4. Michigan 5. Superior  
Eight states bordering the Great Lakes: Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio, Pennsylvania, New York

Page 8: Some animals or birds found in Great Lakes ecosystems: osprey, river otter, sandhill cranes, egrets, grouse, and fox

Page 9: Types of cargo: coal, iron ore, grain, chemicals, lumber, and salt

Page 10: Invasive species are a form of biological pollution.

- Zebra mussels, small fingernail-sized mussels, can clog irrigation pipes, grow on boat hulls and piers, and disrupt the natural food chain.
- Sea lamprey, an eel-like fish, has contributed to the decline of whitefish, lake trout, and other species of fish in the Great Lakes.
- Purple Loosestrife, a floating plant, is overtaking native plant species and changing their habitat.
- Fishhook water flea, one centimeter in size, upsets lower levels of the food chain by feeding on organisms young fish need. Lacks predators to keep it from multiplying.

Page 11: Sample recycle items: newspaper, aluminum cans, plastics, motor oil, cardboard, and glass

Page 12: Water-related activities: swimming, diving, water skiing, fishing, snorkeling, and windsurfing

Page 13: Other fish found in the Great Lakes: whitefish, sturgeon, herring, perch, sucker, trout, bass, bluegill, crappie, sunfish, catfish, muskellunge, carp, pike, and salmon

Page 14: Help Officer Snook: recycle; reduce; recover; pick up trash; throw garbage away properly; teach others about pollution; buy environmentally friendly products; volunteer for beach cleanups; support better laws for your water resource protection; conserve water and plant native trees

# History of the Coast Guard

The United States Coast Guard is the nation's oldest continuous seagoing service. It is over 200 years old. When our nation was born almost all trade was done by ship. Immediately there became a need for an organization to insure safe transportation and enforce U.S. Law.

The roots of the U.S. Coast Guard date back to 1790. Over the years the duties of the Coast Guard have expanded. Today they include:

- A. Search and Rescue
- B. Maritime Law Enforcement
- C. Marine Environmental Protection
- D. National Security
- E. Merchant Marine and Boating Safety
- F. Aids to Navigation and Bridge Administration
- G. Port Safety and Security
- H. Ice Operations

The United States Coast Guard and Officer Snook need your help to keep our waterways clean and safe. Don't pollute our environment!

## YOU CAN MAKE A DIFFERENCE. REPORT MARINE POLLUTION.

You can help by reporting marine pollution you see. Get as many details as possible and call the U.S. Coast Guard's National Response Center at 1-800-424-8802 or contact your local Coast Guard by phone or radio (VHF Channel 16).

For more information on citizen reporting or on vessel pollution prevention contact your local Coast Guard Marine Safety Office.

United States Coast Guard  
<http://www.uscg.mil>

U.S. Coast Guard Sea Partners Campaign  
<http://www.uscg.mil/hq/g-m/nmc/seapart.htm>

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