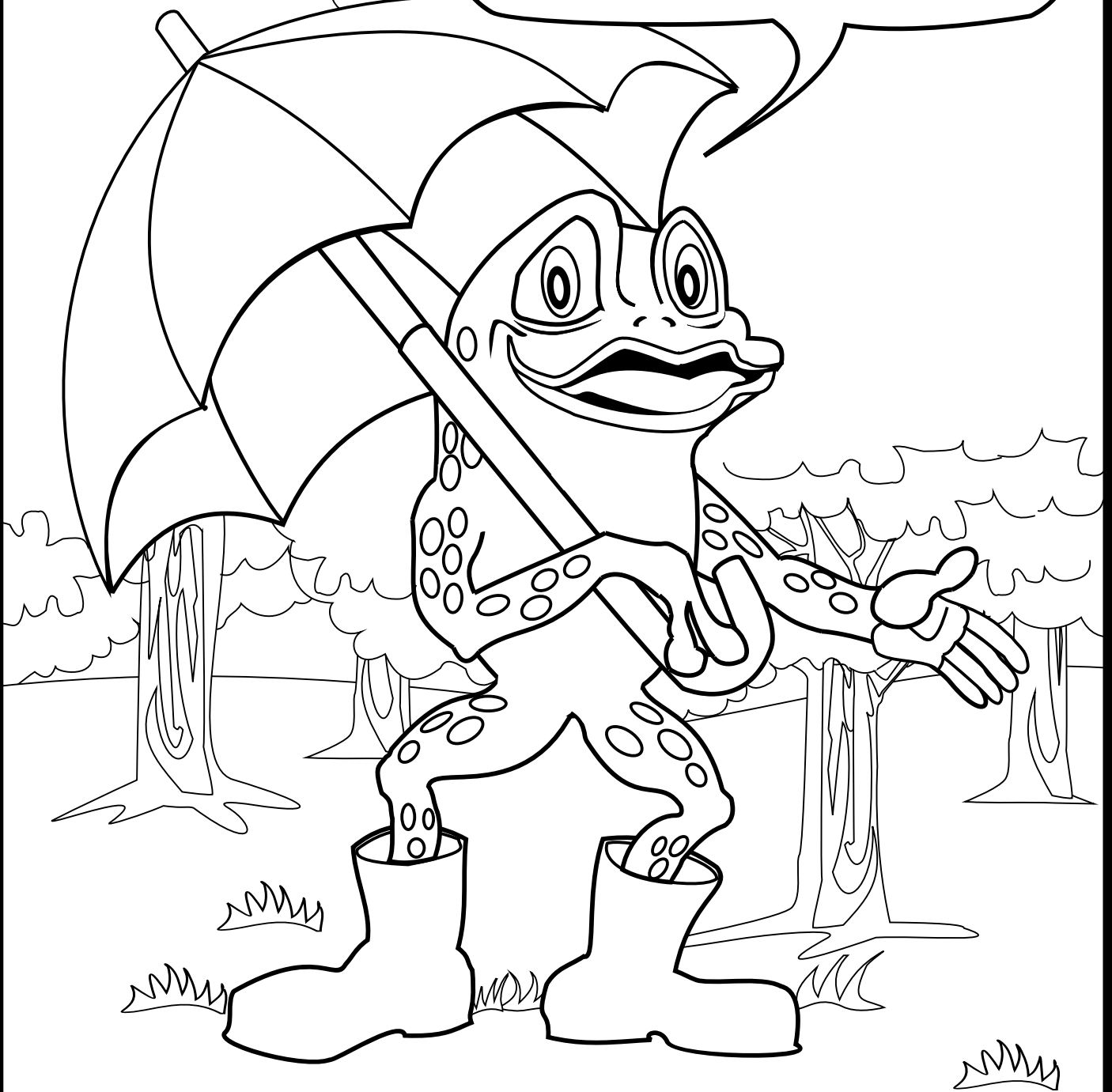


WHAT HAPPENS TO RAIN WHEN IT GOES DOWN THE DRAIN ?

GRAB YOUR GOGGLES!
AND DIVE IN FOR A
NEWS FLASH FROM ME -
M. PHIBIAN FROG !



Hi! My name is
M. PHIBIAN FROG!
I'm here to tell you a story
about stormwater pollution ...

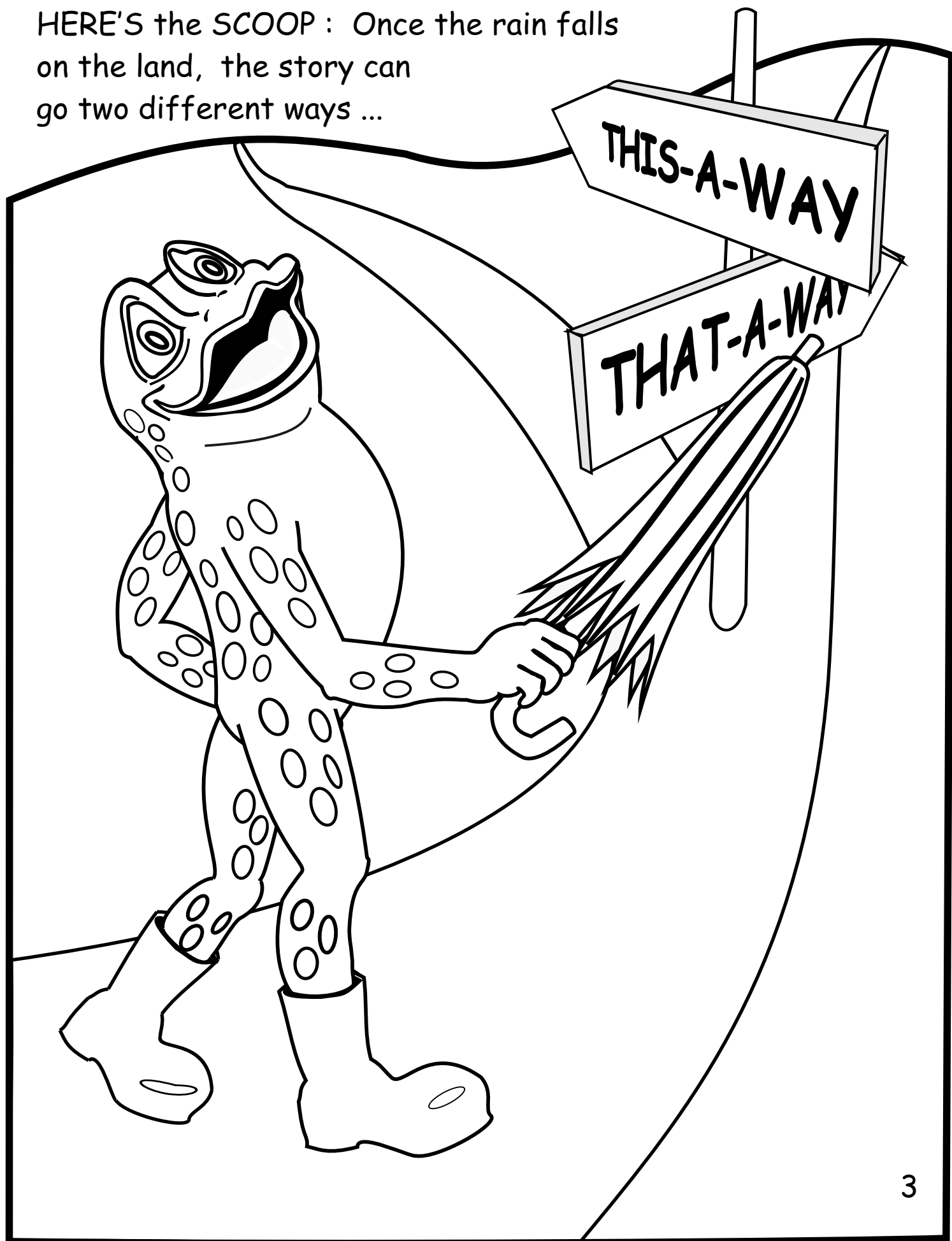


It all starts when rain comes
down and falls on the land...

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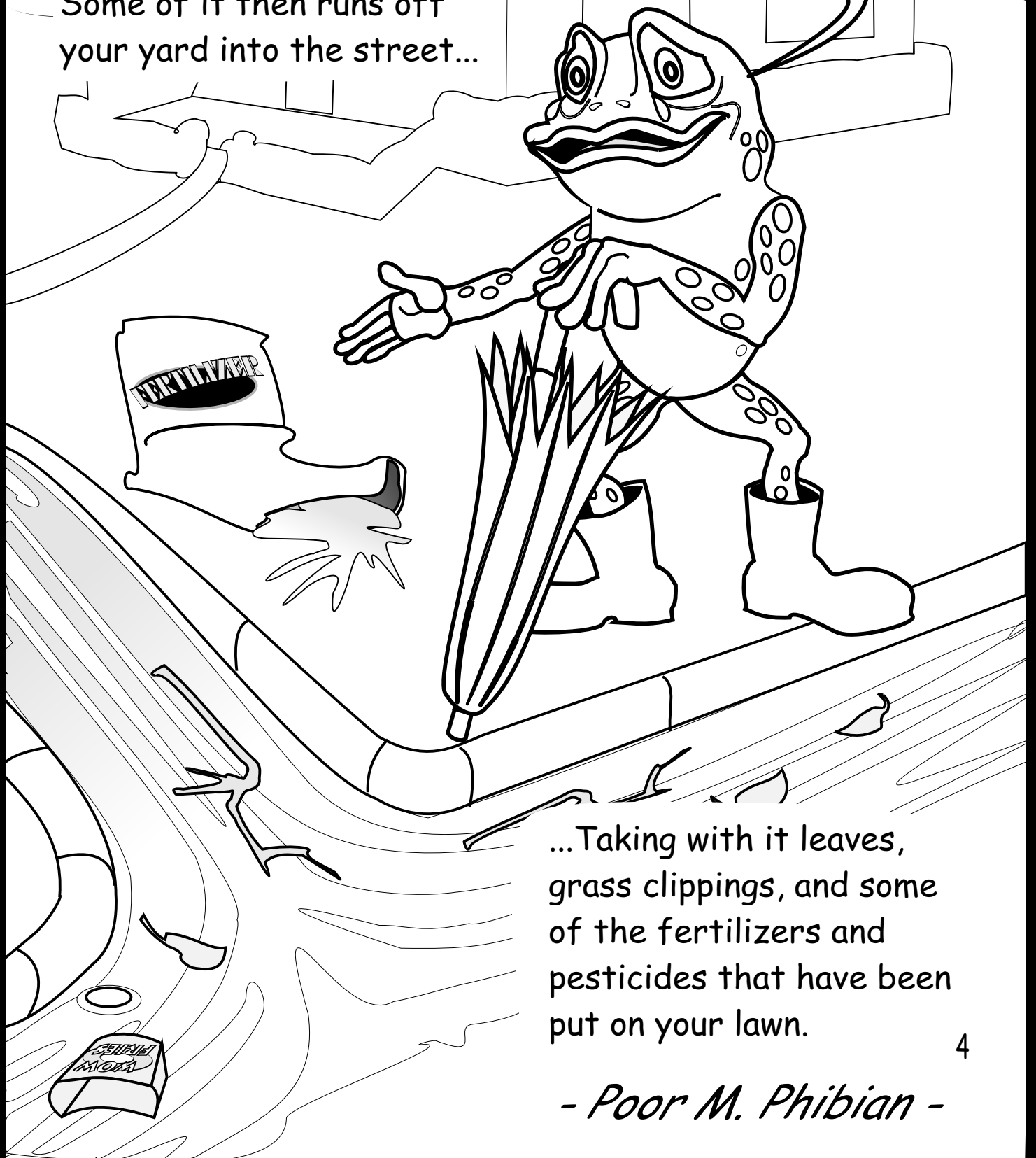


HERE'S the SCOOP : Once the rain falls
on the land, the story can
go two different ways ...




In the first way, some of the rain falls in your yard. Some of it then runs off your yard into the street...


O-o-o-o-o-o-o-o-o-o ---
I think I'm getting
SICK---



...Taking with it leaves, grass clippings, and some of the fertilizers and pesticides that have been put on your lawn.



Some of the rain falls onto parking lots
where it washes oil and grease from cars
and trucks into the streets ...



All this polluted
rainwater flows
off the streets and
parking lots into
a storm drain ...

M. PHIBIAN SAYS :

" The storm drain carries the polluted water into a storm sewer. This might be a ditch or a big underground pipe which carries the water away ... "

BECAUSE EVENTUALLY -

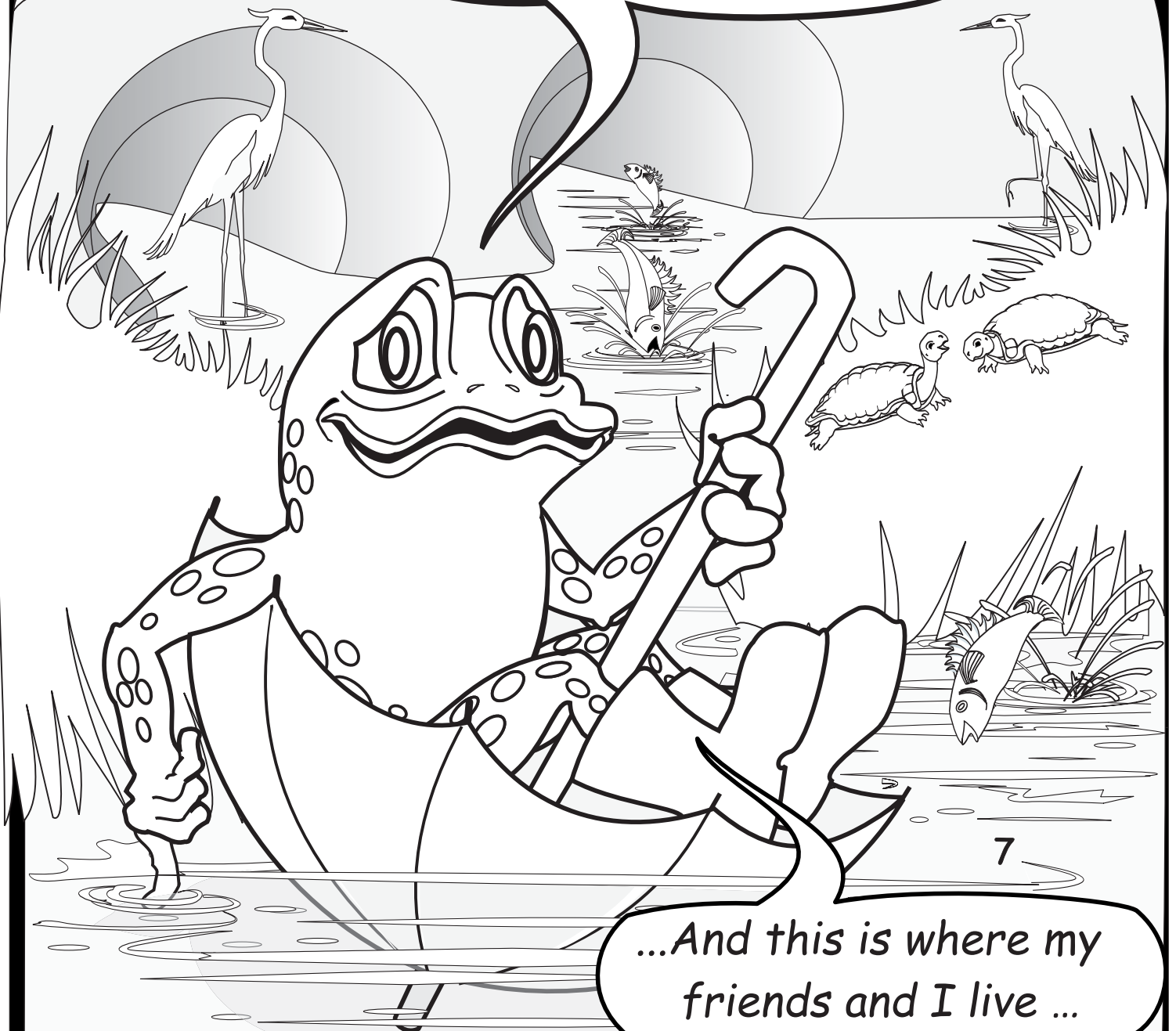
Storm sewers carry
storm water to a lake,
stream, or bay



...And this is where my
friends and I live ...

BECAUSE EVENTUALLY -

Storm sewers carry
storm water to a lake,
stream, or bay



...And this is where my
friends and I live ...

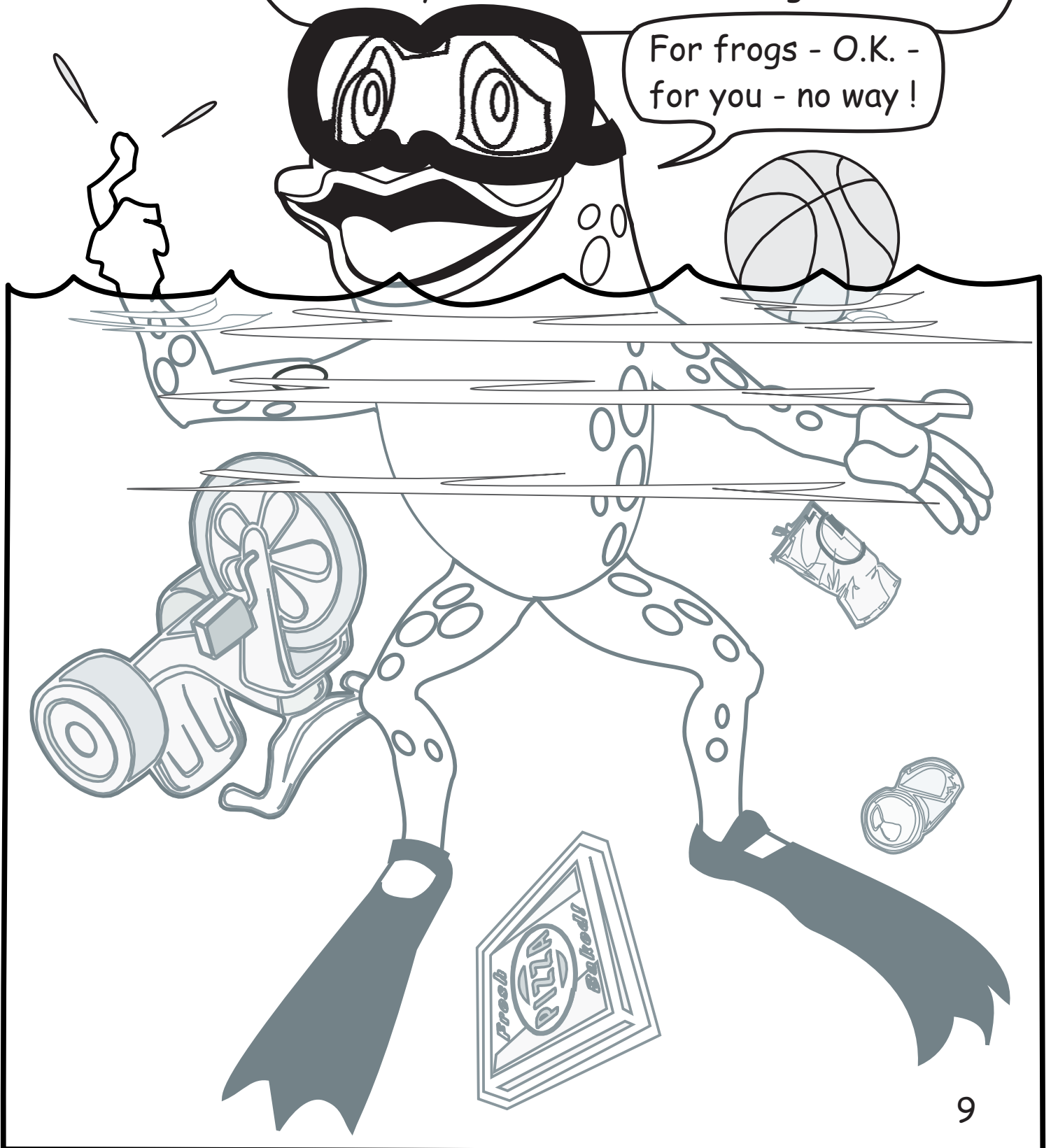
But if our stormwater is
polluted, our lakes, streams
and bays won't be clean
enough for fish and other
wildlife to live ...

Pew-w-w-w-e-e-e-e



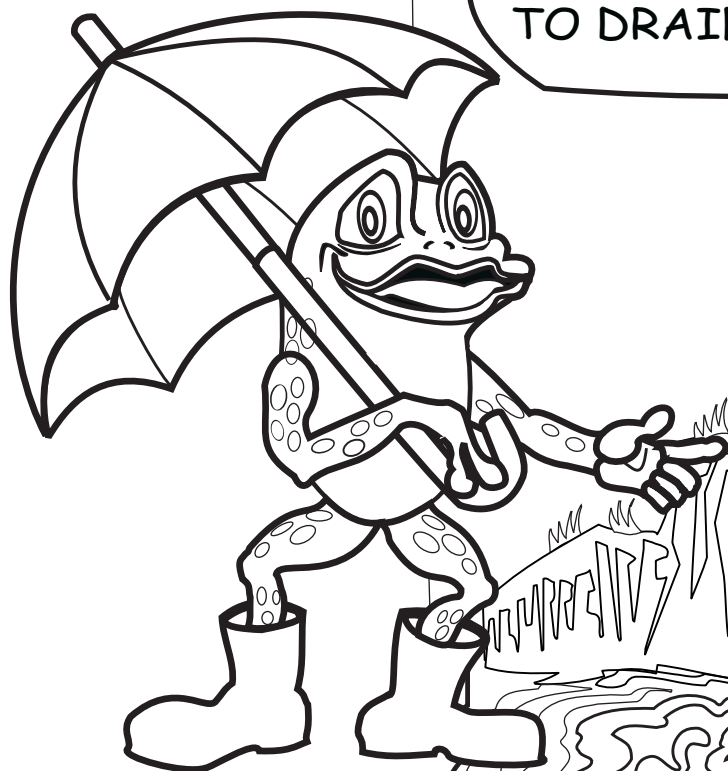
But we need storm sewers !
Without them the water would have
no place to go -
and our yards and homes would get flooded !

For frogs - O.K. -
for you - no way !



BUT M. PHIBIAN KNOWS

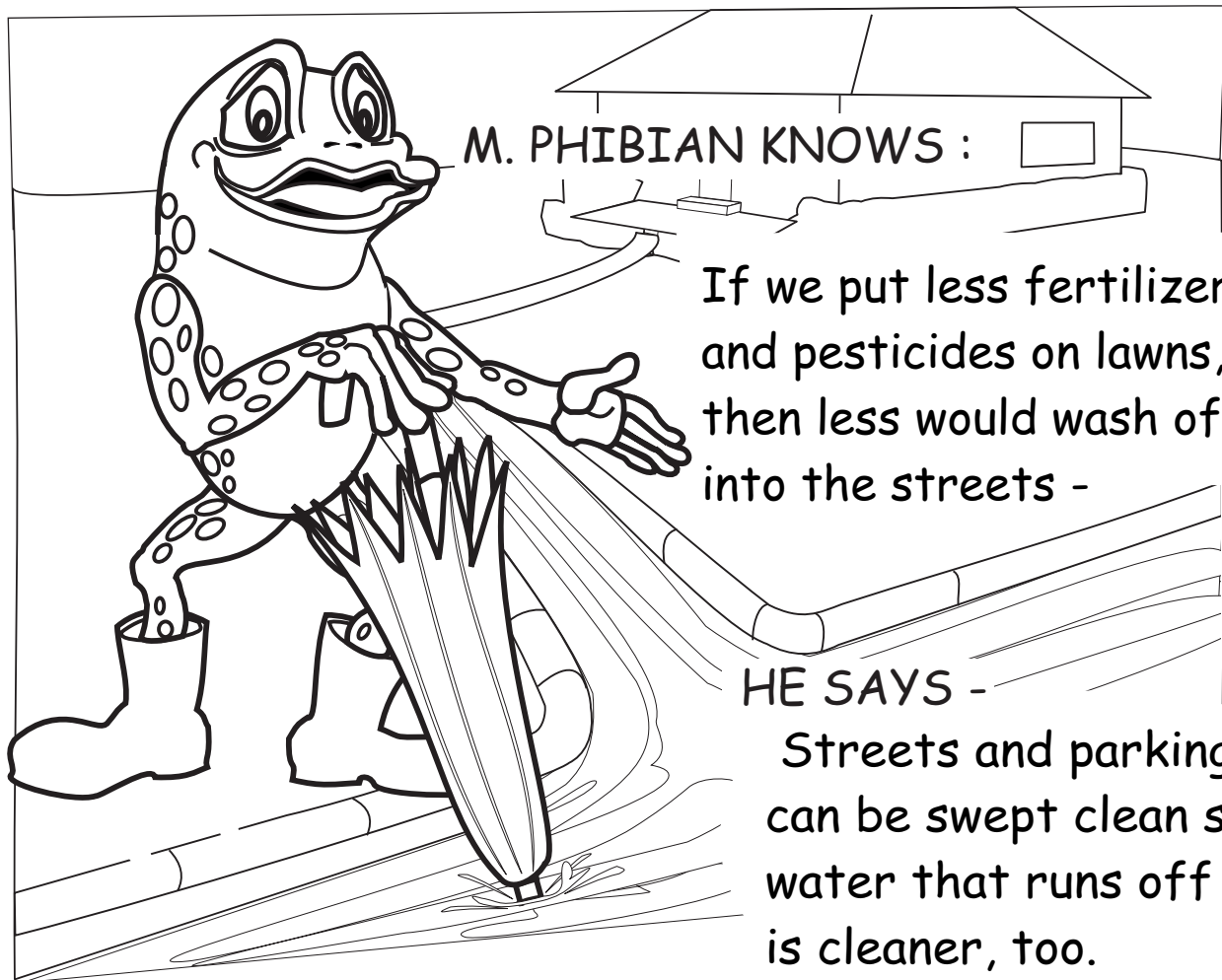
STORM SEWERS WERE MADE
TO DRAIN CLEAN WATER -



NOT POLLUTED WATER







M. PHIBIAN KNOWS :

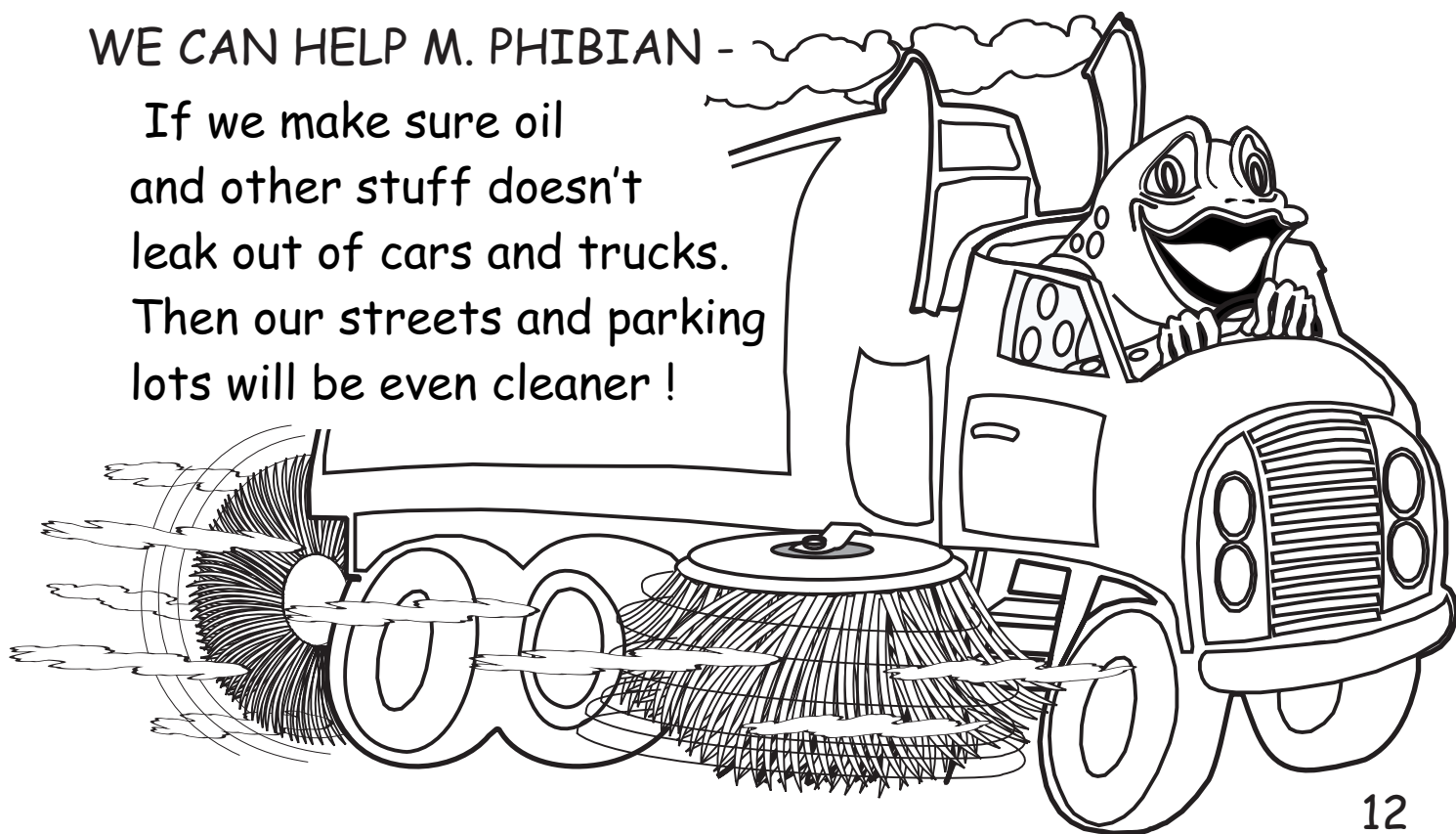
If we put less fertilizers and pesticides on lawns, then less would wash off into the streets -

HE SAYS -

Streets and parking lots can be swept clean so the water that runs off them is cleaner, too.

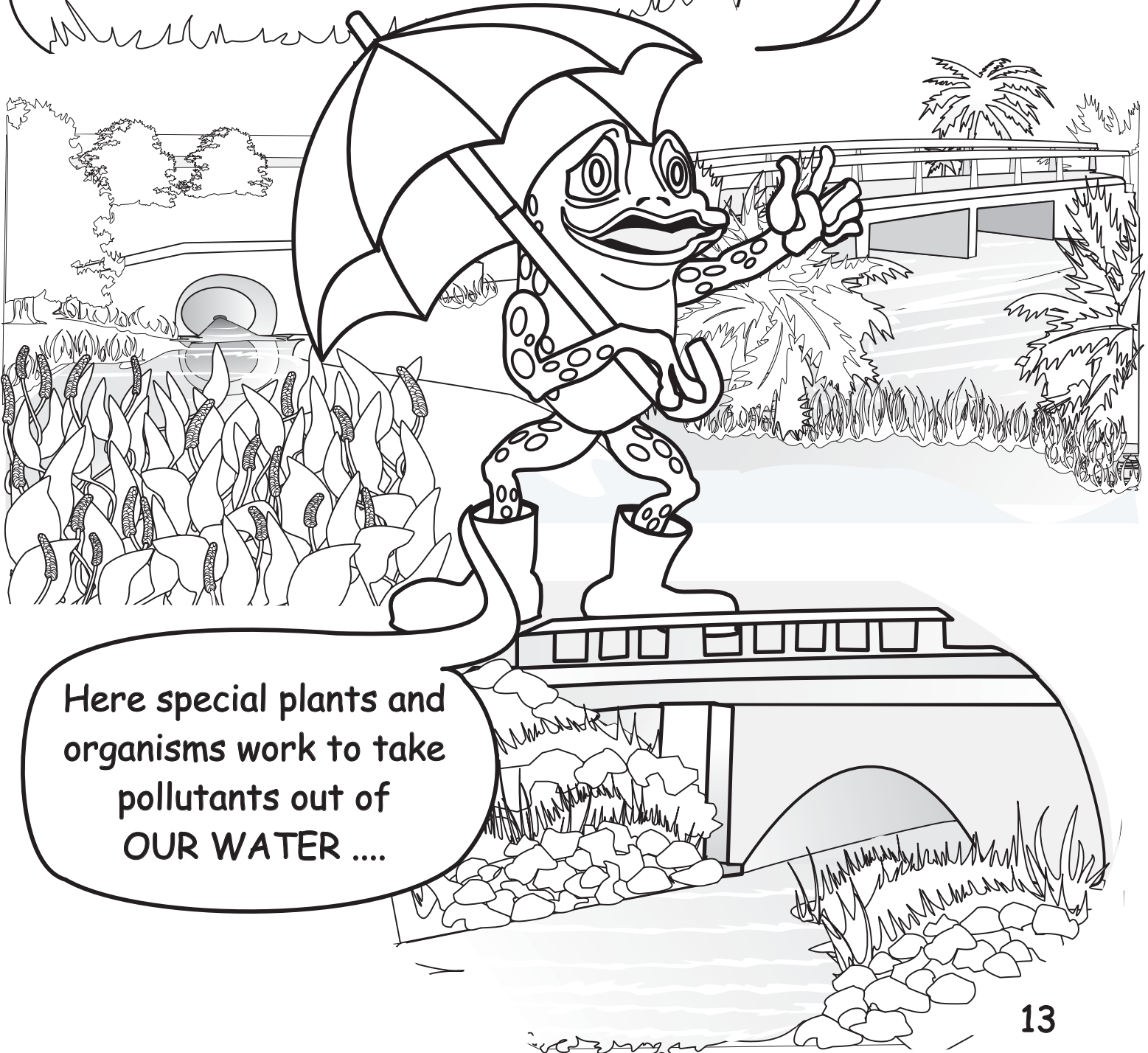
WE CAN HELP M. PHIBIAN -

If we make sure oil and other stuff doesn't leak out of cars and trucks. Then our streets and parking lots will be even cleaner !



M. PHIBIAN WANTS YOU TO KNOW -

This time, water is
carried by storm sewers
into places called
TREATMENT PONDS ...



Here special plants and
organisms work to take
pollutants out of
OUR WATER



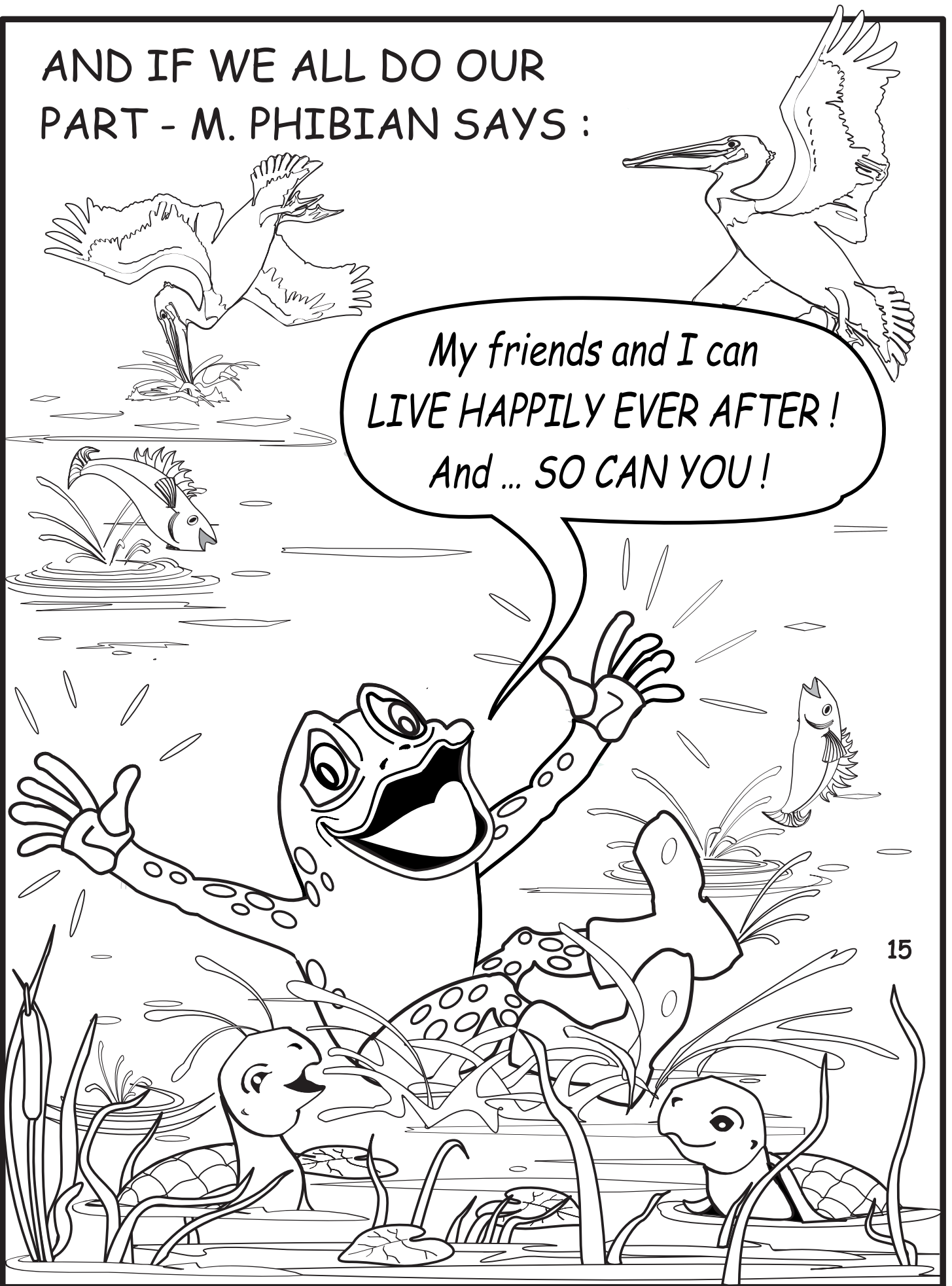
Now M. PHIBIAN and his
friends are EXCITED !

Yip-e-e-e-e !

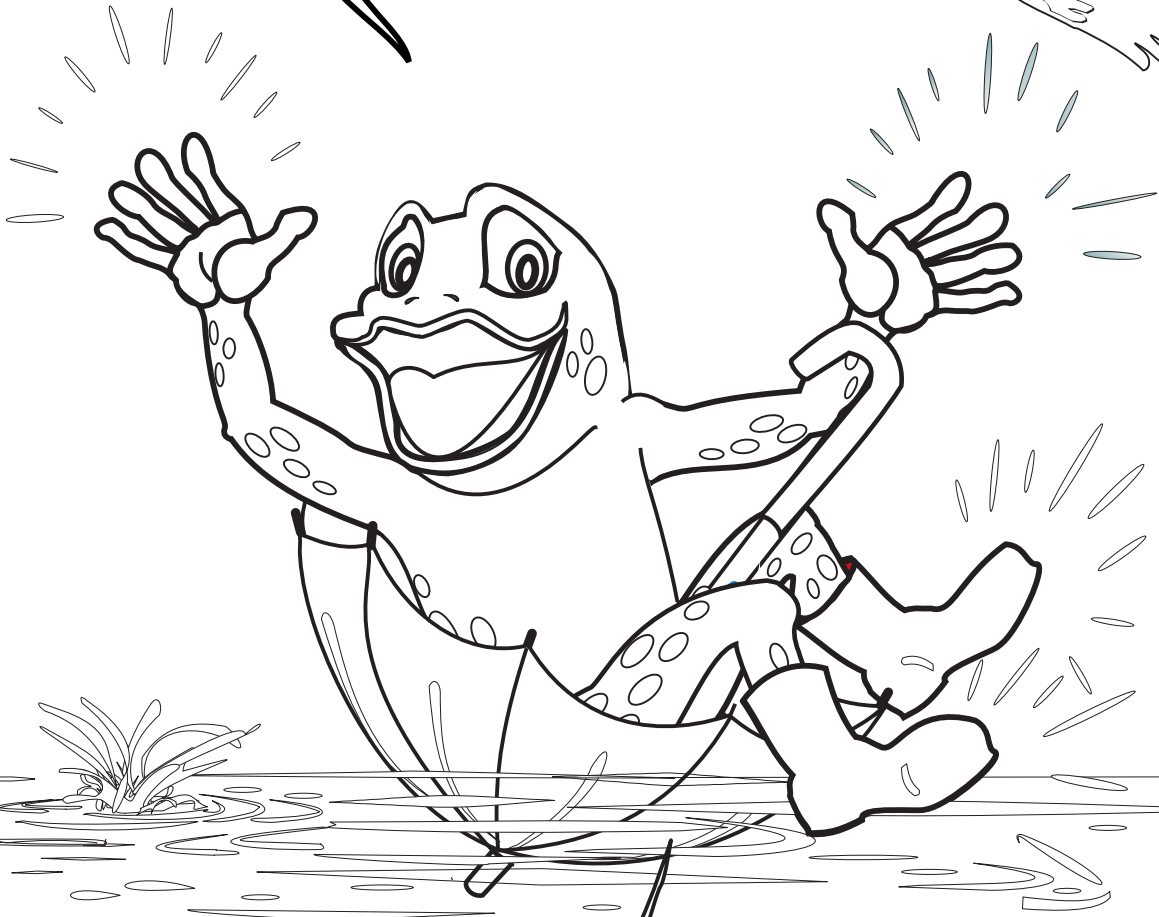
Because when the stormwater
reaches our lakes, streams,
and bays -
IT IS MUCH CLEANER !

AND IF WE ALL DO OUR
PART - M. PHIBIAN SAYS :

*My friends and I can
LIVE HAPPILY EVER AFTER!
And ... SO CAN YOU!*



LET'S MAKE THAT
"HAPPILY EVER AFTER"
FOR EVERYONE !



Me too !

CREATURESEARCH PUZZLER

Pinellas County is a unique place—a peninsula containing many freshwater lakes and streams, surrounded by salt water bays, beaches, and the Gulf of Mexico. How many of M. Phibian's friends can you find in this puzzler?

FROG

FISH

OCTOPUS

GATORS

CLAMS

MANATEES

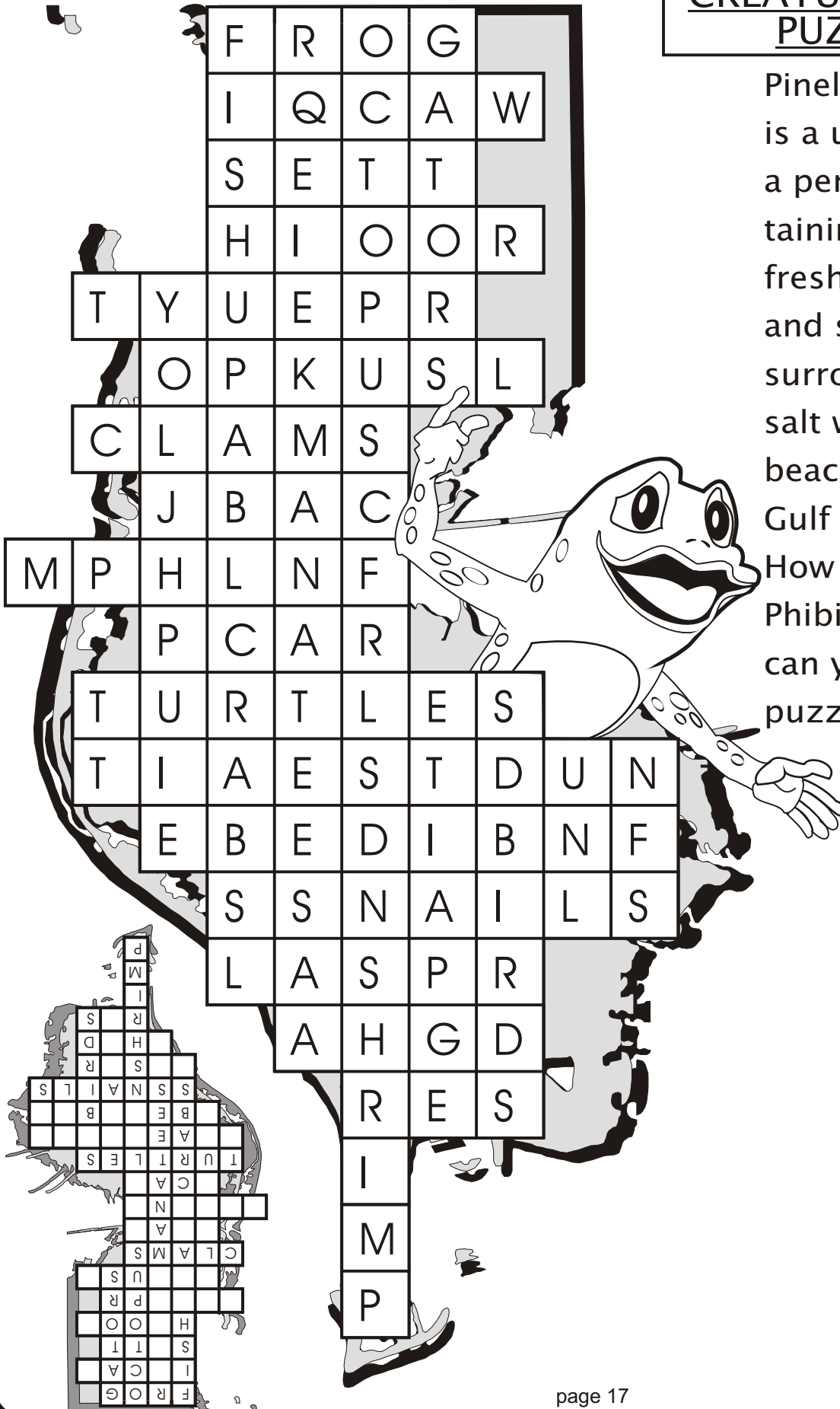
CRABS

TURTLES

BIRDS

SNAILS

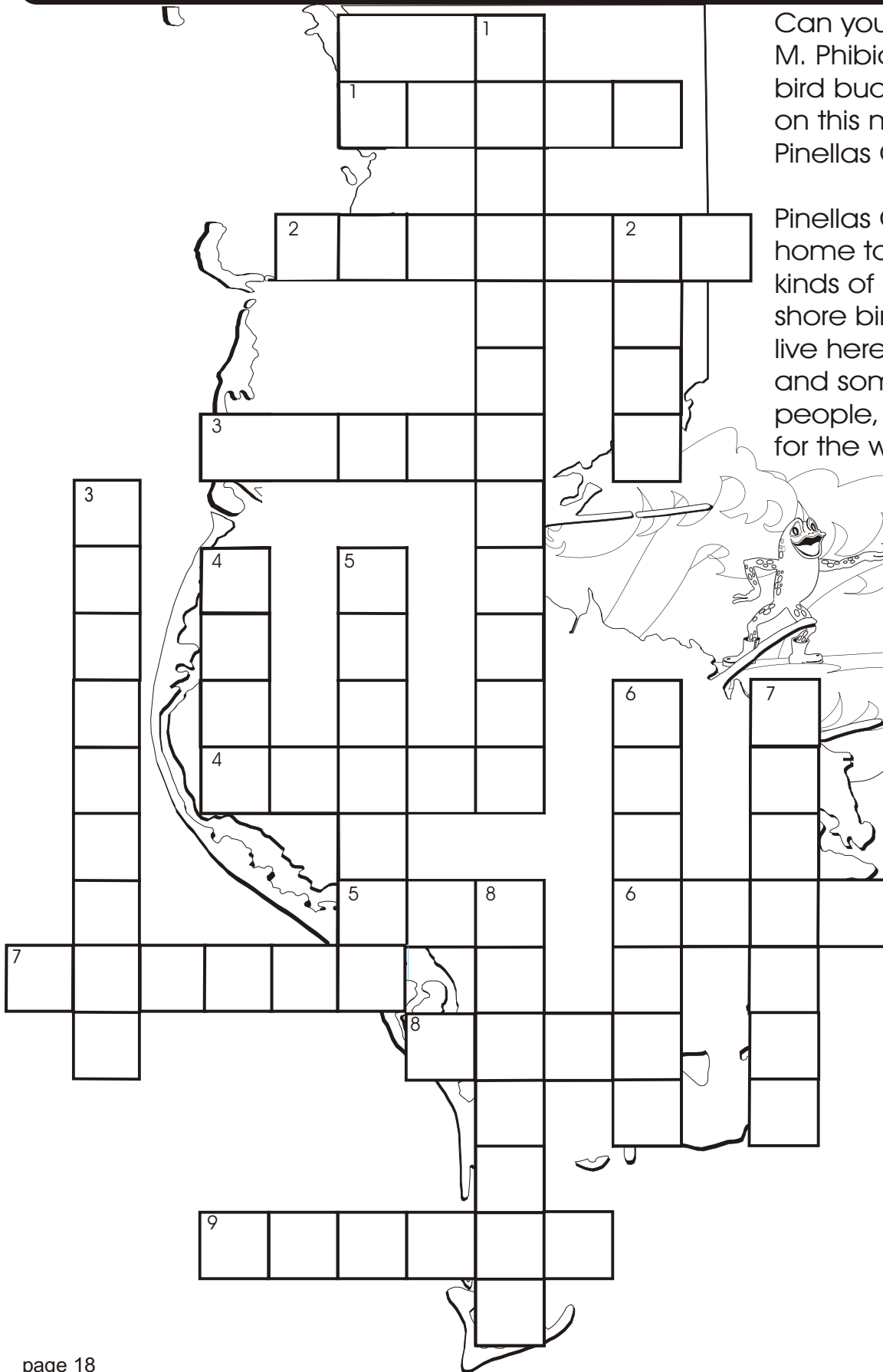
SHRIMP



PINELLAS COUNTY SEA & SHORE BIRDS

Can you name
M. Phibian's
bird buddies
on this map of
Pinellas County ?

Pinellas County is
home to many
kinds of sea and
shore birds. Some
live here all year
and some, just like
people, only come
for the winter months.



PINELLAS COUNTY SEA & SHORE BIRDS

CROSS-QUIZ

SEE WHAT YOU KNOW!

ACROSS:

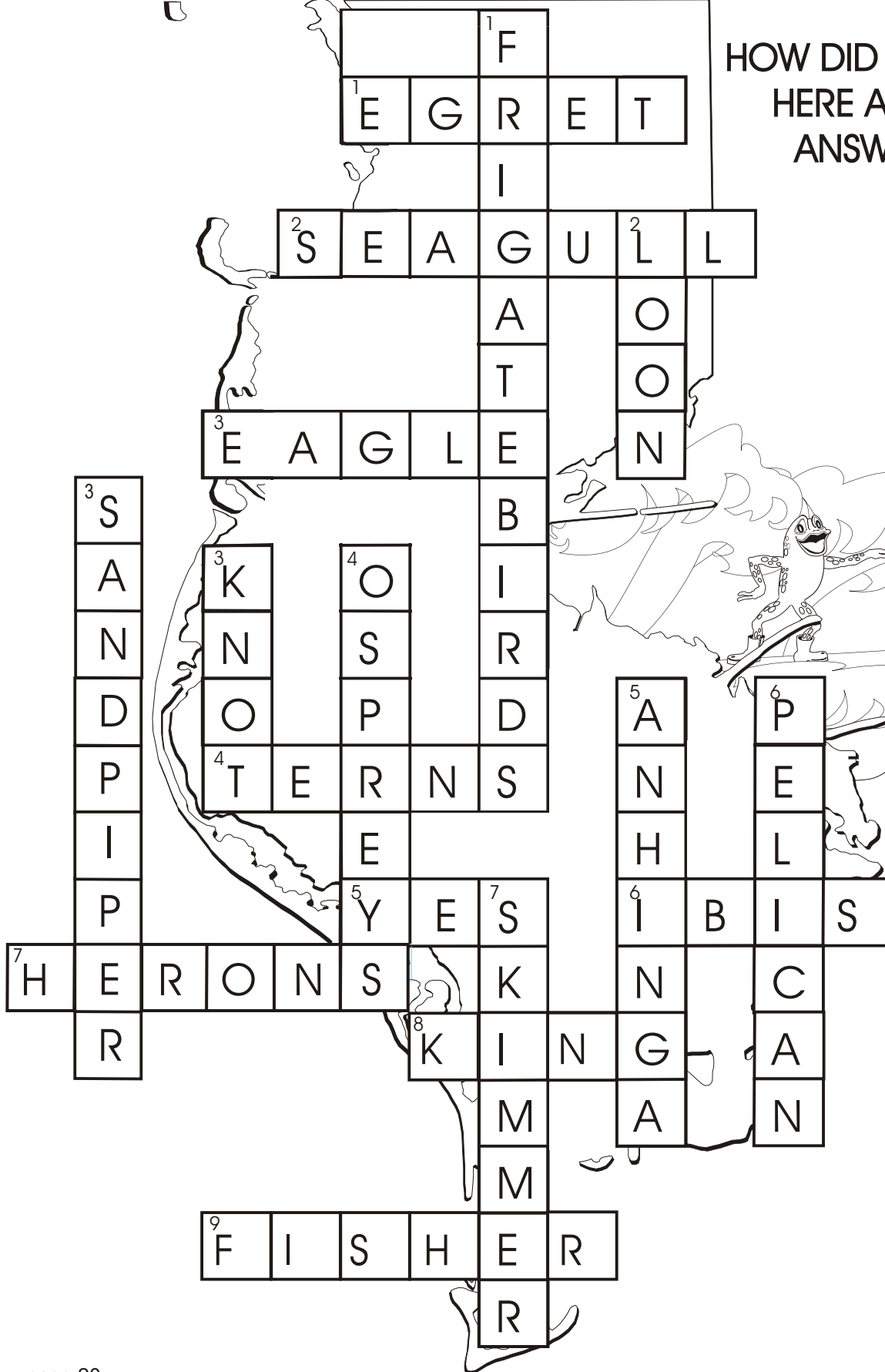
1. THESE GRACEFUL BIRDS WERE NEARLY HUNTED TO EXTINCTION FOR THE LONG BEAUTIFUL FEATHERS THEY GROW DURING MATING SEASON.
2. THIS NOISY BEACH BIRD MAY TRY TO SNATCH YOUR LUNCH AWAY FROM YOU!
3. OUR NATIONAL SYMBOL, THIS MAJESTIC BIRD SOARS HIGH IN THE SKY AND NESTS IN TALL DEAD TREES.
4. THESE COUSINS TO THE SEA GULL ARE SMALLER AND LESS AGGRESSIVE, BUT STILL PRETTY NOISY!
5. "I WILL ALWAYS PROTECT OUR BEAUTIFUL WILD BIRDS' BREEDING AND NESTING GROUNDS." PLEASE ANSWER "___".
6. THIS BIRD MAY BE PINK OR WHITE, AND HAS A LONG CURVED BEAK POINTING DOWN.
7. THIS GRACEFUL WADING BIRD IS ONE OF OUR MOST BEAUTIFUL. SOME VARIETIES INCLUDE THE "GREAT BLUE", "REDDISH", "TRI-COLOR", "GREAT WHITE" AND "LITTLE BLUE".
8. THIS NAME MEANS "RULER" AND COMBINED WITH "9." IS A GOOD FISHERMAN.
9. THIS BLUE CRESTED BIRD IS SEEN ALONG SHORELINES WAITING FOR A CATCH. COMBINE WITH "8." FOR ITS' NAME.

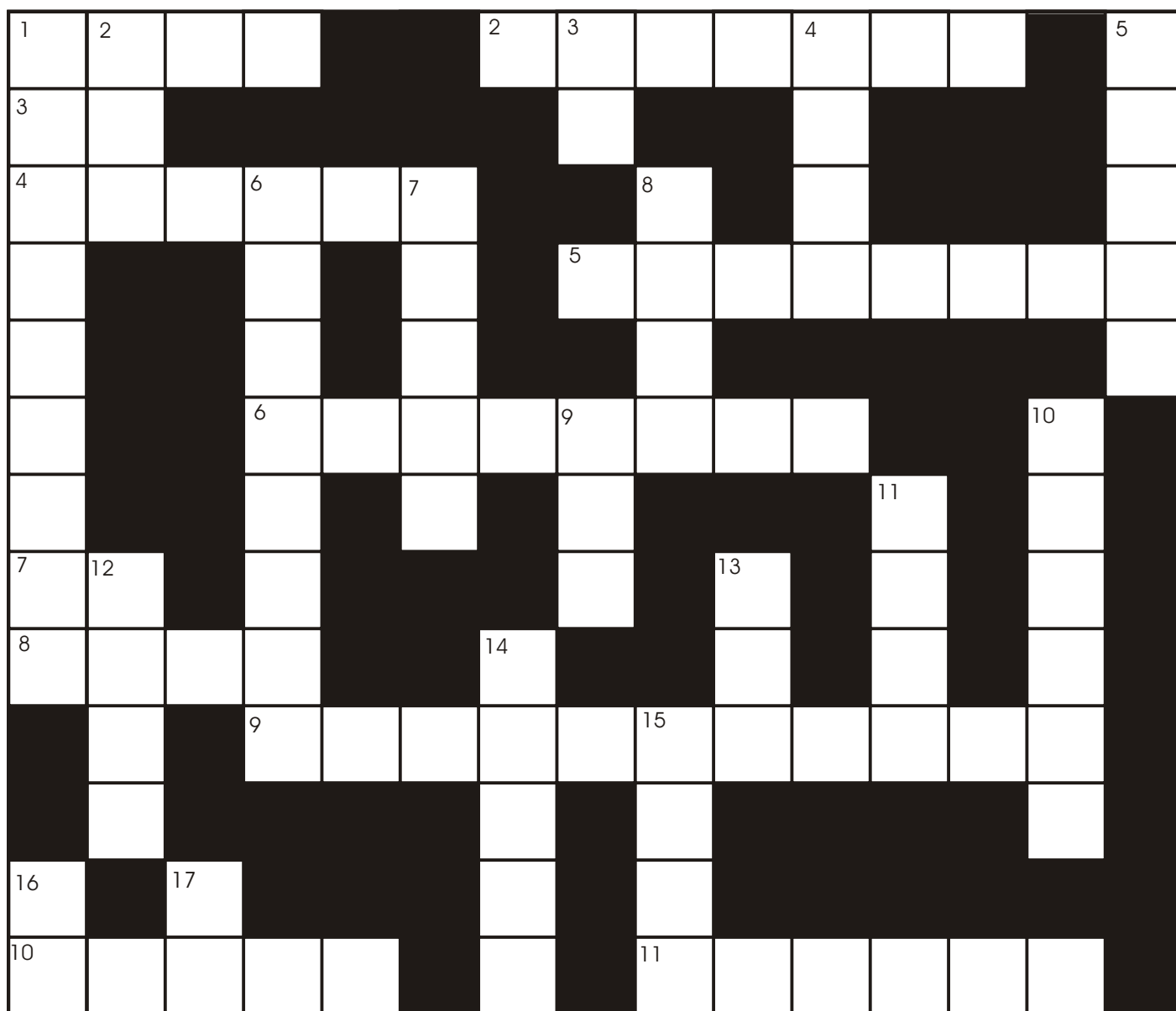
DOWN:

1. THESE LARGE BIRDS SOAR HIGH IN THE SKY, AND SELDOM COME DOWN TO LAND. THEY GET THEIR NAME BECAUSE THEY ARE OFTEN THE FIRST BIRD SPOTTED BY SAILORS FAR OUT AT SEA, TELLING THEM THAT LAND IS NEAR.
2. THIS BIRDS' WILD LAUGHING CALL GIVES RISE TO THE PHRASE "CRAZY AS A ___".
3. FLOCKS OF THIS BIRD RUN BUSILY BACK AND FORTH ALONG THE SEASHORE LOOKING FOR FOOD IN THE WATER.
4. SMALLER IN SIZE THAN THE SANDPIPER, FLOCKS OF THIS LITTLE BIRD ALSO RUN BUSILY BACK AND FORTH ON THE SHORELINE.
5. NESTING PLATFORMS FOR THIS BIRD OF PREY ARE OFTEN BUILT ON TOP OF TALL POLES ALONG OUR HIGHWAYS AND SHORELINES.
6. ALSO CALLED THE "SNAKE BIRD" BECAUSE OF ITS' LONG NECK, THIS BIRD HOLDS ITS' WINGS OUT TO DRY ANGEL FASHION AFTER A SWIM.
7. THIS BIRD'S "BEAK CAN HOLD MORE THAN HIS BELLY CAN".
8. THIS LARGE BLACK BIRD FLIES ALONG THE SURFACE OF THE WATER WITH ITS' MOUTH OPEN, SKIMMING FOR FOOD!

PINELLAS COUNTY SEA & SHORE BIRDS

HOW DID YOU DO?
HERE ARE THE
ANSWERS -



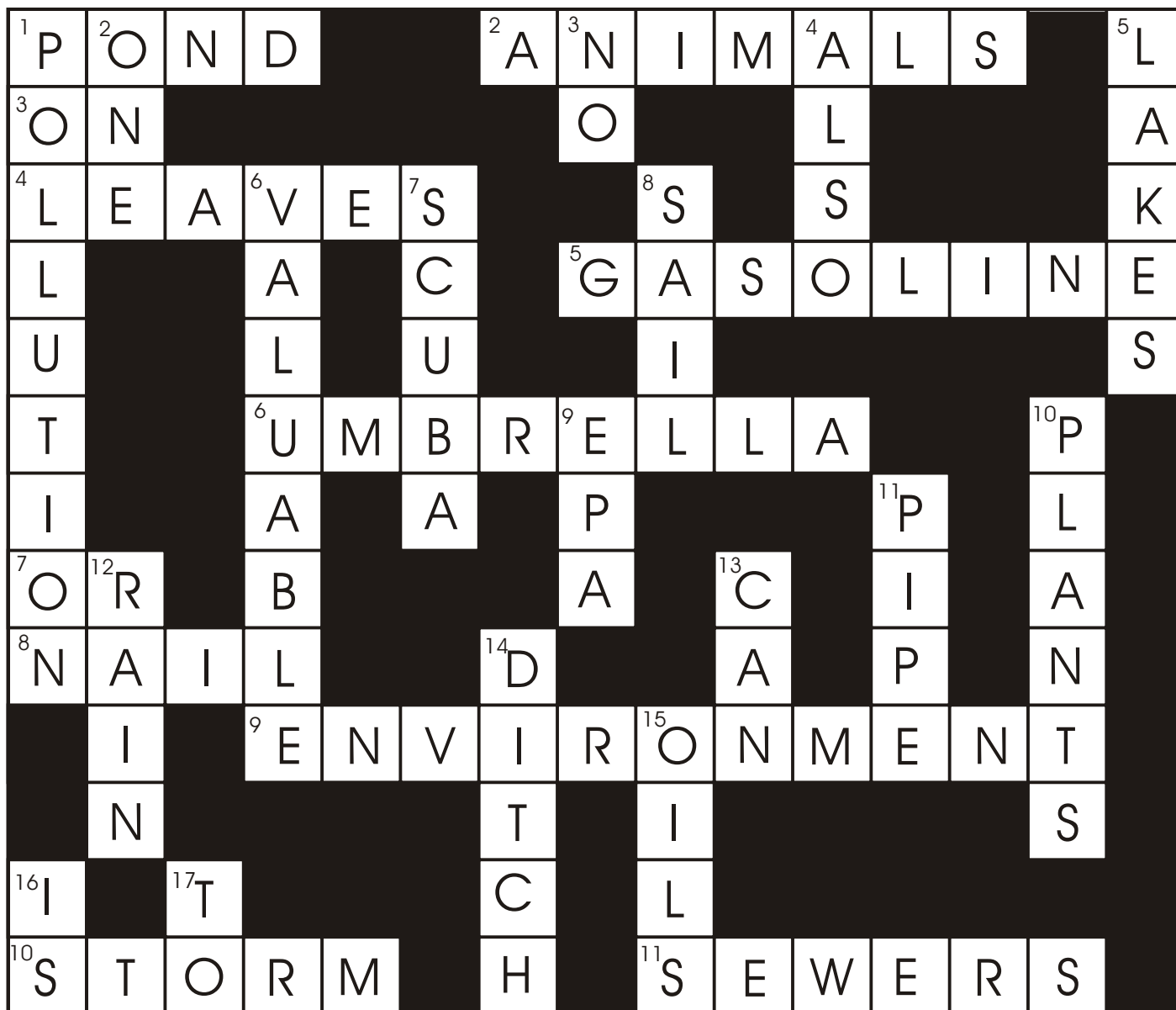


ACROSS

1. M. PHIB'S HOME IS IN ONE.
2. PLANTS AND _____ NEED
CLEAN WATER TO SURVIVE.
3. PUT ____ YOUR RAINCOAT.
4. DON'T DUMP _____ AND GRASS
CLIPPINGS INTO DRAINAGE FACILITIES.
5. POLLUTION HAZARD THAT FUELS ENGINES.
6. M. PHIBIAN'S _____ IS RED.
7. CHOOSE ONE ____ THE OTHER.
8. YOU HIT THIS ON THE HEAD.
9. WE MUST ALL TAKE CARE OF THE _____.
10. _____ DRAINS CARRY WATER FROM STREETS
OR PAVEMENT TO TREATMENT PONDS.
11. WITHOUT STORM _____ WATER WOULD HAVE
NO PLACE TO GO, AND OUR HOMES AND YARDS
WOULD GET FLOODED.
4. TRASH AND GARBAGE THROWN INTO STORM SEWERS
WILL _____ POLLUTE OUR WATER.
5. STORMWATER FLOWS INTO _____, STREAMS
AND BAYS.
6. WATER IS A _____ RESOURCE.
7. _____ DIVING IS ONE WAY TO SEE
LIFE UNDER THE WATER.
8. M. PHIBIAN LIKES TO _____ IN HIS UPSIDE DOWN
UMBRELLA.
9. ENVIRONMENTAL PROTECTION AGENCY INITIALS.
10. CERTAIN _____ HELP CLEAN THE
WATER IN RETENTION PONDS.
11. A STORM SEWER CAN BE A DITCH OR A BIG
UNDERGROUND _____.
12. WHAT HAPPENS TO _____ WHEN IT GOES DOWN THE DRAIN ?
13. WE _____ ALL DO OUR PART TO KEEP WATER CLEAN.
14. A STORM SEWER CAN BE A _____ OR A BIG
UNDERGROUND PIPE.
15. RAIN FALLS ON PARKING LOTS WHERE IT WASHES
_____ AND GREASE INTO STREETS.
16. M. PHIBIAN _____ A RAIN FROG.
17. REMEMBER _____ THINK OF M. PHIBIAN - EVERY TIME IT RAINS !

DOWN

1. _____ CAN COME FROM OILS
AND PESTICIDES SEEPING INTO THE GROUND.
2. ONE + _____ = TWO.
3. JUST SAY "_____" TO POLLUTION.



ACROSS

- M. PHIB'S HOME IS IN ONE.
- PLANTS AND _____ NEED CLEAN WATER TO SURVIVE.
- PUT ____ YOUR RAINCOAT.
- DON'T DUMP _____ AND GRASS CLIPPINGS INTO DRAINAGE FACILITIES.
- POLLUTION HAZARD THAT FUELS ENGINES.
- M. PHIBIAN'S _____ IS RED.
- CHOOSE ONE ____ THE OTHER.
- YOU HIT THIS ON THE HEAD.
- WE MUST ALL TAKE CARE OF THE _____.
- _____ DRAINS CARRY WATER FROM STREETS OR PAVEMENT TO TREATMENT PONDS.
- WITHOUT STORM _____ WATER WOULD HAVE NO PLACE TO GO, AND OUR HOMES AND YARDS WOULD GET FLOODED.
- TRASH AND GARBAGE THROWN INTO STORM SEWERS WILL _____ POLLUTE OUR WATER.
- STORMWATER FLOWS INTO _____, STREAMS AND BAYS.
- WATER IS A _____ RESOURCE.
- _____ DIVING IS ONE WAY TO SEE LIFE UNDER THE WATER.
- M. PHIBIAN LIKES TO _____ IN HIS UPSIDE DOWN UMBRELLA.
- ENVIRONMENTAL PROTECTION AGENCY INITIALS.
- CERTAIN _____ HELP CLEAN THE WATER IN RETENTION PONDS.
- A STORM SEWER CAN BE A DITCH OR A BIG UNDERGROUND _____.
- WHAT HAPPENS TO _____ WHEN IT GOES DOWN THE DRAIN ?
- WE _____ ALL DO OUR PART TO KEEP WATER CLEAN.
- A STORM SEWER CAN BE A _____ OR A BIG UNDERGROUND PIPE.
- RAIN FALLS ON PARKING LOTS WHERE IT WASHES _____ AND GREASE INTO STREETS.
- M. PHIBIAN _____ A RAIN FROG.
- REMEMBER _____ THINK OF M. PHIBIAN - EVERY TIME IT RAINS !

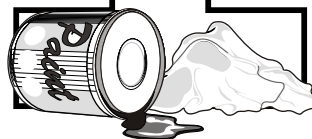
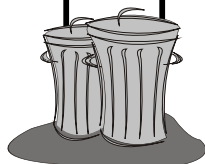
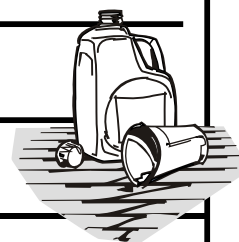
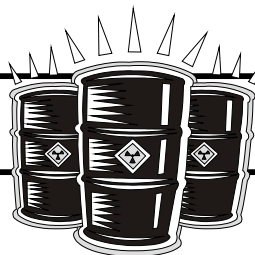
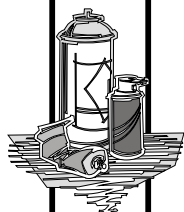
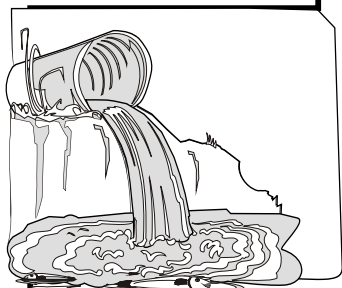
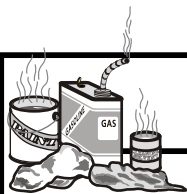
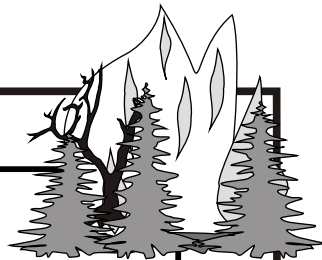
DOWN

- _____ CAN COME FROM OILS AND PESTICIDES SEEPING INTO THE GROUND.
- ONE + _____ = TWO.
- JUST SAY "_____" TO POLLUTION.

**HELP M. PHIBIAN
GET BACK TO HIS
OWN POND !**

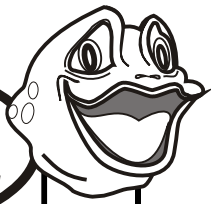


START

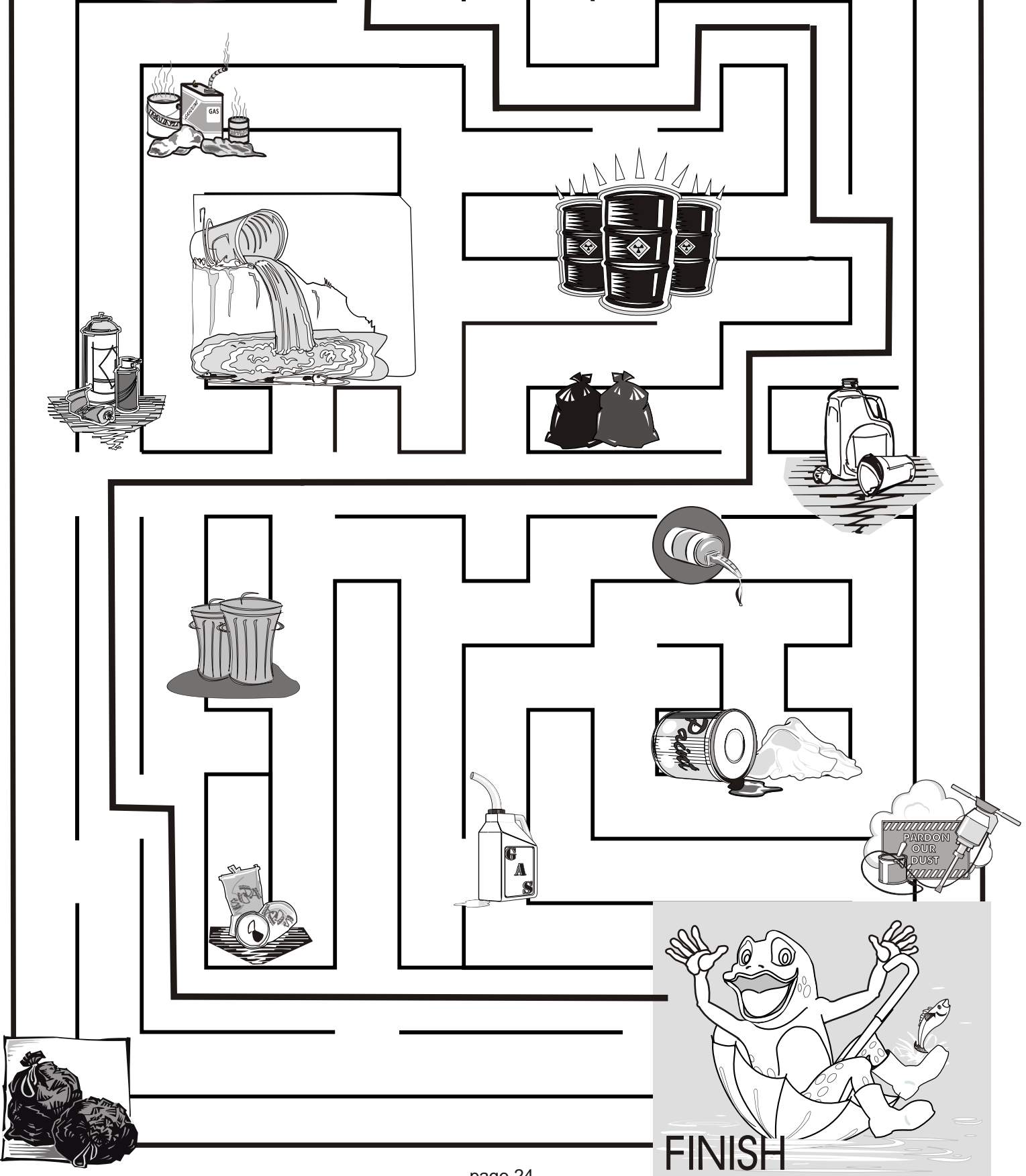
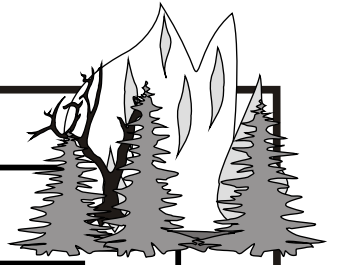


FINISH

HOW DID YOU DO?
HERE IS THE ANSWER-



START



FINISH

AND REMEMBER ME -
M. PHIBIAN FROG
EVERY TIME IT RAINS !



Me too !



Sponsored by:



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For more information about surface water quality, contact
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