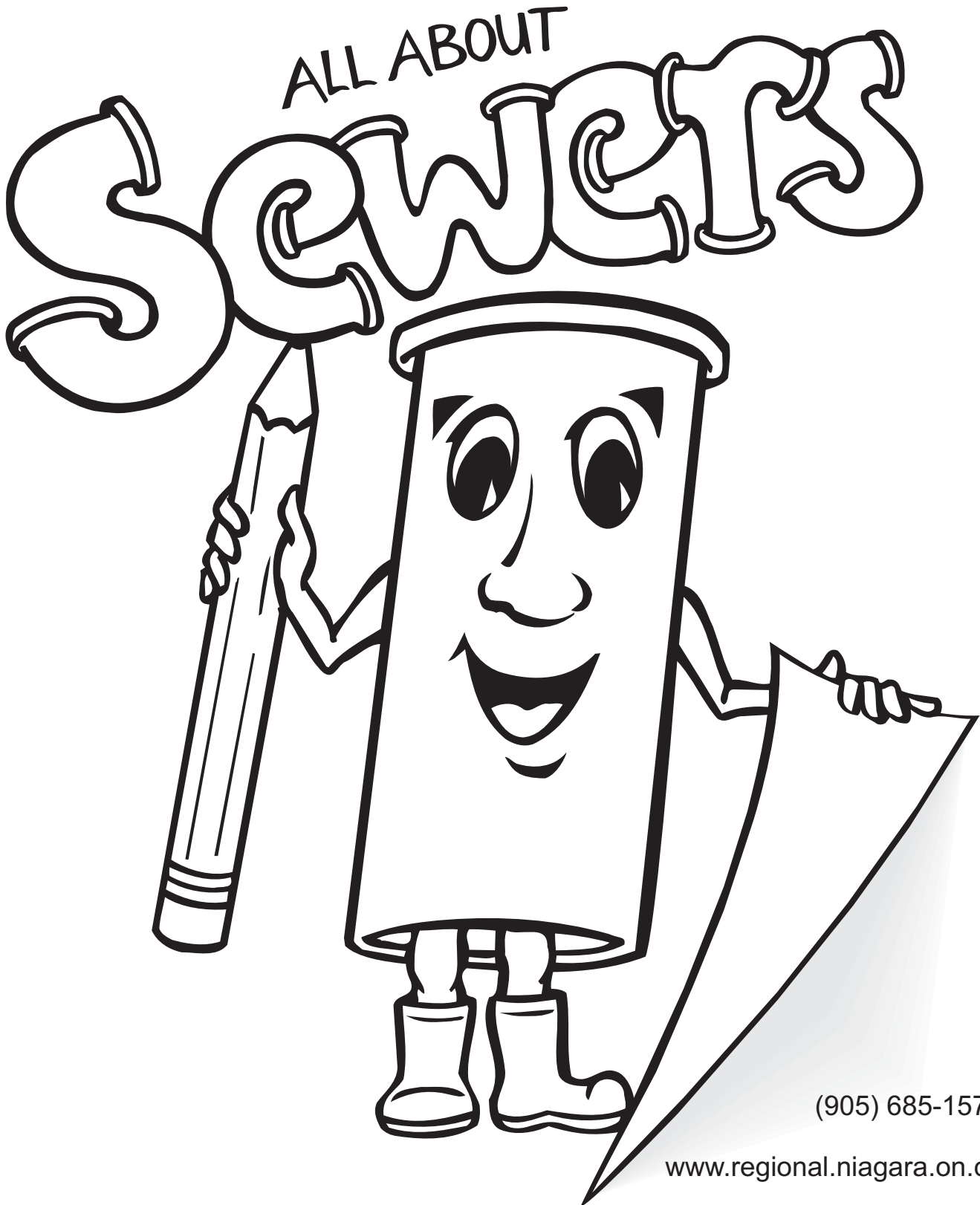


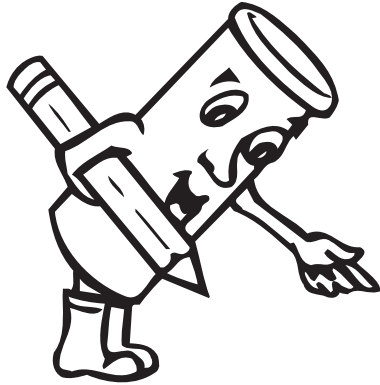
ACTIVITY BOOK



(905) 685-1571

www.regional.niagara.on.ca

WHERE DOES THAT WATER GO?



Circle the activities that show people using water wisely. Put an X on the activities that show people wasting or polluting water.

What you put down a storm sewer ends up in the river.

What you put down the drain in your house goes to a wastewater treatment plant and then into a river.



Be careful!

Dog waste, candy wrappers and other waste can get washed into storm sewers by rain and if they are left on the ground. Storm sewers discharge into local waterways. This is one source of water pollution.

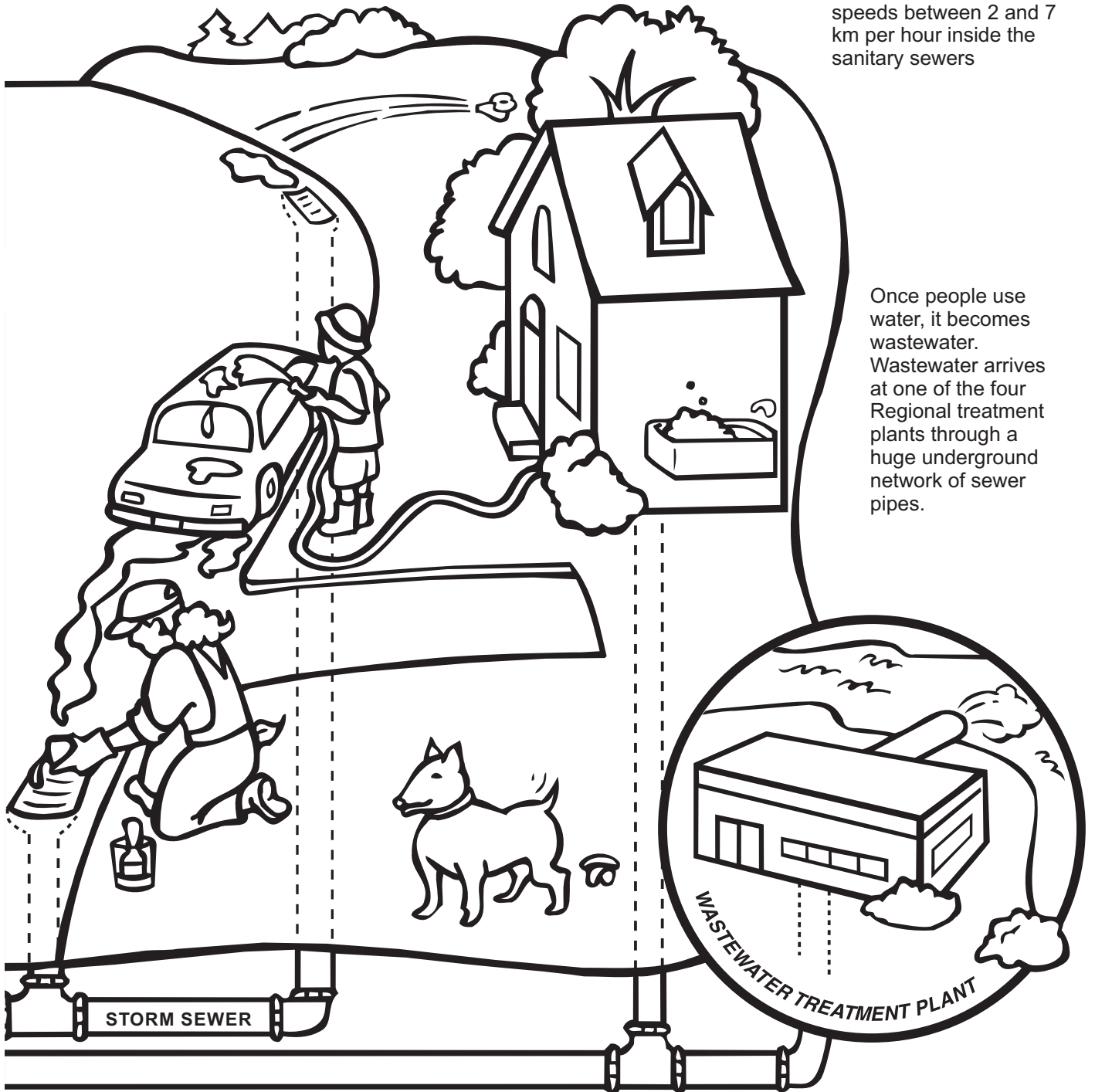


SANITARY SEWERS

Collect wastewater from homes and buildings and end up at the Wastewater Treatment Plant. *Colour these BROWN.*

Wastewater moves at speeds between 2 and 7 km per hour inside the sanitary sewers

Once people use water, it becomes wastewater. Wastewater arrives at one of the four Regional treatment plants through a huge underground network of sewer pipes.



STORM SEWERS

Collect rainwater and go directly to a nearby river or creek.
Colour these GREEN.

Solution on back page.

Test Your Wastewater Knowledge



Water Words

Put the letters in their correct order!

1. V E R R I 2. W E E R S

3. M A T T E N E R T 4. H I F S

5. T E A W A W E R S T

Test Your Knowledge!

- 1) How many millions of litres of wastewater on average does the Regional Water Treatment Plants treat per day? (HINT: Enough to fill 2,000 swimming pools!)
A) 100 B) 450 C) 240 D) 1,000
- 2) Once it arrives at the treatment plant, how long does it take for the wastewater to be treated and safely returned to our lakes?
A) 8 hours B) 24 hours C) 2 hours D) 84 hours
- 3) If you use pesticides or too much fertilizer on your lawn it runs off during rain storms and is:
A) treated at the treatment plant B) flushed right into the river

Solutions:



Pages 2 and 3 ○ = GOOD

- rainbarrel saves
- rainwater
- person scooping
- dog "poop"
- washing car on lawn prevents soap
- from entering sewer

Pages 2 and 3 X = BAD

- washing car on street
- puts soap in sewer
- no one scooping
- dog "poop"
- sprinkler wastes
- water on street
- pouring paint in sewer

Page 4

Water Words:

1. R I V E R
2. S E W E R
3. T R E A T M E N T
4. F I S H
5. W A S T E W A T E R

Test Your Knowledge:

1. C
2. A
3. B