

LOO POO'S SUSTAINABILITY JOURNEY

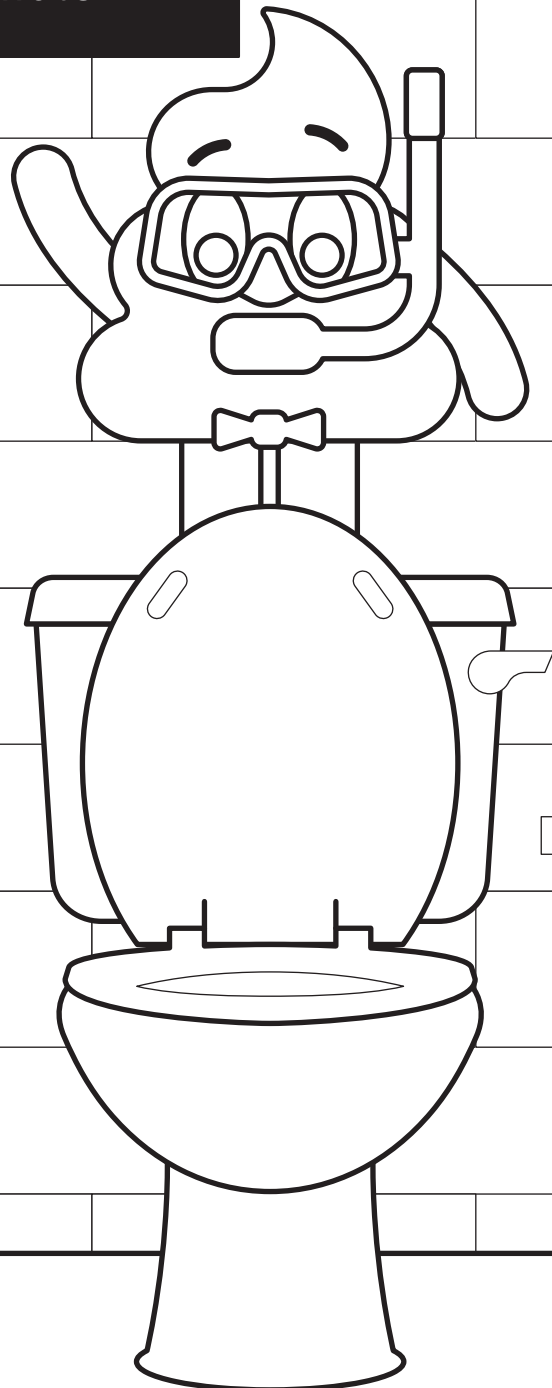
DISCOVER WHAT WE DO WITH YOUR POO!

TRES RIOS WETLANDS



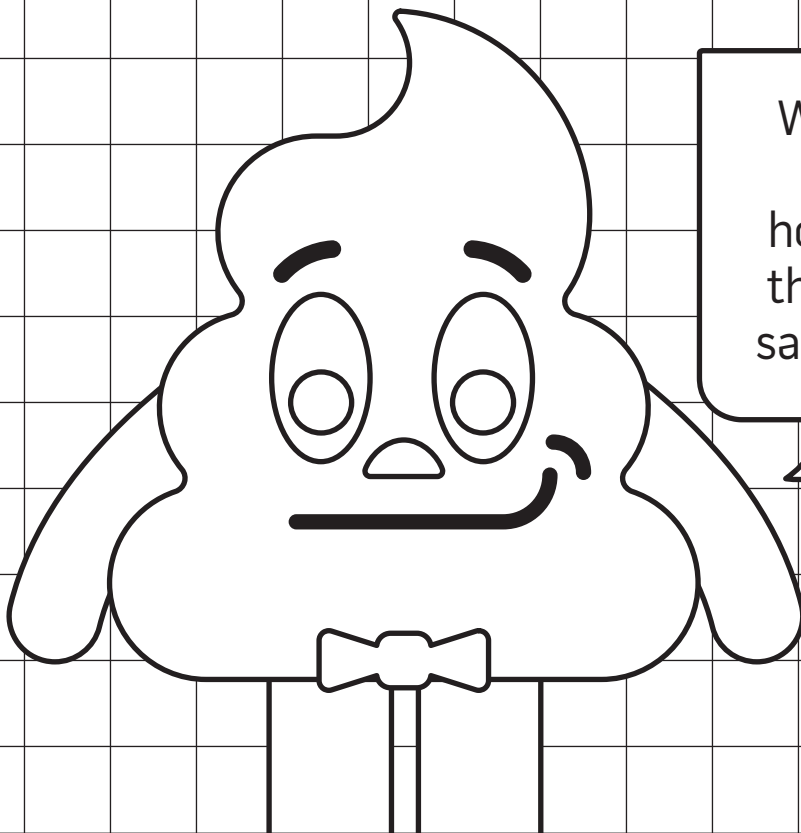
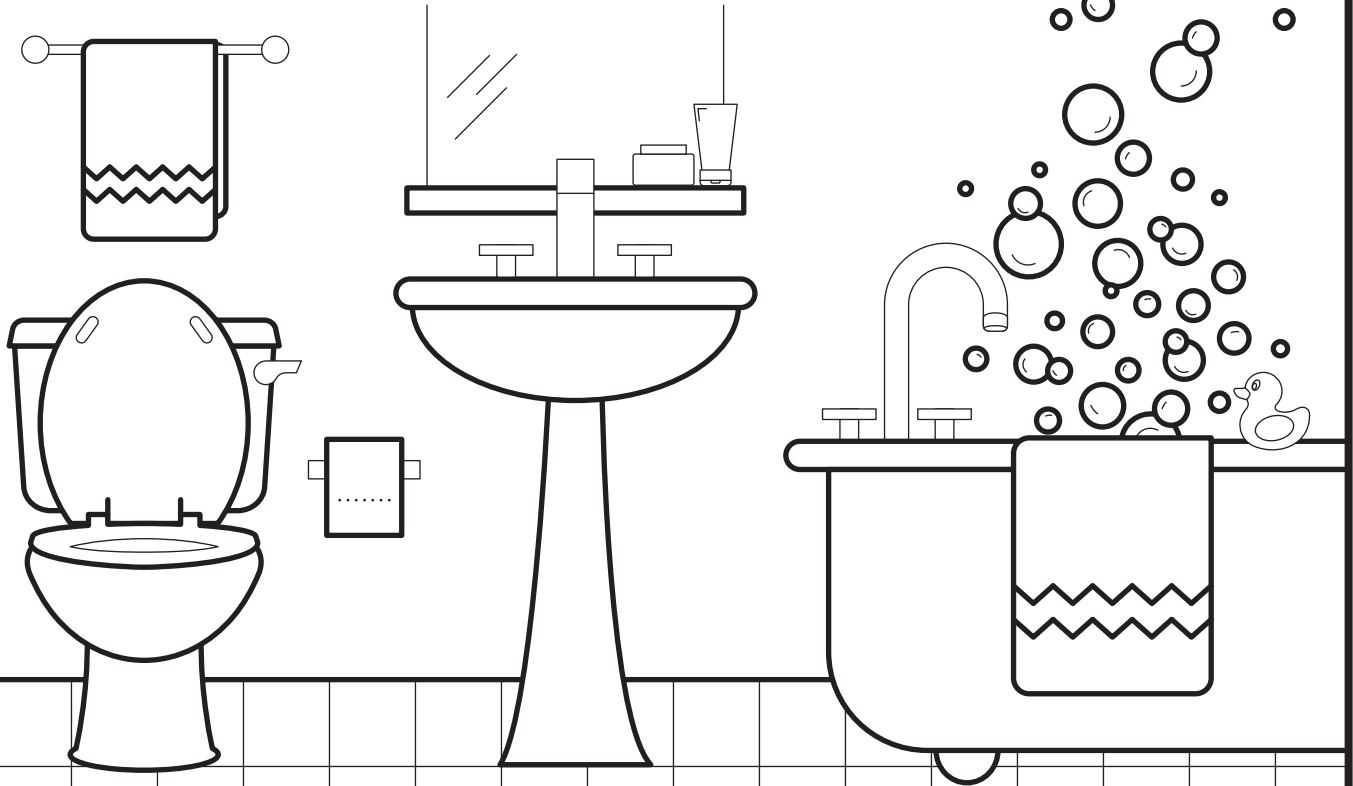
PHX
WATER
SMART

Water is life in a desert city. We drink it. We cook and clean with it. But what happens to everything we put down the drain? Join me on my journey to discover how Phoenix cleans and reuses wastewater!



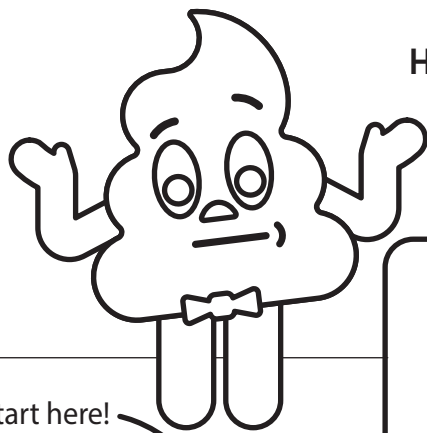
WHAT IS WASTEWATER?

Circle places where water goes down the drain!

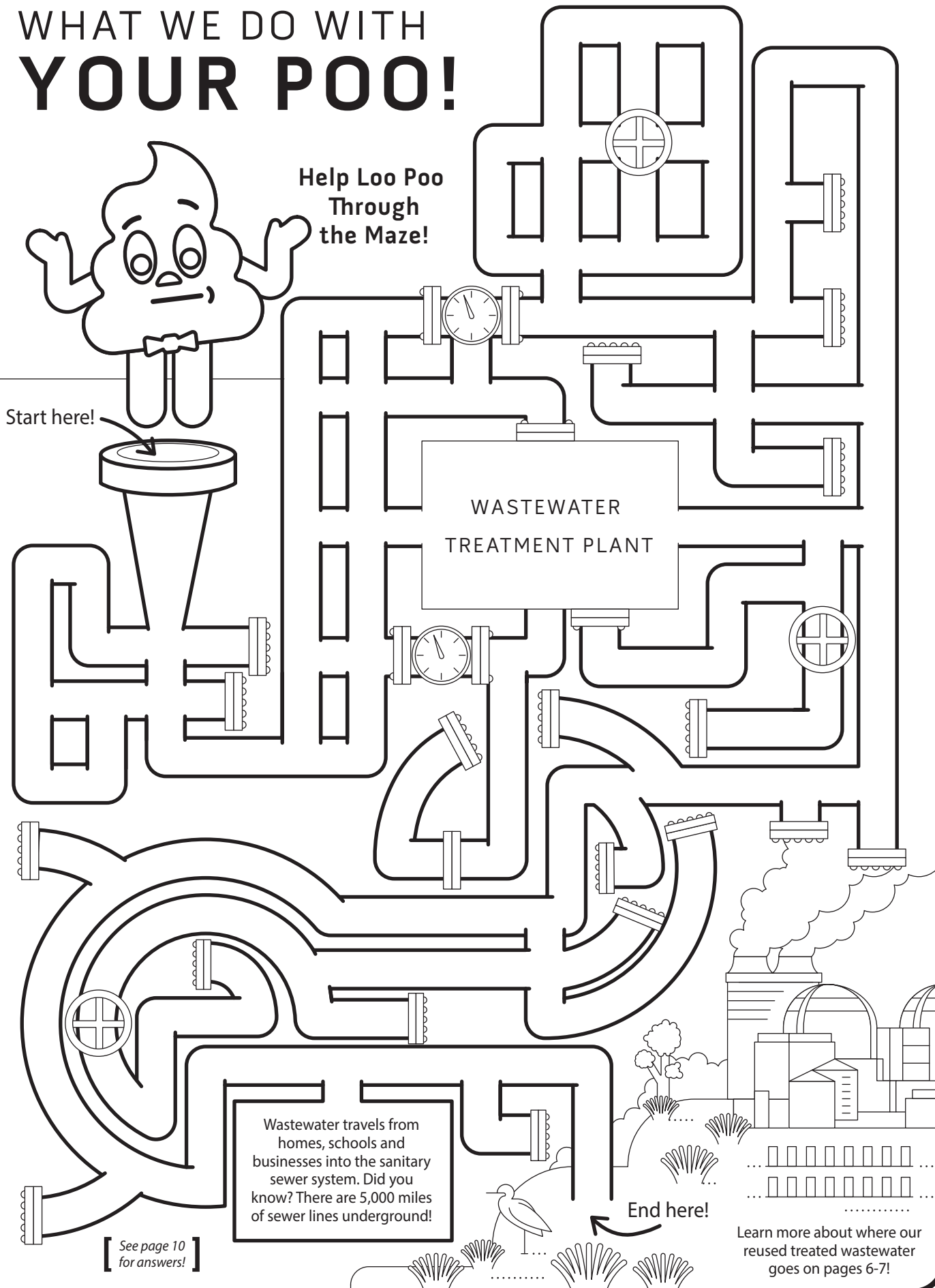


Wastewater is waste coming from your home that goes down the drain and into the sanitary sewer system!

WHAT WE DO WITH YOUR POO!



Help Loo Poo Through the Maze!



Start here!

WASTEWATER
TREATMENT PLANT

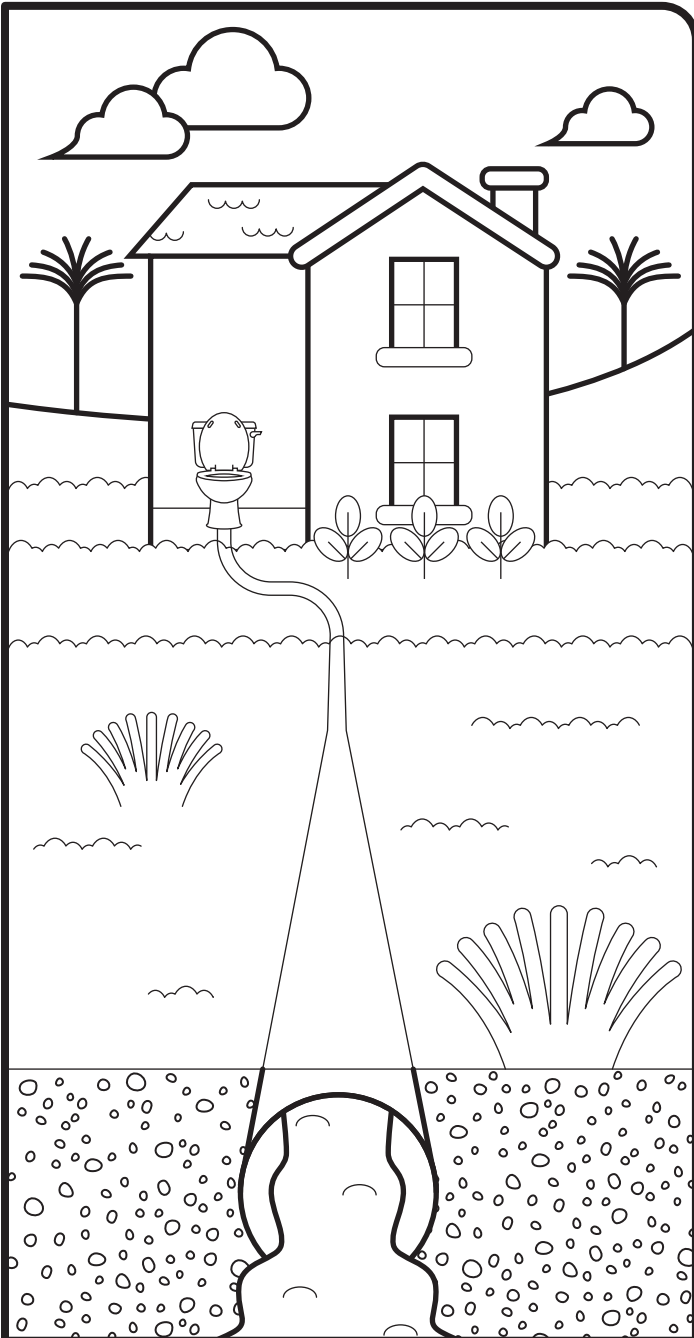
Wastewater travels from homes, schools and businesses into the sanitary sewer system. Did you know? There are 5,000 miles of sewer lines underground!

End here!

[See page 10 for answers!]

Learn more about where our reused treated wastewater goes on pages 6-7!

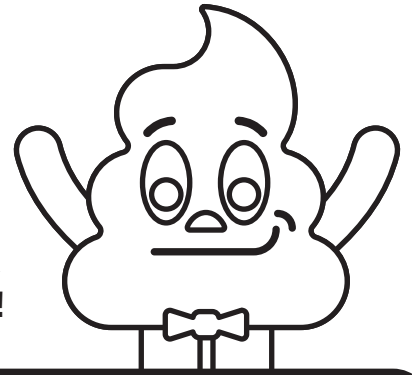
WHICH PIPE DOES LOO POO GO DOWN?



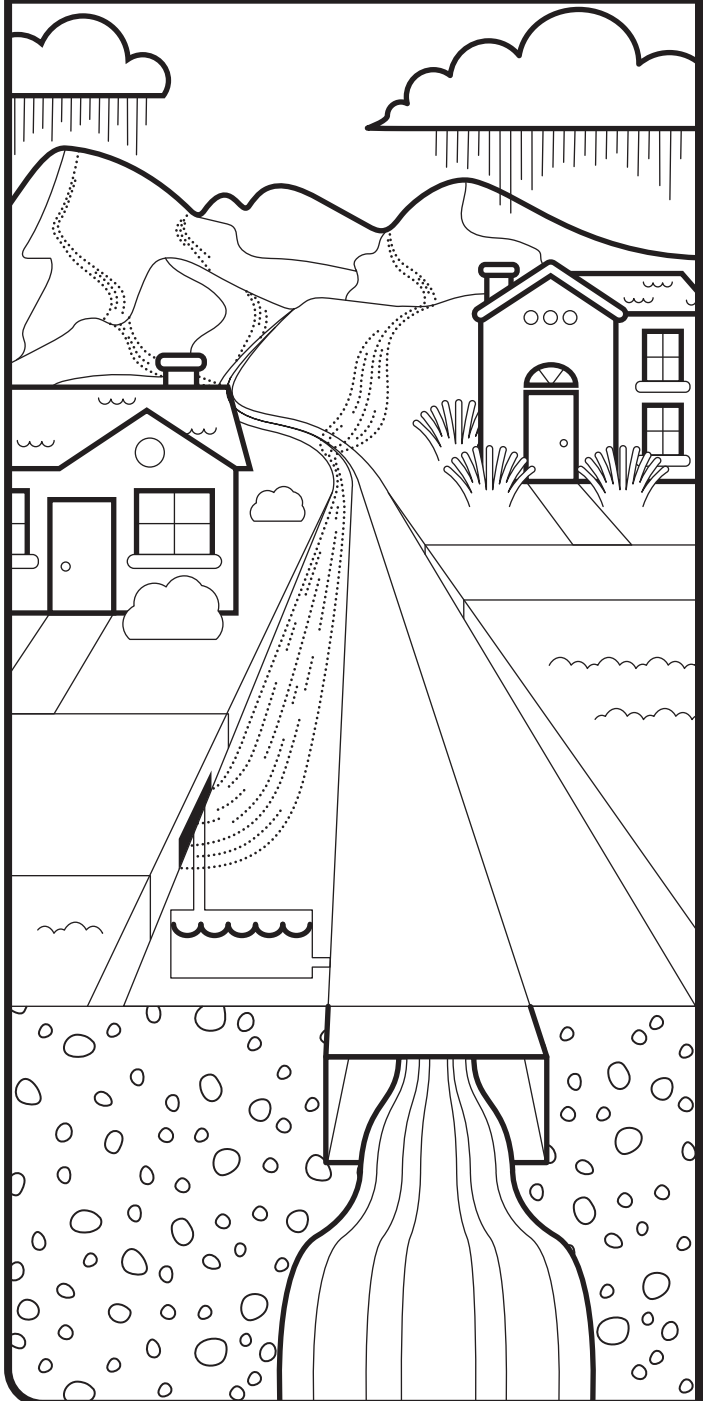
SANITARY SEWERS CARRY
WATER FROM TOILETS, SINKS
AND SHOWERS TO THE
PHOENIX WASTEWATER
TREATMENT PLANTS.

Stay tuned for Volume 3 to
learn about stormwater!

Draw an
arrow to the
correct pipe!

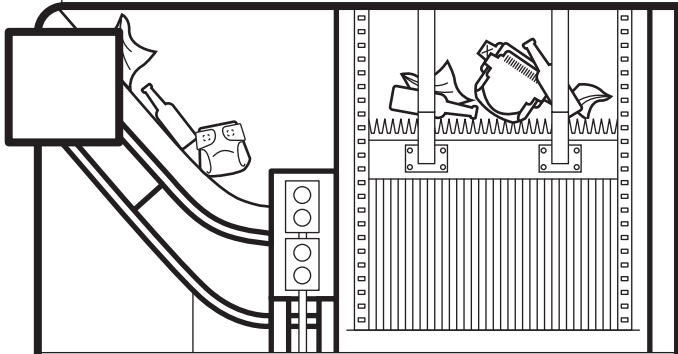


STORM DRAINS CARRY
RAINWATER TO OUR RIVERS,
WASHES AND PARKS.

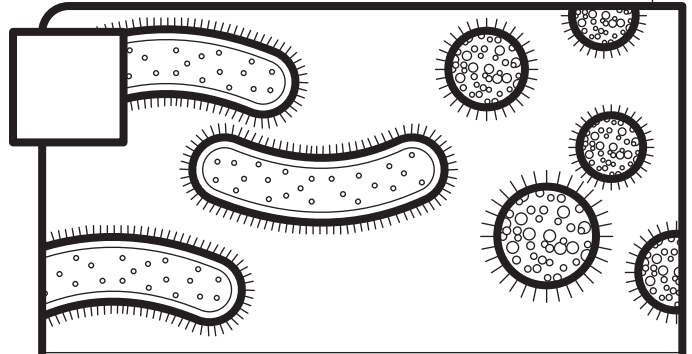


HOW DO WE CLEAN WASTEWATER?

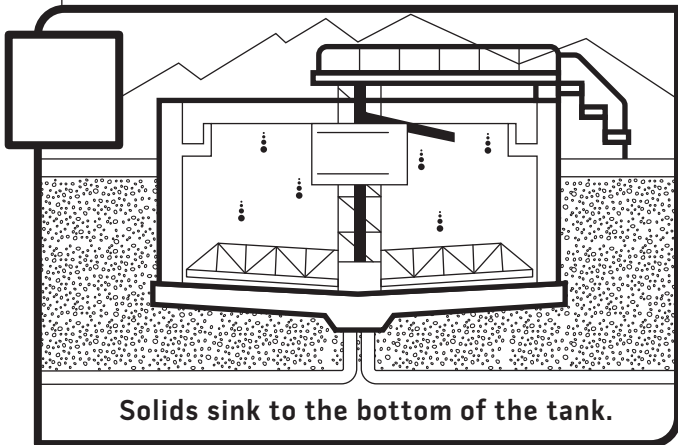
Number how the treatment process flows!



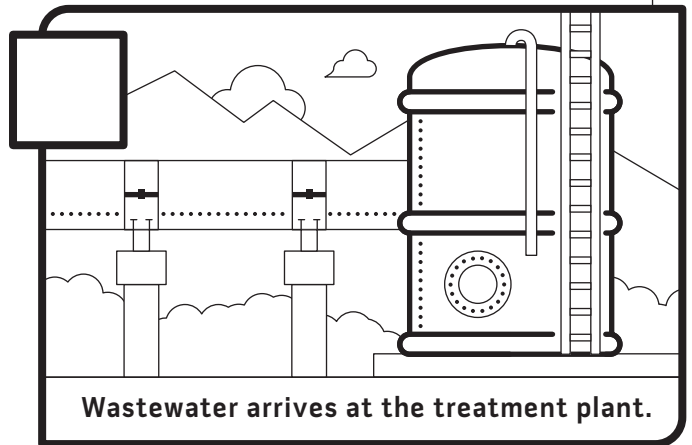
Wastewater is screened to remove large objects like diapers, bottles and wipes.



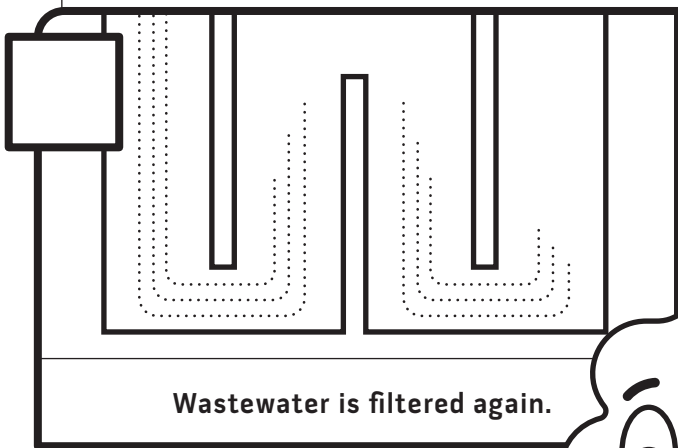
Small microbes (bacteria) feed on organic material, breaking it down.



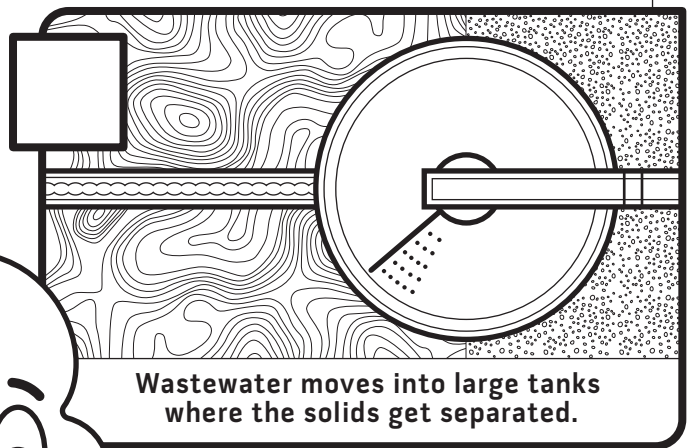
Solids sink to the bottom of the tank.



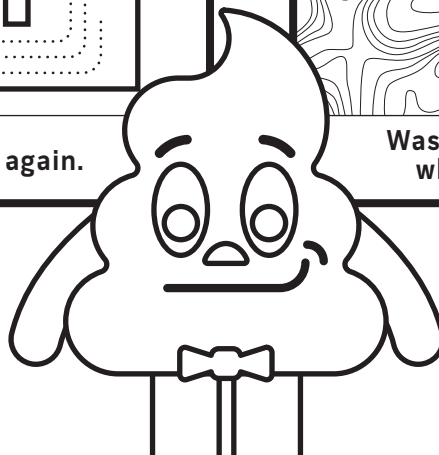
Wastewater arrives at the treatment plant.



Wastewater is filtered again.



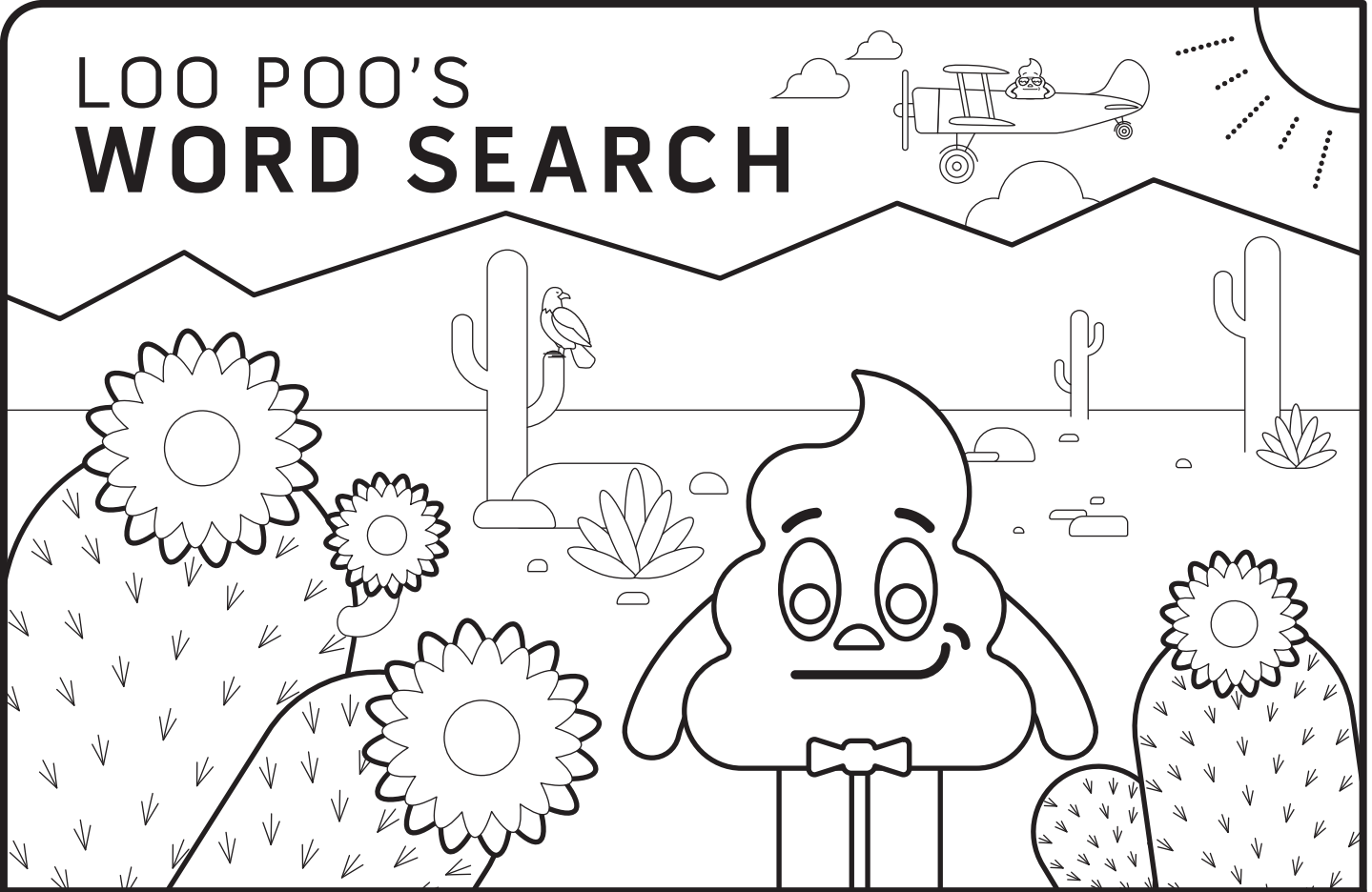
Wastewater moves into large tanks where the solids get separated.



















See what happens at our Wastewater Treatment Plants! We have 3 plants in Phoenix.

[See page 10 for answers!]

LOO POO'S WORD SEARCH



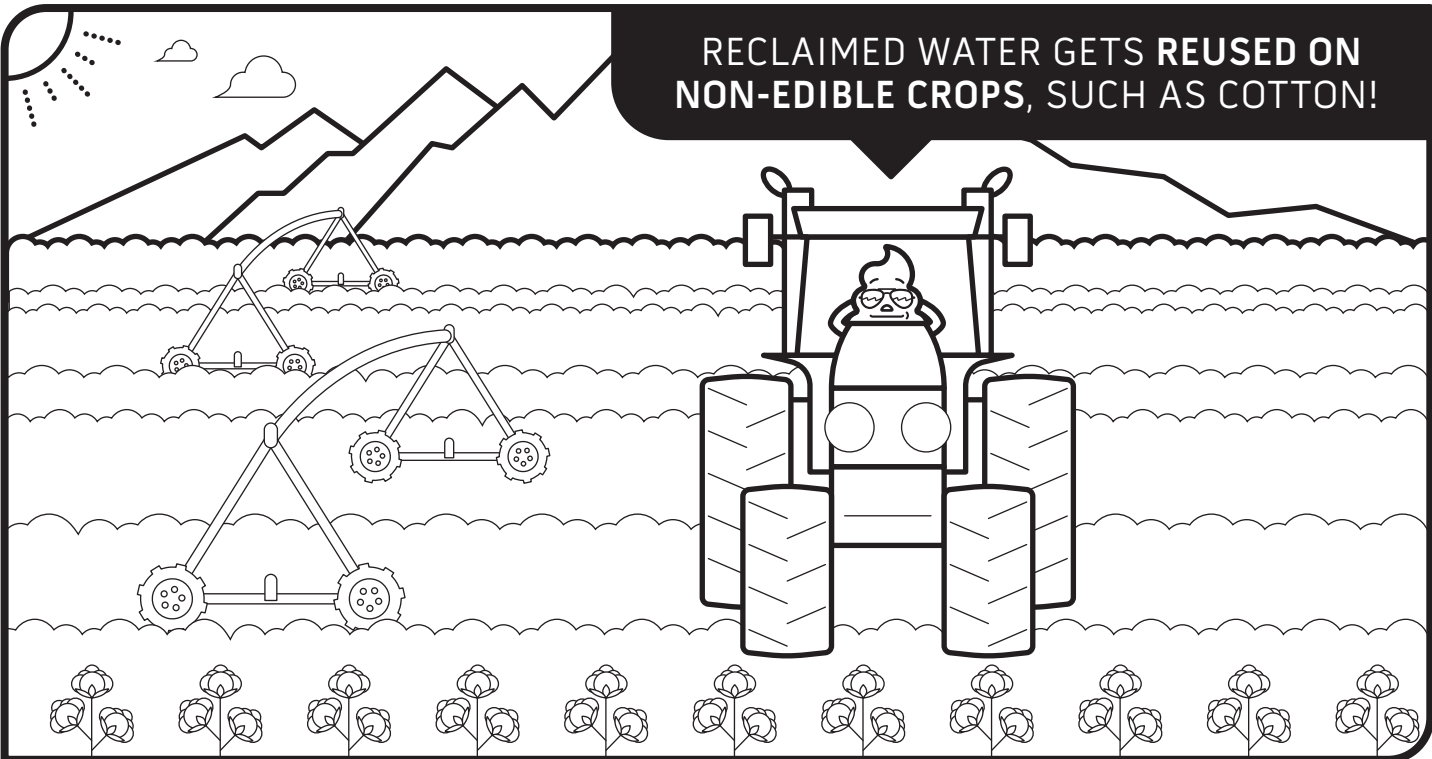
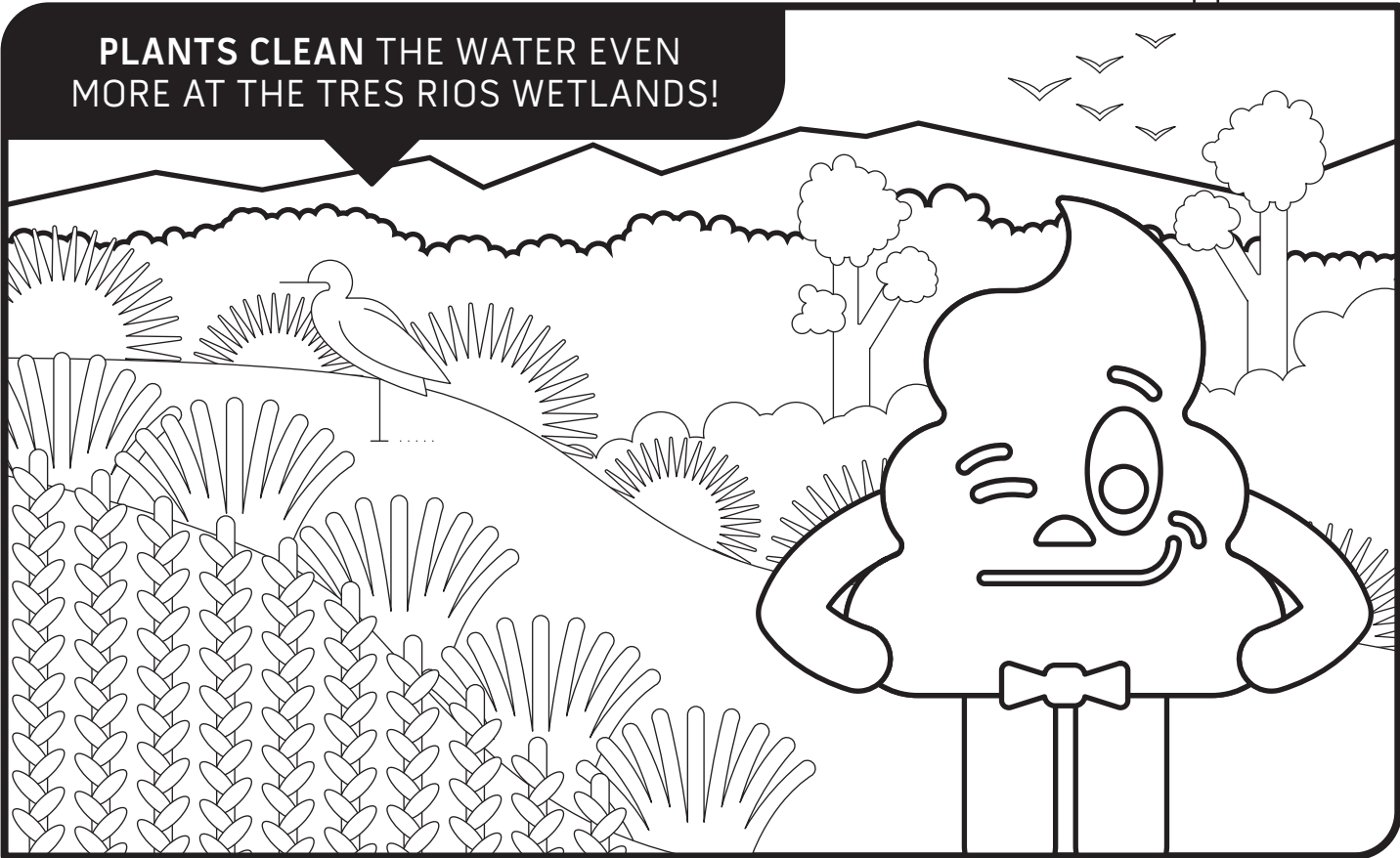
P E L I C A N K N D R X O Z Y C S E C Z
 I A K M H Q I E S B L T B J P A M Q L U
 D I M F X L I Y U V U X R X S L F T F X
 Q A J Q G D X G S W A S T E W A T E R W
 H H U M A E B P T N M T U J S P Z N N D
 J S F T R W W W A K X O P I C R K X F B
 A M P B C E B O I Z I I R S H A I T F F
 C U W C K T A G N P H L C X E G I O H A
 X M P I K L B T A W K E F L X W E H S U
 Y D O H W A C G B W F T Q K L Z E B J A
 V V E D G N S L I X M R D P P X D R P R
 R C E S Q D L J L C J M R H B O G Z P C
 A D J T E S M Y I E C R L O R G Q K V A
 V Q B J K R N V T N J C O E E E Z S F T
 Q U O V J A T X Y E T D D N C Q T U H Z
 A X E D R A I N F R J Y H I Y Q D M T J
 N L M M H K C T X G D B C X C P X F H M
 N F W A T E R G S Y Q U K T L N Q F G F
 S N R L P I P E S Y K L M A E F P D U G
 L L W P M K R E U S E S L O O P O O E P

-  Sustainability
-  Wastewater
-  Wetlands
-  Phoenix
-  Recycle
-  Loo Poo
-  Energy
-  Water
-  Reuse
-  Pelican
-  Desert
-  Pipes
-  Drain
-  Sewer
-  Toilet
-  Tres Rios

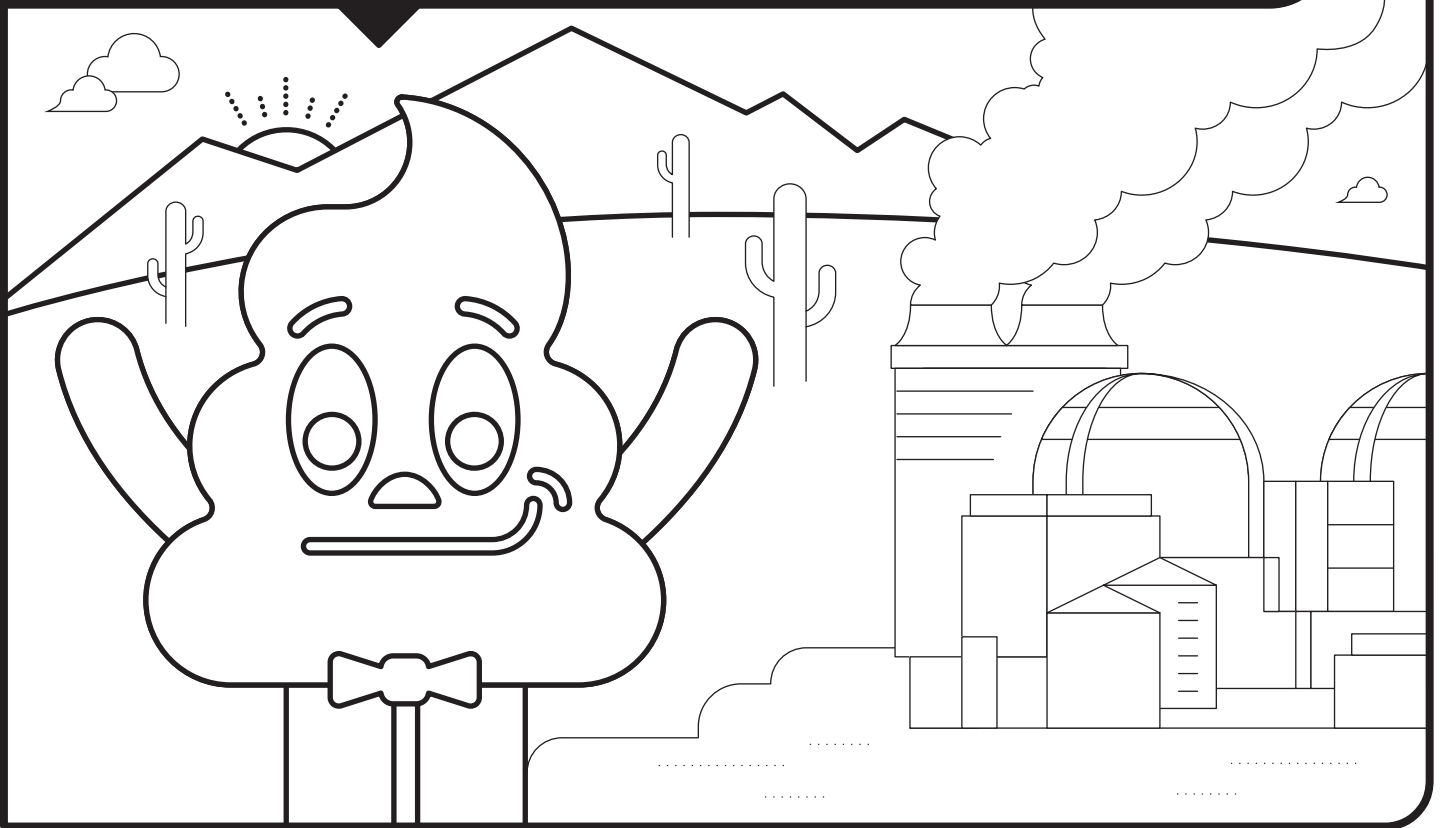
**[See page 10
for answers!]**

HOW PHOENIX RECYCLES WASTEWATER

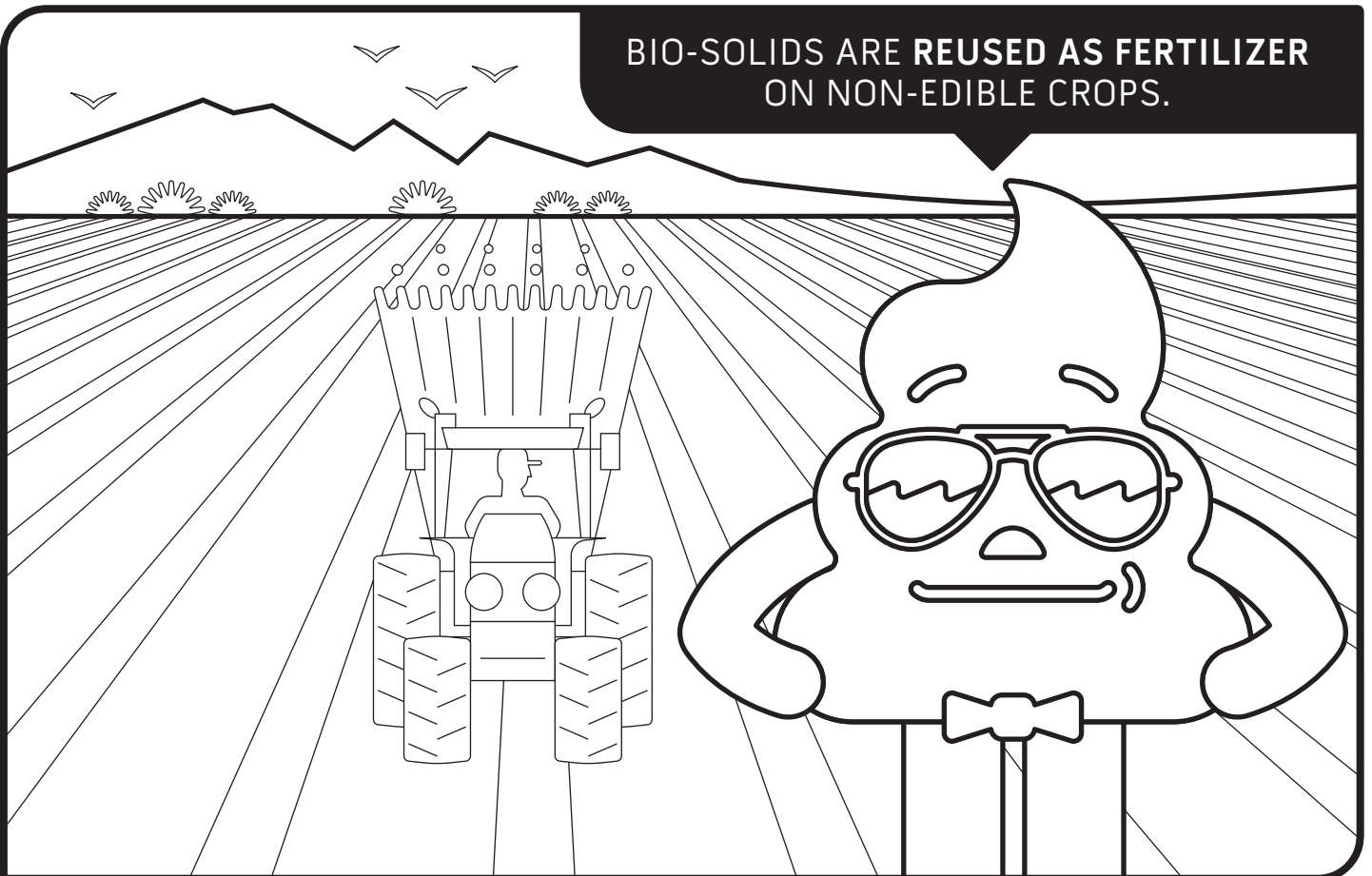
Did you know that cleaned wastewater is called reclaimed water?



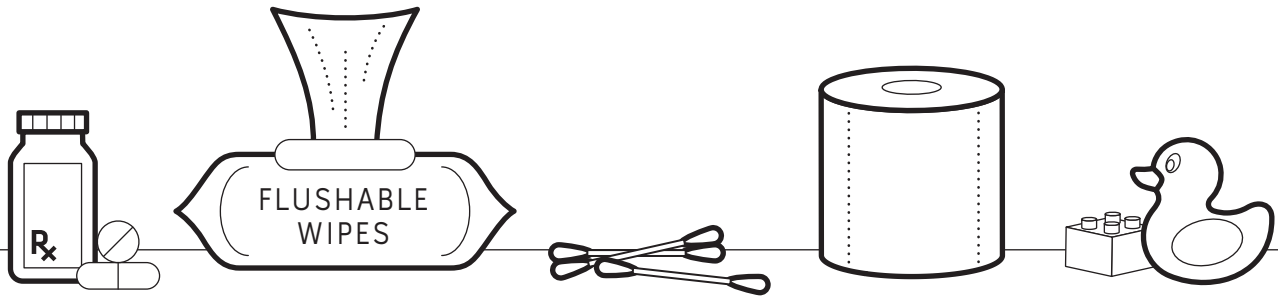
RECLAIMED WATER GETS REUSED IN THE PROCESS OF MAKING ENERGY AT THE PALO VERDE NUCLEAR GENERATING STATION!



BIO-SOLIDS ARE REUSED AS FERTILIZER ON NON-EDIBLE CROPS.

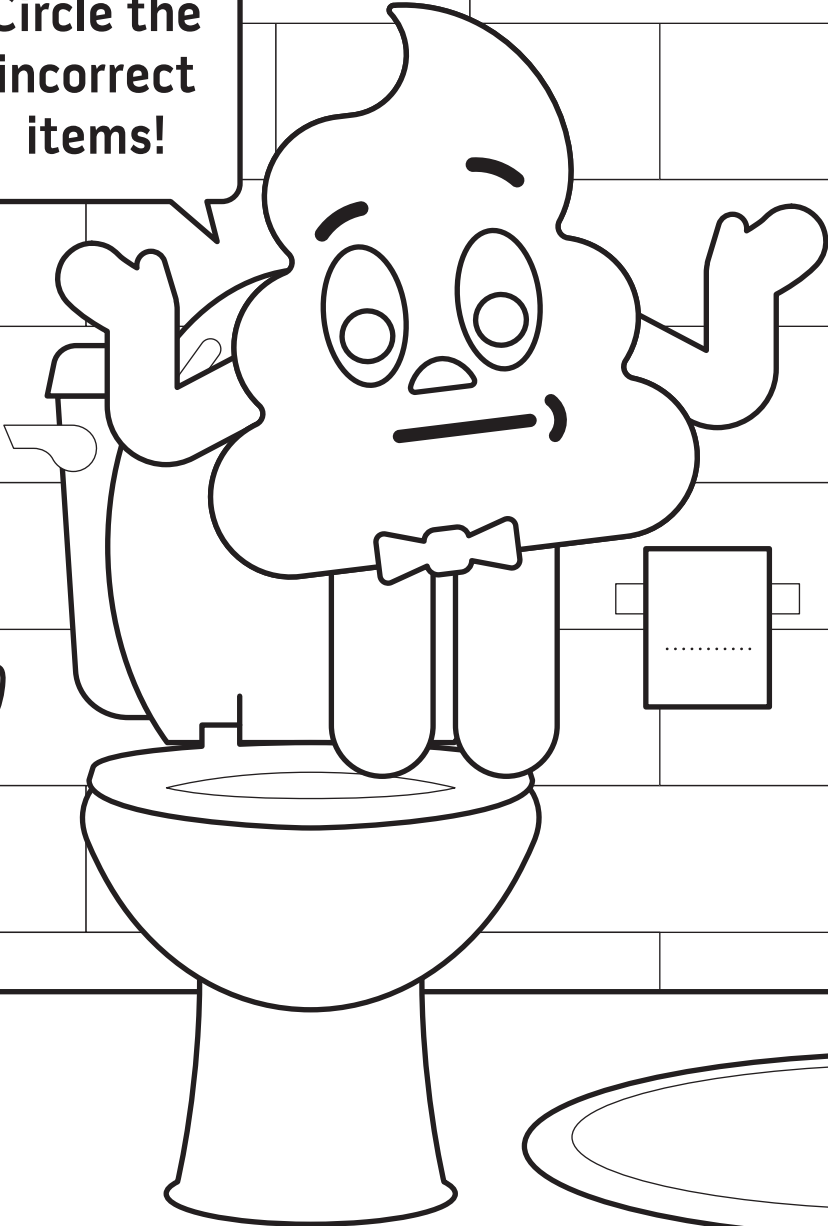
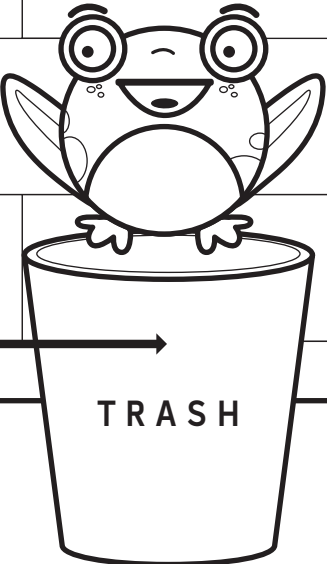


WHAT DOES NOT BELONG DOWN THE TOILET?



Circle the
incorrect
items!

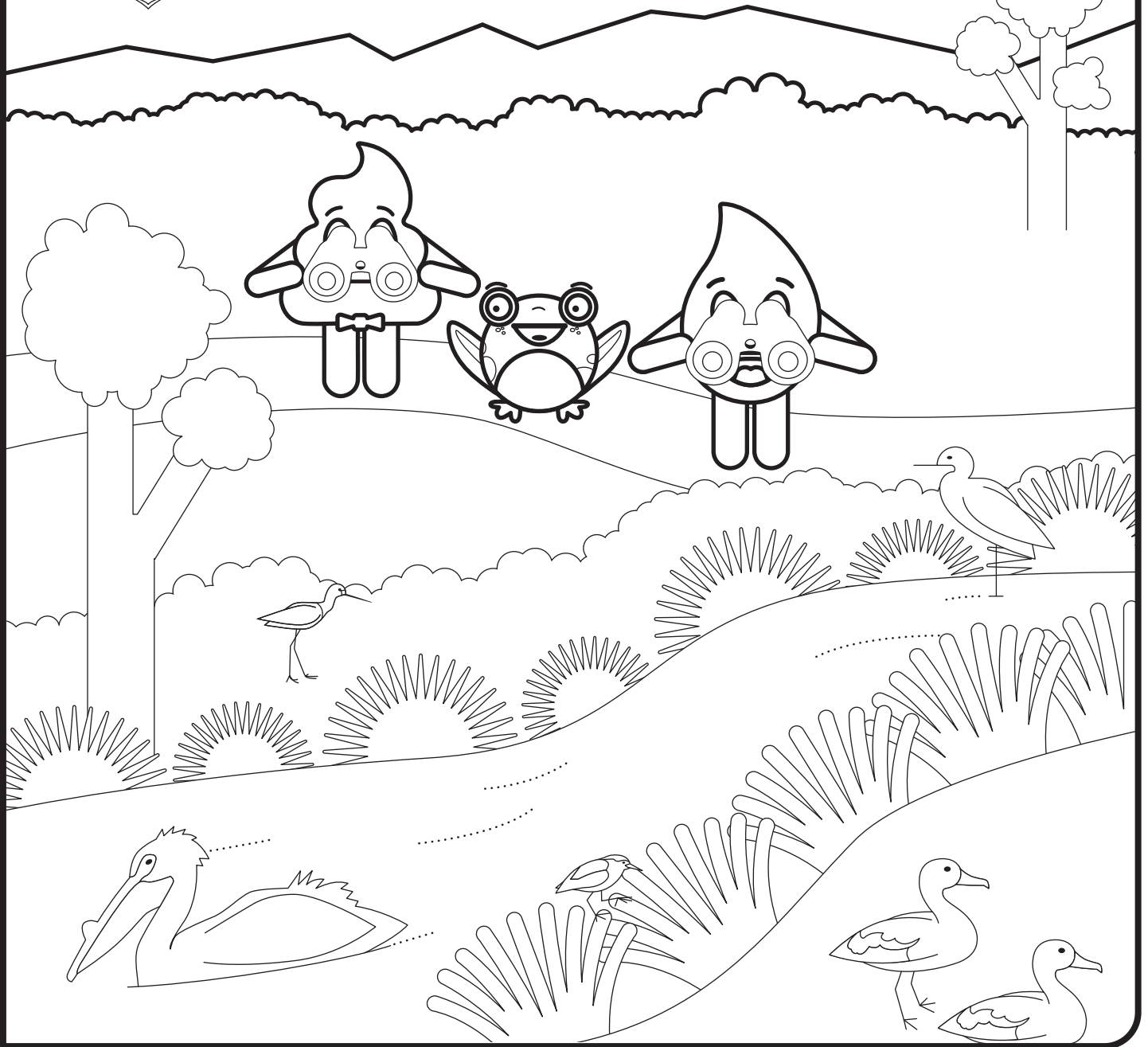
Here's a hint!
Flushable wipes
should go here.
Not in the toilet!



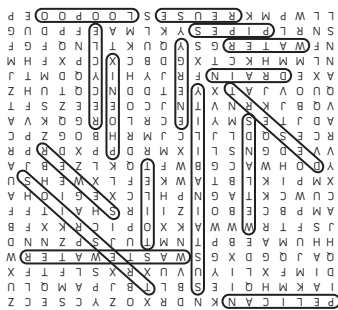
[See page 10
for answers!]



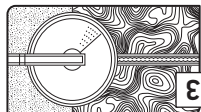
Did you know that you can visit the Tres Rios Wetlands?
Go to phoenix.gov/water for more information.



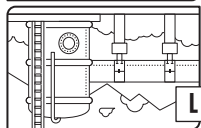
Answer Key:



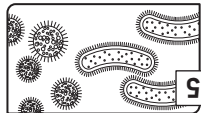
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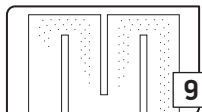
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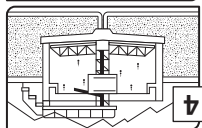
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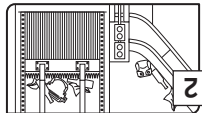
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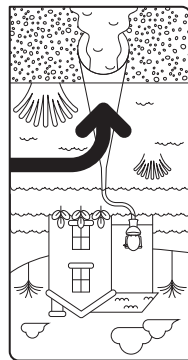
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4



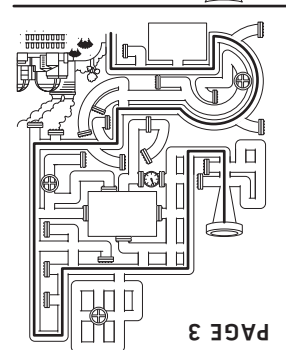
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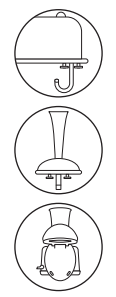
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PAGE 9



PAGE 3



PAGE 2

“LOOK FOR OUR NEXT
ADVENTURE WITH
STORMWATER HOPPER!”



CITY OF PHOENIX
WATER SERVICES DEPARTMENT
QUALITY. RELIABILITY. VALUE.



/PHXWATER | PHOENIX.GOV/WATER