



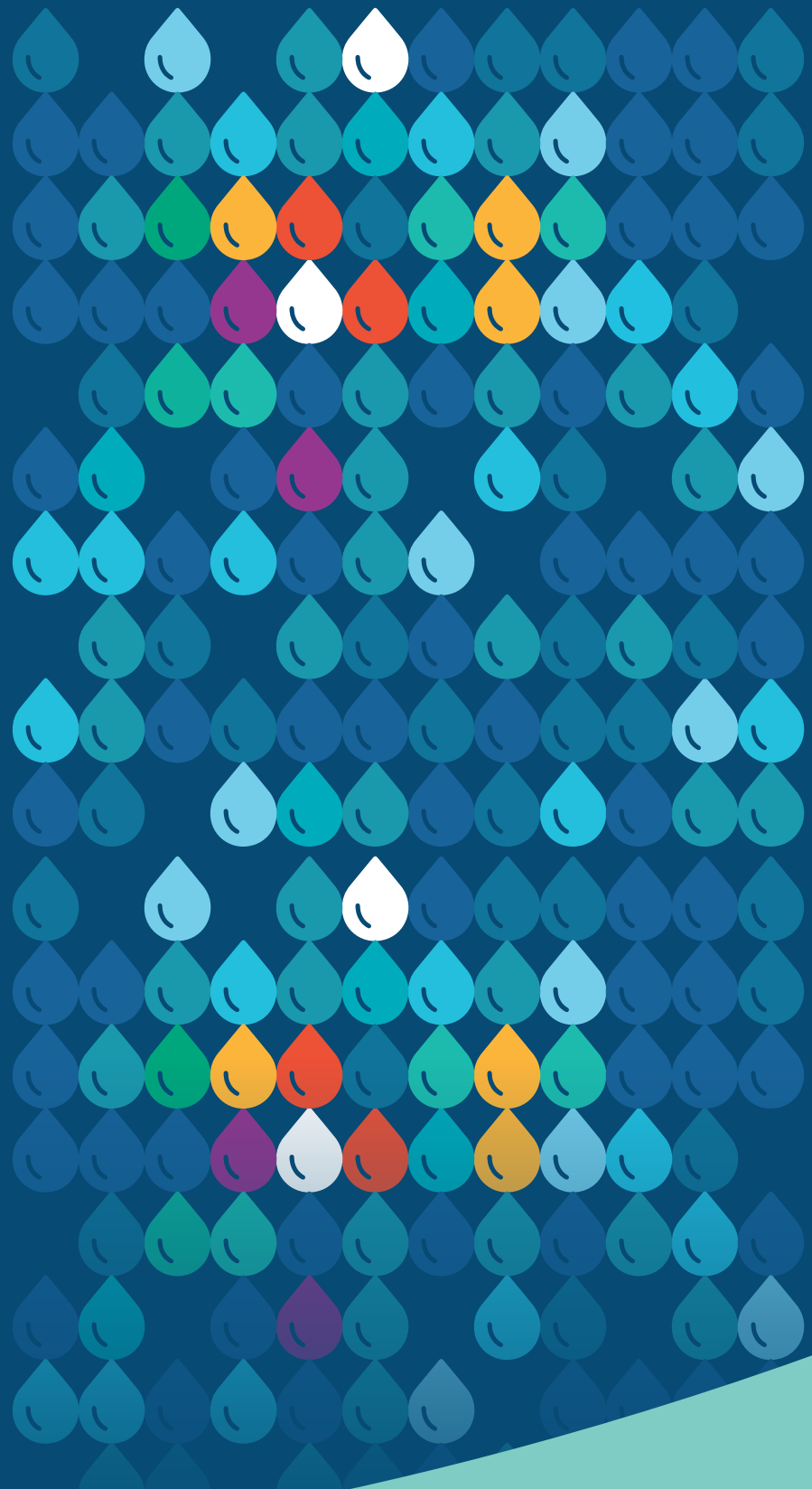
ISSUE 1

Rethink the value of H₂O

THINK H₂O WATER SHORTAGE

Did you know the average American uses 140-170 gallons of water *per day*? Or that a person can survive a month without food, but only **5 to 7 days** without water? *Water scarcity is a global concern* that affects people on every continent including North America and the United States.

When we think about water shortages in the US, we think about places like California and New Mexico, but it is happening right here in Illinois.



WATER SAVING TIPS

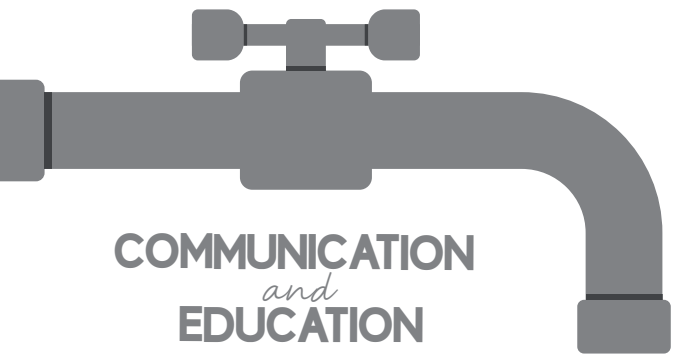
**FOLLOW THE DROPS
TO CONSERVE H₂O**



Learn how YOU can conserve water every single day.

RethinkWaterJoliet.org

  @THECITYOFJOLIET



COMMUNICATION
and
EDUCATION

EVALUATE
alternative water
source options

AUG '18 -
JAN '19

DETAILED ANALYSIS
of 5 potential
water sources

FEB '19 -
NOV '19

SELECTION
of preferred
water source

DEC 2019

< TIMELINE

CURRENT WATER SOURCE JOLIET, ILLINOIS

The City of Joliet uses 21 deep (bedrock) wells that pump from 1,000 feet below the ground and five shallow (gravel) wells that pump from 80 feet below the ground to draw its water supply. Once the water is treated to remove naturally occurring radium and iron, it is distributed to homes through 645 miles of pipes.

SO, WHY ARE WE TALKING ABOUT WATER?

The City's current water source, the Ironton-Galesville aquifer, is not sustainable. This means that the amount of water being pumped out of the aquifer is more than what is being replenished through natural recharge. According to a study completed by the Illinois State Water Survey in 2018, Joliet will no longer be able to meet maximum day water demands by 2030.

ways to CONSERVE

TIP #1

Turn off the tap while brushing your teeth!



Water comes out of the average faucet at 2.5 gallons per minute. Don't let all that water go down the drain.

Fill up your sink with water instead of letting it run the whole time you're scrubbing.



TIP #2

Hand washing a lot of dishes?



RETHINK WATER JOLIET

A SOLUTION TO A PROBLEM

In 2018, the City began a two phased study to identify an alternative water source for Joliet. Phase I, which was completed earlier this year, included analyzing feasible alternatives primarily based on quantity and quality. Fourteen water sources for the City's current and future needs were evaluated. Out of the fourteen, five were recommended to be carried forward into Phase II for further evaluation, which began in February 2019 and is currently ongoing. These five options include:

Lake Michigan - DuPage Water Commission

Lake Michigan - City of Chicago Department of Water Management

Lake Michigan - Southland Water Agency

Illinois River

Kankakee River

The Phase II study results will be presented to the Environmental Commission and City Council in November and an alternative water source is expected to be selected in December. Design and construction of the new system is anticipated to be complete and in operation by 2030.

GET WATERWISE

START CONSERVING

Water conservation is key. Saving water not only saves you money, it extends the life of the aquifer.

ATTEND THE WATER CONSERVATION SUBCOMMITTEE

The City has formed a water conservation subcommittee that meets the fourth Wednesday of every month at 3:00 at Joliet City Hall.

RAIN BARREL SUBSIDY PROGRAM

The City of Joliet is providing a \$30 subsidy to the first 150 Joliet water customers who install a rain barrel kit from Upcycle Products. The rain barrel kit includes installation instructions, hardware and spigots. Learn more about the Rain Barrel Program at www.Joliet.Gov/Departments/Public-Utilities/Programs-Projects.

TOILET REBATE PROGRAM

The High Efficiency Toilet Program, administered by the Department of Public Utilities, will be offering a \$100 rebate to the first 150 customers who replace a high-volume toilet with a high efficiency toilet (1.28 gallon/flush). To see if you qualify visit www.Joliet.Gov/Departments/Public-Utilities/Programs-Projects.

TIP #3

Replace your old toilets!



The current federal standard for toilets in the U.S. uses 1.6 gallons per flush. Older models can use 3 to 6 gallons per flush.

Rain barrels capture water from roofs and hold it for later use. During a peak summer month, a rain barrel can save about 1,300 gallons of water.



TIP #4

Collect the rain!



Learn more & GET INVOLVED

Find more information on the alternate water source study including the Phase I Study report and Environmental Commission meeting presentations at *RethinkWaterJoliet.org*.

To see us in action, check out the event calendar. We attend local community events to educate the public on the project and water conservation.

You can also sign up to be part of our mailing list and automatically receive email updates on the project.

TAKE THE SURVEY

How much do you know about Joliet's current water situation? Use the QR code to access the survey or visit www.surveymonkey.com/r/RethinkWaterJoliet



TIP #5

Only full loads!



Those half loads of dishes or laundry add up to gallons and gallons of water wasted.

An average shower uses about 5 gallons of water per minute. By shortening your shower by 2 minutes, you can cut water usage by 10 gallons.

TIP #6

Take shorter showers!



CONTACT:
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