



Joliet Alternative Water Source Study Phase II

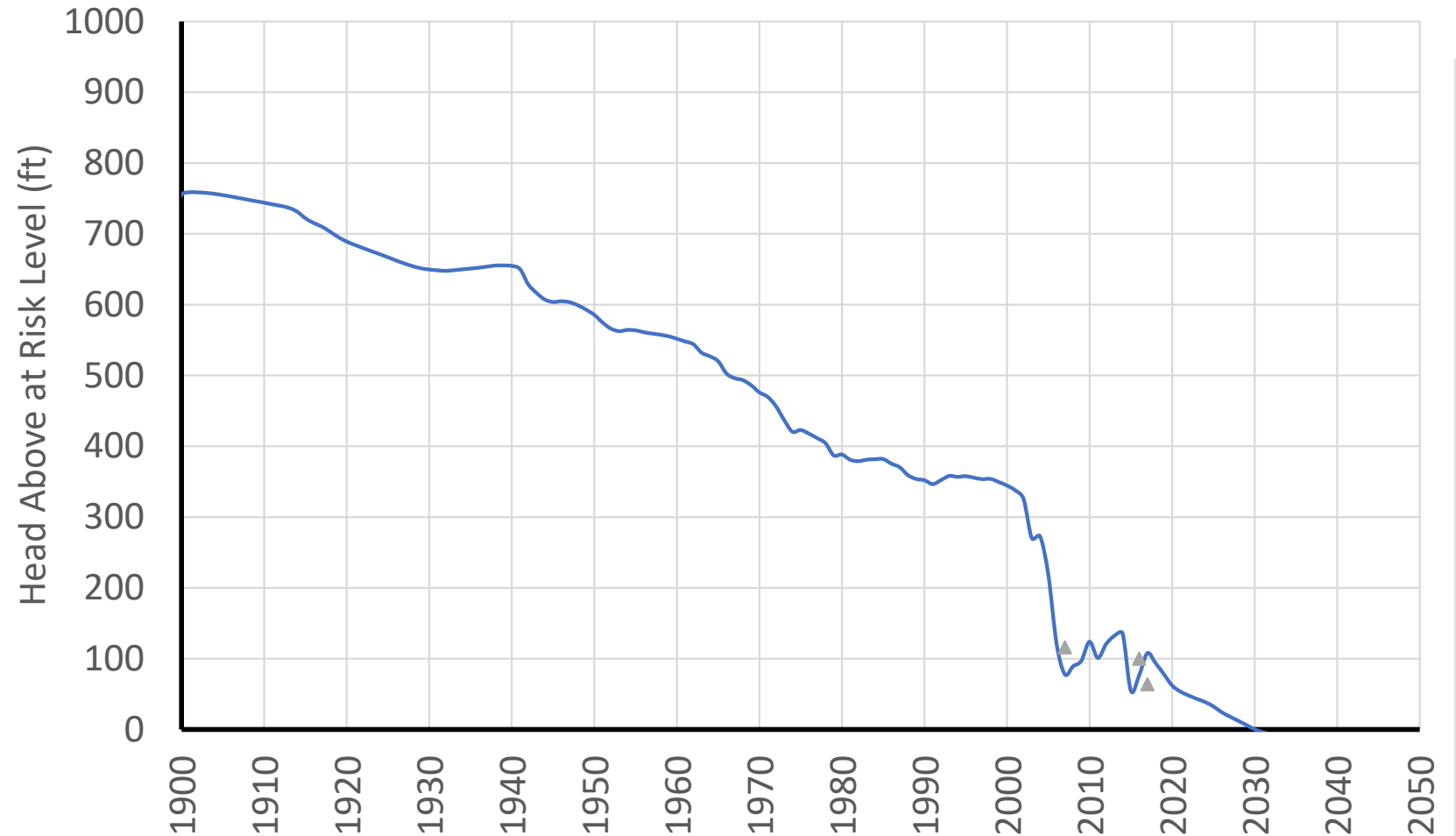
December 5, 2019

PUBLIC FORUM

CURRENT PROBLEM

Groundwater modeling completed in Fall 2018 found that at current usage rates **the City's existing water source, the deep sandstone aquifer, will not meet maximum day demands by 2030.**

Western Joliet Wells (Wells 15, 17 & 28)



STUDY OBJECTIVES & GOALS



OBJECTIVES



FRESH LOOK
*with all possible
alternatives evaluated*



**ENGINEERING
BEST PRACTICES**
*for an unbiased comparison
of alternatives*



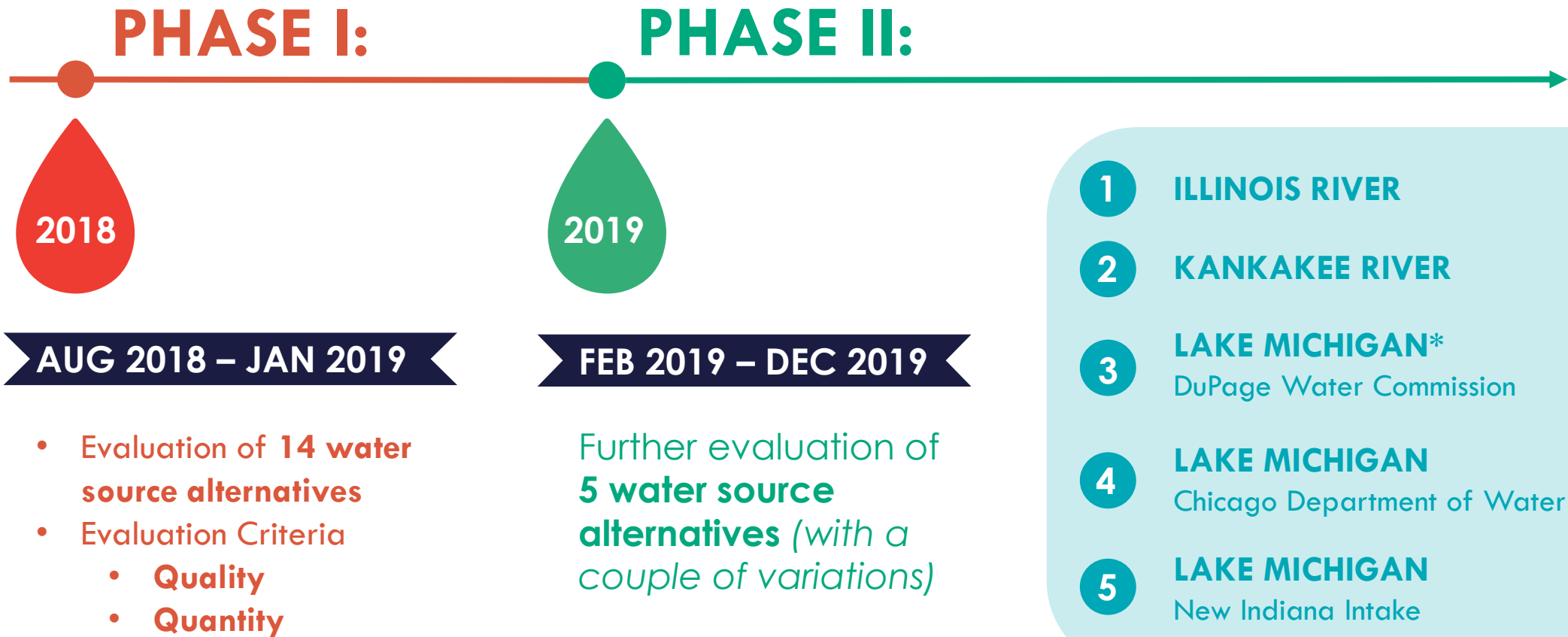
**OPEN AND
TRANSPARENT PROCESS**
*by team of experts under
guidance and direction of
Environmental Commission*



GOALS

*Present **TOTAL
WATER COST** and
NON-COST CONSIDERATIONS
for water source alternatives to
meet the City's (and region's)
2050 water demands and water
quality goal.*

STUDY HISTORY



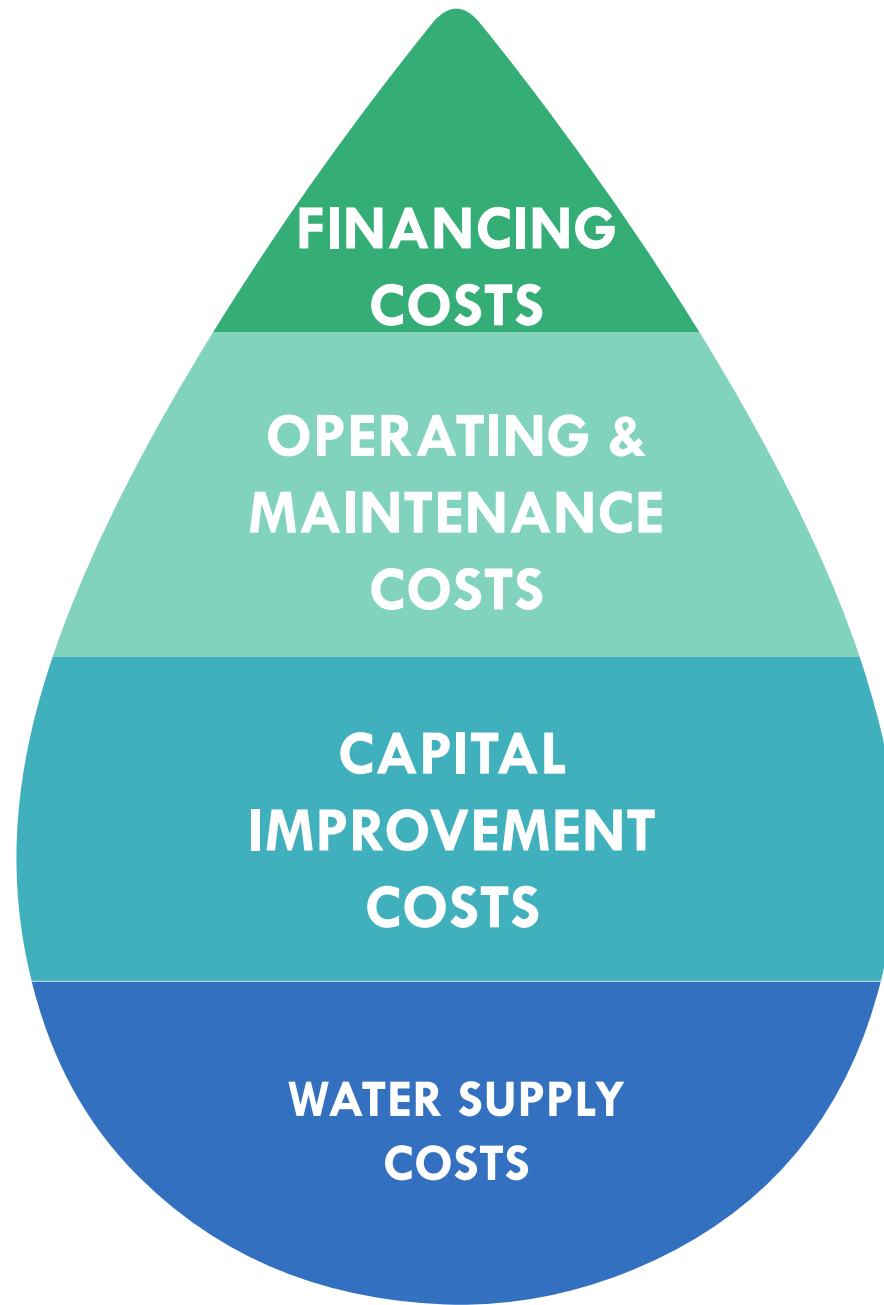
*Per a letter dated December 4, 2019 from the DuPage Water Commission, they do not want to be considered as an alternative water source supplier for the City of Joliet.



NON-COST DECISION FACTORS

- **RAW WATER QUALITY**
- **SUSTAINABILITY/WATER QUANTITY**
- **IMPLEMENTATION RISK**
- **OPERATIONS & MAINTENANCE**
- **CONTROL**

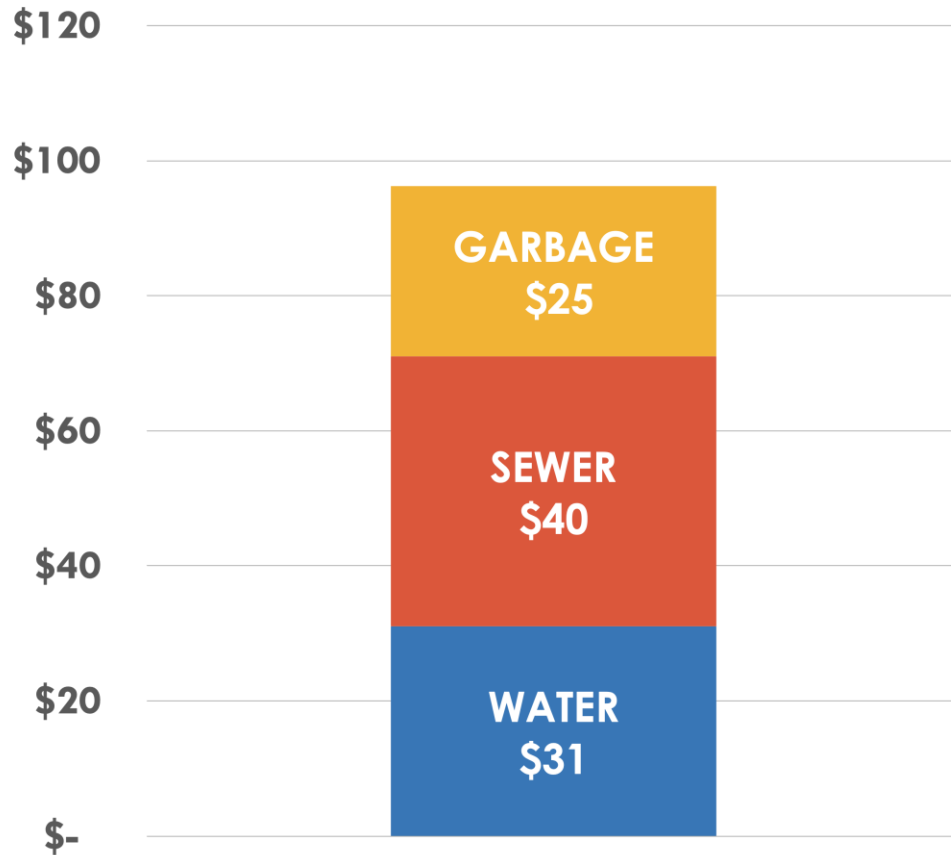
COST DECISION FACTORS



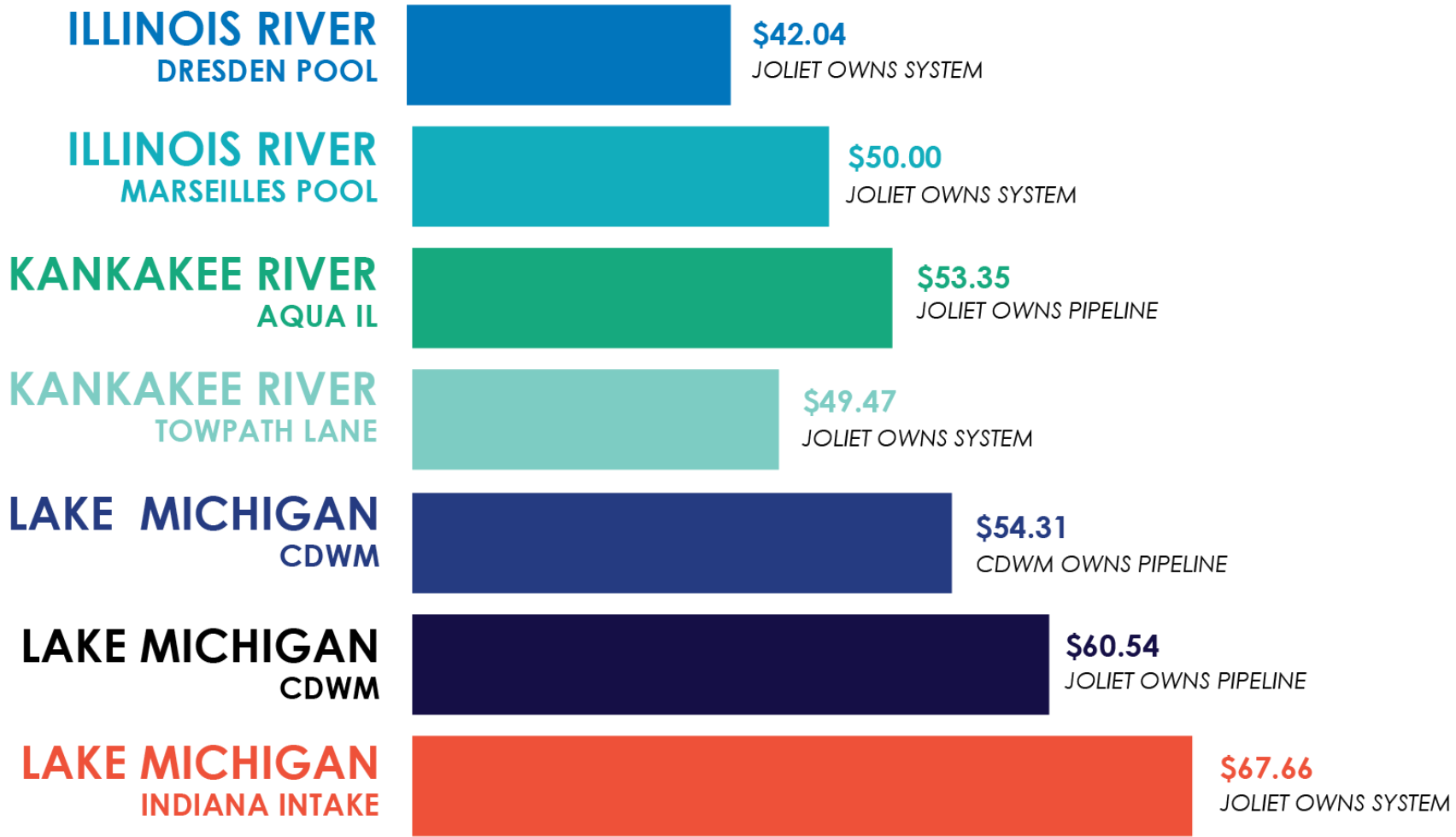
WHAT DOES YOUR UTILITY BILL INCLUDE?



TYPICAL MONTHLY RESIDENTIAL UTILITY BILL (7 HCF)



- Includes Garbage, Sewer & Water
- At current 2019 rates, typical monthly residential Bill (7 HCF):
 - **GARBAGE:** ~\$25
 - **SEWER:** ~\$40
 - **WATER:** ~\$31
 - **TOTAL BILL:** ~\$96



ESTIMATED INCREASE IN AVERAGE WATER BILL (7 HCF)

Current average monthly water bill is \$30.75

**Cost estimates have been compiled and presented by the City of Joliet Staff and its consultant team. All costs are conceptual in nature and should only be used for comparison purposes as related to the Joliet Alternative Water Source Study. See the Phase II Study Report and the corresponding Phase II Questions and Answers as support for cost estimates.*

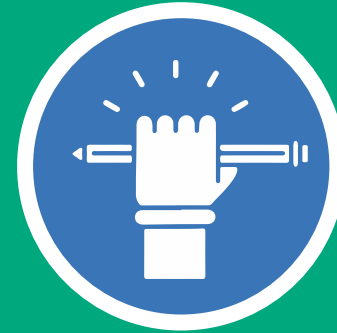
PHASE II STAKEHOLDER ENGAGEMENT



JOINT WORKSHOPS
April 2019, July 2019
& November 2019



MONTHLY ENVIRONMENTAL COMMISSION MEETINGS



MONTHLY EDUCATIONAL TOPICS



LOCAL COMMUNITY EVENTS/MEETINGS



BILLBOARDS, EBLASTS, SOCIAL MEDIA POSTS, NEWSLETTERS, & MAILINGS



COMMUNITY SURVEY



**PUBLIC FORUM
DECEMBER 2019**



SELECTION SCHEDULE



DECEMBER 10, 2019

The Environmental Commission will discuss and consider making a recommendation at the December 10th meeting.

JANUARY 7, 2020

An Alternative Water Source will be selected at the January 7th City Council meeting.

WE WANT TO HEAR FROM YOU!



COMMENT FORM

Complete one today!



EMAIL

RethinkWater@Joliet.gov



VISIT

RethinkWaterJoliet.org



CALL

(815) 724-4220



Public Questions & Answers



PUBLIC COMMENTS

www.RethinkWaterJoliet.org



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THANK YOU!

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