

# Village of Ransom

## Water Distribution System & Water Treatment Plant Acquisition

The Village of Ransom is located about ten miles northeast of Streator, Illinois. The original system was constructed in 1971 with the majority of the water main replaced in 1984-85. The system services approximately 170 customers with two groundwater wells providing the source water for the system. The existing homes are all on separate septic systems.

### CHALLENGES:

**Water Quality:** The wells were supplying poor quality drinking water and could not be utilized in the future without mitigation to eliminate high radium levels exceeding USEPA standards.

**Regulatory:** USEPA had filed a Consent Decree for the Village to comply with radium removal from the source water. This also presented additional challenges since there was no wastewater system to address discharge components of treatment for the radium removal.

**Rates:** Significant rate increases would be required for the +\$1m infrastructure improvements needed. Grants were being looked at to help address the issue, but there were no guarantees as well as timing to comply with the USEPA Consent Decree.

**Operational:** The system was currently being operated by Village trustees and had no dedicated staff for operations.

**SOLUTION:** Village officials met with IAW to discuss options and determined that through the selling of the system, IAW would be able to address the challenges they were facing.

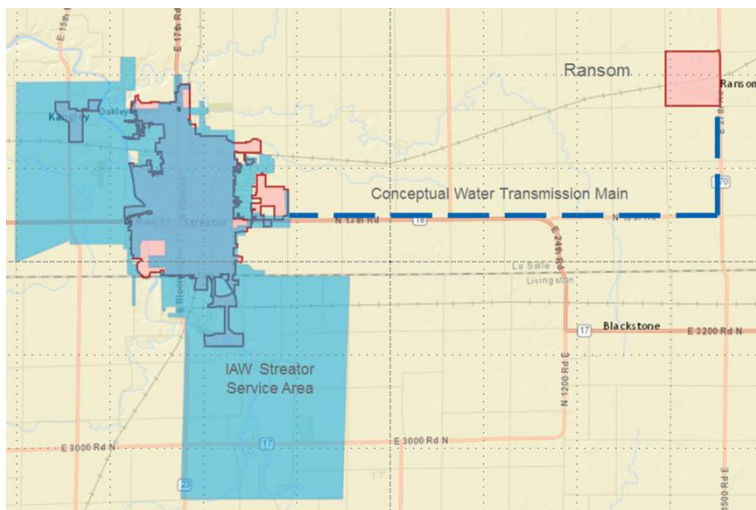
### BENEFITS:

**Water Quality:** IAW committed as part of the acquisition to provide a new water source through the construction of a pipeline from its Streator District bringing exceedingly high-quality water to the village.

**Regulatory:** IAW worked with Village officials and the USEPA to develop a compliance schedule acceptable to all parties and avoid further regulatory action.

**Rates:** Customers will experience an average of \$8 decrease on their existing monthly bill with no significant rate impact from the needed improvements.

**Operational:** Ransom is now part of the Streator operations which has a staff of over 13 water professionals to care for their system.



IAW pipeline will eliminate Ransom's USEPA Consent Decree.