

**MEETING DATE**

March 15, 2021

# CITY OF LAKE CITY

## Report to Council

**COUNCIL AGENDA****SECTION****ITEM  
NO.****SUBJECT:****DEPT / OFFICE:****Originator:** Joseph Helfenberger**City Manager**

Joseph Helfenberger

**Department Director**

Michael Osborn

**Date**March 8,  
2021**Recommended Action:**

Consider the recommendation to reduce the amount of water flushing that the City Water Department does by substituting a hydrogen peroxide system for water treatment.

**Summary Explanation & Background:**

Currently, the City Water Department uses an ammonia injection system to treat city water. This method requires significant flushing of water on our dead ends. If the City switches to a hydrogen peroxide system for water treatment, there is a strong possibility that a significant amount of water will not have to be flushed onto the ground. This conservation of water would be available to help meet the City's growing water needs.

Mr. Handy will conduct a question and answer session. He will discuss how the hydrogen peroxide system has helped High Springs, Perry, and other communities.

**Alternatives:**

The City needs to explore all alternative water uses in order to meet a growing demand for City water.

**Source of Funds:**

This is a preliminary discussion. Additional engineering needs to determine the cost and timing of converting the City's water treatment system.

**Financial Impact:**

Unknown at this time.

**Exhibits Attached:**

None