
**VILLAGE OF SUGAR GROVE
BOARD REPORT**

TO: VILLAGE PRESIDENT & BOARD OF TRUSTEES
FROM: BRAD MERKEL, DIRECTOR OF PUBLIC WORKS
SUBJECT: DISCUSSION: WELL #2 ABANDONMENT
AGENDA: JULY 18, 2023 REGULAR BOARD MEETING
DATE: JULY 7, 2023

ISSUE

Discussion Well #2 Abandonment.

DISCUSSION

The IEPA recently started enforcing MCL's (maximum contaminant levels) on emergency back-up wells in Public Water Supplies. Well #2 is one of the original shallow wells located near the south water tower, and it exceeds the MCL for Manganese as regulated by the IEPA. The recent enforcement required us to issue Public Notice to all water customers based on Well #2 exceeding the MCL for Manganese. The Village has not pumped Well #2 into the water distribution system since 2003, when the Well #8 water treatment plant went online. Well #2 only produces 300 Gallon per minute so it is staff's opinion that it is not worth the cost to install treatment equipment to allow the well to be pumped into the water system. Currently, staff recommends abandoning Well #2 to avoid future MCL Violations from the IEPA and meet the Compliance Commitment Agreement Provided by the IEPA.

Staff received a proposal from Layne Christensen Company to abandon Well #2 in accordance with the Illinois Water Well Construction Code, as overseen by the Illinois Department of Public Health. The proposal includes pulling and disposing of the existing well equipment, filling the well with bentonite chips to within 3' of the top of the well and 3' of cement grout to cap the well. Layne will also procure all necessary permits with the Kane County Health Department and coordinate all abandonment work with the local inspector. The total cost is \$20,000 to have Layne Christensen Company abandon Well #2.

COST

There is no cost to discuss the Well #2 abandonment.

RECOMMENDATION

The Village Board direct staff on the Well #2 abandonment.