
MEMORANDUM



TO: Mayor Walker and Councilors
FROM: C Klinghagen, Wastewater Treatment Plant Manager
M McPherson, City Administrator
SUBJECT: **Authorize Purchase of Tank Level Sensors**
DATE: March 21, 2023

Background:

The plant operates with chemical tank level sensors; they assist with determining fluid levels in the tanks. Staff is currently doing visual for chemical tank usage rates which has not been accurate due to tank being hard to see through. These sensors, in conjunction with the new chemical pumps, will give operators the best chance at feeding the correct amount of chemical into the plant. New sensors will ensure we don't overfeed which will save costs as well. The failing sensors (2) are very old; likely from when the plant was upgraded. One of the sensors fell apart and the other is not accurate due to age.

Two (2) replacement level sensors need to be purchased. This is not a CIP expense; this will be a maintenance/repair or general supplies expense.

Two quotes were received, attached:

| | |
|----------------------------|------------|
| VEGA (manufacturer): | \$2,594.00 |
| InControl (system vendor): | \$2,934.00 |

Staff will install the level sensors and work with InControl to ensure that they work with the SCADA system.

Recommendation:

Staff recommends that the City Council authorize purchase of two (2) level sensors from VEGA.