

TO: Mayor and City Council
FROM: Joe Zierden, Public Works Supervisor
RE: Turbine Replacement
DATE: April 1, 2024



Background

The sewer plant effluent is pumped by two 50 horse turbines into the wooded spray fields and was installed in approximately 1978. Turbine #2 was replaced in 2023 and it was recommended that turbine #1 be inspected at the end of effluent irrigation season. The inspection revealed that turbine #1 was in poor condition and repairing it was not possible. A quote was obtained for a new turbine/installation from Quality Flow Systems for **\$29,792.00**.

Requested Action:

A motion to purchase a new turbine and installation from Quality Flow Systems for **\$29,792.00** would be appreciated.