



DATE: 7/21/26

TO: Public Works Committee

FROM: Jordan Skiff, Wastewater Superintendent

SUBJECT: Resolution 70-26-27—Approving procurement of an APG Neuros aeration blower

ISSUE: Should the Public Works Committee recommend approval of a quote submitted by APG Neuros to replace an aging Turblex blower?

STAFF RECOMMENDATION: Staff recommends approval.

BACKGROUND/DISCUSSION: At the August 3rd City Council meeting, I plan to ask for approval of a quote from APG Neuros for an NX250 high speed turbo aeration blower at a cost of \$219,542. This blower will replace a Turblex blower that is at the end of its useful life, allowing us to continue to meet DNR capacity requirements well into the future. Aeration blowers provide the air needed by microorganisms to uptake nutrients in the activated sludge process at the wastewater plant, without which it would be impossible to meet permit requirements for biological oxygen demand (BOD), phosphorus, etc. This blower is intended to be smaller than the other three to allow it to be used—at significant energy savings—during times of low demand.

Donohue Associates, the engineering firm assisting with this project, solicited quotes from three reputable firms, and Neuros' price was best, its unit was the most efficient, its lead time was much shorter than the competitors', it most closely met Donohue's specifications, and we've had good success with two other Neuros blowers. Donohue provided a memo on July 9th analyzing the proposals and recommending Neuros (attached).

While more funds will be needed in 2027 for installation, this purchase is well within the 2026 CIP allocation of \$375,000 for this project. It also appears that we may qualify for around \$50,000 in Focus on Energy incentives due to the energy savings this unit is anticipated to provide. Completing this purchase now will allow Donohue to design the installation project around this specific equipment and will allow design and bidding of the contract to take place while the blower is being manufactured.

IF APPROVED, NEXT STEPS: A purchase contract will be entered with APG Neuros and the manufacturing process can begin. Donohue will complete their installation design, and an installation contractor will be selected through the sealed bid process for 2027.

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PUBLIC WORKS

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