



ITEM REPORT CITY COUNCIL

Agenda Date: 8/4/2026
Agenda Section: Consent Agenda

Department Origination: Public Works

Agenda Item: Accept "Ventilation Assessment for Water Treatment Plant" Report

Approval Required: Simple Majority Vote

BACKGROUND

SEH conducted an on-site evaluation of the Baxter Water Treatment Plant (WTP) on January 22, 2026 to investigate existing HVAC and ventilation systems, and identify deficiencies affecting indoor air quality. A second site meet was held in April for additional field verification and planning. The site visit and subsequent code review is presented in the report.

The report notes recommendations for targeted ventilation improvements focused on source control, continuous ventilation of critical zones, improved pressure management, and replacement of aging makeup air equipment. Key recommendations include replacement of MAU-3 with a new makeup air system to serve critical process and occupied spaces, and replacement of MAU-2 with a new two-speed makeup air system to improve chemical wing ventilation. The planning-level estimated construction cost for these improvements is noted in the report. In addition to work on the current project, the report also identifies a potential 2nd phase of improvements for the water plant in 2027.

FINANCIAL IMPLICATIONS

Included in the 2026 Water Enterprise Fund budget is \$584,000 for the HVAC improvements outlined in the background. The cost associated with drafting this report is included in the Engineering cost in the Preliminary Project Budget below.

Preliminary Project Budget:

Construction	\$450,000.00
Engineering	\$80,570.00
City Costs	\$15,000.00
Contingency	\$38,430.00
Total	\$584,000.00

STAFF RECOMMENDATIONS

The Utilities Commission and staff recommends accepting the "Ventilation Assessment for Water Treatment Plant" report.

UTILITY COMMISSION ACTION REQUESTED

MOTION to accept the "Ventilation Assessment for Water Treatment Plant" report.