



Public Works Agenda Item

Meeting Date:	February 11, 2025
Agenda Item:	Strand Task Order 25-03, WWTP Capacity Study
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

(Enter the who, what, when, where, why)

Staff routinely receives information requests from potential developments asking for capacity at the Wastewater Treatment Plant (WWTP). Most recently, staff has had face to face discussions with a potential developer whose productions would cause additional “industrial” loadings to the system. The WWTP can handle the volume of the wastewater, but the effects of the additional “industrial” loadings is what needs to be evaluated. The additional “industrial” loadings could impact our DNR Permit limits for the amount of Biological Oxygen Demand (BOD) loadings the plant receives.

The Study will review:

- the WWTP’s current capacity
- the potential impacts on the current WWTP processes
- draft an agreement between WWTP and a potential developer related to sewer discharges
- compare potential revenue against additional operating expenses
- review WWTP modifications that would provide additional capacity.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

FINANCIAL IMPACT

(If none, state N/A)

The estimated cost to provide the study, based on an hourly rate plus expenses, is \$15,000. This study was not specifically budgeted for in 2025. Funds in 620-62820-219, Professional Services, will be used.

STAFF RECOMMENDATION

While this study is specific to this potential developer in its “industrial” loadings, it will give staff a better understanding of our available capacity for other similar developments in the future if this development does not happen. Staff recommends a motion to approve Strand Task Order 25-03 for the WWTP Capacity Study and forward to Council.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Strand TO 25-03