



Council Agenda Item

Meeting Date:	February 20, 2025
Agenda Item:	Strand Task Order 25-04 RAS Pump
Staff Contact (name, email, phone):	Brad Marquardt, bmarquardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

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

The three existing Return Activated Sludge (RAS) pumps are experiencing high temperatures and an inadequate return rate of the activated sludge back to the aeration basin. After investigating this issue, the recommendation was to install a fourth RAS pump to help with the process. Strand's Task Order will:

- Prepare hydraulic calculations for the addition of the 4th pump
- Develop plan sheets for the installation of the 4th pump
- Develop a plan for incorporating the 4th pump in to the supervisory control and data acquisition (SCADA) system
- Prepare bidding documents, specifications and opinion of construction cost

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

The design of the 4th RAS pump addition was included in the 2024-2025 CIP budget and the updated 2025 CIP budget. The Public Works Committee recommended approval of the Task Order at their Feb 11, 2025 meeting.

FINANCIAL IMPACT

(If none, state N/A)

The estimated cost to complete the design for the 4th RAS pump based an hourly rate basis plus expenses is \$36,000. \$55,000 was budgeted in the CIP.

STAFF RECOMMENDATION

Staff recommends a motion to approve Strand Task Order 25-04, WWTP Return Activated Sludge Pump Addition.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Strand TO 25-04