



Public Works Agenda Item

Meeting Date:	July 11, 2023
Agenda Item:	4i. Strand Task Order 23-08 Biosolids Study
Staff Contact (name, email, phone):	Brad Marquardt, bmarguardt@whitewater-wi.gov , 262-473-0139

BACKGROUND

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

Strand Associates was asked to prepare a Task Order for the Wastewater Facility to review alternatives for biosolids processing and disposal. As components at the plant that were not updated continue to age and new regulations come about, the City is asking Strand to help develop a capital improvement plan for the rehabilitation or replacement of the anaerobic digester components including the covers, concrete surfaces, gas piping and thickening equipment. The following scenarios will be looked at:

1. Current land application with outside vendor.
2. Land application buying new equipment using city staff.
3. New dewatering equipment with land application with outside vendor.
4. New drying equipment to achieve Class A biosolids with and without a regional facility.
5. Hauling biosolids to a regional facility through an outside vendor.
6. Hauling biosolids to a regional facility with new equipment and city staff.

PREVIOUS ACTIONS – COMMITTEE RECOMMENDATIONS

(Dates, committees, action taken)

N/A

FINANCIAL IMPACT

(If none, state N/A)

The estimated cost for this study, based on an hourly rate basis plus expenses, not to exceed \$34,000.

STAFF RECOMMENDATION

This planning study will help the Wastewater Facility plan for the future. Staff recommends approval to be forwarded to the full council.

ATTACHMENT(S) INCLUDED

(If none, state N/A)

1. Strand Task Order 23-08 Biosolids Study