

**RACINE WASTEWATER UTILITY
FACILITIES PLAN
CHANGE ORDER 4 – ATTACHMENT A**

Scope of Services

AECOM requests a change order due to the increased level of effort required to address the following items. These items were not anticipated at the time of our original proposal or at the time of the previous change orders.

Schedule Extension – The schedule has been further extended due to a significant delay in the receipt of comments from both the Wisconsin Department of Natural Resources (WDNR) and the Southeastern Wisconsin Regional Planning Commission (SEWRPC). Our original schedule included a final review draft to the Racine Wastewater Utility (Utility) in February 2020. The extended time for project completion requires additional project management and project status tracking.

WDNR Questions – We submitted the Facilities Plan to the WDNR in September of 2020. The required Public Hearing was held in December of 2020. We did not receive initial comments until April 16, 2021 and received the final comments on April 23, 2021. We also held a call with the WDNR to review the comments. The comments and questions are far more detailed and specific than we anticipated, requiring significant additional time for review, response, and edits to the Facilities Plan. Many of the questions are well beyond and more detailed than what was anticipated.

Multiple Questions from SEWRPC – SEWRPC provided comments in March and April of 2021. Again, these were more detailed than anticipated and called into question the development and population projections provided by other Sewer Service Recipient (SSR) communities. More recently, in September, they requested revisions to the population estimates in the plan. Although this is unlikely to impact the treatment plant evaluations, it will require time consuming reworking many items in the plan.

Cost Allocation of Facilities Plan Costs – Effort was spent allocating the engineering fees to the SSR parties.

Additional Meetings and Presentations to the Wastewater Commission – Several unanticipated and additional meetings were held with Utility staff and several additional, unanticipated presentations were provided to the wastewater commission regarding the Facilities Plan issues and status.

Additional Cost Development Based on Wastewater Commission Request – At the request of the commission at the August 2021 commission meeting, we developed a cost breakdown for the proposed State Revolving Fund (SRF) funding Intent to Apply.

Funding Planning and Coordination with Focus on Energy (FOE) – We had numerous contacts with Joe Cantwell at FOE regarding the status of the project and the recommended energy related items.

Additional Coordination with SSR Parties – We responded to multiple requests for information and coordination with the SSR parties, mostly with Mount Pleasant and Caledonia.

Coordination with SEH Regarding Air Permitting – Multiple discussions were held with SEH regarding the equipment selection, digester gas conditioning, and the impact on the air permitting requirements during the Facilities Planning process.

Coordination Regarding CNH Site – Multiple considerations and layouts were developed for the former Case-New Holland (CNH) site based on input from the environmental reviews and comments from city and SSR parties. This support continued after the Facilities Plan was submitted.

Our plan is to address the WDNR and SEWRPC comments by performing the following specific tasks:

- Prepare two response letters, one to WDNR for their comments and one to SEWRPC for theirs.
- Discuss and finalize responses with the two agencies. Incorporate responses in Facilities Plan as agreed upon.
- Solicit input from the Utility and affected SSR parties as appropriate. This is envisioned to take several virtual meetings.
- Reissue the entire Facilities Plan with agreed up revisions and updates incorporated.

At the same time, AECOM will be incorporating the model revisions into the Facilities Plan. This is the corrective work that AECOM is undertaking at our own expense.

Deliverables

- Two response letters, one to WDNR and one to SEWRPC
- Meeting notes from virtual meetings with the Utility and affected SSR parties
- Updated Facilities Plan with agreed up revisions incorporated.

Staffing

Mr. Mike Zapinski, P.E. is the AECOM Project Manager for this work. Mr. Rusty Schroedel, P.E. BCEE, WEF Fellow is the Project Engineer. The project team includes additional staff from AECOM's Wisconsin offices.

Assumptions

1. Responses to WDNR questions do not create a substantive change to conveyance system alternatives.
2. Responses to SEWRPC questions and the population change do not create a substantive change to conveyance system alternatives.
3. Responses to WDNR questions do not create a substantive change to the treatment plant capacity or alternatives.
4. Responses to SEWRPC questions do not create a substantive change to the treatment plant capacity or alternatives.
5. Utility staff will provide prompt review and comment on deliverables and coordinate with AECOM to resolve any concerns.

Schedule

AECOM will begin work as soon as we receive notice to proceed from the Utility. We anticipate the scope of services will be completed by January 2022.