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MEMORANDUM

TO: City of Lincoln

FROM: Colin Marcusen, PE (Lic. MN, ND, SD, IA, NE, PA)

DATE: July 20, 2022

RE: Wastewater Regionalization, Lincoln, North Dakota
Monthly Progress Report
SEH No. LINND 166656 14.00

The intention of this memorandum is to provide updates on the Lincoln Wastewater Regionalization Project.

Happening Now

The Project is transitioning between Preliminary Engineering and Final Design. During the last month, SEH has performed the following tasks.

- Forcemain Alignment:
 - We have revised the alignment based on conversations with property owners and the City of Bismarck. We will now complete site and boundary surveys in order to more accurately pinpoint the proposed forcemain location.
 - Easement descriptions and exhibits will be developed and delivered to the City. We will ask that the City's attorney develop easement agreements for the property owners to execute.
 - Beaver Creek has completed their wetland delineation work and has the archaeological work scheduled. The archaeological study is the last step in approval of the Facility Plan by NDDEQ.
- Pump Station and Pond Site
 - A draft layout of the pump station site has been developed. Pump selection has also begun. SEH will request a meeting with City staff soon to discuss pump station details.
 - We are moving forward with design of flow equalization at the pump station site (former pond site). The City of Bismarck is likely to require approximately 300,000 gallons of storage. We will accomplish this but construction of a lined earthen basin.

Next Tasks

- Continue to have discussions with property owners to further refine the forcemain alignments.
- Conduct site survey work along the forcemain alignment – some of this work has already been completed.
- Begin to prepare easement agreements along the forcemain alignment.
- After Beaver Creek has completed their Archaeological Review, submit to DEQ for final Facility Plan Approval.
- Forcemain design tasks, including: preliminary structure locations and Apple Creek crossing details.
- Begin preparation of the Army Corps of Engineers permit applications.

Engineers | Architects | Planners | Scientists

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- Hold a meeting with City of Bismarck staff to discuss the final forcemain alignment and design details/requirements.
- Hold a Final Design Meeting with City staff to discuss the Pump Station, Equalization, and Pond Decommissioning Designs.

Schedule

We are on schedule according to the Proposed Schedule laid out in the contract in that we are now proceeding with Final Design. However, we still have tasks remaining to complete the forcemain alignment. The major goal of the project is still to complete final design and begin advertisement for bidding in early 2023, allowing for construction in 2023 and 2024.

clm/mrb

c: Matt Schaible, SEH

https://sehincazure-my.sharepoint.com/personal/jglatzmaier_sehinc_com/documents/documents/lincoln_nd_regionalization/2022.07.15-3-monthly-progress-report-jg.docx