



MEMORANDUM

DATE: February 3, 2015
TO: George Kathios
FROM: David Press, David Peterson
CC: Dana Lee, Eliot Town Manager
SUBJECT: Kittery Infrastructure Improvements & Sewer Extension Projects
Progress Report for the period 12/29/2014 through 1/25/2015

This Memorandum serves as a status report of work completed in January and work anticipated to be completed in February 2015 for the Kittery Infrastructure Improvements Project and the Sewer Extension Project. We suggest you share it with the Town Manager, Town Council, and others.

GENERAL UPDATES

- The Contractor's schedule for installation of replacement pumps at Pump Station 7 remains February 2015, contingent upon the delivery schedule of the pumps from the manufacturer.
- The Contractor completed all concrete work for the new septage receiving tanks at the WPCF.
- Kleinfelder expects that the Infrastructure Improvement general contractor (Penta) will be off-site in February and March. Their electrical subcontractor (Richardson Electric) will continue to work on electrical installations during these two months.
- The sewer extension project bids were opened on January 6, 2015. Sargent Corp. was the apparent low bidder. The bids received exceeded the available budget. Kleinfelder and the Town are working with Sargent to optimize the work to fit the budget. Contract award is contingent upon final approval by DEP.
- The Town and MTA are working on transferring the Manson Road pump station site to the Town.

WASTEWATER INFRASTRUCTURE IMPROVEMENTS CONSTRUCTION SERVICES

Note that there are two subprojects under this improvement project:

- 1) upgrades to two of the Town's 21 pump stations - Pump Station Nos. 6 and 8
- 2) upgrades to the wastewater treatment facility and to the Town's other 19 pumping stations

The following work was completed during the period ending January 25, 2015:

A. Pump Station 6 & 8 Construction



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- The Town, Kleinfelder and the Contractor executed a Pay requisition that reduced the Contractor's retainage to 2% on substantially complete items.
 - Field checked completion of punch list items
 - Prepared Change Order No. 3 for additional float switches at Pump Station 6 (PCO 4), wall leakage sealing at PS 8 (PCO 5) concrete repairs at Pump Station 6 (PCO 5), and remobilization for paving at Pump Station 6 in the spring of 2015 (PCO 5).
- B. Water Pollution Control Facility and Pump Station Construction
- Received and reviewed submittals on instrumentation, the control building windows, and the new garage, and the provided comments to the contractor.
 - Kleinfelder's field representative was present at the WPCF site while the contractor was on site.
 - As a follow-up to RFI No. 2, reviewed the Contractor's final cost proposal for PCO No. 3 for replacing the main plant circuit breaker and associated electrical equipment, and directed the contractor to proceed with the work.
 - Reviewed and responded the Contractor's RFI 4 regarding reconnecting the alarm dialers at the pumping stations at which the electrical cabinets are being replaced.
 - Reviewed and responded to the Contractor's RFI 5 regarding the ratings of the VFD's and the pump circuit breakers at Pump Station 13.
 - Reviewed and executed the Contractor's Pay Requisition No. 3.

During February 2015, the following activities are anticipated:

- A. Pump Stations 6 & 8 Construction
- Finalizing and executing Change Order No. 3.
- B. Water Pollution Control Facility and Pump Station Construction
- Review of additional shop drawing submittals
 - Continuation of electrical construction at the WPCF and the remote pumping stations.
 - Continuation of Kleinfelder's resident representative observation at the WPCF and remote pumping station sites on an as-needed basis.
 - Submission of an SRF reimbursement package to Maine DEP.
 - Preparing Change Order No. 3 for electrical work at septage receiving and pump station 13.

SEWER EXTENSIONS PROJECT DESIGN AND BIDDING

The following work was completed during the period ending January 25, 2014:

- **Maine Turnpike Authority**

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- The Town and MTA are currently working on a purchase and sale agreement for land on Manson Road to install the wastewater pump station.
- Kleinfelder obtained input from the MTA for modifying the design of the HDD crossing to shorten it by making it perpendicular across I-95.
- **Bidding**
 - Attended the bid opening on January 6, 2015.
 - Tabulated the bid results.
 - Contacted project references provided by Sargent. Each reference provided a favorable review of their work.
 - Bids exceeded the available budget. Since then, Kleinfelder and the Town have been working with Sargent to identify possible ways to reduce costs to the project to make it fit within budget. This included one meeting in Kittery with the Town and Sargent.

During February 2015, the following activities are anticipated:

It is anticipated that the following activities will be completed in February; however, it is possible that some of these activities will actually be completed in March.

- Produce a Memorandum to the Town offering Kleinfelder's recommendation for awarding the project to Sargent.
- Develop Change Order #1 to incorporate cost reduction measures into the project.
- Obtain Town and DEP approval to award the contract.
- Assist Town in assembling contracts and Change Order #1 for signature and award.

The Town is reminded that Maine Inland Wildlife & Fisheries will be conducting a winter survey to assess the presence of New England cottontail rabbit in the project area. Upon completion of this survey, the Town will be asked to post the results to its website to inform the public. The timing of this survey is dependent upon weather and the schedule of Maine IF&W. Note that the construction work may proceed without completion of this study.