



# MEMORANDUM

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**DATE:** November 4, 2014  
**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 9/29/14 through 10/26/2014  
**KLF Projects:**20140119, 20140175

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This Memorandum serves as a status report of work completed in October and work anticipated to be completed in November 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 work at Pump Stations 6 and 8 was substantially complete in October.
- The contractor started the Church Street sewer and lighthouse manhole work on October 20, 2014.
- The contractor (Penta Corp.) started work at the Water Pollution Control Facility site on October 24, 2014.
- The Kittery and Eliot Town Managers corresponded regarding Eliot's desire to purchase additional capacity in the Kittery wastewater treatment facility. Kleinfelder provided technical support to the Kittery Town Manager and Superintendent of Sewer Services.

## 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, and 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 October 26, 2014:

- A. Pump Station 6 & 8 Construction
- Performed a follow-up test on Pump 1 at Pump Station 6 (pump tested satisfactorily)
  - This contract has reached substantial completion, and both pump stations are fully operational.
- B. Water Pollution Control Facility and Pump Station Construction

- Received, reviewed, and returned to contractor submittals and resubmittals for asbestos pipe removal, cast-in-place concrete septage tanks, excavation support system, grit pump, grit classifier, septage receiving unit, septage aeration diffusers, and SCADA and instrumentation equipment.
- Kleinfelder's field representative was present at the Church Street sewer and WPCF sites while the contractor was on site.

During November 2014, the following activities are anticipated:

- A. Pump Station 6 & 8 Construction
  - Issuing the contractor a Certificate of Substantial Completion for Pump Station 6 and 8.
- B. Water Pollution Control Facility and Pump Station Construction
  - Review of additional shop drawing submittals
  - Continuation of construction at the Church Street sewer and the WPCF.
  - Continuation of Kleinfelder's resident representative observation at the Church Street sewer and WPCF sites
  - Submission of an SRF reimbursement package to Maine DEP.

## SEWER EXTENSIONS PROJECT

The following work was completed during the period ending October 26, 2014:

- **Easement Acquisitions** – At this time, all easement plans and descriptions have been written and the Town's Counsel, Dan Thornhill, is working directly with the following property owners to execute the easements:
  - Martin Road PS (Dennett)
  - CMP Corridor (Gerasin)
  - CMP Corridor (Seaward)
- **Final Design Progress Updates**
  - The sewer crossing design below I-95 was updated to include a sleeve around the sewer.
  - Final design of the civil drawings is ongoing and final preparations to make the drawings bid-ready are underway.
  - The electrical design of the pumping stations started in this period and will be completed in November.
  - Comments from CMP on the design are still pending. Kleinfelder is diligently contacting CMP for updates.
  - A draft of the Contract Specifications was completed and is under internal review.

- **SRF Funding**
  - The Environmental Information Document (EID) was completed and submitted to MEDEP this period.
  
- **Permitting**
  - Wetlands related permit applications to the Army Corps of Engineers and the MEDEP NRPA were submitted. Both review periods have passed without comment, and therefore, the Town has met its regulatory obligation to permit the project.
  - A wetlands related permit application was submitted to the Kittery Planning Department. The Planning Board will review the wetlands permit application at a scheduled November 13, 2014 Board Meeting.
  - MaineDOT issued a Location Permit to Kittery on October 8, 2014 to construct and operate the pump station on MaineDOT property. The permit requires the Town and MTA to agree to transfer the pump station property to the Town after the time that this land is transferred from MaineDOT to the MTA.
  - MaineDOT issued a Location Permit to Kittery to construct a sewer below I-95. However, the permit included a provision requiring review and approval by the MTA. It is understood that the MTA Board Meeting in November will review this design and issue comments or approval of design to MaineDOT. An Application for Interest was submitted to the MTA for its review on October 13.

During November 2014, the following activities are anticipated:

- Obtain comments from CMP (if any) and incorporate into design
- Finalize civil design
- Finalize electrical design
- Finalize contract specifications
- Town Counsel will finalize easements with property owners
- Town shall notify the public about the project seeking SRF Funding. A 30-day public review period is necessary prior to bidding the project
- Attend November 13 Planning Department meeting
- Follow-up with MTA to discuss the status of its review of the sewer design below I-95