



Monthly Update

AUGUST 9, 2013

Projects

223970 Madaket Wastewater Treatment Facility & Collection System Phase 1 - Preliminary Design Phase

Progress

Last Month:

- Surfside Capacity Analysis Completed
- Began evaluation of sewer capacity

This Month:

- Begin cost estimating for upgrades needed for Surfside WWTF
- Submit Scope of Work to MassDEP for re-rating Surfside infiltration bed effluent loading
- Obtain and review Surfside beds monitoring well data
- Final review of PAL report on FAA site

Schedule

Projected completion date – December 31, 2013

Financial

Phase 1 Budget - \$348,630 Spent - \$ 278,734

Town Action (s) Required:

- Continue to support consultants' investigations of operations and data gathering at Surfside WWTF for the infiltration bed analysis

225139 CWMP Update

Progress

Last Month:

- Continued with CWMP Update report writing
- Continued working with SMAST on 2103 Water Quality Monitoring Program Continue working with SMAST on completion of Hummock Pond MEP Study-late August.
- Coordinated CY2014 State Revolving Fund (SRF) applications
- Continued to support SPWG
- Flows and loads completed

- Conducted field inspection of Nantucket Harbor Watershed to identify potential stormwater best management practices which could be used to reduce nutrient loading as part of the overall recommended nutrient removal plan

This Month:

- Continue with CWMP Update report writing
- Continue coordination with Board of Health
 - Septage Management Plan – Pumping Program
 - Tight Tank Policy
 - ACO Process – Expansion potential
- Continue coordination with Natural Resources Department
 - Fertilizer
 - Annual Water Quality Program
- Review TMDL plans
 - Hummock Pond MEP Completion
 - Additional Model Run Scenarios
- Evaluate On-Site, I/A and WWTF options
- Begin WWTF Energy Study
- Amendment No. 1 approved – Public Outreach

Schedule Projected completion date – December 2013

Financial Budget - \$571,000 Spent: \$ 333,162

Town Action (s) Required:

- SPWG to begin contemplating funding for CWMP Update Recommended Plan.

226494 Jetties Support Update

Progress

Last Month:

- Continued coordination with Army Corps of Engineers (ACOE)
 - Survey in Nantucket Harbor on-going

This Month:

- Continue with ACOE Coordination
 - Survey completion due early fall 2013
- Continue coordination with Dave Fronzuto for local conditions

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Schedule Projected completion date – fall 2014 (Jetties reconstruction. W&C to continue oversight for project duration))

Financial Budget - \$20,000 Spent: \$ 17,959

Town Action (s) Required:

- None at this time

225140 Phase IIB Sewer and Water Main Rehabilitation Project

Progress **Last Month:**

- Project on hold for summer.
- Managing paperwork associated with Contractor Payment Requests and State Funding (SRF) Loan Drawdowns.
- Prepared proposed construction schedule

This Month:

- Schedule meetings for September with impacted businesses, Steamship Authority and various Town Administration entities.
- Finalize construction schedule

Schedule Projected completion date – October 2014

Financial Engineering Budget - \$921,700 Spent - \$570,513
Construction Bid - \$3,494,320.87 Spent - \$ 1,883,236

Town Action (s) Required:

- Review proposed construction schedule

225839 Surfside WWTF Assessment and Upgrades

Progress **Last Month:**

- Received Corrosion Control Study from sub-consultant
- Began assessment and calculations for Headworks upgrades
- Worked with Operators to optimize some of the processes at the treatment plant
- Conducted Vector Truck Unloading Alternatives

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This Month:

- Continue assessment and calculations for Headworks upgrades
- Begin Aeration Header alternatives assessment

Schedule Projected completion date – December 2014

Financial Budget - \$110,000 Spent - \$51,162.67

Town Action (s) Required:

- Continue to provide support to the Consultant for access to the WWTF and records.

What to look for this month:

- Preliminary meetings for Phase IIB to begin second season of sewer and water replacement in Downtown area.