



Monthly Update

MARCH 12, 2014

Projects

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

Progress

Last Month:

- Continued communication with GSA and Town Appraisers
- Waiting for MassDEP response to Groundwater Discharge Permit Modification and Hydrogeological evaluation for additional loading to Surfside Discharge Beds
- Prepared cost estimates for additional aeration and modifications to nitrate recycle system.
- Coordinated with Surfside Operations Staff and made the decision to proceed without the additional process data. Surfside staff does not have the resources at this time to gather the data.
- Finalized capacity assessment memo.

This Month:

- Provide capacity assessment memo with findings and recommendations for Town to review

Schedule Projected completion date – March 2014.

Financial Phase 1 Budget - \$348,630 Spent - \$ 341,221

Town Action (s) Required:

- Set meeting with GSA and Town Appraiser on FAA site
- Review and provide comments on the capacity assessment memo.

225139 CWMP Update

Progress

Last Month:

- Filed BRP WP 83 – Hydrogeological Evaluation for Surfside beds to support additional loading

- Filed BRP WP 11- Surfside Groundwater Discharge Permit Modification to support additional loading
- Held SMAST Public Meeting to present results of Hummock Pond MEP Draft
- Continued to work with SMAST on model runs in Nantucket Harbor
- Reviewed Draft Stormwater Plan for Nantucket Harbor with DPW
- Reviewed of Draft Public Outreach Plan for Fall/Winter 2013 with DPW Director
- Continued with report compilation
- Continued To evaluate energy efficiency measures.
- Reviewed Flows and Loads with DPW Director
- Reviewed EDUs for each Needs Area with DPW Director

This Month:

- Continue to compile and review draft report sections
- Develop cost benefit estimates for Energy Efficiency Study and provide memo for Town review
- Run additional models for Nantucket and Polpis Harbor with SMAST
- Review Fertilizer Regulation and impact in Nantucket Harbor Watershed For TMDLs as well as overall Town In Nitrogen sensitive areas
- Finalize Hummock Pond MEP
- Set meeting with GSA and Town Appraiser in Boston for protocol set
- Meet with Town to discuss CWMP implementation and public outreach

Schedule Projected completion date – July 2014

Financial Budget - \$616,000 Spent: \$ 494,400.73

Town Action (s) Required:

- Review and provide comments on the Energy Efficiency Study memo.
- Participate in GSA and Town Appraiser Meeting
- Town approve amendment for 2014 Town-wide Annual Water Quality Testing Program with SMAST (based on 2012 contract)

226494 Jetties Support Update

Progress

Last Month:

- All Activities on hold until further budgets are approved

This Month:

- Prepare agenda for meeting with Town, SSA and Hyline to discuss construction scheduling in late October, early November 2014

- Coordinate With ACOE on Design Schedule

Schedule Projected Jetties Reconstruction Bid-Winter 2014
 Projected Contractor Bid Award early May 2014.

Financial Budget - \$20,000 Spent: \$ 18,586

Town Action (s) Required:

- Meet with Town to discuss further jetties support

224428 Miacomet Pond Watershed Study

Progress

Last Month:

- Prepared draft watershed delineation plan
- Prepared draft land use plan
- Prepared draft soils map
- Began analysis of land use changes between current and 1990's
- Conducted field visit
- Visited island to interview stakeholders including Richard Ray and Dave Fronzuto, meet with Planning and review Planning Board's documents, and conduct additional verification of locations within watershed. Original meetings were canceled in January and February due to winter storm.

This Month:

- Compile information obtained for Planning Department
- Finalize watershed delineation
- Conduct interview with owner on Allen Lane
- Complete analysis of land use changes

Schedule Projected completion date – May 2014. Date extended due to weather impacting field investigations and to ensure time to meet with stakeholders.

Financial Engineering Budget - \$125,800 Spent - \$19,839

Town Action (s) Required:

- None at this time

225140 Phase IIB Sewer and Water Main Rehabilitation Project

Progress **Last Month:**

- Project outreach performed to communicate to business and residents regarding upcoming Broad Street construction.
- Dewatering effort began on Broad Street, and traffic was diverted through truck lane during construction between Easy Street and South Water Street.
- Water construction was completed on lower Broad Street up to South Beach Street.

This Month:

- Sewer construction will begin on Broad Street at intersection with South Beach Street, and move toward North Water Street.
- Construction will include replacement of sewer, storm, and water infrastructure. Roadway shutdowns will be required. Residents and businesses advised to seek alternate routes.

Schedule Projected completion date – October 2014

Financial Engineering Budget - \$1,070,720 Spent - \$726,260
Construction Bid - \$3,504,911 (including change orders executed), Spent - \$3,372,327

Town Action (s) Required:

- Work with Woodard & Curran to coordinate with local businesses and residents during construction
- Provide support as needed in field for utility identification

225839 Surfside WWTF Assessment and Upgrades

Progress **Last Month:**

- Prepared cost estimate for installation of screening.

This Month

- Provide memo on screenings assessment for Town review.
- Develop plan for additional operational assistance to pilot running the plant with one train of the advanced treatment system off-line.

Schedule Projected completion date – December 2014

Financial Budget - \$110,000 Spent -\$100,000

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Town Action (s) Required: None

- Review and provide comment on the screenings assessment memo

What to look for this month:

- Construction on Phase II B Water, Sewer and Drainage work on Broad Street