

**FY 2017 Wastewater Warrant Budget Estimates**  
**November 2016-June 2017**  
**Draft for Discussion: August 24, 2016 (Updated August 24, 2016)**

Task	Task Description	FY17 Approved Jul - Oct Budget	FY17 - November 2016 - June 2017 Estimate		Total FY17 Budget	FY17 Original - Full Year Budget	Difference in Revised FY17 Full-Year Budget
			Budget	Comments & Assumptions			
<b>1</b>	<b>Continued Planning and Engineering</b>						
1.a	Treatment & Disposal Site Investigations	\$ 15,000	\$ 325,000	1. GeoHydro at Site 1/1A and 1 Downtown Site required for only Downtown WWTF discharge 2. ODC's for hydrogeologic services for disposal sites 3. No land acquisition costs in FY17 4. Delay MHP WWTF and Disposal Sites Studies.	340,000	\$ 102,000	\$ 238,000
1.b	Demonstration Projects - Design & Implementation	\$ 431,000	\$ 1,455,100	<b>Shellfish/Aquaculture</b> 1. Lonnie Pond - Continuation and Expansion (\$580,000) 2. Quanset baseline, design & construction (\$135,000) 3. Existing Grant Expansion (\$60,000) 4. Town Cove Quahog Inventory (\$145,000) <b>PRBs</b> 1. Eldredge Park - Continuation (\$120,000) 2. Landfill PRB - Evaluation and Analysis (\$450,000) <b>NRB</b> 1. Technology Development and Piloting 4 Sites (\$85,000)	1,886,100	\$ 1,106,000	\$ 780,100
1.c	Facilities Engineering	\$ 31,500	\$ 890,000	1. Downtown WWTF and Collection Systems Preliminary Design Report (25%) - Topographic Survey; Subsurface Investigation; Cultural Resource Evaluation; Update Collection System Type Evaluation and Preliminary System Configuration; Update WWTF Process Selection; Design Data; and Update Program Cost Estimate. 2. Meetinghouse Pond design delayed pending NT projects and MEP study updates.	921,500	\$ 552,000	\$ 369,500
1.d	WWTF or Septage Facility Construction	\$ -	\$ -	TBD	-		
1.e	Tri-Town Transition Requirements	\$ -	\$ -	TTSTF transition requirements included in separate design/demolition contracts with Town	-		
1.f	Regulatory Coordination	\$ 5,000	\$ 22,000	Project level coordination with MassDEP, CCC, MEPA, Natural Heritage, DMF & others.	27,000	\$ 27,000	\$ -
1.g	Meetinghouse Pond Utility Survey	\$ -	\$ -	Survey to be included in Meetinghouse Pond pre-design work in FY 2019	-		
1.h	Update of Amended CWMP	\$ -	\$ 40,500	Continued coordination of ACWMP with MassDEP, CCC, and MEPA; Ancillary environmental studies.	40,500	\$ 40,500	\$ -
	<b>Sub-Total:</b>	<b>\$ 482,500</b>	<b>\$ 2,732,600</b>		<b>3,215,100</b>	<b>\$ 1,827,500</b>	<b>1,387,600</b>
<b>2</b>	<b>Adaptive Management Implementation</b>						
2.a	Water Quality Monitoring: MEP compliance	\$ 18,000	\$ 146,500	SMAST WQ monitoring support for MEP remodeling in 2020; Initiate 1st year (CY2017) field water quality monitoring support. Re-modeling to occur in 2019 with 3-years of data collection completed.	164,500	\$ 100,000	\$ 64,500
2.b	Water Quality Monitoring: Project Baselines	\$ 36,000	\$ 145,000	SMAST support of NT Demonstration Projects and Baseline Monitoring.	181,000	\$ 180,000	\$ 1,000
2.c	MEP Study & Report Updates	\$ 4,000	\$ 20,000	Interim MEP model update in CY2017 to check Town Cove and Pleasant Bay nitrogen status.	24,000	\$ 16,000	\$ 8,000
2.d	Namskaket & Little Namskaket Adaptive Plans	\$ -	\$ 37,000	FY 2017 Task.	37,000	\$ 43,000	\$ (6,000)
2.e	Stormwater & Fertilizer Management	\$ -	\$ 4,000	Work with Town and stormwater consultant to integrate stormwater project planning by others into CWMP Amendment plan for stormwater credit.	4,000	\$ 4,000	\$ -
2.f	Cedar Pond & Rock Harbor Creek Resolution	\$ 49,000	\$ 24,000	SMAST continued support of Cedar Creek resolution and Rock Harbor Creek compliance/UAA plan.	73,000	\$ 10,000	\$ 63,000
2.g	Freshwater Ponds Management Plan	\$ -	\$ 44,000	Update of ponds WQ data base and development of freshwater pond management plan for FY 2018 implementation.	44,000		\$ 44,000
	<b>Sub-Total:</b>	<b>\$ 107,000</b>	<b>\$ 420,500</b>		<b>527,500</b>	<b>\$ 353,000</b>	<b>174,500</b>
<b>3</b>	<b>Program Management</b>						
3.a	Technical Oversight & Program Management	\$ 63,500	\$ 96,500	Overall program management; Engineering management; NT project management; Funding support (SRF, demonstration project and other) coordination; Coordination with BOS, Town departments and stakeholder groups.	160,000	\$ 160,000	\$ -
3.b	Public Engagement Coordination	\$ 15,000	\$ 120,000	Increased Public Engagement/Public Education: 1. OWQAP Meetings 2. Stakeholder Workshops 3. NT Project Workgroups 4. Frequent Status Reports	135,000		\$ 135,000
3.c	P3 Development & Financial Analyses	\$ 23,500	\$ 100,000	User rates options evaluation; Affordability evaluations; debt management options; funding assistance: 1. Parcel Based Analysis 2. Refine Model for Various User Rates 3. Refine Model for Zoning Changes 4. Develop Model User Interface 5. Perform Additional Affordability Evaluations	123,500	\$ 28,000	\$ 95,500
3.d	Regulatory Coordination	\$ -	\$ 37,400	Overall program coordination with CCC, MassDEP, and MEPA.	37,400	\$ 37,400	\$ -
	<b>Sub-Total:</b>	<b>\$ 102,000</b>	<b>\$ 353,900</b>		<b>455,900</b>	<b>\$ 225,400</b>	<b>230,500</b>

<b>Total Requested Budget (November 2016 - June 2017):</b>	<b>\$ 691,500</b>	<b>\$ 3,507,000</b>	<b>4,198,500</b>	<b>\$ 2,405,900</b>	<b>1,792,600</b>
<b>Approved Budget (July - October 2016):</b>	<b>\$ 691,500</b>				
<b>Total Revised FY 2017 Full-Year Budget:</b>		<b>\$ 4,198,500</b>			
<b>Original FY 2017 Proposed Full-Year Budget:</b>		<b>\$ 2,405,900</b>			
<b>Difference:</b>		<b>\$ 1,792,600</b>			