

MINUTES SELECTMEN'S MEETING MULTI-PURPOSE ROOM, HARWICH COMMUNITY CENTER JOINT MEETING WITH WASTEWATER IMPLEMENTATION COMMITTEE WEDNESDAY, JUNE 17, 2015 6:00 P.M.

SELECTMEN PRESENT: Cebula, Hughes, LaMantia, MacAskill

OTHERS PRESENT: David Young, Peter DeBakker, and others.

PUBLIC HEARINGS/PRESENTATIONS

The following items were discussed. The attached Power Point presentation was delivered. No action or votes were taken.

- A. Workshop Comprehensive Wastewater Management Plan
 - 1. History of Wastewater in the Town
 - 2. Where we are Today
 - 3. Needs for the Future
 - 4. Questions and Answers
- B. Public Hearing Cost Recovery Model Wastewater Implementation

ADJOURNMENT

Submitted by,

Ann Steidel Recording Secretary























9/2/2015























- 2. Parcel Size Greater than 5 Acres
- 3. Outside of a 100-Year Floodplain Zone
- 4. Sites With Permeable Soils
- 5. Undeveloped Property
- 6. Parcels Outside of Wetlands
- 7. Favorable Depth to Groundwater
- 8. Outside Priority Habitat
- 9. Outside Municipal Wellhead Protection Zones
- 10. Town-Owned Property



Alternative Solutions Evaluated



- On-site Innovative/ Alternative (I/A) systems
- Small treatment plants
- Large treatment plants
- Single and multiple treatment plants
- Singled and multiple effluent recharge locationsOcean outfall for effluent recharge
- Natural nitrogen attenuation systems
- Hybrid solutions

	and Effluent Recharge Sites							
Wastewater Service	Herring River Recharge Site	Saquatucket Harbor Recharge Site	Pleasant Bay Recharge Site	Outside MEP Watershed Recharge Site	Treatment On At HR-18 : Ocean Used fo Recharge			
Scenario	HR-12	SH-2	PB-3	OW-2	Outfall			
1A	×	×	×					
2A	×	×	x					
3A	X							
4A	x		×					
5A	×		×					
6A	×	x	×	×				
7A	×	×	x	×				
8A					×			





















9/2/2015

























Recommended WIC Cost Recovery Model Components



Infrastructure investment fund Town-wide property tax

Sewer enterprise account/ water use surcharge

Pro: Town-wide program dedicated to wastewater infrastructure.

Infrastructure Investment Fund

- Pro: Progressive and doesn't count against Prop 2.5
- Pro: Could shift percentage away from existing CPA program (no net increase).
- Pro: Tax deductible.
- Con: In essence, an additional tax.
- Con: Still have to pay off land bank

Town-wide Property Tax



Pro: Town-wide funding source as all property owners

- contribute to water quality degradation (and solution). • Pro: Simple to implement.
- Pro: Property tax system is progressive and aligns with property owner's ability to pay fair share.
- Pro: Could be used to pay capital and O&M costs.
- Con: All property owners will pay even though only half of town projected to be on a sewer.
- Con: Property owner nitrogen contributions are not proportional to assessed values.





Harwi

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- Pro: Town-wide funding source dedicated to wastewater program (based on surcharge to water bill).
- Pro: Water use essentially proportional to amount of nitrogen contributed.
- Pro: Can be used to pay capital and O&M costs.
- Con: Requires formation of sewer district and enterprise account.
- Con: Requires means to capture fee from 250 residences using on-site wells.



Harwich Cost Assumptions

- Average home assessed value is \$400,000.
- FY15 property tax revenue \$47 million and will increase at 2.5 % annually.
- Tax rate for FY15 is \$8.97/ \$1,000 valuation.
- Average homeowner water consumption is 70,000 gallons per year.
- Used 638 Million gallons average annual water volume billed to calculate average water rate.
- Highest debt service is in Year 2026

CON.

Costs to Homeowner on Sew	er	Water Quality	
Infrastructure investment fund	\$54	Harwich	
Property tax increase	\$133		
Sewer enterprise cost	\$57		
Total	\$ 244		
 Plus initial hook-up loan cost 			-
Plus annual O&M cost initially estimated to be	\$145-\$:	175	
CDM Smith			_









Action Item



 Town needs to adopt a policy for cost recovery to implement the first phases of their recommended wastewater program so that it can be included in the filing of the Final Comprehensive Wastewater Management Plan (CWMP). That is the only missing component before re-filing the documents with the State and County. Goal is to do that this summer.

Potential Motion • The Harwich Board of Selectmen endorse a cost recovery policy for wastewater program implementation that utilizes the combination of town wide property taxes, an infrastructure investment fund and a sewer enterprise account based on water consumption. Where appropriate, grant funds will be applied for and if awarded will be used to offset costs as applicable.



