

## WWMDC Agenda for 19 May 2011

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- 7:30 – Public comment
- ➔ 7:40 – Update on construction of new treatment plant
- 7:55 – ~~Ralph Wegener – discussion of user fees~~ **Delay until 8 June**
- 8:15 – Twenty Wayland – discussion of user fees
- 8:50 – Twenty Wayland – Construction/Reimbursement Agreement
- 9:15 - Hearing June 8, 2011 on user fees and water conservation
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## Wayland, Massachusetts

### WWTP Construction Update

May 19, 2011

Presented By:

**Ian Catlow, P.E.**, Project Manager

## Progress Work



Wall Pour In Progress



Steel & Form Work



Quality Control Testing



Steel Prior to Inspection

Tighe&Bond

## Schedule and Risks

### ■ Schedule

- Project on Schedule
- Weeks 1-4
  - » Set Elevated Slab Steel
  - » Pour Slab Concrete
- Weeks 5-8
  - » Wall Masonry
  - » Site Work
  - » Metal Stairs

### ■ Construction Risks

- Emergency Generator
  - » Fire Rated Enclosure Required
- Bathroom
  - » Applying for Plumbing Board Variance to Allow Single Bathroom

Tighe&Bond

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## Wayland Wastewater Management District Costs

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Treatment plant costs	2008	2009	2010
1. Fixed costs	actual	actual	budgeted
Professional services	\$89,849	\$99,115	\$41,283
Debt service	\$29,167	\$28,919	\$29,000
Electricity	\$20,634	\$49,715	\$22,749
Capital	\$12,770	\$15,000	\$20,000
Minor Maintenance	\$4,426	\$7,171	\$1,625
Outside services	\$3,347		\$3,868
Phone, fax, alarm	\$2,560	\$2,600	\$2,822
Office supplies	\$820	\$1,000	\$904
TOTAL	\$163,573	\$203,520	\$122,251
2. Variable costs (variable with flow)			
Lab supplies and service	\$13,845	\$14,000	\$1,000
Sludge removal	\$6,375	\$7,013	\$7,714
Chemicals	\$4,875	\$5,119	\$5,375
TOTAL	\$25,095	\$26,131	\$14,088
Interest on borrowing	\$0	\$0	\$50,000
Grand Total	\$188,668	\$229,651	\$186,340
Fixed costs as % of grand total	86.70%	88.62%	89.67%

- Use of charging 80% of operating cost based on capacity (fixed costs) is substantiated based on treatment plant costs detailed here.

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## Construction/Reimbursement Agreement

- **Section 2 discusses the circumstance in which the Town Center is not built and the office building remains.**
  - In this case, the WWMDC is being asked to pay up to \$150k to the Developer in order to connect the existing office buildings up to the new WWTP.
- **Section 3 discusses the connection of utilities to the new WWTP under two different circumstances.**
  - If the new TC infrastructure is ready, then the WWMDC is liable for costs to connect the new WWTP.
  - If the new WWTP is ready earlier, then the WWMDC is liable for the cost of altering the utilities.
- **Section 4, the long section, considers the case where the TC proceeds and 20W installs the redesigned pumping system**
  - \$14k for design + \$25k for construction.
  - WWMDC to pay Raytheon up to \$50k for their costs incurred during the connection process.
- **Section 5 has to do with insurance.**
- **The other sections seem to be procedural matters.**

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## Factors Affecting FY2012 WWMDC Budget

- Operating costs continue to be less with new contractor (Whitewater)
- Original betterments continue
- Borrowing for new Waste Water Treatment Facility completed
  - Finance Director deemed the borrowing climate best
  - WWMDC agrees to borrow for 20 years
  - New betterments cannot be charged until WWTF completed
  - Certified retained earnings applied as budget offset
  - Surcharge for FY2012 required
- Bottom line
  - Operating cost will be greater for FY2012
  - Effectively, payments for the new WWTF start in FY2012
- Mitigation
  - For next couple years, more retained earnings will be used to offset betterment cost
- Town Meeting passed budget for FY2012 (see next slide)

## Wayland Wastewater Management District FY2012

WAYLAND WASTEWATER MANAGEMENT DISTRICT COMMISSION			
FY2012 BUDGET			
INCOME	Account	Approved FY2011	Requested FY2012
<b>CATEGORY</b>			
Receipts	42105	232,170.00	203,210.00
Old betterment			
Principal	47501	24,180.00	24,180.00
Interest	47502	12,090.00	10,881.00
New betterment			
Principal	47501		
Interest	47502		
Bank interest	48210	8,400.00	2,400.00
Retained Earnings			200,000.00
Surcharge			120,504.00
Penalties	41750	1,500.00	
<b>Total</b>		<b>278,340.00</b>	<b>561,175.00</b>
<b>Expenses</b>			
Prof. Services	52101	70,000.00	70,000.00
Operating expenses	52151	68,000.00	68,000.00
Maint./repair	52115	10,000.00	10,000.00
Capital enpenses	58504	0.00	0.00
Old debt			
Principal	59100	25,990.00	23,518.00
Interest	59150	4,350.00	6,657.00
New debt			
Principal	59100		175,000.00
Interest	59105	100,000.00	208,000.00
Other			
<b>Total</b>		<b>278,340.00</b>	<b>561,175.00</b>

10% decrease in operating cost

Continuing original betterments

Use of certified retained earnings

Required surcharge due to new loan interest and principal

First year of principal and interest for new WWTP bond

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## Tentative Agenda for 2011 June 8 Hearing

- **Status of WWMD funds**
- **Loan for new Waste Water Treatment Facility (WWTF)**
- **Next year's budget**
- **Users' fees and surcharge for FY2012**
- **Look ahead to FY2013-FY2015**
- **Future**

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