

Agenda

- **7:30 – Public comment**
- **7:40 – Construction update, contractor invoices, T & B invoices, construction budget, schedule**
- **8:10 – Approval of old minutes and July minutes**
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Minutes to Approve

- **2011-07-13**
- **2010-08-11**
- **2010-06-22**
- **2010-06-09**
- **2010-05-11**

- **Further revision of 2011-07-13**
 - **Add**
 - **The WWMD C admits that it did not comply with the requirements of the Open Meeting Law in failing to give timely public notice of its anticipated executive session to discuss strategy with respect to potential litigation by Twenty Wayland, LLC.**
 - **Fix**
 - **Complaint only to WWMD C, not Attorney General**
 - **Distribute**
 - **After all revisions are made, please send the final to Mark Lanza**

Factors Affecting FY2012 WWMDC Budget

- **Operating costs continue to be less with new contractor (Whitewater)**
 - Savings of 10% over last year
- **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**
 - Fees (operating cost + surcharge) 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
CATEGORY			
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	
Total		278,340.00	561,175.00
Expenses			
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 expenses	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			
Total		278,340.00	561,175.00
William R. Prendergast			
February 10, 2011			

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

User Fees and Surcharge for FY2012

- Operating expenses will be 10% less than this year (FY2011)
- However, a surcharge is needed, so total fees for FY2012 will be more than FY2011.
 - ~60% increase
 - Think of this as the beginning of payments for the new WWTF
 - You are starting to pay for a long-term upgrade of the Waste Water Management District (WWMD)
 - A hearing on the surcharge will be held
 - 7 Sep 2011 at 7:30 at the Town Building
- Tonight we show operating expenses for FY2012

Budgeted user fees:		Comments
total to raise	\$203,210	Operating budget passed at annual town meeting
total capacity (gpd)	76,787	Aggregate Title V capacity for all users
total water usage (gpd)	11017	For all users
capacity %	80%	Fraction of bill based on assigned capacity
water usage %	20%	Fraction of bill based on flow using winter water usage
PenaltyFactor	300%	Multiplier for usage charge of flow above 50% of capacity
CapacityRate (\$/gpd)	\$2.12	CapacityRate: annual cost per gpd capacity
FlowRate (\$/gpd)	\$2.47	FlowRate: annual cost per gpd water usage below 50% of capacity
PenaltyRate (\$/gpd)	\$7.42	PenaltyRate: annual cost per gpd for water usage over 50%

Operating Fees for FY2012

	ADDRE SS	Capacity (gpd)	Winter water 2011	excess water usage (>50% capacity)	Connec ted?	Collect ing?	Annual Fees Current Method
	TOTAL	76787	11017	2708.3	31	41	\$203,210
Public Safety	38 BPR	1100	301	0.0	1		\$3,073
George Parada	231 BPR	200	107	7.0	1		\$723
Carapezza	233 BPR	600	486	186.0	1		\$3,392
Bensons	234 BPR	1000	379	0.0	1		\$3,054
Jonathan Buchman	241 BPR	880	114	0.0	1		\$2,145
NYNEX	244 BPR	283	10	0.0	1		\$624
Ulbrich	264 BPR	200	10	0.0	1		\$448
Vacant Lot-Town	267 BPR	310	39	0.0	1		\$753
Shep Mobil	268 BPR	400	29	0.0	0		\$919
Shepard House	274 BPR	330	49	0.0	0		\$820
U S Post Office	277 BPR	424	146	0.0	1		\$1,259
FLEET BANK	289 BPR	266	29	0.0	0		\$635
Somerbys	292 BPR	800	485	85.0	1		\$3,314
Wegner-kabloom	298 BPR	150	146	71.0	1		\$1,030
Wegner-cleaners	298 BPR	150	185	110.0	1		\$1,319
Poisson Wegner-Prudenti	300 BPR	342	58	0.0	0		\$867
304 B P LLC	304 BPR	200	39	0.0	1		\$520
311 B P TRUST	311 BPR	600	525	225.0	1		\$3,682
Mehrez-Bread & Circus	317 BPR	4000	3682	1682.0	1		\$25,894
SOVERIGN BANK	326 BPR	332	29	0.0	0		\$775
Starmer-Minimart	334 BPR	200	68	0.0			\$592
Starmer-pizza	336 BPR	1200	87	0.0	1		\$2,756
Starmer	338 BPR	325	117	0.0	1		\$977
Ralph Osmond	364 BPR	200	194	94.0	1		\$1,368
Russell House	372 BPR	330	158	0.0	1		\$1,089
Russells	397 BPR	2923	877	0.0	1		\$8,357
Congress Group	400 BPR	45,000	0	0.0	1		\$95,271
State Road Auto	292R BPR	200	68	0.0	1		\$592
Nails/Olgas-KOSIVAS	310A BPR	107.5	29	0.0	1		\$299
KOSIVAS	310B BPR	107.5	58	4.3	1		\$392
Collins	21 Coch	257	49	0.0	0		\$665
Thomas Duffy	25 Coch	200	78	0.0	1		\$616
Secore	30 Coch	330	90	0.0	1		\$921
LIN, PEI HUI	31 Coch	260	136	6.0	1		\$916
Town Hall	41 Coch	3000	1057	0.0	0		\$8,965
Phoenix Vet.	9 PIR	300	58	0.0	1		\$779
Kaplan, Leno & Mccarthy	13 PIR	200	19	0.0	0		\$470
D'ALLEVA Cont Hair	19 PIR	1000	738	238.0	1		\$5,119
Tim Skehan	101 PIR	440	144	0.0	1		\$1,288
Lew Russell	105 PIR	440	144	0.0	1		\$1,288
Wayland Meadows	Rte27	7200	0	0.0	0		\$15,243
	TOTAL	76,787	11,017	2708.3	31	41	203,210

Explanation: Public Safety building will be charged \$3,073 to be paid in 4 equal payments.

Note: These figures do not include the surcharge that will be assessed separately. A hearing on the surcharge will be held on 2011 Sep 7 at 7:30 pm at the Town Building.

24 August 2011

WWMDC

Surcharge for FY2012

	ADDRE SS	Surcharge	Capacity (gpd)	Collect capacity	Collect betterment?
	TOTAL	\$120,504	76787	72687	39
Public Safety	38 BPR	\$0	1100	0	0
George Parada	231 BPR	\$332	200	200	1
Carapezza	233 BPR	\$995	600	600	1
Bensons	234 BPR	\$1,658	1000	1000	1
Jonathan Buchman	241 BPR	\$1,459	880	880	1
NYNEX	244 BPR	\$469	283	283	1
Ulbrich	264 BPR	\$332	200	200	1
Vacant Lot-Town	267 BPR	\$514	310	310	1
Shep Mobil	268 BPR	\$663	400	400	1
Shepard House	274 BPR	\$547	330	330	1
U S Post Office	277 BPR	\$703	424	424	1
FLEET BANK	289 BPR	\$441	266	266	1
Somerbys	292 BPR	\$1,326	800	800	1
Wegner-kabloom	298 BPR	\$249	150	150	1
Wegner-cleaners	298 BPR	\$249	150	150	1
Poisson Wegner-Prudenti	300 BPR	\$567	342	342	1
304 B P LLC	304 BPR	\$332	200	200	1
311 B P TRUST	311 BPR	\$995	600	600	1
Mehrez-Bread & Circus	317 BPR	\$6,631	4000	4000	1
SOVERIGN BANK	326 BPR	\$550	332	332	1
Starmer-Minimart	334 BPR	\$332	200	200	1
Starmer-pizza	336 BPR	\$1,989	1200	1200	1
Starmer	338 BPR	\$539	325	325	1
Ralph Osmond	364 BPR	\$332	200	200	1
Russell House	372 BPR	\$547	330	330	1
Russells	397 BPR	\$4,846	2923	2923	1
Congress Group	400 BPR	\$74,603	45,000	45000	1
State Road Auto	292R BPR	\$332	200	200	1
Nails/Olgas-KOSIVAS	310A BPR	\$178	107.5	107.5	1
KOSIVAS	310B BPR	\$178	107.5	107.5	1
Collins	21 Coch	\$426	257	257	1
Thomas Duffy	25 Coch	\$332	200	200	1
Secore	30 Coch	\$547	330	330	1
LIN, PEI HUI	31 Coch	\$431	260	260	1
Town Hall	41 Coch	\$0	3000	0	0
Phoenix Vet.	9 PIR	\$497	300	300	1
Kaplan, Leno & Mccarthy	13 PIR	\$332	200	200	1
D'ALLEVA Cont Hair	19 PIR	\$1,658	1000	1000	1
Tim Skehan	101 PIR	\$729	440	440	1
Lew Russell	105 PIR	\$729	440	440	1
Wayland Meadows	Rte27	\$11,937	7200	7200	1
	TOTAL	\$120,504	76,787	72,687	39

Explanation: Public Safety
excluded from paying betterment
or surcharge.

Note: These figures do not
include the operating expenses
for FY2012.

	Surcharge FY2012
total to raise	\$120,504
total capacity	72,687
total water usage	11,017
capacity %	100%
water usage %	0%
PenaltyFactor	0%
capacityRate (\$/gpd) \$	1.66

Still to be determined:

1. Number of payments (presume
3 in Nov, Feb, May)
2. Hearing on this in 7 Sep 2011

24 August 2011


WWMDC

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Options for More Capacity

1. **Add outflow capacity using the closed Wayland-Sudbury Septage Facility.**
 - Costly due to crossing the Sudbury River. Requires vote at Wayland's Town Meeting.
2. **As a back-up provide for trucking of outflow from the new Waste Water Treatment Facility (WWTF) to remote facility.**
 - Very costly and only would be used in a temporary situation.
3. **Add outflow capacity via more surface water discharge via the Sudbury River.**
 - Requires new NPDES permit.
4. **Add more outflow capacity via ground water discharge north to conservation land called Cow Common.**
 - Requires Conservation Commission permission and is inside Zone II Wellhead Protection Area
5. **Add more outflow capacity via ground water discharge south to a new leaching field under playing fields near the Town Building.**
 - Uses existing area outside Zone II Wellhead Protection. Requires design that could be accomplished in two months. See figure 1.

Option 5



Recommendation

- **Allow the chair to write to DEP to request that DEP advise whether it is willing to expedite review of the permit application, and if a groundwater discharge permit is granted, it would release the remaining 17,000 gpd requested by Twenty Wayland in its sewer connection permit based on the availability of an alternative, additional discharge location.**
- **Then have the WWMDC consider design fees for leaching field for groundwater discharge at the Town Building.**

Back-up

Look ahead to FY2013-FY2015

- **New betterments will start in FY2013**
- **Betterments will be paid over 20 years**
- **In first few years, retained earnings will be used to offset betterments**
 - **Actual amounts will be determined next year.**
 - **The WWMD C will solicit input.**
 - **The WWMD C will hold a hearing in January 2012.**

Future

- **New Waste Water Treatment Facility will serve users for long time, certainly 30-40 years.**
- **The new WWTF is costly but an investment that was necessary.**
- **The WWMDC will continue to work to minimize the impact on users.**

Wayland Wastewater Management District Costs

Treatment plant costs			2008	2009	2010	Notes for 2010
1	costs due to capacity					
	Professional services		\$89,849	\$99,115	\$41,283	from WW proposal
	Debt service		\$29,167	\$28,919	\$29,000	Constant
	Light/heat Electricity	50%	\$10,317	\$24,858	\$11,374	assume 5%/yr inflation from 2008
	Capital		\$12,770	\$15,000	\$20,000	assume increased amount for parts
	Minor Maintenance		\$4,426	\$7,171	\$1,625	from WW proposal
	Outside services		\$3,347		\$3,868	from WW proposal
	Phone, fax, alarm		\$2,560	\$2,600	\$2,822	assume 5%/yr inflation from 2008
	Office supplies		\$820	\$1,000	\$904	assume 5%/yr inflation from 2008
	Interest on borrowing		\$0	\$0	\$50,000	\$1M borrowed by Mike DiPietro
	TOTAL		\$153,256	\$178,663	\$160,877	
2	costs variable with flow					
	Pumping electricity	50%	\$10,317	\$24,858	\$11,374	
	Lab supplies and service		\$13,845	\$14,000	\$1,000	from WW proposal
	Sludge removal		\$6,375	\$7,013	\$7,714	assume 10%/yr inflation from 2008
	Chemicals		\$4,875	\$5,119	\$5,375	assume 5%/yr inflation from 2008
	TOTAL		\$35,412	\$50,989	\$25,463	
	Grand Total		\$188,668	\$229,651	\$186,340	
	1. as % of grand total		81%	78%	86%	
	Electricity total	split	\$20,634	\$49,715	\$22,749	

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