# WAYLAND WASTEWATER MANAGEMENT DISTRICT COMMISSION MEETING OF 26 SEPTEMBER 2017

In Attendance:

Fred Knight, Rick Greene and Jane Capasso.

Absent:

**Guests:** 

Paul Brinkman, Town Engineer, Chris Hayward, Joe Malloy and Dave

Boucher of WhiteWater, Uday Virkud and Annette Lewis

Meeting Location: 7:30 pm Wayland Town Building

## **MINUTES**

Note: Items may not be discussed in the order listed or at the specific time. Times are approximate.

7:35 1. Call to order

7:35 2. Public comment – None

7:35 3. Review status of transfer of land and design flow from Wayland Meadows to Conservation Commission (land only) and to BoS (design flow only) to be allocated to 5 Concord Road.

Fred: One of the two documents to close this deal was missing. The Board is resigning the agreement between the Board of Selectmen and the Wastewater Management District Commission (WWMDC). The lawyers are working on the land transfer, which they have a few more questions to resolve. The WWMDC will get \$52,291 from the town as a paid in lieu of betterment for the design flow for the library. Jane will let Nan know that Sam Potter's name is listed as a signer on the agreement.

7:40 4. Discussion with Whitewater team and Town Engineer on status of the WWTF. This is an annual review of WWTF operation. There is a little under 1 year left on the 3-year operation contract, and the discussion will focus on the past year's performance and expectations for the next year.

Paul: To be in Compliance with the NPDES Permit can the Discharge Monitoring Report come in ahead of the due date of the 15<sup>th</sup> each month? Dave lab reports come in slow, but he will look into this.

Wet Testing (Toxicity Report) is what is discharged to the Sudbury River. Dave: Technically the test is done in August with the report due in October. WWMD is only required to do this annually. Quarterly, Jane will enter a NODI code indicating this is not due.

Dave: Phosphorous is measured daily, but the equipment is not as accurate as a lab. The alum flow can be adjusted daily to keep phosphorous within limits. They don't know if the results are high until they come in. Fred: We are 3 months in default. Dave: Historically we have been in compliance and the test has a strict result with a really low limits. The phosphorous problem is due to the alum pump not being able to the distribute alum the way it should. Paul: It took 10 weeks to repair this and there should be better communication with the WWMDC and the Town Engineer, who has a wastewater background and can help with the process. Chris: There was an electrical problem where the PLC kept shutting down at night. It would be reset periodically and when they came in and did their testing they would find the problem. Alum is now being dosed 24/7. Rick: What is the long term solution? Chris: We are consulting with Ovivo on the electronic glitch. The Tech will have to come out to fix this.

Rick: There is an ongoing theme of problems reoccurring at the Treatment Plant such as tank level alarms. Dave: We worked with Sam Porter to reduce the number of low level alarms; high level alarms were kept. Chris: The plant is a balancing act. Rick: Phosphorous is a notice of noncompliance with the EPA and the DEP is strict when there is a red flag. Chris: A work around has been done and the alum is fixed. The next step is a permanent solution to have an Ovivo tech find the problem and create a permanent solution.

Paul: Is it possible for the treatment plant to run on one train since the actual flow is half of what is allowed? Dave: Yes, it is possible in Wayland and we can look into this.

Rick: When reading the daily outflow, there are a number of days that the numbers are the same. Chris: There are two flow meters and the sum of the meters is used. The Operator should have been looking at both readings especially on the weekends. Chris will look into this and he can talk to Ovivo at the same time he calls about the alum. This does not cause a problem with the accuracy of the flows.

Paul: You have no remote access into the SCADA system. The Town is in the process of upgrading to a Fios line and then we can implement the remote access. Chris: Once that is established, we can have Ovivo come in to make sure the SCADA System and Fios work together. Paul: The SCADA guy for the Water Department is being asked to review the system.

Paul: I would like to be informed of repairs and the associated costs before they come in on invoices. Paul mentioned that a couple of the monthly costs have come in and he questions whether they are preventative maintenance and part of the contract.

Paul: Doors are all open inside treatment plant and the AC unit is on and blasting all day. He is aware that there is an HVAC issue. Chris: The AC unit is affected by the blowers. Paul: Knows an HVAC guy who can diagnose the problems. The AC unit should be shut off when no one is there. The HVAC issue needs to be addressed so the control panels, files and draws have the right ambient temperature to keep the humidity down and the equipment cool. Paul wants to resolve this.

Paul: The Treatment plant log says they are checking two pump stations. One is located near Stop & Shop and the second one located near the River Rock condominiums may not be the WWMDC's. Dave: We have been checking the second one without charging WWMDC. This was not part of the bid. Paul: We should research the deed and have the owner contract with WhiteWater for maintenance and payment. Dave: Hypothetically, if there is an emergency what do we do? Paul: We will figure this out and in the meantime WhiteWater will continue to manage the pump. Dave: What if sludge needs pumping? Paul: Give us one month to work on this. Rick: We need to put this on our agenda. Annette: Where is the permit for the 2<sup>nd</sup> tank? Chris: Plans must have been approved by the EPA.

Paul: We have been tracking sludge removal and it is high one month and then none. Jane: We recently received a bill to haul sludge and nothing was hauled. Chris: We pump grease and solids from the tank and the bottom of the pump stations. Pumping is done as needed for instance earlier this year we pumped the EQ tank solids and the grid chamber. Chris: Sometimes they dump 4,000 gallons and have to come back the next day to dump 4,000 again. Paul: There may be away to optimize trucking. Chris: For planned hauling we charge 12 cents per

gallon. Rick: We would like to see the reason for pumping sludge on the reports we receive. Chris: They will add this to the DMR cover page.

Paul: When something breaks down, such as the Wilo EQ Mixer, the WWMDC would like to have better control on the costs. We should improve communications on problems and expenses before the repair is made. Dave: The Wilo EQ pump was done under a quote and you receive a separate invoice. Jane: The bill came in with the quoted amount, but there were no bills attached. Dave: When we do a quote, you are agreeing to the amount listed and we do not send the exact bills. Paul: We want to have the actual bills attached to the quote and we will pay the total of the bills. In the future, Dave will do an estimate and attach all bills. Fred: Anytime Chris foresees WhiteWater spending \$1,000 they should contact Paul to review the issue and Fred for approval of the costs. Jane: Why are there two tech's doing most of the repair. Chris: This is for safety and the daily tech's don't have the skills to do technical work.

Paul: In the future there will be the Fios upgrade for the remote access SCADA System, remote safety camera's inside and out, ports on the outside of the building and maybe locks.

# WhiteWater's suggestions for FY18 expenses:

- 1) Chris: HVAC system is on a PM schedule. PM filter probably needs repair and air valves are maxed out. It is warmer in the summer than it should be. Dave: Annual PM's may be \$400. Paul can have a Town person do this. Another thing: One of the blowers failed because the suction manifold for air was undersized. When it rains, it sucked water in and destroyed the blower. Right now, all blowers are disconnected from the outside. Chris: Tighe and Bond could work on this. Rick: Blowers were disconnected due to a high pitch whining noise. Paul: This maybe a manifold or piping issue, which Paul will look into. Chris: This isn't a major problem. Rick: Would like to have this reviewed. Paul: Suggests we monitor the temperature over the winter and then next year assess the problem.
- 2) Chris: We carry chemicals (bleach) by hand once a quarter up and down the stairs. Because of the stairs they purchase bleach at a high rate of \$5 per gallon container. They would like to have an electric hoist added onto the outside of the building. This could also be used for changing out pumps and the UV system. They need 15-20 gallons of bleach per visit. Paul will look into this.

## FY19 Budget:

1) Chris: We may want to budget for a new odor control meter. This gets changed out every 5–10 years and it can be tested for free. The cost to do the change-out is a couple of thousand dollars. Also, a DS 500 is about \$8,000. Paul will look into this.

#### Future Expenses and Capital Items:

- 1) Chris: Membranes have a 10 year life. Paul: The life of our membranes may be longer since we are not pushing them with flow. The board should start thinking about this in about 3 years from now.
- 2) The two Submersible pumps near Stop & Shop and the one outside the plant at the drainage basin may need replacement in 3-5 years. Potential cost is 2 at \$5,000 and the drainage one may be less.

8:58 5. Status of WHS treatment facility and vote by Board of Health (BOH) to request an Executive Director.

The BOH felt the Wayland High School treatment facility is in need of oversight and a director should be hired to oversee the High School treatment facility and the WWMD. This is under discussion within the Town. Paul: the High School and the WWMD treatment facilities have a lot in common, Paul has toured both facilities and the High School needs more oversight.

#### 9:05 6. Paul Brinkman Activities:

A. Status of the Treatment Plant capital account and punch list.

Paul: The account has about \$200k that he is planning to use for upgrading the SCADA system and Fios line and security camera's. At this point, WhiteWater's ideas listed in number 4 above would be hard to implement with such short notice. The Town will pay the remaining portion of the debt service for the WWMD resulting in lower payments. The Order of Conditions is at a point where most of the items can be released. The outfall looks overgrown, but no landscaping is required. Drainage basins need mowing and maintaining. Paul will check with WhiteWater on who is does the mowing at the Town Center. Annette feels the contract says WhiteWater should be doing the mowing and maintaining the drainage basin.

B. Tata & Howard is doing the design and engineering for a new water main on Boston Post Road. Wastewater sewer line mark-outs will be done by Paul using current as built plans.

Paul will be creating tie cards as he does the mark-outs.

C. NPDES Permit – Status of EPA approval.

Paul: It is best to wait for the ruling from the EPA. The state won't renew this until it has decided WWMD's needs will not challenge the river. There are a lot of staffing changes at the EPA. Paul spoke to someone who is looking into this. What does WW have to prove if they want to add more flow to this discharge point? Paul: There are no standards for this. The increase from 52,000 to 78,000 gpd into the Sudbury river is controlled by NWRA. The river is not a natural flow.

D. Toxicity Report – Status on change from quarterly to annually.

WWMD is only required to do this annually. Quarterly, Jane will enter a NODI code indicating this is not due.

E. Who is responsible for the second pump station WhiteWater is managing?

Paul is working on this.

F. Status of hiring DigSafe, a company to do mark-outs and system maintenance and a contractor for emergencies.

Paul: WhiteWater does mark-outs and digging. He is researching this. After Special Town Meeting funds will be set aside for this.

9:16 7. Wastewater Rules and Regulations – Rick and Paul Brinkman will discuss possible changes.

Rick and Paul will talk after the meeting.

9:16 8. Discussion and vote on increasing allotment for Account Specialist from 19 to 25 hrs/wk and upgrading of job classification from N-3 to N-4. The increased cost is about \$10,000/year. This would take effect in FY2019. After a successful vote tonight, chair will be arguing for an increase of hours up to 25 hrs/wk and an upgrade from N-3 to N-4 classification to the Personnel Board on 16 October 2017. If this is successful, action will be taken for the FY2019 budget. Before this occurs, the WWMDC should approve the two requests for increased hours and new classification. Arguments in favor of this action are at the end of the agenda.

Fred: Will argue in front of the Personnel Board on Oct 16, 2017 that Jane is spending up to 3 extra hours per week on her regular duties and there are new things occurring all the time. Jane has no one to report to and takes on added responsibility. Fred feels this is a reasonable request. Rick: Appreciates Jane is taking on a lot more, but we are now receiving more support from the Town Engineering, which should relieve some of Jane's responsibilities. Paul: Is not sure how his interaction with Jane will change things and he is not opposed to this in principal. Jane: Paul is doing the engineering piece and she is doing her job as well as requests from Paul, which adds to her workload. Fred: A year ago he presented this to the Personnel Board and at that time they wanted more demonstration that there was an ongoing need, which we have demonstrated over the last two years. Rick would like to attend the Personnel board meeting. Fred: We should go in with a unified approach. Jane: Does the billing, budgeting, finance, handles emergencies and interacts with all levels of management/departments. Fred: Each position has a write-up, and we should look at this. Rick: Is there a degree specific to the grade level? Rick: Does not oppose the increase in hours. Fred: John Senchyshyn suggests we approve this two fold increase. Fred will talk to John to see if both board members can attend the Personnel Board meeting. Rick: We should have a write-up showing the change in classification. Jane will prepare a list of her duties.

9:51 9. Approve minutes from previous meetings—16 Aug 2017.

Fred made a motion to approve the August 16, 2017 minutes, Rick second the motion. Passed 2-0.

9:55 10. Pay Bills, monthly budget update, year-to-date finances, and monthly commitments.

Commitments signed. Monthly Operating budget reviewed and a motion was made by Rick to approve the monthly bills, Fred second the motion. Passed 2-0.

- 10:07 11. Other administrative items, if any:
  - A. Verizon Upgrade to Fios for Treatment Plant and Pump Station.

The IT Department is overseeing this project. There is no date for when the upgrade will begin.

B. Demand Bill, including a \$15 fee, for users with account balances over \$100. First letter was sent September 18, 2017. Should I call?

Board reviewed the list and said it is not necessary for Jane to make calls.

C. 21 Cochituate Road (Olde Collins Market) connected to the wastewater system on August 23, 2017. Paul oversaw this.

Paul: Inspected the connection and noticed the installer forgot a check valve, which was then installed.

- D. Update on the Health Department's Topics: 356 BPR, Wayland Foreign Motors; Update on who is responsible for filling out the SSO report (Sanitary Sewer Overflow) and control over condominiums that are zoned as 2 bedrooms being sold as 3 bedrooms.
  - 356 BPR has not pulled a permit or a connection application as of today's meeting.
  - SSO report Julia Junghanns, Health Department, feels someone from the WWMDC should be the one who fills out the report since there is a conflict of interest for the Health Department if they have to take legal action against any party. The Board assigned Jane the task of filling out the report. The user must also fill out the SSO report if the spill is found to be the user's responsibility. Julia suggested the WWMDC should inform all users via a formal communication of their responsibilities. Paul suggested that the WWMDC create a fact sheet for all users. The board will consider this.
- E. 11:05 PM: Two bedroom vs three bedroom Condominiums. Real Estate agents, on behalf of homeowners, are advertising three bedroom condominiums which are assessed and zoned as two bedroom units. Julia Junghanns has reached out to the Real Estate agents in the past and said it is up to the WWMDC to create a process to handle this. The board will discuss this in the future.
- 9:50 12. FY2019 draft budget to be approved by the Board tonight. FY19 Budget and Explanatory Statement of Change to be submitted by email to Beth Doucette on September 26, 2017.

Fred: WhiteWater's suggestions, above, will be considered for the FY19 Budget. The Board reviewed the FY19 Budget and decided that \$40,000 of expenses related to overages and emergencies will be paid from undesignated fund balance. This amount will carryover each year. Jane distributed an Estimated Betterment Payoff using Undesignated Retained Earnings (URE) Due to Betterment Shortfall (Operations Excluded) schedule showing in the future that the WWMDC will need to find a way to pay off the loans. Another factor affecting the payoff is prepayment of betterments results in a loss of interest. Jane will make changes to the draft budget and submit to Finance and Beth Doucette.

10:45 13. Status of the approved draft annual report for submission. Board to approve and the final is due to MaryAnn DiNapoli on September 29, 2017. Pictures?

After rereading the FY17 Annual Report, the Board made a few changes and Jane will send Rick two new numbers not in the original draft. Rick added a picture that Paul had forwarded to the Board.

10:55 14. Topics not reasonably anticipated by chair 48 hours in advance of the meeting, if any.

3 Lillian Way – The Health Department received an Application to renovate the

basement at 3 Lillian Way. Jane discussed with Darren, Health Department, whether this could be used as a bedroom and if the addition of a bathroom would affect design flow. Darren said the design does not show a bedroom and the bathroom is more of a convenience and does not change design flow. The Health Department would like to know if the WWMDC wants to see applications from users that have a change, but no effect on design flow. Also, will a connection application be needed? Rick made a motion to approve the Health Department application for 3 Lillian Way. Fred signed the application and added a note indicating this is not to be used as a bedroom. Rick second the motion. Approved 2-0. Annette: Feels the WWMDC should see all applications. Fred: The WWMDC wants to see all applications from WWMD users and will sign off on the bottom of the Health Department's Application.

- 11:04 15. Website status: recent postings and organization.
- 11:04 16. Calendar: upcoming meetings and events, including hearings.

The next WWMDC Board meeting will be October 18, 2017.

#### 11:06 17. Public Comment

Annette: 356 BPR – In order for someone to connect to the system the WWMDC statute says they need to prove they could put in their own system or they cannot connect. This was added to the statute by Mark Lanza to limit growth on Route 20. This can only be changed by legislature. Fred will talk with Paul.

Annette: WhiteWater Conversations – The DMR report for the months that Phosphorous was high should have had a note on the report and on cover letter. Jane: Asked WhiteWater to add a note, which they did and commented on the cover letter.

Annette: WhiteWater Work arounds on problems: These should be approved by the DEP. Fred will ask Paul if this should be done. WWMDC should be mindful of these changes. Anything that changes the original plans then the WWMDC should get approval.

Annette: WhiteWater Request for a Lift: The Planning Board would need to approve this.

# 11:15 18. Adjourn

# Attachments:

WWMDC and BoS Wayland Meadows Agreement
August 16 2017 minutes
Monthly Operating Reports
Commitment Letter – 39 Lillian Unapportioned Interest
FY19 Draft Budget
Betterment Payoff Schedule
List of users who received a demand bill. (private information not included)
Annual Report
3 Lillian Board of Health Approval
Agenda

# Agenda item 8. Discussion

After another year of continued need for more hours by the WWMDC Account Specialist and, in addition, increasing autonomy of the job, the chair is renewing a campaign to get the job up to 25 hrs/wk and upgraded from N-3 to N-4. For the calendar year to date, Jane has averaged 3.29 hrs/wk over her allotment of 19 hrs/wk. In addition, she continues to take on more responsibility for quarterly billing, monitoring condo sales, interacting with other Town departments on finances and budgeting, tracking expenses, interacting with the new Town Engineer on emergency response and system maintenance, and bringing other administrative needs to the attention of the WWMDC. These increases are additions to her already long list of tasks. Still, some tasks continue to be put off, e.g., reorganizing the web site and updating the betterment balance sheet.

The WWMDC chair would like to make two modifications to the position of Account Specialist for the WWMDC.

First, the job warrants an upgraded classification from N-3 to N-4 due to the large amount of autonomy now inherent in the job. The current positions in these categories are:

N-3 Computer Technician

N-3 Conservation Land Mgr-PT

N-3 Human Resources Assistant

N-3 Outreach Coordinator

N-3 Recreation Program Asst – PT

N-3 WWMDC Account Specialist

N-4 Administrative Asst - Police

N-4 Benefits Manager

I think N-4 is reasonable. According to the Assistant Town Administrator, the hourly rate would go from \$25.89 to \$27.34, with a possible additional 2% increase due to negotiations, effective 1 July 2017. An argument in its favor is Jane has no Town employee as a supervisor. Another argument is that the original legislation envisioned a Director, which we never instituted. What seems important to me is the autonomy of the position. Even though the Account Specialist consults with the volunteer WWMDC chair, the incumbent acts without immediate supervision. The job description (<a href="http://www.wayland.ma.us/Pages/WaylandMA">http://www.wayland.ma.us/Pages/WaylandMA</a> HR/desc/WWMDCas.pdf) encompasses this independence, so the category of N-4 seems more appropriate.

Second, the job is not doable in under 19 hours/week, at its current level. When we hired Jane Capasso in June 2015, we were unsure how much time would be needed due to Jane being new to the Vadar and MUNIS town systems and requiring a learning curve on the WWMDC operations. I had thought that initially would be more than the amount being spent by Cindy Cincotta (11-18 hrs/week) who was familiar with all Town fiscal operations, but that the required time would subside as Jane got familiar with the job. It is evident now that there is more to the job on an on-going basis. Since Jane took on the job, there have been a number of additional time-consuming tasks. Some of these are the continued increase in the number of wastewater users as the Lillian Way condos have been built, the incorporation of the quarterly water billing system into the wastewater billing, a significant survey of the Town Center for Title V allocations that has turned up important information, a move of the wastewater operation from the Town Building to the DPW Building, the improved budgeting fidelity and better merging with other MUNIS account structures, understanding of the final disposition of the capital project of building the new Wastewater Treatment Facility, and a general increase in the number of tasks that will remain on an on-going basis.

As a result, I am proposing to increase the FY2019 budget by \$10,000. There needs to be approval by the Personnel Board, which will not occur until 16 Oct 2017 (earliest possible according to the Assistant Town Administrator).

## **AGREEMENT**

Whereas, in a separate agreement, Wayland Meadows, LLC agrees to transfer the parcel 023-052T (also referred to as Lot 8 as shown on the plan entitled "Plan of Land in Wayland, MA" dated April 15, 2010, prepared by Hancock Associates, Civil Engineers, Land Surveyors and Environmental Consultants and recorded with the Middlesex South Registry of Deeds as Plan No. 252 of 2010) to the Wayland Conservation Commission and the 380-gpd design flow (per Title V, hereafter, "design flow") to the Wayland Wastewater Management District Commission (WWMDC), and

Whereas, the Wayland Meadows, LLC, has paid 1) all taxes for parcel 023-052T, 2) all WWMDC operations fees for the associated 380-gallons-per-day (gpd) design flow including all principal and interest for late payments, 3) FY2017 interest from 1 Oct 2016 to 1 Apr 2017, and 4) \$3,709 in partial payment of betterments for FY2015-FY2017, and

Whereas, 2016 annual Town Meeting passed Article 19 to allocate to the building at 5 Concord Road, Wayland, MA (currently the Wayland Free Public Library) a total of 820-gpd design flow, consisting of the 380 gpd from above and 440 gpd previously relinquished by another WWMD user and returned to the WWMDC, and

Whereas, Article 19 included a payment to the WWMDC from town funds of a total of \$56,000, which consists of a payment in lieu of betterment (PILOB) of \$53,356, an initial operations payment of \$2,207 for FY2017, and an administrative fee of \$438. Wayland Meadows has already paid \$3,709 of the betterment reducing the PILOB to \$49,647 for a new total of \$52,291, and

Whereas, it is anticipated that the building at 5 Concord Road will eventually be connected to the WWMD system using separate funds, and

Whereas, the Town agrees to pay operation fees to the WWMDC starting in FY2017.

Therefore, the Wayland Board of Selectmen agrees to pay \$52,291 to the Wayland Wastewater Management District Commission, and the Wayland Wastewater Management District Commission agrees to transfer 820-gpd design flow to the property at 5 Concord Road.

Assignment. Neither the WWMDC nor the Town may assign their rights and obligations hereunder, in whole or in part, without the prior written consent of the other party. Any assignment without such prior written consent shall be deemed null and void. Subject to and without limiting the preceding two sentences, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, devises, executors, administrators, successors and assigns.

Governing Law. This Agreement, executed as of the date first above written, is to be construed as a Massachusetts contract, is to take effect as a sealed instrument, and may be cancelled, modified or amended only by a written instrument executed by the parties.

Additional Documents. The parties agree to execute any and all additional instruments and documents as may be reasonably required in order fully to effectuate the terms of this Agreement, provided none of the same shall increase any party's liability hereunder.

Entire Agreement. This Agreement constitutes the entire agreement between the parties hereto with respect to the Surplus Capacity and payment and no verbal statements made by anyone with regard to the transaction which is the subject of this Agreement shall be construed as a part hereof unless the same is incorporated herein by writing.

Partial Invalidity. In the event that any one or more provisions of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, the remainder of this Agreement shall not be affected.

In Witness Whereof, the parties have executed this Agreement as of the date first set above.

Town of Wayland Board of Selectmen	Wayland Wastewater Management District Commission
	mu
Cherry Karlson, chair	Fred Knight, chair
Lea Anderson	Sam Potter
Mary Antes	Rick Greene
Louis Jurist	
Douglas A. Levine	

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# WAYLAND WASTEWATER MANAGEMENT DISTRICT COMMISSION MEETING OF 16 AUGUST 2017

In Attendance: Fred Knight, Rick Greene and Jane Capasso.

Absent:

Guests: Paul Brinkman, Wayland Town Engineer, Linda Segal, Gary Bruell

Meeting Location: 7:30 pm Wayland Town Building

#### MINUTES

Note: Items may not be discussed in the order listed or at the specific time. Times are approximate.

7:47 1. Call to order

7:40 2. Public comment

Linda Segal: A condominium at the Town Center is being advertised for sale with 3 bedrooms. Town Center condominiums are assessed at 2 bedrooms. Rick: This is the third or fourth time this has come up. Linda asked how this should be addressed. Rick: Has talked to realtors about this twice and informed them about the deed restriction. Fred: Was a building permit pulled for the change in bedrooms? Decision was made to run this by the Health Department and the Assessor's Office.

7:58
3. Review status of transfer of land and design flow from Wayland Meadows to Conservation Commission (land only) and to BoS (design flow only) to be allocated to 5 Concord Road.

Fred: The final action on Article 19 from the FY2016 ATM is still pending, due to title issues on the property and the method of abatement of the remaining betterment so it is not owed by Wayland Meadows AFTER the transfer of land and design flow. The lawyers are still considering what is necessary.

- Update on Town Center (TC) plans for future businesses. Analysis by Town Engineer, Paul Brinkman, in response to National Development desire to add a 150-seat restaurant.
  - In order to find enough design flow for a 150-seat restaurant, there will have to be either some significant reallocation of design flow (by Nat'l Dev) or else a new source of design flow. Options are either an increase to the flow to the WWTF or the building of an on-site leaching field that was originally planned. The required design flow is 35 gpd/seat or 5,250 gpd.
  - The WWMDC already reallocated 500 gpd of design flow for the 2 doctors by reducing design flow in other areas, but finding 10x that amount will be a challenge. There will have to be concerted effort to do this within the current ACO-imposed limits.
  - 3. The last letter from NE Region of DEP in early 2016 told the WWMDC to manage their aggregate design flow within the DEP-imposed limit of 41,600 gpd of actual flow in order to avoid triggering the building of a secondary leaching field at the Town Building, which the WWMDC definitely wants to avoid. Currently, our actual flow for the entire system is about 26,000 gpd.
  - 4. This discussion will consider the National Development proposal further.

Fred: Paul Brinkman, our new Town Engineer, reports to Tom Holder, DPW Director, and is available to support any department throughout the Town. He has a grade 7 Wastewater license and he knows the operations side.

Fred: National Dev would like to add a 150 seat restaurant in the vacant space next to Ace Hardware. Paul: We know what our existing users are using for flow and in most

cases they are not necessarily using their Title V design flow. Typically its 60 gpd on average per person. Now that the treatment plant has been in operation for a few years, Paul sees room to add on more design flow and as a result the plant will run better the closer it is to the actual design flow.

Rick: Capacity is based on an average annual flow. Paul: In reading the ACO and the NPDES permit, the WWMDC has been given a limit of 52,000 gpd. Rick: The WWMDC's statute has a no growth clause and is not allowed to spur growth. Paul: A plant working closer to capacity is more balanced, better for facility and more cost effective. Linda Segal: In the late 90's the process to acquire the plant and getting Town Meeting comfortable to approve this was a problem along with some people were concerned that promoting growth at that time would increase traffic problems. Rick: In the past the TC was given more capacity than their fair share and the betterment was a huge shock to the users both financially and psychologically. Paul: By having more users it spreads the costs now, and in the future, when major capital improvements are required. Rick: If we are going to give capacity we need to make it clear to the users that this will have a solid benefit.

Fred: In favor of approving the TC restaurant along with charging them a privilege fee equal to approximately \$300k. Paul's view is we have the room to add on the capacity. There isn't anything from a regulatory standpoint preventing us from doing this. Paul: To control this you tell the users that we can do a certain amount for now. Rick: Happy with the aforementioned, he would like to have something from the DEP that says that given our flow and our stabilization we may increase the flow. Fred: The DEP letter given to us earlier gives the WWMDC permission to do this. Rick: The letter says to proceed at your own risk. Paul: Regulations have changed and he can talk to the DEP to discuss getting approval for this providing we abide by the permit. Rick: The allowed 52,000 gpd is title V flow. Paul: Has never seen anything that relates Title 5 to the NPDES permit. Fred: The ACO specifies a maximum of 45,000 gpd for the TC. Fred doesn't see how this could be based on a theoretical flow. Back when this originated, a Judge questioned what the 45,000 gpd was. Paul: The DEP said they can't be overseeing the Design Flow, but they will oversee the actual average flow. Fred: Paul's comment about the change in DEP overseeing design flow and the letter received earlier places the WWMDC in charge.

Fred: What should we do about the TC 150 seat restaurant, which would add 5,250 gpd in design flow and actual flow of about half. Rick wants a letter from the DEP saying you have permission to control your own flow. Fred: We will move to approve this new restaurant maybe next month after thinking about this more. We would be moving towards WWMDC being in control of the treatment plant and obtain as much revenue as possible. Paul: You could put together a policy showing how much to allocate for a year. Rick: Wants to be sure no one comes to us asking - how can we exceed the 52,000 gpd?

Fred: National Development wants to add 2 more doctors at 500 gpd of Title V in the medical building. We should have a policy saying we will go up to this amount of design flow and then reconsider after a year.

Annette: At the Planning Board meeting, Sarki announced Fresh Market is not coming to Wayland. They are looking for a different grocery store. Rick feels that the owners may be limited with what they can do with the space.

- 8:38 5. Reviews by town engineer, Paul Brinkman.
  - A. Emergency response contractor
  - B. DigSafe vendor for measuring locations of pipes in preparation for excavation
  - C. WWTF operations review, including sludge and equalization pump
  - D. Preparation for Whitewater review in Sep 2017
  - E. Rules and Regulation comments
  - F. Pumping station
  - G. FY2019 capital budget
  - H. WWTF Capital Account and Punch List

Paul: After emergency issues that occurred in FY2017, WW should find a way to control DigSafe problems and hire someone to do mark-outs. Paul has been reviewing the as built plans and trying to find someone to do this or an alternative method. Rick: As builts are 20 years old. Paul: Will be using the plans to find the manholes and draw the lines connecting them. If an emergency occurs he cannot do the mark-out, but during regular hours he can.

Paul and Jane were discussing handing out a Disclaimer to people asking for markouts. Paul: This is similar to other town documents. The Water Department has hired a company that is working on plans along the route 20 area. We will have these plans in the future. Board reviewed the standard language used for disclaimers. If WWMDC receives a written request or someone is digging, then handout the form. With the approval of the \$35,000 pipeline account the WWMDC will have the funds to do this.

Items C & D: Fred: At the September board meeting we will talk with WhiteWater. Paul: Suggests we review the WhiteWater contract and set expectations based on what is covered in their billing. Paul has been reviewing the alarm calls and he wants to improve communications with WhiteWater and add an upgraded SCADA system. Currently, WhiteWater can call in when an alarm occurs, but they can't see where and what's going on in the plant. Paul: The expectations should be that if there is an alarm, they should discuss it with him and explain why and how it will be resolved. Sludge is another area that needs to be closely monitored.

Item E: WWMDC Rules and Regulations - Comments will be discussed with Paul. Rick would like to meet with Paul.

Item F: Paul found the second pump station today. He will look into who is responsible for this.

Item G: FY19 Capital Budget - Paul is talking with Chris, WhiteWater operator.

Item H: Capital Acct/Punch list - Paul looked at the conservation piece today and it is in good shape.

9:02 6. Approve draft article for fall STM to FY18 Budget to incorporate preventative mainenance, DigSafe contracting, and an emergency fund of ~\$35k.

Text drafted for a current year transfer of \$35,000 to be presented at the special town meeting in November, 2017. The Finance Director asked for a shorter article. Rick moved we approve the general content for the article and leave the final wording to the Director of Finance. Fred second the motion, which passed 2-0.

9:30 7. Approve minutes from previous meetings—12 July 2017.

Rick moved to approve July 12, 2017 minutes and Fred second. Approved 2-0.

9:34 8. Pay Bills, monthly budget update, year-to-date finances, and monthly commitments.

Jane: No Monthly Operating Reports for July, 2017 due to the timing of year-end and when the bills come in. August bills reviewed and monthly commitments and abatements signed. Fred made a motion to approve bills, Rick second. Approved 2-0.

9:44 9. Approve FY17 draft Annual Report for submission.

Rick presented a draft of the Annual Report for Board review. Suggestions made for changes, which Rick will make at the September Board Meeting. Jane will talk with Paul Brinkman about taking pictures for the Board to choose for the report.

9:44 10. Topics not reasonably anticipated by chair 48 hours in advance of the meeting, if any.

None.

9:45 11. Administrative Items

A. Abatement - 23 Lillian Way and 7 River Rock Signed.

- B. Abatement Request 27 Hastings Way (reviewed out of order at 9:05) Homeowner, Gary Bruell, explained he was gone for the month of February. He met with the BOPW and they gave him an abatement of approximately \$340. He can't explain why the Quarter 3 bill (Jan, Feb and March) was so high. The BOPW asked that he wait for next bill and see if the reading is still high. In the meantime, a new meter was added on April 11, 2017 and the Quarter 4 reading was normal. Fred: We don't see any reason for this to occur, it is a mystery. Historically his readings are lower than the Quarter 3 reading. Rick: While he was gone could the toilet have been running? Gary said a faucet was not running when he returned. A plumber and the Water Department tested for leaking faucets. Rick would like to approve the abatement as calculated by Jane. Fred second 2-0. Board signed the abatement letter and application.
- C. Connection Applications for 356 Boston Post Road and 21 Cochituate Road Jane informed the owners they can go to the Health Department to fill out the application.
- D. Review Connection application: 9:52 start. One change for signing and changing the word applicant to property owner. A discussion on the Health Department's suggestions.
- E. 21 Cochituate Road The engineer for the owner of the Olde Collins Market may change the use of the building from all office to an apartment on the second floor. Jane advised them that they should fill out the connection application based on what they will be selling the building as and if there is a change in use after the sale, the new owners would fill out a new connection application.
- 10:06 11. Website status: recent postings and organization.

None.

10:07 12. Calendar: upcoming meetings and events, including hearings.

The next board meeting will be September 13 2016. Jane will send an invitation for Dave and Chris from WhiteWater asking them to bring projections for operations and potential capital.

10:07 13. Public Comment - None

# 10:08 14. Adjourn

# Attachments:

25 Lillian Way real estate add
Disclaimer for As Built Plans
Draft Article for Special Town Meeting
July 12, 2017 Minutes
Draft Annual Report
Monthly Operating Reports
Commitment Letter – 23 Lillian Final Sale and FY17 Q4 Billing
Commitment Letter – 11 and 39 Lillian Betterments paid in full or advance.
Abatement Letter for 23 Lillian Way and 7 River Rock
Abatement Letter for 27 Hastings Way
Connection Application
Proposed Agenda

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August 12-September 25, 2017

	And the second second							
SUMMARY	ACTUAL YTD	The second second		ANNUAL BUDGET				NOTES
User Charges				5 712,744				
Net Operating Income:	\$ 36,806.47		Marillan					
INCOME DETAILS	ACTIMI VTD	RUDGET YTD	YTD VARIANCE	ANNUAL BUDGET	ACTUAL MTD BUDGET MTD MTD VARIANCE	UDGET MTD M	TD VARIANCE	
Hear Chames	64 0.41 DB	FA 121 63	4 510 46	241 687	32 285 ZZ		22 2RS 73	FV17 Oir 4 will be received in July & Aun
Other	826.47		826.47		817.11		817.11	Pen & Int, Liens, Misc Rev & Int Earnd on Sav's
Old Betterment - Principal	•		100	38.442			٠	Note 1 - Pmts received Feb and May.
Old Betterment - Interest	•		•	7,350	,	٠	,	Note 1 - Pmts received Feb and May.
New Betterment - Principal	715.78		715,78	245,000	357.89		357.89	Note 1 - Pmts received Feb and May.
New Betterment - Interest	644.20	•	644.20	180,265	322.10		322.10	Note 1 - Pmts received Feb and May.
Unapp WW Better TC Rev	24,336.52		24,336.52		2,643,32		2,643.32	Unbudgeted Betterments Paid in Advance
Unapp WW Better TC Int	1,065.63	٠	1,065.63	1	115.51		115.51	Unbudgeted Betterments Paid in Advance
Total Income/MUNIS:	\$ 92,529.68	\$ 60,421.63 \$	\$ 32,108.06	712,744	\$ 36,541,66 \$		36,541,66	
						454	Total Care	- Canada
EXPENSE DETAILS	ACTUAL YID	BUDGET YTD	YTD VARIANCE	ANNUAL BUUGE!	ACTUAL MID BUDGET MID MID VAHIANCE	DUGET MID M	ID VANIANCE	MOTES
PERSONAL SERVICES	7 222 40	27 000 7	15.6.25	20 464	3 824 90	2 462 92	(1 161 37)	
Selence (Alcount Specialist)	DE-363/1	2 2000	2000	10000		10.10		
Indirect/Admin (Fown Services)		1 250 00	1 250 00	5,000		416.67	418.67	
DBOFFSCIONAL SERVICES		00:00:1	20.00.00	2001	4	,		
Facility Operating Contract	11.700.00	11,925.00	225.00	47,700	3,900.00	3,975.00	75.00	
Fac. Labor & Other Prof. Serv.	1,848.64	4,106.75	2,258.11	16,427	1,050.00	1,368.92	318.92	
Engineering Fees			,	•		6	•	
NPDES Permit							7.0	
Total Pers. & Prof. Expenses	\$ 20,781,04	\$ 24,670.50	5 3,689,46	127,513	S 8,574.29 S	8,223.50 \$	(350.73)	
Percent of Total	32°			0				
REPAIRS & MAINT EXP.								
Building Repair & Improvement		200.00	200:00	2,000		166.67	166.67	
Equipment Repairs & Maint.	130.86	1,671,75	1,540.89	6,687	130.86		(130.86)	
Studge Disposal	1,355.00	6,542.00	5,187,00	26,168	275.00	2,180.67	1,905.67	
Chemicals		696.75	696.75	2,787		232.25	232.25	
Markup & Other	19.63	1,336.50	1,316.87	5,346	19.63	445.50	425.87	
Surface Water Testing (Oars)				2,066		,	•	
Total Repairs & Maint Exp.	\$ 1,505.49	\$ 10,747.00	\$ 9,241.51	50,054	\$ 425.49 \$	3.025.08 \$	2,589.59	
Percent of Total	298			0				
OPERATING EXPENSES		1		6			1000 01	
Disposal (Trash Removal)	179,70	267.25	87.55	1,069	93.10	80.68	(4.02)	
Natural Gas-Nt'l Gnd & Dir. En.	118.26	837.75	719.49	3,351	18.65	279.25	223.44	
Electricity - Eversource	5,313.83	8,053.00	2,739.17	32,212	60.00.2 67 EE	2004	(21.30)	
Telephone -Venzon	183.04	329.00	140,90	015.0	67.25	103.87	27.75	
Water - JOW	S7.53	50.00	67.691	2/6	22.00	16.67	16.67	
Continuency	. 4	6.250.00	6.250.00	25.000		2.083.33	2.083.33	
Total Operating Expenses	5.848.08	\$ 16,030.00	\$ 10,181.92	64,120	\$ 2,975.60 \$	5,343.33 \$	2,367.73	
Percent of Total				0				
TOTAL EXPENSES	\$ 28,134.61	\$ 51,447,50	\$ 23,312.89	241,687	\$ 11,975.38 \$	16,591,92 \$	4,616.54	
TOTAL OPER & CAP EXP'S				712,744				
CADITAL EVDENCES	Day Baid VTD			ANNINA RIIDGET				
Old Debt-Principal	27.446.99			38,442				Paid in August and February
Old Debt-Interest				7,350				Subsidy pays interest in Aug. Payment due Feb.
New Debt - Principal	1			245,000				Paid in August and February
New Debt -Interest	90,132,50			180,265				Paid in August and February
1 1	OF COLUMN STATE							

Total Capital Expenses: \$ 117,579.49

Notes:

1. Budgeted belterment income and capital expense are the debt expense number so revenues = expenses.

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Revenue Codes	July		August 2017	*	September 2017		October 2017	November 2017	ober 7	December 2017	per	January		February 2018		March 2018	¥ 2	April 2018	May		June 2018		
	2/12/19	21/61	7/11/11/12		8/15.0/24/1			0		0				0					0	ı	-	1	
6302 WW User Charges 63105000/42105	\$ 1,0	1,048.35	\$ 31,60	2	\$ 32,285.73	3 \$		•		•		w	45	•	10		15		\$	\$	•		los I
6308 Penalties & Interest * 63105000/41750	s	0.17	<b>\$</b>	9.19	\$ 72.86	\$ 98	1	so.	9	s/A	1.5	<b>v</b> ∧	so Ti	1,50	<b>s</b> ^	125	s,	2	s	<b>S</b>		100	v)
6303 Miscellaneous Rev * 6310500/43299	w	,	v,	3	s	<b>\$</b>	7	v,		w		v)	un iki		<b>\$</b>	2.	s	2	s	Ç.		10	v-
6304 Betterments (Old) 63105000/47501	vs	7	vs	ş	\$	<b>v</b>	t	v.		vs	20	\$	s T		vs ta	2.	¢s.	9	ų,	in		7	<b> </b> ∿}
6305 Betterment Interest (Old) 63105000/47502	٠,		vs	Ģ.	s	vs.		v	ì	₩.	*	\$	<b>\$</b>		<b>v</b>	*	٧,	4	v,	۰ ټ		57	v-
6306 Betterments Pd in Adv 63105000/47599	•		•	7	· ·	vs.	٢	v,	4	<b>\$</b>	96	\$	<b>s</b>	3	\$	7.	s	3	٠,	s,		9	4
6307 Int. Earned on Savings * 6310500/48210	S		vs	61	\$ 744.25	\$	,	v		v		s	vs ,		vs In		v,	*	v	v.		1	v-
6309 Wastewater Liens * 63105000/42111	v,	,	v,	à	§.	<b>v</b> s		w		v	25	\$	<b>S</b>		vs Te	,	•	2	<b>5</b>	\$		15	<b>~</b>
6311 W/W Better TC Rev 63105000/47503	\$	357.89	w	19	\$ 357.89	\$ 68	,	v,		s		\$	<b>S</b>		vs T	3*	v		s	ss ss		3	<b>S</b>
6312 WW Better TC Int 63105000/47504	m √s	322.10	٠,	V.	\$ 322.10	\$ 01	e.	\$		s,	CS.	s)	vs H	1960	φ.	•	s	95	ν,	٧.		66	v-
6313 UNAPP WW Better TC Rev 63105000/47505	\$ 21,693.20		s	70	\$ 2,643.32	\$ 5	i.	\$		₩.	1	\$	\$	17.5%	vs.		s,		s	S		4.7	<b>₩</b>
6314 UNAPP WW Better TC Int 63105000/47506	so.	950.12	s		\$ 115.51	\$ 15	E .	v,	÷.	s		s	٧.	0.70	50	2.50	v,		s,	٧,			w
49761 Trans from wir fund	\$	0	v,	65	ss.	\$	0.0	\$	÷	s		S	S		\$0	595	vs.		S	٠,		4	40
Total Revenue	\$ 24,371.83	71.83	\$ 31,61	31,616.19	\$ 36,541.66	\$ 9	100	\$		2	(4)	\$	8		S		\$		ş	٧	l		M

Notes: Unapportioned WW Better TC Rev & Int - Betterments paid: 11 Lillian in full and 39 Lillian partial payment.
• Other for Budget Reporting

\$ 92,529.68	\$ (24,336.52) Unbudgeted Betterments (Pald in Full & Partial Payments)	\$ (1,065,63) Unbudgeted Betterments (Pald in Full & Partial Payments)	5 (715.78)	\$ (644.20)	•	• • • • • • • • • • • • • • • • • • • •	\$ 65,767.55
	47599,47505	47506	47503	47504	47501	47502	
otal Revenue (Munis Balance)	ess: UNAPPNew Better TC Rev	Less: UNAPPNew Better TC Int	ess: New WWW Better TC Principal	Less: New WW Better TC Int	ess: Old Betterment Principal	ess: Old Betterment Int	levenue net of Capital Accts

(Net of Betterment)

ummary	Summary of Utility Bills - FY2017	17		Munis/Batch:						
ugust 12.	August 12-September 25, 2017									
					Invoice		WWMDC		Object	
Vendor#	Vendor Name	Notes	Address	Invoice#	Date	Amount	Acct #	Org#	Exp Acct	Description
2494	B-P Trucking Inc.		P.O. Box 386, Ashland, MA 01721	100201	8/31/2017	\$ 93.10	8670	63443002	52121	Disposal/Trash Removal 185 Elissa Ave
10656	Direct Energy	1	P.O. Box 32179, New York, NY 1008	HS7215599	8/17/2017	\$ 14.87	452224/56098	63443002	53102	Gas-185 Elissa Ave
10656	Direct Energy	1	P.O. Box 32179, New York, NY 1008	HS7215605	8/17/2017		452224/56105	63443002	53102	53102 Gas-2 Elissa Ave
3027	EVERSOURCE		1 NSTAR Way, SW300, Westwood, N	28704030031	8/28/2017	\$ 143.32	28704030031	63443002	53103	Electricity-185 Elissa Ave
3027	EVERSOURCE		1 NSTAR Way, SW300, Westwood, N	28671560010	8/28/2017	\$ 2,562.57	28671560010	63443002	53103	Electricity-185 Elissa Ave
3805	KP Law	4	Interoffice Billing				N/A	63443002	52108	Town Counsel
2759	National Grid	1	PO Box 11735, Newark, NJ 07101-47	50412-10350	8/16/2017	\$ 31.27	50412-10350	63443002	53102	Gas-185 Ellssa Ave
2759	National Grid		PO Box 11735, Newark, NJ 07101-47	50412-10370	8/16/2017	29.6 \$	50412-10370	63443002	53102	53102 Gas-2 Elissa Ave
2569	VERIZON		PO Box 15124, Albany, NY 12212-51	5083582801	8/18/2017	\$ 67.55	5083582801	63443002	53104	Phone - Pump @ 2 Elissa Ave
2569	VERIZON		PO Box 15124, Albany, NY 12212-51	5083580192	8/18/2017	\$ 53.25	5083580192	63443002	53104	53104 Phone - 185 Elissa Ave
6693	Whitewater		C/O RHW Construc, 41 Central St., Au	70029205	9/1/2017	\$ 3,900.00	WAY002	63443002	52100	Facility Operating Contract
6693	Whitewater		C/O RHW Construc, 41 Central St., Au				WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater		C/O RHW Construc, 41 Central St., Au	70029589	9/13/2017	\$ 47.98	WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater		C/O RHW Construc, 41 Central St., Au	•			WAY002	63443002	52122	Sludge Disposal
6693	Whitewater		C/O RHW Construc, 41 Central St., Au		1		WAY002	63443002	52125	Chemicals
6693	Whitewater		C/O RHW Construc, 41 Central St.,Au	70029589	9/13/2017	\$ 7.20	WAY002	63443002	52151	Mark Up on Repairs & Maint.
	Total		August 12-September 25, 2017			\$ 6,930.78				
	Total WhiteWater without Contract Fee	hout Contrac	# Fee	the second secon		\$ 55.18				
Notes:										
o Monthly	, Operating Reports for	July, 2017. 1	No Monthly Operating Reports for July, 2017. Reporting is for the prior month and the bills	e bills were not in yet.				_		

WhiteWater Invoices

Fiscal Year 2017

						:					
August 12-Se	August 12-September 25, 2017					Equip Repairs					
	Salar Control		Month	Contract Fee	Labor	& Maint	Sludge	Chemicals	33	Mark Up	
Invoice #	Invoice Date	Amount	Processed	52100	#52101	52116	52122	52125	#25	#52151	Total
70028264	7/24/2017	\$ 95.31	1 June (3)	\$	- \$	\$ 82.88	- \$	\$	\$	12.43	\$ 95.31
70028766	8/14/2017	\$ 1,325.00	) June (3)	•	\$ 1,050.00	٠	\$ 275.00	- \$	\$	1	\$ 1,325.00
70027882	7/7/2017	\$ 3,900.00	Aug	\$ 3,900.00							\$ 3,900.00
70028505	8/1/2017	3,900.00	Aug	\$ 3,900.00						- •	3,900.00
70028766	8/14/2017	\$ 1,752.50	Aug		\$ 672.50		\$ 1,080,00				\$ 1,752.50
70029205	9/1/2017	3,900.00	Sep	\$ 3,900.00							\$ 3,900.00
70029589	9/13/2017	\$ 55.18	Sep			\$ 47.98			\$	7.20	\$ 55.18
										- /	\$
									_		T.
Totals		\$ 13,507.68		\$ 11,700.00	\$ 672.50	\$ 47.98	\$ 1,080.00	\$	\$	7.20	7.20 \$ 13,507.68

Current month total without Contract Fee

55.18

Invoice #70028766 received with June and July expenses. June was reported on a purchase order for FY17 carryover, booked by Finance in FY18. Invoice #70027882 for July Contract Fee. Monthly Operating Reports not done for July. Invoice #70028264 purchase order for FY17 carryover was booked by Finance in FY18.

									!	1						
WhiteWater F	WhiteWater FY17 Purchase Orders booked in FY18, September	lers b	ooked in FY18	3, September, 2	er, 2017 by Finance	ance	,		<b>Equip Repairs</b>	airs						
		13		Month	Contract Fee	Fee	La	Labor	& Maint	ı	Sludge	Chemicals	els	Mark Up		S THIS OW, I
Invoice #	Invoice Date		Amount	Processed	52100	0	#2:	#52101	52116		52122	52125	2	#52151		Total
70028264	7/24/2017	45	95.31	95.31 June (3)	\$	1	\$	1	\$ 82	82.88		\$	- \$	12.43	\$	95.31
70028766	8/14/2017	s	1,325.00 June (3)	June (3)	\$	9	\$ 1	00:050'1	\$	- \$	275.00	\$	\$ 3	•	\$	1,325.00
	Total	s	1,420.31		\$		\$ 1	00.050,1	\$ 82	82.88 \$	275.00	\$	\$ -	12.43	\$	1,420.31
Purchase Order		\$	8,000.00				\$ 2	,500.00	\$ 200	\$ 00.00	4,000.00	Ş	\$ 00.008	200.00	\$	8,000.00
Amount to Close Purchase	se Purchase	\$	(6,579.69)		\$	4	\$ (1	(1,450.00)	\$ (117	117.12) \$	(3,725.00)	\$	(800.00)	(487.57) \$	S	(6,579.69)



# Wayland Wastewater Management District Commission 66 River Road, Wayland, Massachusetts 01778-2697 508-358-6851 wastewater@wayland.ma.us

# TOWN OF WAYLAND **FISCAL YEAR 2018**

TO: Treasurer/Collector Town Accountant

You are hereby notified of Betterment Commitments for the month of AUGUST, 2018 listed below (2 of 2 for July, 2017):

Cycle: Wastewater FY2018/Q1

Finals: 0

# **AMOUNT OF COMMITMENTS**

**Unapportioned WW Better TC Interest** 

63-14210

\$115.51

(39 Lillian WW Betterment partial payment.)

WWMDC Chair

9/27/17 Scanned + sent to trat 200

NO.000000000000000000000000000000000000	Wastewater Management District Commission		Actual FY2017	FY2018 2/21/17	FY2019 Draft	FY19-FY18		
### 1991 191,120 268,451 78,331  25,991 38,442 43,247 4,803  4,766 245,000 5,266 -2,094  175,414 180,265 170,765 -9,500  175,414 180,265 170,765 -9,500  175,414 180,265 170,765 -9,500  175,414 180,265 170,765 -9,500  175,414 180,265 170,765 -9,500  175,414 180,265 170,765 -9,500  26,994 17,700 246,800 10,000  26,994 27,700 5,000 10,000  26,994 17,700 5,000 10,000  26,994 17,700 246,800 10,000  26,994 22,656 22,830 29,700 869  27,000 46,800 47,700 5,000 6,300  28,162 2,000 2,000 5,000 6,300  28,162 2,000 2,000 5,700 3,700  28,163 6,590 2,000 5,700 3,700  36,900 7,445  28,115 6,590 2,000 3,700 4,716  28,115 6,590 2,000 3,700 4,716  28,115 6,590 2,000 3,700 4,716  28,115 6,590 1,100 7,49  28,115 6,590 1,100 7,49  28,116 3,844 3,351 4,100 7,49  28,117 39 1,130 32,212 33,100 888  28,118 33,105 972 25,000 1,316  28,105 1,130 1,130 1,130 1,130 1,130  28,105 1,130 1,130 1,130 1,130 1,130 1,130 1,130 1,130  28,105 1,107 1,108  28,105 1,107 1,108  28,105 1,107 1,108  28,105 1,107 1,108  28,105 1,107 1,109 1,130 1,131 1,130 1,1	FY19 Draft Budget			Before STM (1)	9/6/2017	Change	Notes	Revised 10/4/17
191,120   269,690   191,120   269,451   78,331	INCOME							
### 1905  ### 1906  #### 1906  #### 1906  #### 1906  #### 1906  #### 1906  #### 1906  ##### 1906  ###################################	Receipts (User Charges)		295,690	191,120	269,451	78,331		
### 197.666	Old Betterment-Principal		25,991	38,442	43,247	4,80	Debt expense used for budgeting. Note 4.	
### 197,696 245,000 255,000 10,000   ### 190,265 170,765 -9,500   ### 190,265 170,765 -9,500   ### 1,013 5,000 5,000 10,000   ### 1,013 5,000 5,000 1,0,975   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 5,700 6,300   ### 1,013 5,000 5,000 6,300   ### 1,013 5,000 5,000 1,168   ### 1,013 5,000 5,000 1,168   ### 1,013 5,000 1,168 5,346 6,500 1,168   ### 1,013 5,000 1,168 5,346 6,500 1,168   ### 1,013 5,000 35,000	Old Betterment-Interest	-	4,767	7,350	5,256	-2,094	Debt expense used for budgeling. Note 4.	
175,414   180,265   170,765 -9,500	New Betterment-Principal		197,696	245,000	255,000	10,000	Debt expense used for budgeting. Note 4.	
Sections   Section   Sec	New Bettermen-Interest		175,414	180,265	170,765	9,500	Debt expense used for budgeling. Note 4.	
######################################	Current Year Transfer			-	-	J	FY18 line item: Pipeline Main/Emergency.Note 2.	
### 52101	Undesignated Fund Bal/Operations			50,567	40,000	-10,567	Paid from Undesignated Fund Balance/Operations, Note 3	
### 521001 25,994 29,555 37,000 7,445  15 59710 24,689 28,831 29,700 869  52106 1,013 5,000 5,000 0  52106 46,800 47,700 54,000 6,300  52152 - 0 0 0  52152 - 0 0 0  52152 - 0 0 0  52152 - 0 0 0  52152 - 0 0 0  52152 - 133,316 127,513 148,700 21,187  sents 52115 6,590 2,000 5,700 3,700  99ncy 7 #### 20,252 6,687 7,300 35,000  52122 30,331 26,168 25,000 1,154  52123 6,644 2,787 7,500 44,416  52121 6,696 5,346 6,500 1,154  52121 6,606 1,069 1,101 32  En. 53102 3,844 3,351 4,100 749  53104 1,320 1,316 1,300 972  52125 53104 1,320 1,316 1,300 484  53105 53105 892 972	Net Operating Income:		699,558	712,744	783,719	76'07	Total needed for betterment income & operating expenses.	
#### \$1001 25,994 29,555 37,000 7,445  1-5 52108 1,013 5,000 5,000 6,300    52108	EXPENSES							
## 51001	Personal Services							
15         59710         24,669         28,831         29,700         6690           52108         1,013         5,000         5,000         0           52100         46,800         47,700         54,000         6,300           Serv.         52152         -         0         -         0           52152         -         0         -         0         0           52153         -         0         -         0         0           52154         -         0         -         0         0           52155         -         0         -         0         0           52156         -         0         -         0         0           52157         -         0         -         0         0           52158         -         0         -         0         0         0           52128         6,590         2,000         5,700         3,700         3,700         3,700           52125         6,544         2,787         7,500         4,715         3,400           52121         6,803         7,066         7,500         4,446           52121	Salaries (Account Specialist)	51001	25,994	29,555	37,000	7	FY17 Actual plus \$10,000 (increased hours & step change if appr adjustment per Finance.	roved in FY18). No cost of fiving
SE2108         1,013         5,000         5,000         6,000           Serv.         52100         46,800         47,700         54,000         6,300           Serv.         52152         -         0         -         0           52153         -         0         -         0         -         0           52153         -         0         -         -         0         -         -<	Indirect/Admin & Fringe Ben's	59710	24,669	28,831	29,700		FY18 plus 3% increase = \$29,696	
Serv. 52100 46,800 47,700 54,000 6,300 6,300 6,200 52152 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Legal Services	52108	1,013	2,000	5,000	J	No anticipated litigation.	
Serv.         52100         46,800         47,700         54,000         6,300           Serv.         52151         -         0         -         0         -         0           52152         -         0         -         0         -         0         -         0           s         52153         -         0         -         0         -         0         0           s         52153         -         0         -         0         -         0         0           s         52152         -         0         -         0         -         0         -         0           gency         7 ####         20,252         6,687         7,300         51,187         -         0         35,000         35,000         61,187           gency         7 ####         2,787         7,300         61,188         -         1,168         -         -         0         -         0         -         0         -         0         -         0         -         0         -         0         -         0         -         0         -         1,168         -         -         0	Professional Services			0				
Serv.         52101         34,840         16,427         23,000         6,573           nses         -         0         -         0         -         0           \$2152         -         0         -         0         -         0           s         -         0         -         0         0         -         0           s         52115         6,590         2,000         5,700         3,700         613           s         52115         6,590         2,000         5,700         3,700         613           gency         7 ####         0         35,000         5,700         3,700         613           gency         7 ####         0         35,000         5,700         3,700         613           s         52125         6,644         2,787         7,500         4,713           sp         52151         6,696         5,346         6,500         1,154           xp         52103         6,803         7,066         7,500         4,446           xp         53102         3,844         3,844         3,844         3,844         3,351         4,100         749 <th< td=""><td>Facility Operating Contract</td><td>52100</td><td>46,800</td><td>47,700</td><td>54,000</td><td>9 (300</td><td>Contract ends 9/16/18 @ \$3,900/month. Paul Brinkman: FY19 10 Assumes new contractor with higher rates \$4,500 X 12 months.</td><td>3% increase, fixed rate over 3 years.</td></th<>	Facility Operating Contract	52100	46,800	47,700	54,000	9 (300	Contract ends 9/16/18 @ \$3,900/month. Paul Brinkman: FY19 10 Assumes new contractor with higher rates \$4,500 X 12 months.	3% increase, fixed rate over 3 years.
### 52152 - 0 - 0 - 0  \$ 52153 - 0 - 0  \$ 52153 - 0 - 0  \$ 52153 - 0 - 0  ### 133,316 127,513 148,700 21,187  ### 2,000 5,700 3,700  ### 0 35,000 5,700 6,13  ### 2,000 5,700 35,000  ### 2,000 5,700 4,713  ### 2,000 5,700 1,154  ### 2,000 5,700 4,713  ### 2,000 5,700 1,154  ### 2,000 5,700 4,713  ### 2,000 5,700 1,154  ### 2,000 5,700 4,713  ### 2,000 5,700 1,154  ### 2,000 5,700 4,713  ### 2,000 1,154  ### 2,000 1,156  ### 2,000 1,157  ### 2,000 1,156  ### 2,00	Facility Labor & Other Prof. Serv.	52101	34,840	16,427	23,000		FY17 Actual \$34,840 less Emerg. \$13,384 (\$7,015,268 BPR, \$6.00 pts 39% year increase = \$22,763. Facility is incurring more repair	369 install tmt plant pump) = \$21,456 irs.
sess         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1,187         0         1,187         0         1,187         0         1,187         0         1,187         0         1,187         0         1,187         0         1,188         0         1,188         0         1,188         0         1,188	Engineering Fees	52152		0			For future use.	
sest         133,316         127,513         148,700         21,187           s<	NPDES Permit	52153		0	•		For future use.	
se         s           sefuls         6,590         2,000         5,700         3,700           gency         7 ####         20,252         6,687         7,300         613           gency         7 ####         0         35,000         35,000         35,000           syl         52122         6,644         2,787         7,500         4,713           xp.         52103         6,803         7,066         7,500         4,446           xp.         77,216         50,054         94,500         4,446           fn.         53102         3,844         3,351         4,100         749           fn.         53103         31,119         32,212         33,100         484           syl         53105         1,320         1,316         1,800         484           syl         53105         972         950         -22	Total Pers. & Prof. Expenses		133,316		148,700	21,187		
penfs         52115         6,590         2,000         5,700         3,700           gency         7 ####         0         35,000         35,000         35,000           gency         7 ####         0         35,000         35,000         35,000           gency         7 ####         0         35,000         35,000         35,000           s2122         30,331         26,168         25,000         -1,168           sy         52125         6,803         7,066         7,500         4,713           xp         52103         6,803         7,066         7,500         44,466           xp         77,216         50,054         94,500         44,446           fn         53102         3,844         3,351         4,100         749           fn         53103         31,119         32,212         33,100         888           53104         1,320         1,316         722           53105         892         972         950         -22	Repairs & Maint. Expenses							
gency       7 ####       0       35,000       55,000         gency       7 ####       0       35,000       35,000         52122       30,331       26,168       25,000       -1,168         52125       6,644       2,787       7,500       4,713         52103       6,803       7,066       7,500       4,713         xp.       52103       6,803       7,066       7,500       44,46         xp.       77,216       50,054       94,500       44,446         En.       53102       3,844       3,351       4,100       749         53103       31,119       32,212       31,100       888         53104       1,320       1,316       1,316       484         53105       892       972       950       -22	Building Repair & Improvements	52115	069'9	2,000	5,700	3,700		ng and emergency lights and \$1,050 31 plus \$2,000 for miscellaneous
gency         7 ####         0         35,000         35,000           52122         30,331         26,168         25,000         -1,168           52125         6,644         2,787         7,500         4,713           52151         6,6903         7,066         7,500         4,713           xp.         52103         6,803         7,066         7,500         434           xp.         52121         6,803         7,066         7,500         44,446           Fn.         53102         3,844         3,351         4,100         749           Fn.         53103         31,119         32,212         4,100         749           53104         1,320         1,316         1,800         484           53105         892         972         950         -22	Equipment Repairs & Maint.	52116	20,252	9	7,300	613	FY17 \$20,252 less pipeline emergencies \$13,394 = \$6,858 less \$ backup generators until 2020 = \$5,838 increased at 3%/year = \$( FY19 \$7,214	51,020 fixed cost for maintenance for 2 6,194. Add back \$1,020 for contracts -
52122         30,331         26,168         25,000         -1,168           52125         6,644         2,787         7,500         4,713           52151         6,596         5,346         6,500         1,154           xp         52103         6,803         7,066         7,500         434           xp         52121         77,216         50,054         94,500         44,446           Fn         53102         3,844         3,351         4,100         749           Fn         53103         31,119         32,212         33,100         888           53105         1,320         1,316         1,800         484           53105         892         972         950         -22	Pipeline Maintenance/Emergency	2 ####		0	35,000	35,000	If approved at the November, 2017 Special Town Meeting, \$35,0 mark-outs and emergency repairs. Note 2 and 3.	000 will be budgeted yearly for DigSafe
52125         6,644         2,787         7,500         4,713           s)         52161         6,596         5,346         6,500         1,154           xp.         52103         6,803         7,066         7,500         434           xp.         77,216         50,054         94,500         44,446           En.         53102         3,844         3,351         4,100         749           En.         53103         31,119         32,212         33,100         888           53104         1,320         1,316         1,800         484           53105         892         972         950         -22	Sludge Disposal	52122	30,331	26,168	25,000	-1,168		. Paul Brinkman will be monitoring this
s)         52151         6,596         5,346         6,500         1,154           xp.         52103         6,803         7,066         7,500         434           xp.         77,216         50,054         94,500         44,446           En.         52121         606         1,069         1,101         32           En.         53102         3,844         3,351         4,100         749           53103         31,119         32,212         33,100         888           53104         1,320         1,316         4,80         484           53105         892         972         950         -22	Chemicals	52125	6,644	2,787	7,500	4,713	FY17 actual with 3%/year increase = \$7,049.	
xp.         52103         6,803         7,066         7,500         434           xp.         77,216         50,054         94,500         44,446           52121         606         1,069         1,101         32           En.         53102         3,844         3,351         4,100         749           53103         31,119         32,212         33,100         888           53104         1,320         1,316         1,800         484           53105         892         972         950         -22	Markup & Other	52151	6,596	5,346	6,500	1,154	FY17 actual \$6,596 less \$174 emergency plus 3%/year increase amonitoring this.	= \$6,813. Paul Brinkman will be
App.         T7,216         50,054         94,500         44,446           52121         606         1,069         1,101         32           En.         53102         3,844         3,351         4,100         749           53103         31,119         32,212         33,100         888           53104         1,320         1,316         1,800         484           53105         892         972         950         -22	Surface Water Testing (Oars)	52103	6,803		7,500	434	FY18 \$7,066 contract with 5% increase. (prior increase was 8%)	
En.     53102     3,844     3,351     4,100     749       53102     31,119     32,212     33,100     888       53104     1,320     1,316     1,800     484       53105     892     972     950     -22	Total Repairs & Maint. Exp.		77,216	50,054	94,500	44,446		
En.         53102         3,844         3,351         4,100         749           53102         3,844         3,351         4,100         749           53103         31,119         32,212         33,100         888           53104         1,320         1,316         1,800         484           53105         892         972         950         -22	Operating Expenses	, c	C	900		6	New FY17, FY18 budgeted at \$86.60/month. FY19 contract renew	ws in FY18, per Maggie Meehan
53102     3,044     3,321     4,100     743       53103     31,119     32,212     33,100     888       53104     1,320     1,316     1,800     484       53105     892     972     950     -22	Lisposal (Tasi) nemoval)	12120	2000	00,1		200	Essentia de literatione de la company de la	
53103     31,119     32,212     33,100     888       53104     1,320     1,316     1,800     484       53105     892     972     950     -22	Natural Gas-INT GING & Dif. Eff.	20102	*****	LCD'O	4, 199		The state of the s	
53104 1,320 1,316 1,800 484 53105 892 972 950 -22	Electricity -Eversource	53103	31,139	32,212	33,100	202		for addition of a fiber line with internet
53105 892 972 950 -22	Telephone -Verizon	53104	1,320	1,316	1,800	484		
	Water - Town of Wayland	53105	892	972	950	-22	FY17 actual with 3%/year increase, Back flow testing and admin for	lees = \$946

Contingency	54599	3,000	25,000	25,000	[0
Total Operating Expenses		40,906	64,120	66,251	2,132
Total Expenses		251,438	241,687	309,451	67,765 FY 18 does not Includes Pipeline Maintenance until voted in \$35,000.
CAPITAL EXPENSES					
Old Debt-Principal	59100	27,651	38,442	43,247	4,805 From Bank Debt Schedules. Full amount, subsidy not included. Note 4
Old Debt-Interest	59150	2,136	7,350	5,256	-2,094 From Bank Debt Schedules. Full amount, subsidy not included. Note 4
New Debt - Principal	59100	240,000	245,000	255,000	10,000 From Bank Debt Schedules. Full amount, subsidy not included. Note 4
New Debt -Interest	59150	189,565	180,265	170,765	-9,500 From Bank Debt Schedules. Full amount, subsidy not included. Note 4
Total Capital Expenses:		459,351	471,057	474,267	3,211
Total:		710,789	712,744	783,719	70,975
Rates					lixome
Total Expenses		251 438	241 687	309,451	67,764 Expense adjustments affecting rates: FY18 \$35,000 Pipeline Maint/Emergency fund not included until voted at Nov. STM. FY19 included in expenses. See Notes 2 and 3.
Use of Enterprise Funds			50,567	40,000	FY18 rate hearing included \$50,567 use of enterprise funds to reduce user charges. Zeror for FY19.  O Note 5, FY19 \$40,000 reserve. See Note 3.
Adjusted User Charges			191,120	269,451	67,764
Total Current Allocated Capacity		76,245	77,088	77,516	428 From the quarterly bitting inputs spreadstheet. Note 7
Total Current Connected		76,396	68,483	68,783	300 From FY17 Q4 billing inputs plus 300 gpd for 356 BPR connecting in FY18.
Total Assumed Flow		23,000	30,728	25,050	Annual wastewater flow from the DMR. Average June, 2016-June, 2017. Prior years used actual water -5,678 use.
Capacity Rate (\$/gpd-year)		2.79	1.98	2.78	0.80 80% of Adj. User Charges/Total Current Allocated Capacity, Note 1,
Flow Rate (\$/gpd/year)		1.97	1.24	2.15	0.91 20% of Adjusted User Charges/Total Assumed Flow. Note 1.
Penalty Rate (\$/gpd/year)		5.91	3.73	6.45	2.72 3 Times the Flow Rate. Note 1.
Notes:					
(1) The FY2018 2/21/17 Before STM	I column (Special	Town Meeting) doe	s not include the	new Pipeline Ma	(1) The FY2018 2/21/17 Before STM column (Special Town Meeting) does not include the new Pipeline Main/Emergency account. See Note 2. Rates shown are used for the budget,
but billing rates and final sales ar	re based on the F	late Hearing FY18 1	ab, Column FY18	Rate Hearing	but billing rates and final sales are based on the Rate Hearing FY18 Tab, Column FY18 Rate Hearing 2/15/17 (Capacity \$1.94, Flow \$1.21 and Penalty \$3.64).
(2) - The FY2018 2/21/17 Revised ST	TM column (hidde	en) has the addition	of a Pipeline Mai	ntenance expen	(2) - The FY2018 2/21/17 Revised STM column (hidden) has the addition of a Pipeline Maintenance expense account to be approved at the November Special Town Meeting.
This will be funded through a Current Year Transfer from retained earnings	urrent Year Trans	ler from retained ea	mings in FY18 on	ly, at year-end,	in FY18 only, at year-end, and will have no affect on revenue or the rates approved at the rate hearing.
The second secon	The second secon				

- The Pipeline Maintenance expense account in FY18 for \$35,000 will be used for DigSafe, hiring a contractor to do mark-outs, mainenance and emergency calls involving the sewer line.

(3) Starting with FY2019 \$40,000 will be paid from undesignated fund balance (operations only). The cost for this is not included in user rates.

(4) The Debt Expense number is used as the betterment income number so revenues = expenses. Betterment income is the apportioned income users pay, which is lower than the actual

debt expense paid to the bank.

(5) FY18: The overage from the actual FY16 Revenue and Expenses of \$50,567 was used to reduce the FY18 rates charged to users. FY19 this will not occur.

(6) FY2017 Emergency & Other Column - Unbudgeted emergency repairs to the sewer system and the treatment plant. Amount is included in the Actual FY2017 column. See Summary of Unbudgeted Utility Bills - FY2017 udated 9/8/17

(7) Total Current Allocated (Design Flow) 76,396 + 440 5 Concord Road + 380 Wayland Meadows + 300 356 Boston Post Road = 77,516. (127 Whole Foods, + 70 Salon included in 76,396)

Breakdown of URE - Operations - Better PILOB & PIA Total URE	\$ 159,389 \$1,179,802 \$1,339,191	Estimate FY17 Actual (Ta Munis Balance	Estimate FY17 Actual (Tab: 6-30-17 Undes Ret Earn Breakout) Munis Balance	Undes Ret Ear	m Breakout)				1 E									
Description Better PILOB & PIA	FY17 Actual \$ 1,179,802	FY18 Frest \$ 1,118,601	FY19 Frest \$ 1,030,422	FY20 Frest \$ 928,123	FY21 Frest \$ 814,848	FY22 Frest \$ 677,773	FY23 Frest	FY24 Frest 7 \$ 470,328	FV25 Frest 1 \$ 358,950	FV26 Frest \$ 236,891	FY27 Frest 1 \$ 107,184	to the second	FY29 Frest   \$ (172,837)	FV28 Frest FV29 Frest FV30 Frest \$ (29,771) \$ (172,837) \$ (321,503)	FY31 Frest   \$ (480,487) \$	33	2 Frest FY33 Frest FY34 Frest (648,099) \$ (443,664) \$ (248,204)	FY34 Frest \$ (248,204)
Receipts (Appor's):		6 76 317 73	6.36.172.01	¢ 24 028 83		v	v	v	J	v	v	U		v	U	47		v
- New Betterment		\$ 356,558		\$ 332,826 \$	\$ 323,272	\$ 313,719	-	5 \$ 294,612	\$ 282,456	\$ 273,033		5 254,187	\$ 244,764	-	\$ 225,011	\$ 215,635	206,260	\$ 196,884
Total Receipts	\$ 398,151	\$ 382,876	\$ 371,968	\$ 356,854	\$ 323,272	\$ 313,719	\$ 304,166	5 \$ 294,612	\$ 282,456	\$ 273,033	3 \$ 263,610	5 254,187	\$ 244,764	\$ 234,386	\$ 225,011	\$ 215,635	\$ 206,260	\$ 196,884
Less Debt Service:	\$ 29.786	\$ 45.790	\$ 48.502	\$ 46.515	\$ 44.382	· ·	·	,	v	v	so.	vı	v	vı	vn	S	s	5
- New Betterment	429,565	S	425,765	423,615	ะก	4	4.0	5 \$ 405,990	1 \$ 404,515	\$ 402,740	3 \$ 400,565	5 \$ 397,253	\$ 393,430	\$ 393,370	\$ 392,623	\$ 11,200	\$ 10,800	5 10,400
Total Debt Service	\$ 459,351	S		470,130	1 1	\$ 413,065	\$ 412,265	5 \$ 405,990	1 \$ 404,515	\$ 402,740	3 \$ 400,565	5 397,253	\$ 393,430	5 393,370	\$ 392,623	\$ 11,200	\$ 10,800	\$ 10,400
Better. Shortfall	\$ (61,200) \$	\$ (88,179)	\$ (309,346) \$ (102,300) \$ (113,275) \$ (137,075) \$	\$ (113,275)	\$ (137,075)	\$ (99,346	0.0	B/E,111) 2 (F	1 \$ (122,059	707,621) \$ (	1 \$ (136,955	1 \$ (143,066)	\$ (148,666	\$ (158,984)	(108,099) \$ (111,378) \$ (122,059) \$ (120,707) \$ (136,955) \$ (143,066) \$ (158,984) \$ (167,612) \$	204,435	\$ 195,460	\$ 186,484
Est. Better URE Bal. \$1,118,601 \$1,030,422 \$ 928,123 \$ 814,848 \$ 677,773 \$ 578,427	\$1,118,601	\$ 1,030,422	\$ 928,123	\$ 814,848	\$ 677,773	\$ 578,427	\$ 470,328	056'85E \$ 8	vs	236,891 \$ 107,184	vs.	(29,771) \$ (172,837) \$ (321,503) \$ (480,487) \$ (648,099)	\$ (321,503	\$ (480,487)		\$ (443,664)	(443,664) \$ (248,204) \$	\$ (61,720)
Notes:																		
- FY17 retained earnings is the undesignated retained earnings balance at June 30, 2017 per the MUNIS balance sheet.  - Betterment PILOB & Paid in Advance (PIA) are the known pieces of the Undes Ret. Earnings account. Only Betterment money can be used to pay off betterments.	ngs is the unde Paid in Advan	esignated retail	ned earnings t e known piece	balance at Jun is of the Under	s Ref. Earning	r the MUNIS I	balance sheet ily Bettermen	t money can be	e used to pay o	iff betterment	25		Total Negat Requiring	Total Negative Cash Flows Requiring Financing		\$ (2,406,282.96)		
- Receipts (Appor's) are the projected betterments to be apportioned and committed interest for the old and new betterments  - Receipts (Appor's) are the projected betterments to be apportioned and committed interest on the old and new betterments  - Debt service for the provent was it the actual from the 13 month trial balance. Old Better is subsidized. Future years are the principal and interest payments on the old and new betterments	re the project	ed betterment	s to be apport	ioned and con	mmitted inter-	est for the old is subsidized	future years	terments are the project	ted principal at	red interest pay	vments on the	old and new b	etterments.					
- Totals are not included because the numbers contain interest, which is not included in the original loan balance.	ted because th	ne numbers con	ntain interest,	which is not ir	ncluded in the	e original loan	balance.											
Preliminary Conclusion:	100												į.	-				
There is sufficient total unapportioned betterment principal and committed interest to meet the debt service	al unapportion	ned betterment	t principal and	I committed in	nterest to me	et the debt se		payments from FY17 through FY26.	hrough FY26.									
But, FY27 - FY34 have negative cash flows which will require short term financing or another financing source	negative cash	1 flows which w	vill require sho	ort term finant	cing or anothe	er financing sc	ource											

# Wayland Wastewater Management District Commission

# FY 2017 Annual Report -Draft 1, 8/16/2017

The Wayland Wastewater Management District Commission (WWMDC) operates a sewer system that serves business and residential properties along Route 20 from Route 27 to the Town Center development. Wastewater discharged into the system flows to a treatment plant located on Town-owned property within the Town Center development. The treated wastewater is discharged to the Sudbury River.

Managerial Oversight of the Wastewater Treatment Facility: In Fiscal Year 2017, the WWTF continued to run with no major operational issues—including no detected infiltration of groundwater into the WWMDC system. The WWMDC did incur higher than expected expenses related to routine equipment replacement in the plant, routine alarm calls, and two valve failures in the street portion of the system. Owing to the WWMDC's inability to respond in a timely manner to a mark out request, the Commission had to bear the costs for damage caused by a third-party contractor dig-in. The budget for repairs and the contingency reserve were sufficient to cover the expenses.

The high number of routine alarms to the plant operator and the WWMDC's emergency response capability continued to be an issue. In an annual review meeting with Whitewater, the plant operator, the WWMDC reiterated the need to take remedial action to address repeat problems quickly so as to reduce the number and cost of emergency calls. To provide stronger professional oversight over system operations, the Commission been working with the Town Administrator, the Director of the Department of Public Works and the Director of the Water Department to contract for support by individuals with wastewater expertise and licensing. Further, the WWMDC has been working with Town officials to professionalize our capability to respond to emergency situations.

<u>Discharge Permits and System Usage</u>: The WWTF continues to operate under permits issued jointly by the Federal Environmental Protection Agency (EPA) and the State Department of Environmental Protection (DEP). The permits allow discharge of an annualized average limit of 52,000 gallons per day (GPD) into the Sudbury River. An application for renewal submitted on time in June 2013 seeks an increase in discharge capacity to 80,000 GPD. As of June 2017, the application remains pending with the EPA.

In FY2017, the average discharge from the plant was approximately XX,XXX GPD, up (down) about XX% from 25,730 GPD in FY2016. Growth in flow from the Town Center development has stabilized as construction plans near completion and occupancy has growth has leveled off. The average flow is expected to remain well below the current permitted limits.

Rules and Regulations: The WWMDC performed an extensive review of its Rules and Regulations to update, clarify and harmonize standards and procedures. Additionally, water conversation standards approved subsequent to the last revision of the Rules and Regulations were fully incorporated in the current version. The revised Rules and Regulations were tentatively approved by the Commission, subject to a review by the WWMDC's Executive Administrator for consistency with laws and best practices.

Transfer of Capacity to the Town Library: The WWMDC and the Board of Selectmen completed an agreement to transfer 820 GPD of discharge capacity to the Town of Wayland to use for the current Library Building, in exchange for a payment in lieu of Betterment of \$XX,XXX. As part of the transaction, one of the previous owner of the transferred capacity paid off outstanding operational charges and transferred the associated parcel of land to the Wayland Conservation Commission at no cost.

Administration and Finances: Income for FY2017 was \$xxxxxx. Of this amount \$xxxx represented betterment and interest payments, plus a \$xxxx contribution from the Town of Wayland as a "Payment in Lien of Betterment" for the Town Library. Operating income was \$xxxx, and operating expenses were \$xxx,xxx.

The WWMDC developed a budget for FY2018 of \$xxxxx. This includes \$xxxxxx operating income and expenses, and \$xxxxxx capital expenses (bond and interest payments). The rate set for users was \$xxx/per gallon, a(n) x% decrease from FY2017.

The Commission's undesignated fund balance at the end of FY2017 was \$xxx, of which \$xxx represents money collected to pay off the outstanding construction bonds and interest. At the end of FY 2017, the outstanding balance on the WTTF bonds was \$xxxxx.

The WWMDC engaged the Abrahams Group to review its financial management practices and to develop and automate standard monthly reporting. Additionally, the Abrahams Group was asked to evaluate the sufficiency of funds available to pay off bonds, to model a cash flow analysis over the lives of the bonds, as well as to examine the disposition of bond proceeds to quantify any leftover uncommitted funds. The Group's work was reviewed by the WWMDC in three meetings, and changes were implemented to support better management reporting of the WWMDC's finances.

Commission Membership and Staffing: The Wastewater Management District Commission began FY2017 with full membership: Fred Knight, chair; Sam Potter; and Rick Greene. Due to professional responsibilities, Sam Potter was frequently unable to attend meetings, and in June 2017 he asked that his term not be renewed. No replacement has been named. Jane Capasso continued as the WWMDC's part-time Account Specialist, working to resolve administrative issues, build teamwork with other town departments, and bringing greater order to the Board's financial reporting.

In the Spring of 2017, Town Administrator Nan Balmer met with the WWMDC to explore ideas having either the Director of Public Works or the Director of the Water Department to serve a part-time Executive Administrator (estimated at 20% FTE) to manage day to day technical issues related to system operations. Both individuals are professionally licensed and have experience managing wastewater systems. Although no agreement has been formalized, both individuals have offered advice and guidance when asked.

APPLICATION FOR BOARD OF HEALTH APPROVA  (Please Print ALL Application Information U	Ann#			
FEE SCHEDULE: (Checks payable to "Town of Wavland")	App# 20172101			
New Construction, Demolition, Addition, Porch, Garage \$150 Temp Mobile Home/Change of Use \$ 75; Deck \$ 50; Shed \$ 25 Private Pools: Above Ground Pool \$ 25; In Ground Pool \$100	Permit # 20170081			
Public/Semi Public Pool - \$ 200	Check # 1463 Fee Paid \$ 150 Clards of Ribiard			
Property Location: 3 LILLIAN WAY WAY	bud ma			
Property Owner(s): hhhuu Seth.	Rahor/mecha sel			
Proposes to Change / Construct / Demolish (please describe proje	ci): Finishing busemen			
This property is served by:  Subsurface Sewage Disposal System				
(check) I have, or may have wetlands, a stream, river, or other was the Conservation Commission regarding this project. Con	as Com submittal date ( Taplian VED			
Requirements for Items 1-6 are listed on the back of this application	1.3 (2047)			
1 to construct a new building. Lic, Refuse Hauler	TOWN OF WAY! AND			
<ol><li>to add to an existing dwelling or other existing building</li></ol>	80ARD OF HEALTH			
<ol> <li>to alter an existing dwelling or other existing building.</li> </ol>	*			
4.  to change the use of an existing dwelling or other existing building. Lic. Refuse Hauler				
5.  for additional use of an existing dwelling or other existing building. Lic. Refuse Hauler				
<ol><li>to demolish an existing dwelling or other existing build</li></ol>	ling Lie Refuse Hauler			
Contractor's Name: Ca LANGE CAPILED SUCS				
* There is an exemption you may qualify for if the property is single far (NO outside contractors) are undertaking ALL renovation activities (see Applicant Signature:	2 Dumo handout)			
The applicant warrants the truthfulness of the information in the application incorrect, the building permit may be revoked. If Agent: (check) authorized by the owner and I have been authorized by the owner as the	ttion and that if any of the information provided is			
Applicant Name CLEISON A RIBEING	(Owner / Spent Please Circle One)			
Full Address SS / Lewbil Due Framings	ham mpol201			
	and scapeschuces incegnall-			
WWMDC Authorization Approved Recipited  Approved ApproveDapproved ApproveDappr	3			
BOH Comments / Conditions:	ndo			
Approval Date: Board of Health (or A	gent):			
Board of Health approval only means that the proposed project does no and/or rules & regulations based on the information provided. It is exp in wastewater flow to the Town's sewer system (other than as authorize a system designed to accommodate that increased flow has been approved.	ected that the applicant will not cause any increase and by the WWMDC) or to the sentic system unless			

REALL SETHI 3 LILLIEN WAY, WAYLAND MA.

9/26/17 Connets from Darrer, HI+L Dept:

LOWER LEVEL With option to finish 831 SQ FT

This is the whole basement. Lad'I bathroom does not affect TV. 1+1 a convenience for the owner.



RECEIVED

S 1 4 2017

TOWN OF WAYLAND BOARD OF HEALTH

# TOWN OF WAYLAND - TOWN CLERK'S OFFICE NOTICE OF MEETINGS OF TOWN BOARDS/COMMITTEES/COMMISSIONS

Posted in accordance with the provisions of the Open Meeting Law

NAME OF BOARD/COMM: Wayland Wastewater Management District Commission

FILED By: Jane Capasso

DATE OF MEETING: Tuesday, 26 Sep 2017

TIME OF MEETING: 7:30 PM

PLACE OF MEETING: Wayland Town Building

#### PROPOSED AGENDA

Note: Items may not be discussed in the order listed or at the specific time. Times are approximate.

- 7:30 1. Call to order
- 7:31 2. Public comment
- 7:35 3. Review status of transfer of land and design flow from Wayland Meadows to Conservation Commission (land only) and to BoS (design flow only) to be allocated to 5 Concord Road.
- 7:40 4. Discussion with Whitewater team and Town Engineer on status of the WWTF. This is an annual review of WWTF operation. There is a little under 1 year left on the 3-year operation contract, and the discussion will focus on the past year's performance and expectations for the next year.
- 8:20 5. Status of WHS treatment facility and vote by Board of Health to request an Executive Director.
- 8:25 6. Paul Brinkman Activities:
  - A. Status of the Treatment Plant capital account and punch list.
  - B. Tata & Howard is doing the design and engineering for a new water main on Boston Post Road. Wastewater sewer line mark-outs will be done by Paul using current as built plans.
  - C. NPDES Permit Status of EPA approval.
  - D. Toxicity Report Status on change from quarterly to annually.
  - E. Who is responsible for the second pump station WhiteWater is managing?
  - F. Status of hiring DigSafe, a company to do mark-outs and system maintenance and a contractor for emergencies.
- 8:40 7. Wastewater Rules and Regulations Rick and Paul Brinkman will discuss possible changes.
- 8.50 8. Discussion and vote on increasing allotment for Account Specialist from 19 to 25 hrs/wk and upgrading of job classification from N-3 to N-4. The increased cost is about \$10,000/year. This would take effect in FY2019. After a successful vote tonight, chair will be arguing for an increase of hours to up to 25 hrs/wk and an upgrade from N-3 to N-4 classification to the Personnel Board on 16 October 2017. If this is successful, action will be taken for the FY2019 budget. Before this occurs, the WWMDC should approve the two requests for increased hours and new classification. Arguments in favor of this action are at the end of the agenda.
- 8:55 9. Approve minutes from previous meetings–16 Aug 2017.
- 9:00 10. Pay Bills, monthly budget update, year-to-date finances, and monthly commitments.

# 9:10 11. Other administrative items, if any:

- A. Verizon Upgrade for Treatment Plant and Pump Station
- B. Demand Letter and \$15 fee for users with account balances over \$100. First letter was sent September 18, 2017. Should I call?
- C. 21 Cochituate Road (Olde Collins Market) connected to the wastewater system on August 23, 2017.
- D. Update on the Health Department's topics: 356 BPR, Wayland Foreign Motors; Update on who is responsible for filling out the SSO report (Sanitary Sewer Overflow) and control over condominiums that are zoned as 2 bedrooms being sold as 3 bedrooms.
- 9:20 12. FY2019 draft budget to be approved by the Board tonight. FY19 Budget and Explanatory Statement of Change to be submitted by email to Beth Doucette on September 26, 2017.
- 9:30 13. Status of the approved annual report for submission. Board to approve and the final is due to MaryAnn DiNapoli on September 29, 2017. Pictures?
- 9:50 14. Topics not reasonably anticipated by chair 48 hours in advance of the meeting, if any.
- 9:55 15. Website status: recent postings and organization.
- 9:56 16. Calendar: upcoming meetings and events, including hearings.
- 10:00 17. Public Comment
- 10:05 18. Adjourn

# Agenda item 8. Discussion

After another year of continued need for more hours by the WWMDC Account Specialist and, in addition, increasing autonomy of the job, the chair is renewing a campaign to get the job up to 25 hrs/wk and upgraded from N-3 to N-4. For the calendar year to date, Jane has averaged 3.29 hrs/wk over her allotment of 19 hrs/wk. In addition, she continues to take on more responsibility for quarterly billing, monitoring condo sales, interacting with other Town departments on finances and budgeting, tracking expenses, interacting with the new Town Engineer on emergency response and system maintenance, and bringing other administrative needs to the attention of the WWMDC. These increases are additions to her already long list of tasks. Still, some tasks continue to be put off, e.g., reorganizing the web site and updating the betterment balance sheet.

The WWMDC chair would like to make two modifications to the position of Account Specialist for the WWMDC.

First, the job warrants an upgraded classification from N-3 to N-4 due to the large mount of autonomy now inherent in the job. The current positions in these categories are:

- N-3 Computer Technician
- N-3 Conservation Land Mgr-PT
- N-3 Human Resources Assistant
- N-3 Outreach Coordinator
- N-3 Recreation Program Asst PT
- N-3 WWMDC Account Specialist

N-4 Administrative Asst - Police

N-4 Benefits Manager

I think N-4 is reasonable. According to the Assistant Town Administrator, the hourly rate would go from \$25.89 to \$27.34, with an possible additional 2% increase due to negotiations, effective 1 July 2017. An argument in its favor is Jane has no Town employee as a supervisor. Another argument is that the original legislation envisioned a Director, which we never instituted. What seems important to me is the autonomy of the position. Even though the Account Specialist consults with the volunteer WWMDC chair, the incumbent acts without immediate supervision. The job description (<a href="http://www.wayland.ma.us/Pages/WaylandMA\_HR/desc/WWMDCas.pdf">http://www.wayland.ma.us/Pages/WaylandMA\_HR/desc/WWMDCas.pdf</a>) encompasses this independence, so the category of N-4 seems more appropriate.

Second, the job is not doable in under 19 hours/week, at its current level. When we hired Jane Capasso in June 2015, we were unsure how much time would be needed due to Jane being new to the Vadar and MUNIS town systems and requiring a learning curve on the WWMDC operations. I had thought that initially would be more than the amount being spent by Cindy Cincotta (11-18 hrs/week) who was familiar with all Town fiscal operations, but that the required time would subside as Jane got familiar with the job. It is evident now that there is more to the job on an on-going basis. Since Jane took on the job, there have been a number of additional time-consuming tasks. Some of these are the continued increase in the number of wastewater users as the Lillian Way condos have been built, the incorporation of the quarterly water billing system into the wastewater billing, a significant survey of the Town Center for Title V allocations that has turned up important information, a move of the wastewater operation from the Town Building to the DPW Building, the improved budgeting fidelity and better merging with other MUNIS account structures, understanding of the final disposition of the capital project of building the new Wastewater Treatment Facility, and a general increase in the number of tasks that will remain on an on-going basis.

As a result, I am proposing to increase the FY2019 budget by \$10,000. There needs to be approval by the Personnel Board, which will not occur until 16 Oct 2017 (earliest possible according to the Assistance Town Administrator).