

**WAYLAND WASTEWATER MANAGEMENT DISTRICT COMMISSION
MEETING OF 12 July 2017**

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

Absent: None

Guests: David Costello (National Development) Donald Martinage and John Martinage (Martinage Engineering), Annette Lewis, Cherry Karlson and Andy Oppenheim

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.

7:33 1. Call to order

7:31 2. Public comment – None.

7:35 3 Review 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. Documents have been approved by boards but not by Wayland Meadows. They are claiming \$1.3M value for land, but assessor says \$492k. Still waiting for signatures.

Rick and Fred signed the agreement to transfer the land from Wayland Meadows to the Conservation Commission and to take back the 380 gpd of sewer capacity.

7:37 4. National Development will attend the Board Meeting to discuss the design flow and their plans for future businesses. Analysis from the chair in response to National Development desire to add a 150-seat restaurant.

- A. 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, like the building of an on-site leaching field that was originally planned. The required design flow is 35 gpd/seat or 5,250 gpd.
- B. The WWMDC 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.
- C. My opinion is that 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 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.
- D. The WWMDC is eager to work with National Development to determine if sufficient Title V design flow for a 150-seat restaurant can be found. According to our Rules and Regulations, the only circumstance under which this can occur is a change in use, which National Development is contemplating. However, the stipulation under the ACO is a limit of 45,000 gpd design flow as defined by Title V from the entire Town Center (businesses, condos, and Municipal Pad). The WWMDC continues to rely on Title V allocations of design flow using the spreadsheet for the Town Center. Jane Capasso maintains this with up-to-date design flow allocations.
- E. Your attempt (see attached) at justifying a modification of the ratio of actual flow to design flow from the Title V-imposed factor of 2x to 1.4x is based on actual water use. This is something the WWMDC has not been willing to allow. A priori, the WWMDC is not willing to allow modification of this ratio. The only circumstance under which a Title V allocation is to be considered is when there is a permanent change in use justifying a smaller Title V allocation---not a change in the

ratio. Some users in our system are below 2x and others are above 2x based on water usage. In aggregate, it is true that the ratio is below 2x, but the WWMDCC remains convinced that modifying this in one case would allow all users to request it. In this case, the entire system could be in jeopardy of exceeding the limit of 3. above.

F. This discussion will consider the National Development proposal further.

Fred: The WWMDCC is under an Administrative Consent Order (ACO) controlling the treatment plant flow. Don Martinage indicated that possibly the ACO could be modified in the future. Fred: The WWMDCC has asked the Town Engineer, Paul Brinkman, to review how much of the ACO conditions have been satisfied with the hopes that the limit of 45,000 gpd of design flow could be changed. As a Commission, we are reluctant to make changes because it opens the gates for users to come to us when their flow is low and expect a modification. Don met with Kevin Brander, North East Region DEP, to discuss the WWMDCC ability to change its flow and the DEP guideline of 2X the allocation. Currently the actual flow is only 45% of Title V, which means that there is design flow available for use.

Fred: The WWMDCC is rereading the ACO and will be making changes. We are proceeding cautiously based on our history with the users pertaining to equity in the system and the consternation involved with the prior owners of the Town Center. If we come to a new way of establishing capacity, it will need to be equitable and consistent for all users. We are trying to avoid reevaluating all capacity.

Fred: Another aspect speaks to the actual flow and how much the facility can withstand. There is room for a lot more flow without building a leaching field. The flow will be based on Title V and as long as we don't exceed the actual flow that triggers more expenses. Rick: We also need to evaluate what added capacity will do to the costs to operate the plant such as added sludge. Kevin Brander's letter allows us to judge how much design flow we can handle. WWMDCC is not ready to say tonight to go ahead and add more design flow.

Jane reviewed the Town Center's Summary Schedule of Design Flow. The Town Center schedule is missing 1,320 gpd for the 2nd floor apartments and the 500 gpd for a two doctor office was not listed as an increase to the current allotted gpd. The Town Center is looking to add a 150 seat restaurant for an additional 5,250 gpd of design flow. This will be located to the left side of the Ace Hardware building. Dave Costello: They are trying to increase the activity at the TC. They have added outside music, decorative planters and Wailin Wednesdays, which is an outside concert night. The design flow for the Town Center, with the above additions, and the existing Lillian Way and Municipal Pad design flow totals 50,413 gpd, which is over the allocated 44,891 gpd. Fred: There is a Privilege Fee that is charged when design flow is increased to offset betterments currently being paid. Fred: We will reread and ACO and check to see if we have met all requirements. Then we will discuss meeting with the DEP and explaining our plans.

Annette: Does the law suit with Twenty Wayland affect the proposed changes in design flow allocation and charges? Fred will look into this. Cherry: The court decided on the dollar amount based on Title V numbers and the result of the calculation was in the settlement.

Dave: A restaurant and two new doctors are not lined up yet. Fred: The WWMDCC will probably approve this sooner rather than later.

- 8:06 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. Treatment Plant capital account, punch list and keys to the plant.

Paul, Fred and Jane met to discuss the above issues. Fred: For A and B we have identified a need for this based on the emergency excavation of a nicked line and the emergency to repair the ant siphon valve that ruptured. The WWMDC needs to have someone on call, with a retainer. Paul is looking at possible vendors and what we would be charged on an annual basis for emergencies. He is also calling DigSafe to find out what they charge and a contractor will be hired to do the mark-outs and to locate curb boxes and manholes. The As Built Plans for the route 20 area are fair and the Town Center As Built plans need to be located and scaled for use. The WWMDC will have an article at special town meeting to add on two reserve accounts to handle the costs incurred from the above changes to the FY18 Budget. The plan is for the accounts to be funded from retained earnings resulting in no change to the FY18 Budget and billing rates.

Operations review. Paul has reviewed WhiteWater's recent bills. In September, Paul plans to meet with the WhiteWater and the WWMDC. Paul talked to Chris, the treatment plant manager from WhiteWater. He plans to meet with him again to discuss billing charges and how to be more efficient.

Rules and regulations: Paul has comments and questions on the WWMDC Rules and Regulations. Rick will call Paul to discuss his comments.

Pumping Station: Paul found out there is a second pump station while he was talking to Chris. Fred is not aware of a second pump. Paul will look into this. It may be for the Lillian Way condominiums.

FY19 Budget: The process is starting with a meeting of Department Heads on Aug 2, 2017. Forecasting for potential capital items will also be discussed. Paul will discuss this with WhiteWater. Rick will talk with Paul about potential capital items.

Ben Keefe had keys made for the treatment plant. The keys will be distributed to Ben, Paul and one set will be in the key case at the DPW. Paul, Ben and Chris will meet and discuss the remaining punch list items as well as adding on other items that should have been done at the time of construction. For example: The Scada System was not fully installed, security cameras and fencing. Paul is researching the connection of the fans and vents.

- 8:34 6. May need a modification to FY18 Budget for approval at the STM to incorporate an emergency fund of ~\$30k. Town administrator suggests that WWMDC should have an article at fall STM. The document should be approved at our August Board meeting for submittal between 23-31 Aug 2017 to Nan. Suggested action to approve this FY2018 modification.

Two new accounts are proposed: 1) Pipeline Maintenance – DigSafe services and hiring a contractor to do mark-outs and maintenance work and 2) Emergency Maintenance – Hiring a contractor to handle emergency calls that the WWMDC is

responsible for. Fred will prepare the warrant article for approval at the WWMDCC August Board Meeting.

- 8:39 7. Approve minutes from previous meetings—13 June 2017 and 14 June 2017.

Fred: Motion to approve the June 13, 2017 meetings and the June 14, 2017 with the removal of item one. Rick second the motion. Approved 2-0.

- 8:30 8. Pay Bills, monthly budget update, year-to-date finances, and monthly commitments.

Review of the Preliminary June 30, 2017 fiscal year-end Monthly Operating Budget. Final adjusting entries will be made by Finance shortly. Betterments: Are billed based on the apportioned amount and the FY18 Budget is the bonded debt paid to the bank. Rick feels we should be able to predict what we receive and this should be reviewed for the FY19 budget.

Monthly bills reviewed Commitment reports signed.

- 9:00 9. Other administrative Items:

1. 19 Pelham Island Road - Moodz had a sewage spill on June 29, 2017. The Health Department and Town Engineer visited the sight. Owners may need to start digging to fix the partially failed check valve. Ben Keefe will fill out the SSO Report. Jane: Recent discussions with Ben and Julia Junghanns, Health Department, on who should fill out the report. Annette: Says the vendor is responsible for filling out the report. Jane will ask Julia for her recommendation. Rick: Would like the Health Department or the Town Engineer to do an inspection of Moodz to see what they are putting down their drains and are they following the Wastewater Rules and Regulations.
2. Update Jane's voice mail to include Ben Keefe and or Paul Brinkman - Jane will ask Paul if it is ok to use his name.
3. 356 Boston Post Road (Wayland Foreign Motors) – Julia Junghanns, Health Department, informed Jane that 356 BPR had failed their inspection and their best option was to connect to the WW System. There are 2 bays and no gas tanks. Title V is 150 gpd per service bay or 300 gpd of design flow. A privilege fee of approximately \$18,000 will need to be paid. Annette: For a failing system, a new user would have to show that they had the ability to have their own sewerage system before they could be accepted on the system. Fred will look into this.

Rick is working on an Application for Change in Discharge Capacity and a Connection Permit for new connections. Fred: Should a summary of Title V designations be included with the application? Fred feels the Health Department assigns Title V allocation. Rick will make changes to the application.

Annette: Look at the MWRA application as an example. Rick will do this and add a comment about what is allowed to go into sewerage system from our Rules and Regulations. A new form will be created within a week for Jane to give to the owner or 356 Boston Post Road. A privilege fee will be assessed and the calculation will be given with the form.

- 9:43 10. Topics not reasonably anticipated by chair 48 hours in advance of the meeting, if any.

27 Hastings Way – The Owner has asked if he should apply for an abatement for high water use for the third quarter. The Board discussed this last month and agreed they would make a decision based on the Water Department's decision. Jane presented

the Water Department's decision and the reasons the owner would like an abatement. Rick: Jane should have him fill out the abatement form as soon as the call is received. Jane will contact the owner and advise him to fill out the abatement application.

9:54 11. Website status: recent postings and organization.

Upgrade of the Town Website – Each department has been asked to identify which content on their site they would like converted over to the new Town Website. Fred emailed the IT Department asking questions. No response from IT. Fred will investigate.

9:55 12. Calendar: Upcoming meetings and events, including hearings.

The next WWMDC meeting will be August 16, 2017. Review of the WWMDC draft of the FY17 Annual Report will be added to the agenda.

9:58 13. Public Comment:

Annette: What type of account will the Emergency Fund be? She suggests it should be classified as a reserve fund?

Annette: Jane should add the date and who prepared each document presented at the Board Meetings.

Annette: The WWMDC has given capacity to people at other meetings. Is this allowed?
Fred: Our design flow is governed by the ACO. Annette: Didn't the court decision with Twenty Wayland deal with this? Fred: There were stipulations, but they were mainly monetary. Fred will look at this. Rick: The court decision said design flow was the deciding factor.

10:02 14. Adjourn

Attachments:

Wayland Meadows Agreement
Town Center Schedules
WWMDC Draft Rules and Regulations
FY18 Budget Changes
Monthly Operating Reports
Commitment Letter
27 Hastings Way Abatement Calculation

AGREEMENT
between
WAYLAND MEADOWS, LLC
and
TOWN OF WAYLAND

This Agreement is dated as of July __, 2017 and is entered into by and between Wayland Meadows, LLC, a Delaware limited liability company, having an address of 145 Rosemary Street, Suite E, Needham, Massachusetts 02494 (the “Owner”), and the Town of Wayland, a Massachusetts municipal corporation, acting by and through the Wayland Wastewater Management District Commission (the “WWMDC”) and the Town’s Conservation Commission (the “Commission”), both having an address of 41 Cochituate Road, Wayland, Massachusetts 01778 (collectively, the “Town”), with respect to (1) surplus unused sewer capacity relative to the connection of the Project to the Plant (as such terms are hereinafter defined); and (2) certain vacant land, shown as Lot 8 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, also referred to as Town of Wayland Assessor’s Parcel 023-052T (“Lot 8”).

WHEREAS, on August 10, 2006, the WWMDC entered into an agreement with Wayland Meadows Development, Inc., a Massachusetts corporation, having an address of 2 Washington Street, Foxborough, Massachusetts 01778 (the “Prior Owner”) relative to the connection of the residential units in the Wayland Commons Affordable Housing Development, together with associated improvements and infrastructure (the “Project”)

on the land then shown on Assessors Map 23, as Parcels 52D, 52E, 52G, 52H, 52J, 52K, 52L and 52M on and off Old Sudbury Road (Route 27), Wayland, Massachusetts (“Locus”) to the WWMDC-owned wastewater treatment plant located off Boston Post Road and Old Sudbury Road in Wayland, Massachusetts (the “Plant”); and

WHEREAS, the Owner acquired the Locus from the Prior Owner by deed dated December 4, 2009, recorded with said Registry of Deeds in Book 54521, Page 444 and filed with the South Middlesex Land Court Registry District as Document 1529383 with Certificate of Title 246145, and also received from the Prior Owner, as transferee, all permits and approvals relative to the Project; and

WHEREAS, the Owner has completed the Project and has surplus unused design flow sewer capacity it wishes to donate to the WWMDC; and

WHEREAS, the Owner owns Lot 8 and wishes also to donate said lot to the Town.

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. Transfer of Sewer Capacity. Effective as of August 31, 2016, the Owner hereby agrees to relinquish and transfer to the WWMDC, and the WWMDC hereby agrees to accept from the Owner, 380 gallons per day of unused surplus design flow sewer capacity allocated to the Project (the “Surplus Capacity”).

2. Donation of Lot 8. The Owner hereby agrees to convey, for no consideration, Lot 8 to the Town, acting by and through its Conservation Commission, and the Town hereby agrees to accept such conveyance of Lot 8, subject to the following terms and conditions:

(a) Lot 8 is to be conveyed by a good and sufficient quitclaim deed or deeds (the "Deed"), and said Deed shall convey a good and clear record and marketable title thereto, free from encumbrances, except:

- i. provisions of existing building and zoning laws;
- ii. such taxes for the then current year as are not due and payable on the date of the delivery of the Deeds;
- iii. any liens for municipal betterments assessed after the date of this Agreement; and
- iv. easements, restrictions and reservations of record, if any, so long as the same do not prohibit or materially interfere with the use of Lot 8 for conservation purposes.

It is understood and agreed by the parties that Lot 8 shall not be in conformity with the foregoing provisions of this Agreement unless (i) no building, structure or improvement of any kind belonging to any other person or entity shall encroach upon or under Lot 8; and (ii) title to Lot 8 and access thereto is insurable for the benefit of the Town by a title insurance company licensed to do business in the Commonwealth of Massachusetts at normal premium rates on a standard American Land Title Association Form B (Rev. 10-17-70 and 10-17-84), subject only to those printed exceptions to title normally included in the "jacket" to such form and the encumbrances listed above. Any title or practice matter which is subject of a title or practice standard of the Real Estate Bar Association of Massachusetts shall be governed by said title or practice standard to the extent applicable, unless otherwise specifically stated in this Agreement.

(b) the Town receives a satisfactory report, as determined in the sole discretion of the Town, from a consultant selected by the Town, regarding the environmental conditions directly and/or indirectly affecting Lot 8;

(c) the Town is permitted, upon 24 hours prior written notice the Owner, to have access to Lot 8 in order to inspect, take measurements, conduct surveys, perform tests including soil and water tests, and to make other reviews or investigations

thereof; provided, however, that the Town shall be solely responsible, at its sole cost and expense for any damage to Lot 8 or the Owner's adjacent property caused by the Town or its agents and for any losses incurred by the Owner as a result of the Town's activities hereunder;

(d) The Owner consents to and will not contest the taking of Lot 8 by eminent domain for the purpose of confirming and making clear the Town's title to Lot 8, provided such taking occurs after the transfer and conveyance pursuant to this Agreement.

(e) THE TOWN HEREBY ACKNOWLEDGES AND AGREES THAT LOT 8 IS BEING CONVEYED TO THE TOWN "AS IS", "WHERE IS" AND "WITH ALL FAULTS," WITHOUT ANY REPRESENTATION OR WARRANTY WHATSOEVER AS TO ITS CONDITION, INCLUDING, WITHOUT LIMITATION, ITS ENVIRONMENTAL CONDITION. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED HEREIN, IN NO EVENT SHALL THE OWNER HAVE ANY OBLIGATION HEREUNDER TO UNDERTAKE ANY CURATIVE ACTION WITH RESPECT TO ANY CONDITION OF LOT 8, INCLUDING, WITHOUT LIMITATION, ITS ENVIRONMENTAL CONDITION. THE PROVISIONS OF THIS SECTION 2(e) SHALL SURVIVE THE CLOSING.

3. **Closing.** The conveyance of Lot 8 to the Town (the "Closing") shall take place on a date designated by the Town by five (5) business days' prior written notice to the Owner, which date shall, in any event, be no later than July 31, 2017. At the Closing, the Owner shall deliver a duly-executed deed to Lot 8 to the Town, and the Town shall deliver to the Owner Internal Revenue Form 8283, attached hereto as Exhibit A, and a

letter confirming the charitable nature of the Owner's conveyance of Lot 8 to the Town in accordance herewith, substantially in the form attached hereto as Exhibit B. Time shall be of the essence hereof.

4. **Remedies.** The parties agree that, there being no adequate remedy at law for breach of this Agreement, it may be specifically enforced (subject to the limitations set forth in Section 2(e) above). Notwithstanding the foregoing, the Town shall not be responsible for any incidental or consequential damages incurred by Owner in connection with this transaction.

5. **Assignment.** Neither the Owner 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 successors and assigns.

6. **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 Owner and the Town.

7. **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.

8. **Entire Agreement.** This Agreement constitutes the entire agreement between the parties hereto with respect to the Surplus Capacity and Lot 8 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.

9. **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.

(Balance of Page Intentionally Left Blank; Signatures on Next Page)

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

Wayland Meadows, LLC
a Delaware Limited Liability Company,

By: Wayland Meadows Corporation,
Its Manager

By: _____
Donald A. Levine, President

Wayland Wastewater Management District
Commission

Wayland Conservation Commission

Wayland Board of Selectmen

Lea Anderson, Chair

Cherry C. Karlson, Vice Chair

Mary M. Antes

Louis M. Jurist

Douglas A. Levine

EXHIBIT A
INTERNAL REVENUE FORM 8283
(SEE ATTACHED)

EXHIBIT B

TOWN OF WAYLAND CHARITABLE DONATION LETTER

**Town of Wayland
41 Cochituate Road
Wayland, MA 01778**

June 30, 2017

**Wayland Meadows LP
02-0533557
145 Rosemary Street – Entry E
Needham, MA 02494**

Dear Wayland Meadows LP,

Thank you for your donation of 7.67 acres of land located at 0 Old Sudbury Road, Wayland, MA that was received on June 30, 2017.

In exchange for this contribution, no goods or services have been provided.

Please consult your accountant or tax professional for more information.

Sincerely,

Town of Wayland

Town Center Design Flow: With National Development Changes March 23, 2017

	GPD Design Flow			WWMDC Based on 4/12/17 Capacity Spreadsheet
Summary by Building	WWMDC Apr 2017	Nat'l Dev Mar 2017 Proposed	Nat'l Dev Change Mar 2017	Notes: See details on WWMDC Assessment 2016 worksheet
5A	4,365	4,365	-	Stop and Shop
1C	1,080	1,080	0	Sperry, Antons, Super Cuts, GNC, Vacant, Femiluxe
2C	1,101	1,101	(0)	Almaari Jewelry, Subway, Vacant (former Orange Leaf), Mattress Firm
2D	2,484	2,484	0	Takara, Vacant (former Petco), TC Orthodontics
2E	4,258	4,258	-	Bertucci's, Vacant
2F	1,356	1,356	0	Lauren Craig, Elements, Jos. A Bank, Prop. AT&T, 2 Vacant
2F	1,320	-	(1,320)	Apartments on second floor
2G	3,850	3,850	-	Panera
3A	7,120	7,120	-	Middlesex Bank, The Local
1A	1,314	1,314	0	Medical Care of Boston, Joint Ventures, Forever Slender
1A	900	1,400	500	Dr. Boch (Dentist), Dr Lavigne (Dentist), Wayland Personal Physicians. New: Two new doctors in Suite 204. Suite 204 has zero design flow since Wayland Personal Physician's was allocated the flow.
2A	2,275	2,275	0	TSI (Boston Sports Club), Pediatric Dental of Wayland, Amcomm Wireless
2B	1,000	1,000	-	Ace Hardware, Wayside Gourmet, Medpost Urgent Care.
2B	230	5,250	5,021	New: 150 seat restaurant in two vacant spaces 5,250 gpd.
Future 4A	-	-	-	Pad for Future Construction. Listed as retail by BOH/Bld Dpt
Total	32,651	36,853	4,202	Bld Dpt #'s include Future 4A and Other Capacity.
Missing Bldg 2F, 2nd Fl Apts		1,320	1,320	
Total with Mar 2017 changes	32,651	38,173	5,522	
Lillian Way	9,240	9,240	-	42 condos @ 220 gpd
Municipal Pad	3,000	3,000	-	
Grand Total 7/11/17	44,891	50,413	5,522	
Allowed Design Flow	45,000	45,000		
Unused/(Over Allocated) Design Flow	109	(5,413)		

Design Flow for Vacant Spaces in Gallons per Day - March, 2017 Changes

	WWMDC	Nat'l Dev	Additions	
73 Andrew (sp. 50/60)	113	113		Bldg 1C
61 Andrew (space 30)	320	320		Bldg 2C: Formerly Orange Leaf
15-21 Elissa (sp. 20/50)	184	184		Bldg 2D: Formerly Petco/Unleashed
14-20 Elissa (space 20)	58	58		Bldg 2E
41 Andrew (space 50)	134	134		Bldg 2F
43-45 Andrew (sp. 60)	200	200		Bldg 2F
109 Andrew (ste 204/sp. 240)	-	-	500	Bldg 1A: Wayland Personal Physicians using capacity. New: Two doctor practice at 500 gpd.
60 Andrew (space 10)	158	158	5250	Bldg 2B: New - 60 & 66 Andrew Ave will be combined for a 150 seat
66 Andrew (space 30)	72	72		Bldg 2B: New - 60 & 66 Andrew Ave will be combined for a 150 seat
80 Andrew (space 50)	100	100		Bldg 2B: Formerly Wayside Gourmet
Subtotal Vacant Space gpd	1,339	1,339	5,750	
Total Vacant Space gpd	1,339	-	6,859	Nat'l Dev total plus additions less original 60 & 66 Andrew gpd (158+72)

1Note: Green numbers were not included in the Nat'l Dev. Analysis

WAYLAND TOWN CENTER TENANT SF & GPD						
	Tenant		Sq. Ft.	Title V GPD Units	# of Dr's, Chairs, Seats	GPD
1	Stop & Shop	5A	45,000	97	1,000	4,365
2	Sperry Liquors	1C	2,000	50	1,000	100
3	Anton's	1C	900	50	1,000	45
4	Super Cuts	1C	1,250	100	7	700
5	GNC	1C	1,140	50	1,000	57
6	Vacant - 1C	1C	2,264	50	1,000	113
7	Lux Nails	1C	1,291	50	1,000	65
8	Almaari Jewelry	2C	2,000	50	1,000	100
9	Subway	2C	1,200	20	24	480
10	Vacant (Formerly Orange Leaf)	2C	1,620	20	16	320
11	Mattress Firm (Sleepy's)	2C	4,025	50	1,000	201
12	Takara	2D	2,000	35	60	2,100
13	Vacant - 2D (Formerly Petco/Unleashed)	2D	3,675	50	1,000	184
14	TC Orthodontics	2D	2,995	200	1	200
15	Bertuccis	2E	3,250	35	120	4,200
16	Vacant - 2E	2E	1,160	50	1,000	58
17	Lauren Craig	2F	1,866	100	6	600
18	Elements	2F	2,065	50	1,000	103
19	Jos. A Bank	2F	4,500	50	1,000	225
20	AT&T	2F	1,858	50	1,000	93
21	Vacant - 2F	2F	4,000	50	1,000	200
22	Vacant - 2F	2F	2,688	50	1,000	134
23	Panera Bread	2G	3,900	35	110	3,850
24	Middlesex Bank	3A	2,400	50	1,000	120
25	The Local	3A	6,000	35	200	7,000
26	Beth Israel Deaconess Medical Center	1A	5,138	250	4	1,000
27	Joint Ventures Physical Therapy, Inc.	1A	3,000	75	1,000	225
28	Forever Slender	1A	1,183	75	1,000	89
29	Dr. Jason A. Boch DMD LLC	1A	1,400	200	1	200
30	Dr. Courtney Lavigne DMD, LLC	1A	1,650	200	1	200
31	Wayland Personal Physicians	2A	2,475	250	2	500
*32	Vacant - 1A (2 Doctors Proposed)	2A	2,023	50	1,000	500
33	Boston Sports Club	2A	15,000	20	230	2,000
34	The Dental Place	2A	1,816	200	1	200
35	Verizon	2A	1,495	50	1,000	75
**36	Vacant - 2B Proposed 150 seat	2B	3,150	35	150	5,250
**37	Vacant - 2B Restaurant	2B	1,430			
38	Ace Hardware	2B	13,000	50	1,000	650
39	Wayside Gourmet	2B	2,000	50	1,000	100
40	Medpost	2B	3,150	250	1	250

36,852 gpd

Vacant Total= 6,439 gpd

* Allows for 2 doctors in last remaining medical office space

**Combines retail suites to create 150 seat restaurant

**WAYLAND TOWN CENTER SEWER FLOW SUMMARY
2-27-17**

Wastewater Permit Compliance Summary All Estimated Flows By Title V	2014 allowance Summary	2017 allowance Summary**
Total Wastewater Discharge Allowance	45,000	45,000
Less Phase 1 & 2 per KGI 2014 letter to DEP	-32,738	-36,852
Less Brendan Homes River Bend	-9,240	-9,240
Less Town of Wayland Allowance	-3,000	-3,000
Balance	22	-4,092

**Includes proposed 150 seat restaurant at 35 gals/
seat/day= 5,250 gpd Also includes for remaining
medical office vacancy, 2 doctors @ 250 gpd
=500gpd**

	2017 @ 1.4 Average Flow for Town Park Complex See Note *	2017 @ 2.0 Average Flow for Town Park Complex Note *
Total Wastewater Discharge Allowance	45,000	45,000
Less Phase 1 & 2 actual flow with multiplier for Max day plus proposed by TitleV. See Note *	-25,151	-33,171
Less Brendan Homes River Bend	-9,240	-9,240
Less Town of Wayland Allowance	-3,000	-3,000
Balance	7,609	-411

**Includes proposed 150 seat restaurant at 35 gals/
seat/day= 5,250 gpd Also includes for remaining
medical office vacancy, 2 doctors @ 250 gpd
=500gpd**

	2017 @ 1.4 Average Flow for Town Park Complex and River Bend See Note **	2017 @ 2.0 Average Flow for Town Park Complex and River Bend See Note ***
Total Wastewater Discharge Allowance	45,000	45,000
Less Phase 1 & 2 actual flow plus proposed by TitleV See Note *	-25,151	-33,171
Less Actual Brendan Homes River Bend water use (3,795)with multiplier for max day	-5,313	-7,590
Less Town of Wayland Allowance	-3,000	-3,000
Balance	11,536	1,239

**Includes proposed 150 seat restaurant at 35 gals/
seat/day= 5,250 gpd Also includes for remaining
medical office vacancy, 2 doctors @ 250 gpd
=500gpd**

***Note** Average Water meter flow for 2015 & 2016 =
13,366 GPD plus vacant stores estimated by Title V =
6,439 GPD . Multiplied by 1.4 =25,151 & by 2.0
=33,171

Note ** Final for 2015 & 2016 Flow meter at Town
WWTP Average discharge flow is 24,776 GPD with the
Max Daily flow registered at 33,979 GPD **Max/Avg
1.39 or 1.4**

Note*** Based on Mass DEP Guidelines for
Wastewater Treatment Design Twice the water meter
reading for Maximum Day.



*Civil - Environmental Engineers
& Land Surveyors*

MARTINAGE ENGINEERING ASSOCIATES, INC.

131 Main Street, Third Floor
Reading, MA 01867-3966

Tel: 781 944-4808
Fax: 781 944-9676
email: mea@martinageengineering.com

MEMORANDUM

DATE: March 23, 2017

RE: Wayland Town Center, Wayland, MA.
National Development
Town of Wayland Meeting Summary

Present: Scott Turner & David Costello (National Development), Don & John Martinage (MEA) and Town of Wayland representatives.

- Site was purchased August 2015
- National Development has been making many improvements for curbside appeal in the form of new planters, benches, exterior music and is continuing to make other improvements in terms of branding and signage.
- National Development would like to have a 150 seat restaurant located at the end cap of building 2b (adjacent to Ace Hardware) that would combine the 3,150 sf and 1,430 sf spaces.
- National Development is requesting permission from the Town of Wayland for an additional 5,520 gallons (150 seats X 35 gal/seat) for the restaurant. In addition, National Development is requesting 500 gallons (2) doctors for the last remaining vacancy in the medical office building.
- Local permit to construct 35 gal/seat Title V, 70 gal/seat Wayland
- Water usage records compiled by MEA from Town of Wayland Water Department indicate water use is 44% of Title V values.
- Originally, Brendan Homes (River Trail) was planned to be 88 homes, which changed to 42 homes.

- It was indicated that The Town of Wayland did have a Wastewater Management Plan done by Metcalf & Eddy in September 2007, which was based on the design flow of the treatment plant, which was 75,000 gallons. This value allowed was changed by EPA to only allow 52,000 gallons to be discharged to the Sudbury River. Wayland was receptive to having another updated and revised Wastewater Management Plan done by Metcalf & Eddy to reflect the 52,000 gallon discharge limit to the Sudbury River if it would be looked at positively from MassDEP as it relates to waiving the ACOP requirement which is in effect. National Development offered contingent on first approval from Zurich to pay a portion of revised study cost. Phone discussions need to take place between MassDEP and The Town of Wayland in regard to removing the ACOP. At the appropriate time, Town of Wayland to reach out to Metcalf & Eddy to obtain a quote for services to update plan.
- The Town of Wayland agreed that adding a restaurant would not only benefit Wayland Town Center, it would benefit the town as well and they are on board with this reasonable request benefitting Wayland Town Center.
- Discussion with wastewater commissioners regarding these issues needs to take place to get their approval.
- We have sent an email to Kevin Brander, Section Chief MassDEP regarding DEP's position to discuss terminating of ACO to Wayland if a management study was produced as part of the process. (We have not heard back from Kevin to date).

RULES AND REGULATIONS OF THE WAYLAND WASTEWATER MANAGEMENT DISTRICT COMMISSION

THESE RULES establish the regulations for the use of public sewers and ~~drains~~, the installation and connection of building sewers, and the discharge of water and wastes into the public sewer system(s) and providing penalties for violations thereof:

NOT DRAINS

WHEREAS, the Federal government has enacted and amended the Federal Water Pollution Control Act now known as the Federal Clean Water Act (33 U.S.C. 1150 et seq.) and the Town of Wayland desires to remain in compliance therewith, and

WHEREAS, the Town of Wayland, through the Wastewater Management District Commission desires to assure that the use of the public wastewater system operated by it will conform to standard sanitary engineering practices, and

WHEREAS, Chapter 461 of the Acts of 1996 of the Massachusetts Legislature authorizes the WWMDC to establish such Rules and Regulations, and

WHEREAS, the Town of Wayland desires to regulate the use of the public wastewater system operated by it:

NOW, THEREFORE, BE IT enacted by the Commissioners of the Wastewater Management District Commission of the Town of Wayland, Commonwealth of Massachusetts, as follows:

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ARTICLE I. DEFINITIONS

Section 1. Specific Definitions

Unless the context of usage indicates otherwise, the meaning of specific terms in these Rules and Regulations shall be as follows:

Act shall mean the Federal Clean Water Act, as amended.

ASTM shall mean the American Society for Testing and Materials.

BOD (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen used in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20°C, expressed in milligrams per liter.

Building Sewer shall mean the extension from a building wastewater plumbing facility to the public wastewater management system and includes any pump, grinder pump, or accessory equipment required to connect to the wastewater management system.

Capacity (or "Discharge Capacity") shall mean the wastewater discharge Design Flow (q.v.) assigned by the WWMDC to a user, based on guidelines set forth Title 5 in 310 CMR 15.203 of the Massachusetts General Laws (MGL). Capacity is expressed in Gallons per Day. In general, Capacity allocations should represent roughly double the expected average daily flow to allow sufficient capacity for periods of peak flows.

Connection Appeal shall be the sole means of disputing the Title 5 design flow assigned to a user by the WWMDC.

Connection Permit is the document that specifies the design flow, in GPD, assigned to a user. The Connection Permit needs to be approved by the WWMDC before the user connects to the wastewater management system.

Class I User shall mean all premises connected to the wastewater management system not classified as a Class II or Class III (Industrial) User.

Class II User shall include any property connected to the Wastewater Management System that has a wastewater strength that exceeds 250 milligrams per liter of BOD-5 and or 300 milligrams per liter of suspended solids based upon effluent monitoring, and is not classified as a Class III User.

Class III - Industrial User shall mean any nonresidential user identified in Division A, B, D, E, or I of the Standard Industrial Classification Manual. Class III shall also include any user that discharges wastewater containing toxic or poisonous substances, or any substance(s) which cause(s) interference in the wastewater management system.

Commission shall mean the Wayland Wastewater Management District Commission (also "the WWMDC").

Day shall mean the 24-hour period beginning at 12:01 a.m.

(TSS REFERENCES SM)

NEEDS CLARIFICATION

NOT CORRECT

IS THIS CAPACITY?

Design Flow refers to the formal term in Title 5 that designates the volume of a wastewater discharge allocation. Title 5 in 310 CMR 15.203 of MGL sets out guidelines for design flow for connected users based the type of occupancy (residential, commercial or industrial), the commercial or industrial use of the facility, and/or approved residential occupancy (per bedroom). When there is no applicable guideline for a specific type of commercial activity in Title 5, design flow is generally set at 200% of the average monthly flow over a one year period. All assigned design flows are assigned by the WWMDC, and must adhere to the stricter of the standards established by Title 5 or the Wayland Board of Health.

WHO IS CURRENTLY? (IF NONE THEN REGS DON'T WORK)

Director shall mean the Executive Director of the Wastewater Management District Commission or an authorized staff member acting on behalf of the Director or WWMDC.

Easement shall mean an acquired legal right for the specific use of land owned by others.

EPA shall mean the United States Environmental Protection Agency.

FOG

Flow or actual flow shall mean the actual amount of discharged wastewater, usually measured in gallons per day. For any facility that lacks a discharge meter at its sewage connection, discharge is assumed to be equal to the amount of water billed by the Town of Wayland Water Department in the billing period.

GPD or gallons per day shall be the measure of ~~actual flow and design flow~~. Both have units of volume/time, but flow is actual water consumed or wastewater produced, whereas design flow (q.v.) is a Title 5 concept used to size wastewater or sewer systems.

Garbage shall mean the solid animal and vegetable wastes resulting from the domestic or commercial handling, storage, dispensing, preparation, cooking, and serving of foods.

(TOO NARROW WHAT ABOUT PLASTIC/PAPER ETC)

Groundwater shall mean water within the earth.

Inspection shall mean any activity by a qualified WWMDC or Town official to determine that a user is in compliance with governing rules and regulations, local bylaws, state and federal statutes, ~~as well as issued permits.~~

Interference shall mean inhibition or disruption of any sewer system, wastewater treatment process, sludge disposal, or their operation, which ~~substantially~~ contributes to a violation of applicable discharge permits.

IN WHOLE OR IN PART

"May" is permissible, "shall" is mandatory.

the
NPDES shall mean ~~the~~ National Pollutant Discharge Elimination System permit program, ~~whether~~ administered by the EPA *AND* or by the Commonwealth of Massachusetts.

Owner shall mean the person or persons who legally own, lease, or occupy private property with wastewater management system that discharge, or will discharge to the Wayland wastewater management system.

CONFLICTS WITH DEFINITION

Person shall mean any individual, firm, company, association, society, partnership, corporation, municipality, or other similar organization, agency, or group.

pH shall mean the logarithm of the reciprocal of the hydrogen ion concentration expressed in grams per liter of solution as determined by Standard Methods.

Pretreatment shall mean the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater prior to discharge to the Wayland wastewater management system.

Pretreatment Standard shall mean any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) of the Act, which applies to Industrial Users.

Privilege Fee shall be a payment made by a user or potential user to obtain a new or increased allocation of discharge capacity. The Privilege Fee is determined by the WWMDC and the cost per GPD shall be reasonably equivalent to GPD cost paid by other users under the 2015 betterment declaration. Payment of a Privilege Fee entitles a user to the agreed capacity so long as sufficient discharge capacity is granted to the WWMDC by state and federal regulators, and the user remains in compliance with WWMDC rules and regulations.

PROPERLY SHREDDED GARBAGE?

Sanitary Wastewater shall mean wastewater discharged to the sanitary conveniences of dwellings, office buildings, industrial plants, or institutions.

..... ?

Sewer Use Discharge Permit Application shall be submitted by a potential user or existing user and is the means to obtain approval for a new connection to the Wayland Wastewater System, or an increase in assigned Title 5 design flow for an existing user.

Standard Methods shall mean the latest edition of *Standard Methods for the Examination of Water and Wastewater*, published by the American Public Health Association, Water Pollution Control Federation and American Water Works Association.

State shall mean the Commonwealth of Massachusetts.

Storm Sewer shall mean a sewer for conveying storm, surface, and other waters, which is ~~not intended to be transported to~~ a wastewater treatment facility.

PROHIBITED FROM AND TREATMENT AT

Surface Water shall mean water that occurs when the rate of precipitation exceeds the rate at which water may infiltrate into the soil.

NO MORE

Suspended Solids shall mean the total suspended matter that either floats on the surface of, or is in suspension in, water or wastewater, as determined by Standard Methods.

Title 5 shall mean the Massachusetts laws governing wastewater systems, codified in 310 CMR 15.

Town shall mean the ~~to~~ Town of Wayland, Massachusetts.

Toxics shall mean any of the pollutants designated by Federal regulations pursuant to Section 307(a)(1) of the Act.

Wastewater shall mean a combination of liquid and water carried wastes from residences, commercial buildings, industries, and institutions.

Wastewater Management System, (or System), shall mean the combination of the wastewater sewers and treatment facilities under the control of the Commission as defined in Chapter 461 of the Acts of 1996 of the Massachusetts Legislature.

Wastewater Sewer shall mean the structures, processes, equipment and arrangements necessary to collect and transport wastewater to the treatment facility.

Wastewater Treatment Facility shall mean the structures, processes, equipment and arrangements necessary to treat and discharge wastewater that are under management of the WWMDC.

WEF shall mean the Water Environment Federation.

WWMDC shall mean the Wayland Wastewater Management District Commission (also "the Commission").

Section 2. General Definitions.

- a) Unless the context of usage indicates otherwise, the meaning of terms in these Rules and Regulations and not defined in Section 1 above, shall be as defined in the *Glossary: Water and Wastewater Control Engineering* prepared by Joint Editorial Board of the American Public Health Association, American Society of Civil Engineers, American Water Works Association, and Water Environment Federation, copyright 1969.

TOO MANY DEFINITIONS
NEED TO CLARIFY
RESPONSIBILITY

Public?

LANGUAGE HERE POTENTIALLY
CONFLICTS

PROTECTION AND

ARTICLE II. GENERAL PROVISION

Section 1. Purpose

- a) The purpose of these Rules and Regulations is to provide for the maximum possible beneficial public use of the wastewater management system through regulation of sewer construction, sewer use, and wastewater discharges; to provide for equitable distribution of the costs of the wastewater management system; and to provide procedures for complying with the requirements contained herein.

Section 2. Scope

- a) The definitions of terms used in these Rules and Regulations are found in Article 1. The provisions of these Rules and Regulations shall apply to the discharge of all wastewater to facilities under the control of the WWMDC. These Rules and Regulations provides for use of the wastewater management system, regulation of sewer construction, control of the quantity and quality of wastewater discharged, wastewater pretreatment, equitable distribution of costs, ~~assurance that existing customers' capacity will not be preempted,~~ approval of sewer construction plans, minimum sewer connection standards and conditions, water conservation standards, and penalties and other procedures in cases of violation of these Rules and Regulations.
- b) These Rules and Regulations shall apply to the Town of Wayland and users of the wastewater sewers or wastewater treatment facilities.

WHERE ARE THEY?

Section 3. Administration

- a) Except as otherwise provided herein, the Director or the WWMDC itself shall administer, implement, and enforce the provisions of these Rules and Regulations.

WHO IS?

Section 4. Notice of Violation

- a) Any person found in violation of these Rules and Regulations or any requirement of a permit issued hereunder, may be served with a written notice stating the nature of the violation and providing a reasonable time limit for compliance. Any such notice given shall be in writing and served in person or by registered or certified mail. The notice shall be sent to the last address of the violator known to the Director. Where the address is unknown, service may be made upon the owner of record of the property involved. If satisfactory action is not taken in the time allotted by the notice, Section 5 of this article shall be implemented.

Section 5. Violations

- a) Any person who continues to violate the provisions of these Rules and Regulations beyond the time limit provided for in Section 4 above, may be charged with commission of a misdemeanor and upon conviction thereof, shall be fined not more than the maximum amount allowed by law, for each day the violation continues, or may be subject to disconnection from the - wastewater management system.
- (b) Each day or portion thereof a violation continues shall constitute a separate violation.

WHAT IS SOURCE OF THIS?

COMMISSION?
ENTERPRISE FUND?

Section 6. Payment Schedule for Fees

- a) All fees and charges payable under the provisions of these Rules and Regulations shall be paid to the Town. Such fees and charges shall be established from time to time by the WWMDG.
- b) All fees, penalties and charges collected under these Rules and Regulations shall be used for the sole purpose of constructing, operating, maintaining, or replacing the wastewater management system of the Town, establishing reserves, or the retirement of debt incurred for same.
- c) All fees and charges payable under the provisions of these Rules and Regulations are due and payable within thirty (30) days of the receipt of notice of charges. Unpaid charges shall become delinquent and shall be subject to penalty and interest charges as provided by law. Bills unpaid for ninety (90) days shall be turned over to the Board of Assessors for collection as a lien against the property.

SHOULD
BE ON
NEVER
SEEK
W/FEDS

Section 7. Inspections

- a) The Director, bearing proper credentials and identification, shall be permitted to enter properties at any reasonable time for the purposes of inspection, observation, measurement, and sampling of the wastewater discharge to ensure that discharge to the wastewater management system is in accordance with the provisions of these Rules and Regulations.
- b) The Director, bearing proper credentials and identification, shall be permitted to enter all private property through which the Town holds an easement for the purposes of inspection, observation, measurement, sampling, repair, and maintenance of any of the wastewater management system lying within the easement. All entry and any subsequent work on the easement shall be done in full accordance with the terms of the easement pertaining to the private property involved.
- c) While performing the necessary work on private properties referred to in Sections 7(a) and (b) above, the Director shall observe all reasonable safety rules established by the owner or occupant of the property and applicable to the premises.
- d) During the performance of inspections on private properties, wastewater sampling, or other similar operations referred to in Sections 7(a) and (b) above, the owner and occupant shall be: (1) held harmless for personal injury or death of the Director and the loss of or damage to Town supplies or equipment; (2) indemnified against loss of or damage to property of the owner or occupant by the Director; and (3) indemnified against liability claims asserted against the owner or occupant for personal injury or death of the Director or for loss of or damage to property of the Town, except as such may be caused by negligence or failure of the owner or occupant to maintain safe conditions as required by Articles III and IV of these Rules and Regulations.

WHAT ABOUT OBSERVATION OF EQUIPMENT
DEVICES, ETC CONNECTED TO "SYSTEM"
CONSTRUCTION

Section 8. Vandalism

- a) No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance or equipment which is a part of the wastewater management system. Any person who violates this section shall be charged with a misdemeanor and, upon conviction, is punishable by a fine in an amount not to exceed the maximum allowed by law.

Section 9. Severability

- a) A finding by any court or other jurisdiction that any part or provision of these Rules and Regulations is invalid shall not affect the validity of any other part or provision of these Rules and Regulations which can be given effect without the invalid parts or provisions.

Section 10. Amendments of the Rules and Regulations

- a) These Rules and Regulations may be revised from time to time by formal vote of the WWMDC.

ARTICLE III. BUILDING SEWERS AND CONNECTIONS

Section 1. General

- a) Modifications to design flow, either through a new connection, an increase of design flow, or a decrease of design flow, are handled by the WWMDC in cooperation with the Board of Health. The process is outlined in Section 2 of this article. Each specific type of modification is discussed in the following three sections (3, 4, and 5).
- b) No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any wastewater management system under the control of the WWMDC without first submitting a completed Sewer Use Discharge Permit application and getting an approved Connection Permit from the WWMDC.

Section 2. Applying for a New Connection or a Change in Assigned Design Flow

- a) The general outline of the Connection Permit application process is as follows:
 1. The WWMDC and Board of Health provide user with Title 5 guidelines and design flow.
 2. The User completes Sewer Use Discharge Permit Application for new design flow or alteration of design flow.
 3. The WWMDC determines if the System can allow new design flow.
 4. If approved, the WWMDC or Director issues a Connection Permit upon payment of any administrative or privilege fees.

Section 3. Applying for a New Connection

- a) There shall be three (3) classes of Connection Permits: Class I, Class II, and Class III industrial. In all cases, the owner shall make application for a permit to connect to the wastewater management system on a form furnished by the WWMDC. The Sewer Use Discharge Permit Application shall be supplemented by any relevant information required to administer these Rules and Regulations. Any necessary permit and inspection fees, as established by the WWMDC, for a Class I, Class II, or Class III Connection Permit, shall be paid to the Town at the time the application is filed.
- b) The Sewer Use Discharge Permit Application shall specify the amount of Title 5 design flow desired by the owner and shall be consistent with Title 5 guidelines in 310 CMR 15.203. If the user's business or residence is not specifically called out in 310 CMR 15.203 (1)-(5), then 310 CMR 15.203(6) ("the 200% rule") of Title 5 allocation shall apply, namely that the design flow shall be set to double existing water use. However, if

*PLAN OF CX?
OBSERVATION
OF
INSTAN?*

*ALLOCATION OF COSTS
CAPITAL*

*NOT RELATED TO
ACTUAL FLOWS.
COSTS.*

no water use exists and the entity is not called out specifically in Title 5, the WWMDC, in consultation with the Board of Health, shall assign a Title 5 design flow.

The Commission shall determine if the System can accommodate the requested design flow and, if so, shall issue a Connection Permit. A privilege fee may be levied upon any such user seeking new or additional capacity at a rate determined by the WWMDC at the time of such application. The amount of the privilege fee and payment terms for the fee will be set forth in the grant of the capacity.

Section 3. Process for Increasing Discharge Design Flow

- a) A request by a user to increase discharge design flow must be related to material change in the building (e.g. additional square footage) or use (e.g. change of business activity) of the connected property. All changes must comply with relevant State and Town laws and regulations. Any request by a connected user to increase assigned design flow must be consistent with Title 5 guidelines in 310 CMR 15.203.
- b) The user must submit a completed Sewer Use Discharge Permit application as described above in Section 2. The change must be pre-approved by the Board of Health.
- c) The WWMDC shall determine if the System can accommodate the requested change and, if so, shall issue a Connection Permit. A privilege fee may be levied upon any such user seeking new or additional capacity at a rate determined by the WWMDC at the time of such application. The amount of the privilege fee and payment terms for the fee will be set forth in the grant of the capacity.

Section 4. Process for Surrendering Discharge Design Flow

- a) Any request by a connected user to surrender assigned design flow capacity and return it to the WWMDC must reflect a permanent, material change in the building on the property (e.g. demolition), or a change in use (e.g. long-term change in business use). Once a user has surrendered design flow capacity and it has been accepted by the WWMDC, the building has no further claim to the capacity at a future date, notwithstanding any payments made or costs incurred by the user.
- b) The WWMDC may accept the surrendered capacity if it determines that such an action is in the interest of all system users; the WWMDC is under no obligation to accept any offer to surrender capacity if it determines this could have negative consequences for other system users.
- c) If the WWMDC accepts surrendered capacity, the user is no longer responsible for future operational changes. The WWMDC is under no obligation to compensate the user for paid or outstanding betterment assessment changes, or previously billed connection charges, privilege fees, or operational fees.

Section 5. Connection Costs

- a) The costs and expenses incidental to the building sewer installation and connection to the wastewater management system shall be borne by the owner. The owner shall indemnify the Town and WWMDC from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

PROVIDES CONFLICT WITH "COMMISSION OWNS MAINS ONLY" Rev. 05-17-17

CONFUSING/BETTER TO PROVIDE OVERVIEW AND PUT POWER TO COMMA.

Section 6. Separate Connections Required

- a) A separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another on an interior lot and no private sewer pipe is available or can be constructed to the rear building through an adjoining alley, court yard, or driveway, the building sewer serving the front building may be extended to the rear building and the whole considered as one building sewer. The Town and WWMDC assume no obligation or responsibility for damage caused by or resulting from any single building sewer that serves two buildings.

ONE WORD

SUBJECT TO APPROVAL BY COMMISSION

Section 7. Building Sewer Design

- a) The size, slope, alignment, construction materials, trench excavation and backfill methods, pipe placement, jointing and testing methods used in the construction and installation of a building sewer shall conform to the building and plumbing code or other applicable requirements of the Town, including the Board of Health, or the Commonwealth of Massachusetts. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the ASTM and WEF shall apply.

Section 8. Building Sewer Elevation

- a) Whenever practicable, the building sewer shall be brought to a building at an elevation below the basement floor. In buildings in which any building drain is too low to permit gravity flow to the Town's wastewater sewer, wastewater carried by such building drain shall be lifted by an approved means and discharged to a building sewer connected to the Town sewer.

DOESN'T FIT WHAT HAS BEEN BUILT

REFER TO HAVE IT NOT COMMON RESPONSE

Section 9. Surface Runoff and Groundwater Drains

- a) No person shall connect roof, foundation, sump pump, areaway, parking lot, roadway, or other surface runoff or groundwater drains to any sewer that is connected to a wastewater treatment facility unless such connection is authorized in writing by the Director.

SURELY PROHIBITED

Section 10. Conformance to Applicable Codes

- a) The connection of a building sewer into a wastewater sewer shall conform to the requirements of the building and plumbing code or other applicable requirements of the Town or Commonwealth of Massachusetts, or the procedures set forth in appropriate specifications of the ASTM or the WEF. The connections shall be made gas-tight and watertight and verified by proper testing. Any deviation from the prescribed procedures and materials must be approved in writing by the Director before installation.

SAME AS ABOVE

Section 11. Connection Inspection

- a) The applicant for a building sewer connection permit shall notify both the WWMDC and the Board of Health when such sewer connection is ready for inspection prior to its connection to the WWMDC's facilities. Such connection and testing as deemed necessary by the Board of Health shall be made under the supervision of the Board of Health.

WITNESS BACKFILL, TESTING, RECORDS?

Section 12. Excavation Guards and Property Restoration

- a) Excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Town.

REQUIRES DPN PERMITS

Section 13. Protection of Capacity for Existing Users

- a) The Director shall not issue a permit for any connection to the wastewater sewers or wastewater treatment facilities unless there is sufficient capacity, not legally committed to other users, in the wastewater sewers and treatment facilities to convey and adequately treat the quantity of wastewater which the requested connection will add to the system.

NOT NECESSARY NPOES GOVERNS COMM.

Section 14. Building Sewer Maintenance

- a) The Owner shall be responsible for the operation and maintenance of the building sewer, including all pumping facilities, as defined in Article I.

NOT CLEAR; GOES TO LEGIS.

ARTICLE IV. CONDITIONS TO USE SEWERS

Section 1. Water Conservation Rules

(OVERSTEPS A LITTLE)

MASS?

- a) The conservation of water and energy shall be encouraged by the Director. In establishing discharge restrictions upon industrial users, he/she shall take into account already implemented or planned conservation steps revealed by the Class III user. Upon request of the Director, each industrial user will provide the Director with pertinent information showing that the quantities of substances or pollutants have not been nor will be increased as a result of the conservation steps. Upon such a showing to the satisfaction of the Director, he/she shall make adjustments to discharge restrictions, which have been based on concentrations, to reflect the conservation steps.
- b) All users requiring a connection permit under Article III, Section 1 of these Rules and Regulations that meet the applicability criteria defined in paragraph (c) of this Section shall be subject to the Water Conservation Performance Standards listed in Table 1.
- c) The requirement to comply with the Water Conservation Performance Standards applies to all New Construction or Significant Renovation over the Threshold Size that has not received a Certificate of Occupancy as of the effective date of this amendment to the WWMDC Rules and Regulations.
 - i) New Construction or Significant Renovation is defined as (1) the construction of a new building for which a Certificate of Occupancy is required or (2) an increase in the square footage of a building or structure of greater than or equal to 25 percent or (3) an increase in design flow of a building or structure, as calculated pursuant to 310 CMR 15.203, of greater than or equal to 25 percent or (4) the addition of one or more bedrooms to an existing building.



THIS SEEMS COUNTER TO TITLE CITATIONS

- ii) The Threshold Size is defined as a peak day flow of 100 gallons per day for commercial uses and 440 gallons per day for residential uses. In calculating the peak day flow, the user must consider the entire building or structure and not just the addition or renovation. For users with evaporative cooling systems, estimated peak day flow must include estimated cooling tower blow down volumes.
- d) The Water Conservation Performance Standards (Table 1) apply only to new plumbing fixtures or water using devices installed in New Construction or Significant Renovation; the Standards do not apply to existing plumbing fixtures or water using devices in the same building or structure. The user shall present plans in compliance with these regulations prior to issuance of a building permit. The user shall demonstrate compliance with the Water Conservation Performance Standards to the satisfaction of the WWMDC prior to the issuance of the Certificate of Occupancy for the New Construction or Significant Renovation.

Table 1: Water Conservation Performance Standards				
Water Saving Fixtures				
Appliance/Fixture	Residential		Commercial	
	Baseline Water Usage	Water Conservation Performance Standard	Baseline Water Usage	Water Conservation Performance Standard
Toilet	1.6 gal/flush	1.3 gal/flush	1.6 gal/flush	1.3 gal/flush
Urinal			1.0 gal/flush	0.5 gal/flush
Shower	2.5 gpm (showerhead)	2.0 gpm (showerhead)		
Residential Clothes Washer	Varies	6.0 Water Factor (See Note 3)		
Lavatory Faucet	2.2 gpm	1.5 gpm	2.2 gpm	1.5 gpm
Commercial pre-rinse spray valves			1.6 gpm	1.4 gpm
Kitchen Faucet	2.2 gpm	2.2 gpm		
Residential Dish Washer	Varies	5.0 gal/cycle		
Dishwasher Single Tank Rack Conveyor - High Temp			1.13 gal/rack	0.700 gal/rack
Dishwasher Single Tank Rack Conveyor - Low Temp			1.23 gal/rack	0.790 gal/rack
Dishwasher Multi-Tank Rack Conveyor - High Temp			1.1 gal/rack	0.540 gal/rack
Dishwasher Multi-Tank Rack Conveyor - Low Temp			0.99 gal/rack	0.540 gal/rack
Ice Machine			<25 gal/100 lbs ice	25 gal/100 lbs ice
Ice Machine Self Contained Unit			<35 gal/100 lbs ice	35 gal/100 lbs ice
Notes:				
1) Baseline values are based on the Massachusetts State Plumbing Code and values published by the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Program. These values are presented for reference only.				
2) Water Conservation Performance Standard values are based on the U.S. Environmental Protection Agency, Water Sense and Energy Star programs, and LEED documents.				
3) The Water Factor is a water performance metric published by the U.S. Environmental Protection Agency Energy Star Program that allows the comparison of clothes washer water consumption. $WF=Q/C$, where Q is the quotient of the total weighted per-cycle water consumption, and C is the capacity of the clothes washer.				

ARE THERE ANY?

- THINK THIS CAN GO TO DAYWELL
- e) All users requiring a connection permit under Article III, Section 1 of these Rules and Regulations that install a new evaporative cooling system shall be prohibited from using a single pass cooling system. In addition, such users are subject to the following requirements:
 - i) At least 10 days prior to the installation of a new cooling system, the user shall submit a written estimate of the daily volume of tower blow down for the new evaporative cooling system to the WWMDC. This estimate of the daily volume of tower blow down shall be based on seasonal periods when the largest monthly blow down volumes are expected and should be calculated and stamped by a Massachusetts Registered Professional Engineer.
 - ii) All new evaporative cooling system towers shall have separate blow down metering systems to monitor and record blow down water volumes. Blow down water volumes shall be reported to the WWMDC on a monthly basis.
 - iii) At least 10 days prior to the installation of a new [heating or] cooling system, the user shall submit a list of any chemical additives to be used in the system as well as the estimated amount of their use. All chemical additives used in new [heating] or cooling systems shall be approved by the WWMDC prior to use to ensure compatibility with the treatment system and effluent limits.
 - f) For the purposes of evaluating the effectiveness of this Article and of the Rules and Regulations generally, the WWMDC may require any user requiring a connection permit under Article III, Section 1 of these Rules and Regulations, whether the connection is existing or new, to meter actual flow to the Wastewater Sewer. ?
 - g) If in the sole discretion of the WWMDC, full compliance with this Article IV represents an unreasonable hardship to the user, as measured by costs disproportionate to the benefits of full compliance, the WWMDC may waive any requirement imposed pursuant to paragraphs (b) through (f) of this Article.

Section 2. Restricted Discharges

- a) No person shall discharge or cause to be discharged to any of the Town's wastewater management system any substances, materials, waters, or wastes in such quantities or concentrations which will:

- 10% ~~less~~
- i) Create a fire or explosion hazard including, but not limited to, gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas;
 - ii) Cause corrosive damage or hazard to structures, equipment, or personnel of the wastewater management system, but in no case discharges with the following properties:
 - iii) having a pH lower than 5.0 or greater than 10.0 for more than 10% of the time in a 24 hour period; (2.5 NEVER)
 - iv) having a pH lower than 3.5 or greater than 12.0 for any period exceeding 15 minutes.

HAZARDOUS MATERIALS OR WASTE

- v) Cause obstruction to the flow in sewers, or other interference with the operation of wastewater management system due to accumulation of solid or viscous materials. If the drainage or discharge from any establishment causes a deposit, obstruction, or damage to any of the Town's wastewater management system, the Director shall cause the deposit or obstruction to be promptly removed or cause the damage to be promptly repaired. The cost for such work, including materials, labor, and supervision shall be borne by the person causing such deposit, obstruction, or damage.
- vi) ~~Constitute a rate of discharge or substantial deviation from normal rates of discharge, ("slug discharge"), sufficient to cause interference in the operation and performance of the wastewater management system;~~ *OR MASS OF POLLUTANT*
- vii) Contain heat in amounts which will accelerate the biodegradation of wastes, causing the formation of excessive amounts of hydrogen sulfide in the wastewater sewer or inhibit biological activity in the wastewater treatment facilities, but in no case shall the discharge of heat cause the temperature in the Town wastewater sewer to exceed ~~58° C (150° F)~~ or the temperature of the influent to the treatment facilities to exceed 40° C (104° F) unless the facilities can accommodate such heat; *50° C*
- viii) Contain more than 100 milligrams per liter of non-biodegradable oils of mineral or petroleum origin; *(TOO GENEROUS)*
- ix) Contain floatable oils, fat, or grease; *FOG REGULATIONS?*
- x) Contain noxious, malodorous gas or substance which is present in quantities that create a public nuisance or a hazard to life;
- xi) Contain radioactive wastes in harmful quantities as defined by applicable state and federal regulations;
- xii) Contain any garbage that has not been properly shredded; *(LPS SYSTEM CONFLICTS WITH THIS)*
- xiii) Contain any ~~odor or color producing~~ substances exceeding concentration limits that may be established by the Director for purposes of meeting the WWMDC's NPDES permit.

Section 3. Federal Categorical Pretreatment Standards *(SUS)?*

- a) No person shall discharge or cause to be discharged to any wastewater management system, wastewater containing substances subject to an applicable Federal Categorical Pretreatment Standard promulgated by EPA in excess of the quantity prescribed in such applicable pretreatment standards except as otherwise provided in this section. Compliance with such applicable pretreatment standards shall be within three (3) years of the date the standard is promulgated; provided however, compliance with a categorical pretreatment standard for new sources shall be required upon promulgation.
- b) Upon application by a Class III user, the Director shall revise any limitations on substances specified in the applicable pretreatment standards to reflect removal of the substances by the wastewater treatment facility. The revised discharge limit for specified substances shall be derived in accordance with Federal law. *25,000 GPD 5% OF FLOW FED CAT.*

THIS INCLUDES SOME NON-FED CAT.

- c) Upon application by a Class III user, the Director shall adjust any limitation on substances specified in the applicable pretreatment standards to consider factors relating to such person which are fundamentally different from the factors considered by EPA during the development of the pretreatment standard. Requests for and determinations of a fundamentally different adjustment shall be in accordance with Federal law.
- d) The Director shall notify any Class III user affected by the provisions of this Section and establish an enforceable compliance schedule for each.

Section 4. Special Agreements

- a) Nothing in this article shall be construed as preventing any special agreement or arrangement between the Town and any user of the wastewater management system whereby wastewater of unusual strength or character is accepted into the system and specially treated subject to any payments or user charges as may be applicable.

TOWN'S
GREASE TRAPS?

ARTICLE V. CLASS III INDUSTRIAL DISCHARGERS

(ARE THERE ANY?)

Section 1. Information Requirements

- a) All Class III dischargers shall file with the Town wastewater information deemed necessary by the Director for determination of compliance with this Ordinance, the Town's NPDES permit conditions, and state and Federal law. Such information shall be provided by completion of a questionnaire designed and supplied by the Director and by supplements thereto as may be necessary. Information requested in the questionnaire and designated by the discharger as confidential is subject to the conditions of confidentiality as set out in Section 1 (c) of this article.
- b) Where a person owns, operates or occupies properties designated as a Class III discharger at more than one location, separate information submittals shall be made for each location as may be required by the Director.
- c) The Director shall implement measures to ensure the confidentiality of information provided by a Class III discharger pursuant to these Rules and Regulations. In no event shall the Director delegate this responsibility or disclose any claimed confidential information to any person without prior notice in writing to the owner and without providing the owner with the opportunity to protect such confidential information, including the right to seek judicial relief.

IS THERE ONE?

Section 2. Provision for Monitoring

- a) When required by the Director, the owner of any property serviced by a building sewer carrying Class III wastewater discharges shall provide suitable access and such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastewater. Such access shall be in a readily and safely accessible location and shall be provided in accordance with plans approved by the Director. The access shall be provided and maintained at the owner's expense so as to be safe and accessible at reasonable times.

- b) The Director shall consider such factors as the volume and strength of discharge, rate of discharge, quantities of toxic materials in the discharge, wastewater treatment facility removal capabilities, and cost effectiveness in determining whether or not access and equipment for monitoring Class III wastewater discharges shall be required.
- c) Where the Director determines access and equipment for monitoring or measuring Class III wastewater discharges is not practicable, reliable, or cost effective, the Director may specify alternative methods of determining the characteristics of the wastewater discharge which will, in the Director's judgement, provide an equitable measurement of such characteristics.

Section 3. Determination of Wastewater Characteristics

- a) Measurements, tests, and analyses of the characteristics of wastewater to which reference is made in these Rules and Regulations shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Waste water," published by the American Public Health Association or such alternate methods approved by the Director and which comply with state and Federal law. Sampling methods, locations, times, duration, and frequencies are to be determined on an individual basis subject to approval by the Director. The discharger shall have the option to use, at his own expense, more complete sampling methods, locations, times, duration, and frequencies than specified by the Director.
- b) Measurements, tests, and analyses of the characteristics of wastewater required by these Rules and Regulations shall be performed by a qualified laboratory. When such analyses are required of a discharger, the discharger shall make arrangement with a qualified laboratory to perform such analyses.
- c) Monitoring of wastewater characteristics necessary for determination of compliance with applicable pretreatment standards shall be conducted on the basis of the following schedule, unless more frequent monitoring is required by authority other than these Rules and Regulations, or if the Director, in his/her judgement, determines that the characteristics of the specific discharge warrant a different frequency monitoring:

<u>Average Actual Daily User Discharge</u>	<u>Monitoring Frequency</u>
• less than 1,000 gpd	semiannually
• 1,000 to 2,000 gpd	quarterly
• more than 2,000 gpd	monthly

- d) Monitoring of wastewater characteristics for any purpose other than the determination of compliance with pretreatment standards shall be conducted on a frequency deemed necessary by the Director.
- e) Upon demonstration by any person that the characteristics of the wastewater discharged by that person are consistent, the Director may reduce the frequency as maybe required by authority other than these Rules and Regulations, except in no case shall the frequency of monitoring be less than semiannual for the determination of compliance with pretreatment standards.

- f) In determining the discharge characteristics factors such as continuous or batch operation, and seasonal operation and the information requirements of other provisions of these Rules and Regulations shall be considered by the Director. The Director may obtain wastewater samples as required to verify the consistency of discharge characteristics.
- g) Fees for any given measurement, test, or analysis of wastewater required by these Rules and Regulations and performed by the Town shall be the same for all classes of dischargers, regardless of the quantity or quality of the discharge and shall reflect only direct cost. Costs of analyses performed by an independent laboratory at the option of discharger shall be borne directly by the discharger.

ARTICLE VI. PRETREATMENT

Section 1. Wastewaters with Special Characteristics

- a) While the Director may initially rely upon the Federal Categorical Pretreatment Standards to protect wastewater management system or receiving waters, if any wastewater which contains substances or possesses characteristics shown to have deleterious effect upon the wastewater management system, processes, equipment, or receiving waters, or constitutes a public nuisance or hazard, is discharged or is proposed for discharge to the wastewater sewers, the Director may:
 - i) Require pretreatment to a condition acceptable for discharge to the waste water sewers,
 - ii) Require control over the quantities and rates of discharge,
 - iii) Require payment to cover added cost of handling and treating the waste waters not covered by existing fees or charges,
 - iv) Require the development of compliance schedules to meet any applicable pretreatment requirements,
 - v) Require the submission of reports necessary to assure compliance with applicable pretreatment requirements,
 - vi) Carry out all inspection, surveillance, and monitoring necessary to determine compliance with applicable pretreatment requirements,
 - vii) Obtain remedies for noncompliance by any user. Such remedies may include injunctive relief, the civil penalties specified in Article II of these Rules and Regulations, or appropriate criminal penalties, or
 - viii) Reject the wastewater—if scientific evidence discloses that discharge will create unreasonable hazards or have unreasonable deleterious effects on the wastewater management system.
- b) When considering the above alternatives, the Director shall assure that conditions of the Town's NPDES permit are met. The Director shall also take into consideration cost effectiveness and the economic impact of the alternatives on the discharger. If the Director allows the pretreatment or equalization of wastewater flows, the installation of the necessary facilities shall be subject to review. The Director shall review and recommend any appropriate changes to the program, within sixty (60) days of submittal.

- c) Where pretreatment or flow equalizing facilities are provided or required for any wastewater, they shall be maintained continuously in satisfactory and effective operation at the expense of the owner.

Section 2. Compliance with Pretreatment Requirements

- a) Persons required to pretreat wastewater in accordance with Section 1 above, shall provide a statement, reviewed by an authorized representative of the user and certified to by a qualified person indicating whether applicable pretreatment requirements are being met on a consistent basis and, if not, describe the additional operation and maintenance or additional pretreatment required for the user to meet the pretreatment requirements. If additional pretreatment or operation and maintenance will be required to meet the pretreatment requirements the user shall submit a plan (including schedules) to the Director. The plan (including schedules) shall be consistent with applicable conditions of the NPDES Permit or other local, state or Federal laws.

Section 3. Monitoring Requirements

- a) Discharges of wastewater to the Town's wastewater management system from the facilities of any user shall be monitored in accordance with the provisions of these Rules and Regulations.

Section 4. Effect of Federal Law

- a) In the event that the Federal government promulgates a regulation for a given new or existing user in a specific industrial subcategory that establishes pretreatment standards or establishes that such a user is exempt from pretreatment standards, such Federal regulations shall immediately supersede Section 1(a) of this article.

Section 5. Revision of Pretreatment Standards

- a) The Director shall promptly apply for and obtain authorization from the EPA to revise discharge limitations for those substances listed in the Federal Categorical Pretreatment Standards for which consistent removal occurs in the wastewater treatment facilities of the Town. The Director shall not adopt or enforce discharge limitations more stringent than the requested limitations until the state or EPA acts on the application.

ARTICLE VII. WASTEWATER SERVICE

Section 1. Wastewater User Charges

- a) Charges and fees for the use of the wastewater management system shall be based upon the use of such system, or contractual obligations for a level of use in excess of actual use. The WWMDC shall establish user charges on an annual basis, which shall be done at a properly noticed public hearing. In the event of significant changes to capital or operating expenses during a fiscal year, the WWMDC may hold a properly noticed hearing to adjust fees as appropriate.

Section 2. Determination of System Use

- a) The use of the wastewater management system shall be based Title 5 design flow and upon actual or estimated measurement and analysis of each user's wastewater discharges to the extent such measurement and analysis is considered by the Director to be feasible and cost-effective.
- b) Where measurement and analysis is considered not feasible, determination of each user's use of the facilities shall be based upon the quantity of water used whether purchased from a public water utility or obtained from a private source, or an alternative means as provided by Section (c) below.
- c) The Director, when determining use of the wastewater management system based on water use, shall consider consumptive, evaporative, or other use of water which results in a significant difference between a discharger's water use and wastewater discharge. Where appropriate, such consumptive water use may be metered to aid in determining actual use of the wastewater management system. The meters used to measure such water uses shall be of a type and installed in a manner approved by the Director.

Section 3. Penalties for Excessive Use

- a) Each user is encouraged to conserve water. Each connection permit will specify the amount of capacity in the Wastewater Management System that has been allocated to that user. Discharges into the System in excess of the permitted capacity are prohibited. In the event that a user discharges excessive amounts of wastewater, the Director may assess a penalty fee. The penalty fee shall be set in accordance with Section 6 of Article II.
- b) In the event that a user is assessed a penalty fee for two quarters in a single year billing cycle, the WWMDC reserves the right to inspect the customer premises in accordance with Article II, Section 7 to assess compliance with water conservation standards set forth in Article IV, the facility conforms to assigned design flow capacity as set forth Title 5 in 310 CMR 15.203 of the MGL.

ARTICLE VIII. EFFECTIVE DATE

These Rules and Regulations shall be in full force and effect from and after its passage, approval and publication, as provided by law.

AMENDED 17 May 2017

AYES: Fred Knight, Chair
Sam Potter
Rick Greene

NAYS: None

ABSENT: None

NOT VOTING: None

FY18 Budget Changes:

Warrant due between August 23 – 31, 2017

Approval required at our August Board meeting.

No individual line item changes.

Accounts to be added for the Sewerage System:

- 1) Pipeline Maintenance: Approximately \$15,000 per year for DigSafe (\$1 per call), company to do mark-outs, and minor maintenance.
 - Maintenance Contractor will locate curb boxes, check if operational, bring to grade and verify operation of the ball valve. They will also locate manholes and indicate on the as built plans where everything is.
- 2) Emergency Maintenance: Approximately \$15,000 per year to hire a contractor and to do repairs on public property. If the owner does not handle the emergency, then the contractor will do the work and we will bill the owner.

Emergency call procedure:

- The situation will be assessed to see if it is public property or the owners responsibility. Paul Brinkman, Board of Health or Facilities Department can determine this.
- If it is WW's responsibility, we will call the emergency contractor to do the work.

WWMDC FY2017 BUDGET
June 30, 2017 Pending Final Adjustments

May 11-June 30, 2017

SUMMARY	ACTUAL YTD	BUDGET YTD	YTD VARIANCE	ANNUAL BUDGET	NOTES
	User Charges	\$ 295,690.02	265,940.04	29,749.98	\$ 743,411.86
Total Operating Expenses	\$ 259,438.09	-	32,733.88	\$ 743,411.86	
Net Operating Income:	\$ 38,251.93	-	(12,450.92)	\$ 0.00	
INCOME DETAILS					
User Charges	295,690.02	265,940.04	29,749.98	265,940.04	39,314.17
Other	32,733.88	-	32,733.88	-	744.45
Old Betterment - Principal	25,990.75	38,441.67	(12,450.92)	38,441.67	921.49
Old Betterment - Interest	4,766.68	9,465.15	(4,698.47)	9,465.15	279.95
New Betterment - Principal	197,696.40	240,000.00	(42,303.60)	240,000.00	3,253.55
New Betterment - Interest	175,414.26	189,565.00	(14,150.74)	189,565.00	(27,051.87)
Unapp WW Better TC Rev	25,052.30	-	25,052.30	-	-
Unapp WW Better TC Int	1,207.53	-	1,207.53	-	-
Total Income/MUNIS:	\$ 758,551.82	\$ 743,411.86	\$ 15,139.96	\$ 743,411.86	\$ 17,461.74
EXPENSE DETAILS					
PERSONAL SERVICES				ANNUAL BUDGET	NOTES
Salaries (Account Specialist)	25,994.02	33,552.00	7,557.98	33,552.00	(896.24)
Indirect/Admin (Town Services)	24,669.00	24,669.00	-	24,669.00	(22,613.25)
Legal Services	1,013.00	5,000.00	3,987.00	5,000.00	(596.33)
PROFESSIONAL SERVICES					
Facility Operating Contract	46,800.00	46,800.00	-	46,800.00	-
Fac. Labor & Other Prof. Serv.	37,339.53	20,000.00	(17,339.53)	20,000.00	(11,169.58)
Engineering Fees	-	-	-	-	-
NPDES Permit	-	-	-	-	-
Total Pers. & Prof. Expenses	\$ 135,815.55	\$ 130,021.00	\$ (5,794.55)	\$ 130,021.00	\$ (5,794.55)
PERCENT OF TOTAL	46%			17%	
REPAIRS & MAINT EXP.					
Building Repair & Improvement	6,589.66	-	(6,589.66)	-	(400.00)
Equipment Repairs & Maint.	20,451.97	6,168.31	(14,283.66)	6,168.31	(2,705.00)
Sludge Disposal	34,331.00	19,343.40	(14,987.60)	19,343.40	(7,388.05)
Chemicals	7,444.47	7,784.50	340.03	7,784.50	(973.32)
Markup & Other	7,096.33	22,000.00	14,903.67	22,000.00	160.17
Surface Water Testing (Ops)	6,803.00	6,500.00	(303.00)	6,500.00	541.67
Total Repairs & Maint Exp.	\$ 82,716.43	\$ 61,798.21	\$ (20,920.22)	\$ 61,798.21	\$ (10,764.54)
PERCENT OF TOTAL	28%			8%	
OPERATING EXPENSES					
Disposal (Trash Removal)	606.20	500.00	(106.20)	500.00	(131.53)
Natural Gas-NIT Grid & Dir. En.	3,844.09	6,178.35	2,334.26	6,178.35	294.23
Electricity -Eversource	31,118.86	39,784.46	8,665.60	39,784.46	(1,432.57)
Telephone -Verizon	1,319.79	2,027.24	707.45	2,027.24	(61.52)
Water -TOW	891.97	632.77	(259.20)	632.77	32.58
Admin Serv's (Other/Vader Trng)	125.20	-	(125.20)	-	-
Contingency	3,000.00	25,000.00	22,000.00	25,000.00	2,083.33
Total Operating Expenses	\$ 40,906.11	\$ 74,122.83	\$ 33,216.72	\$ 74,122.83	\$ 784.52
PERCENT OF TOTAL	14%			10%	
TOTAL EXPENSES	\$ 259,438.09	\$ 265,940.04	\$ 6,501.95	\$ 265,940.04	\$ (45,255.42)
TOTAL OPER & CAP EXP'S					
CAPITAL EXPENSES				ANNUAL BUDGET	
Old Debt-Principal	27,650.76	38,441.67	10,790.91	38,441.67	-
Old Debt-Interest	2,135.64	9,465.15	7,329.51	9,465.15	-
New Debt -Principal	240,000.00	240,000.00	-	240,000.00	-
New Debt -Interest	189,565.00	189,565.00	-	189,565.00	-
Total Capital Expenses:	\$ 459,351.40	\$ 477,471.82	\$ 18,120.42	\$ 477,471.82	\$ 18,120.42

Notes:
 Equipment Repairs and Maintenance - Emergency repairs: 3/13/17 268 BPR & 10/19/16 292 BPR
 Equipment Revenue \$8,182.65 is the Privilege Fee for 317 BPR, new market. Unapportioned WW Better TC Interest from Wayland Meadows deal.
 Quarter 4 will be billed in July
 Pen & Int, Liens, Misc Rev & Int Earned on Sav's
 Billed Nov & Dec on Tax Bill. Paid Feb & Apr
 Billed Nov & Dec on Tax Bill. Paid Feb & Apr
 Billed Nov & Dec on Tax Bill. Paid Feb & Apr
 Billed Nov & Dec on Tax Bill. Paid Feb & Apr
 Unbudgeted Betterments Paid in Advance
 Interest from Wayland Meadows Deal
 Emerg. Repairs: 268 BPR WhiteWater Bill
 Emerg. Repairs: 268 BPR WhiteWater Bill
 Unbudgeted Contract Increase
 New expense, cost unknown.
 Unbudgeted
 Final Payment-Abrahams Consulting Fee
 Paid in August and February
 Subsidy pays interest in Aug. Payment due Feb.
 Paid in August and February
 Paid in August and February

Wayland Wastewater Management District Commission										
Signed:					6/30/2017		Note 3			
Munis/Batch:					8409		Purchase			
Final: June Bills Plus Purchase Requisitions (Estimate to June 30, 2017)					Invoice		Requisition #			
Vendor#	Vendor Name	Address	Invoice#	Date	Amount	Req #	WWMDC Acct #	Org#	Object	Description
16307	ABC Soils, Inc.	111 Boston Post Road, Sudbury, MA					5443	63443002	52116	Emerg. Repair 268 BPR 3/13/17
2170	Abrahams Group	52 Flanagan Dr, Framingham, MA 01					8670	63443002	54599	Consultant/Financing Project
2494	B-P Trucking Inc.	P.O. Box 386, Ashland, MA 01721	91580	6/30/2017	\$ 86.60			63443002	52121	Disposal/Trash Removal 185 Elissa Ave
9388	Robert F. Callahan Co.	5 Flagg Street, Woburn, MA 01801						63443002	52115	Tmt Plant Repair-Unit Heater/Supply Line
10656	Direct Energy	P.O. Box 32179, New York, NY 1008	HS7112340	6/16/2017	\$ 16.95	17755	452224/56098	63443002	53102	Gas-2 Elissa Ave
10656	Direct Energy	P.O. Box 32179, New York, NY 1008	HS7112345	6/16/2017	\$ -		452224/56105	63443002	53102	Gas-2 Elissa Ave
3027	EVERSOURCE	1 NSTAR Way, SW300, Westwood, N	28704030031	6/27/2017	\$ 212.58	17756	28704030031	63443002	53103	Electricity-185 Elissa Ave
3027	EVERSOURCE	1 NSTAR Way, SW300, Westwood, N	28671560010	6/27/2017	\$ 2,314.78	17757	28671560010	63443002	53103	Electricity-185 Elissa Ave
1016	GateHouse Media	P.O. Box 845908, Boston, MA 02884					100242045	63443002	52101	Rate Hearing Advertisement
1093	Ide Business Forms	49 Bullard Road, Oakham, MA 01066						63443002	52107	Billing paper
3805	RP Law/Mark Lanza	Interoffice Billing - No Bill for this ba	N/A	June	\$ 1,013.00	N/A	N/A	63443002	52108	Town Counsel-Wayland Meadows
2117	Keane Fire & Safety	1500 Main Street, Waltham, MA 024					527314	63443002	52115	Inspection/repair - 4 Fire Extinguishers
2129	Keyes North Atlantic, Inc	459 Watertown Street, Newton, MA					18111	63443002	52115	Tmt Plant Fire Alarm Inspection
2129	Keyes North Atlantic, Inc	459 Watertown Street, Newton, MA					18111-001	63443002	52115	Tmt Plant Dry Trip Test
2759	National Grid	PO Box 11735, Newark, NJ 07101-47	50412-10350	6/15/2017	\$ 32.89	17758	50412-10350	63443002	53102	Gas-2 Elissa Ave
2759	National Grid	PO Box 11735, Newark, NJ 07101-47	50412-10370	6/15/2017	\$ 10.00	17759	50412-10370	63443002	53102	Gas-2 Elissa Ave
11776	DARS Inc.	23 Bradford St, Concord, MA 01742					144	63443002	52103	2015 Surface Water Testing
7783	E.S. O'Neil Electric dba Septic	82 Lawrence St, Waltham, MA 0245					A66303	63443002	52116	Emerg. Repair 268 BPR 3/13/17
3332	John Regan Ent.	PO Box 5003, Cochituate, MA 01778					33092	63443002	52116	Emerg. Pumping 268 BPR 3/13/17
2226	South Shore Generator	PO Box 567, East Wareham, MA 025					WAY1-C	63443002	52116	185 Elissa Backup Generator Ann. Maint.
2226	South Shore Generator	PO Box 567, East Wareham, MA 025					WAY1-J	63443002	52116	2 Elissa-Backup Generator Ann. Maint.
2271	TOW-Water	66 River Road, Wayland, MA 01778	2601700	6/20/2017	\$ 20.15		2601700	63443002	53105	Water Dept Admin Fee-185 Elissa
2569	VERIZON	66 River Road, Wayland, MA 01778	2601700	6/20/2017	\$ 20.15		2601700	63443002	53105	Water Dept Admin Fee-185 Elissa
2569	VERIZON	PO Box 15124, Albany, NY 12212-51	5083582801	6/18/2017	\$ 67.17	17760	5083582801	63443002	53104	Phone - Pump @ 2 Elissa Ave
2569	VERIZON	PO Box 15124, Albany, NY 12212-51	5083580192	6/18/2017	\$ 48.16	17763	5083580192	63443002	53104	Phone - 185 Elissa Ave
2058	WB MASON	59 Centre St, Brockton, MA, Attn: G					C2380305	63443002	52107	Office Supplies-Index tabs/hole punch
Total Purchase Req's for Monthly Bills										
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52100	Facility Operating Contract
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027593	6/20/2017	\$ 6,368.75		WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027593	6/20/2017	\$ 195.20		WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027593	6/20/2017	\$ 1,220.00		WAY002	63443002	52122	Sludge Disposal
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52125	Chemicals
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027593	6/20/2017	\$ 212.28		WAY002	63443002	52151	Mark Up on Repairs & Maint.
Total 6/20/17 Invoice (May Actual)										
					\$ 7,996.23					
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027759	6/30/2017	\$ 87.50		WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027759	6/30/2017	\$ 1,058.03		WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52122	Sludge Disposal
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027759	6/30/2017	\$ 822.03		WAY002	63443002	52125	Chemicals
6693	Whitewater	C/O RHW Construc, 41 Central St., Al	70027759	6/30/2017	\$ 282.01		WAY002	63443002	52151	Mark Up on Repairs & Maint.
Total 6/30/17 Invoice (Part of June)										
					\$ 2,249.57					
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52122	Sludge Disposal
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52125	Chemicals
6693	Whitewater	C/O RHW Construc, 41 Central St., Al					WAY002	63443002	52151	Mark Up on Repairs & Maint.
Total WhiteWater Purchase Requisitions										
					\$ 2,500.00	17761	WAY002	63443002	52101	Facility Labor (Prof. Serv.)
					\$ 200.00	17761	WAY002	63443002	52116	Equip Repairs & Maint.
					\$ 4,000.00	17761	WAY002	63443002	52122	Sludge Disposal
					\$ 800.00	17761	WAY002	63443002	52125	Chemicals
					\$ 500.00	17761	WAY002	63443002	52151	Mark Up on Repairs & Maint.
Total WhiteWater Purchase Req's										
7336	Your Electrical Solutions, Inc.	1345 Washington St, Pembroke, MA 0			\$ 14,068.08		172518	63443002	52115	Tmt Plant-Testing/Replace Emerg Lights
Total					\$ 13,055.08					
Total for Batch Bills (net of KP Law/Mark Lanza)										

Note 1: B-P Trucking - Facilities Dept. has been paying this. WW will now pay for the removal of trash from the Treatment Plant at a monthly cost of \$86.60 per month.

Note 2: Direct Energy changed account number 678961 to 56098 and 678968 to 56105 starting 6/16/17. The prior number is now the Service Loc ID

Note 3: For the FY 2017 close, a purchase requisition is required if no bill was received for June expenses or most of the month is not on the bill received. WhiteWater's bill 70027759 is a partial.

Note 4: KP Law/Mark Lanza - This is NOT entered into MUNIS. Beth Doucette does a journal entry/interoffice transaction. Total is included in the Monthly Operating Budget

WhiteWater Invoices
Fiscal Year 2017

Final: June Bills Plus Purchase Requisitions (Estimate to June 30, 2017)

June 10 June 30, 2017

Invoice #	Invoice Date	Amount	Month Processed	Contract Fee	Labor #52101	Equip Repairs & Maint					Mark Up #52151	Total
						52116	52122	52125	52125	52151		
70020354	7/1/2016	\$ 3,900.00	July	\$ 3,900.00								\$ 3,900.00
70020979	8/1/2016	\$ 3,900.00	Sept	\$ 3,900.00								\$ 3,900.00
70021672	9/1/2016	\$ 3,900.00	Sept	\$ 3,900.00								\$ 3,900.00
70021378	8/17/2016	\$ 937.50	Sept	\$ -	\$ 937.50							\$ 937.50
70021378	8/17/2016	\$ 2,100.00	Sept			\$ 2,100.00						\$ 2,100.00
70021378	8/17/2016	\$ 1,376.94	Sept				\$ 1,376.94					\$ 1,376.94
70021378	8/17/2016	\$ 521.54	Sept					\$ 521.54				\$ 521.54
70022321	10/1/2016	\$ 3,900.00	Oct	\$ 3,900.00								\$ 3,900.00
70022062	9/15/2016	\$ 3,120.00	Oct			\$ 3,120.00						\$ 3,120.00
70022062	9/15/2016	\$ 468.00	Oct					\$ 468.00				\$ 468.00
70022985	11/1/2016	\$ 3,900.00	Nov	\$ 3,900.00								\$ 3,900.00
70022699	10/14/2016	\$ 1,318.75	Nov		\$ 1,318.75							\$ 1,318.75
70023634	12/1/2016	\$ 3,900.00	Dec	\$ 3,900.00								\$ 3,900.00
70023324	11/16/2016	\$ 9,782.16	Dec		\$ 4,195.00	\$ 1,297.20	\$ 3,360.00	\$ 201.20	\$ 728.76			\$ 9,782.16
70024191	1/6/2017	\$ 3,900.00	Jan	\$ 3,900.00								\$ 3,900.00
70023926	12/12/2016	\$ 7,713.61	Jan		\$ 1,538.75	\$ 2,309.44	\$ 3,060.00		\$ 805.42			\$ 7,713.61
70024773	2/1/2017	\$ 3,900.00	Feb	\$ 3,900.00								\$ 3,900.00
70024480	1/17/2017	\$ 4,859.58	Feb		\$ 995.00	\$ 180.50	\$ 3,180.00		\$ 504.08			\$ 4,859.58
70025292	3/1/2017	\$ 3,900.00	Mar	\$ 3,900.00								\$ 3,900.00
70025050	2/15/2017	\$ 6,214.76	Mar		\$ 628.75	\$ 3.42	\$ 2,190.00	\$ 2,663.98	\$ 728.61			\$ 6,214.76
70025822	4/3/2017	\$ 3,900.00	Apr	\$ 3,900.00								\$ 3,900.00
70025566	3/13/2017	\$ 6,659.90	Apr		\$ 5,336.25	\$ 1,151.00			\$ 172.65			\$ 6,659.90
70025724	3/22/2017	\$ (1,410.00)	Apr		\$ (1,410.00)							\$ (1,410.00)
70026508	5/1/2017	\$ 3,900.00	May	\$ 3,900.00								\$ 3,900.00
70026216	5/7/2017	\$ 13,748.05	May		\$ 3,630.00	\$ 47.98	\$ 7,170.00	\$ 1,580.32	\$ 1,319.75			\$ 13,748.05
70026384	4/25/2017	\$ 8,351.88	May (1)		\$ 7,015.11	\$ 1,162.41			\$ 174.36			\$ 8,351.88
70027203	6/1/2017	\$ 3,900.00	June	\$ 3,900.00								\$ 3,900.00
70026905	5/19/2017	\$ 9,084.67	June		\$ 3,880.00	\$ 745.80	\$ 3,780.00		\$ 678.87			\$ 9,084.67
70027593	6/20/2017	\$ 7,996.23	June (2)		\$ 6,368.75	\$ 195.20	\$ 1,220.00		\$ 212.28			\$ 7,996.23
70027759	6/30/2017	\$ 2,249.57	June Bill (2)		\$ 87.50	\$ 1,058.03		\$ 822.03	\$ 282.01			\$ 2,249.57
	Purchase Req.	\$ 8,000.00	June Est (2)		\$ 2,500.00	\$ 200.00	\$ 4,000.00	\$ 800.00	\$ 500.00			\$ 8,000.00
Totals		\$ 139,893.14		\$ 46,800.00	\$ 37,021.36	\$ 8,350.98	\$ 33,180.00	\$ 7,444.47	\$ 7,096.33			\$ 139,893.14
June Summary: Bills reported on Preliminary June Monthly Operating Budget Bills from June 10 - June 30, 2017 including Purchase Requisitions Total June Fiscal Year-End 2017 Total without Contract Fee												

Notes:

- June- Contract Fee is billed the first of each month, there is no fee for June year-end.
- 268 Boston Post Road Emergency on March 13, 2017
- 6/20/17 contains May bills. 6/30/17 is partial June bills. Purchase Requisition (Estimate for the rest of the June bills to close out FY2017).

ACCT #	FY 2017	Annual Budget	4/12-5/10/17		5/11-6/30/17		YTD Actual Total	June Invoices not in MUNIS	June Add'l Cost Est. On PITCH Ref
			May Actual	June Budget	June Actual	Budget YTD Total			
EXPENSE DETAILS									
Personal Services									
51001		\$ 31,552.00	\$ 2,796.00	\$ 2,796.00	\$ 3,692.24	\$ 33,552.00	\$ 25,994.02		
50710		\$ 24,669.00	\$ 2,055.75	\$ 2,055.75	\$ 24,669.00	\$ 24,669.00	\$ 24,669.00		
52108		\$ 5,000.00	\$ 416.67	\$ 416.67	\$ 1,013.00	\$ 5,000.00	\$ 1,013.00		
Professional Services									
52100		\$ 46,800.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 46,800.00	\$ 46,800.00		
52101		\$ 20,000.00	\$ 1,666.67	\$ 1,666.67	\$ 12,836.25	\$ 20,000.00	\$ 17,339.63	\$ 6,456.25	\$ 2,500.00
52152		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
52153		\$ 130,021.00	\$ 10,835.08	\$ 10,835.08	\$ 46,110.49	\$ 138,021.00	\$ 115,815.55		
Repairs & Maintenance Exp									
52115		\$ -	\$ -	\$ -	\$ 4,343.15	\$ -	\$ 6,589.66		
52116		\$ 6,168.31	\$ 514.03	\$ 514.03	\$ 1,210.39	\$ 6,168.31	\$ 20,451.97	\$ 1,253.23	\$ 200.00
52122		\$ 19,343.40	\$ 1,611.95	\$ 1,611.95	\$ 7,170.00	\$ 19,343.40	\$ 34,331.00	\$ 1,220.00	\$ 4,000.00
52125		\$ 7,784.50	\$ 648.71	\$ 648.71	\$ 1,580.32	\$ 7,784.50	\$ 7,444.47	\$ 822.03	\$ 800.00
52151		\$ 22,000.00	\$ 1,833.33	\$ 1,833.33	\$ 1,494.11	\$ 22,000.00	\$ 7,096.33	\$ 494.29	\$ 500.00
52103		\$ 6,500.00	\$ 541.67	\$ 541.67	\$ 1,673.16	\$ 6,500.00	\$ 6,802.00		
52107		\$ 61,796.21	\$ 5,149.68	\$ 5,149.68	\$ 15,914.22	\$ 61,796.21	\$ 82,718.43		
OPERATING EXPENSES									
52121		\$ 500.00	\$ 41.67	\$ 41.67	\$ 173.20	\$ 500.00	\$ 606.20	\$ 86.60	
53102		\$ 6,178.35	\$ 514.86	\$ 514.86	\$ 220.63	\$ 6,178.35	\$ 31,844.09	\$ 59.84	
53103		\$ 39,784.46	\$ 3,315.37	\$ 3,315.37	\$ 4,747.94	\$ 39,784.46	\$ 31,110.86	\$ 2,527.36	
53104		\$ 2,027.34	\$ 168.94	\$ 168.94	\$ 230.46	\$ 2,027.34	\$ 1,319.79	\$ 115.33	
53105		\$ 632.77	\$ 52.73	\$ 52.73	\$ 20.15	\$ 632.77	\$ 891.97	\$ 20.15	
52107		\$ 25,000.00	\$ 2,083.33	\$ 2,083.33	\$ -	\$ 25,000.00	\$ 125.20		
54599		\$ 74,122.83	\$ 6,176.90	\$ 6,176.90	\$ 5,192.38	\$ 74,122.83	\$ 40,906.11	\$ 13,055.08	\$ 8,000.00
Total Operating Expenses:									
		\$ 265,940.04	\$ 22,161.87	\$ 22,161.87	\$ 67,417.09	\$ 265,940.04	\$ 219,438.09		
CAPITAL EXPENSES									
47501		\$ 38,441.67	\$ -	\$ -	\$ -	\$ 38,441.67	\$ 27,650.76		\$ 267,650.76
47502		\$ 9,465.15	\$ -	\$ -	\$ -	\$ 9,465.15	\$ 2,135.64		\$ 191,700.64
47501		\$ 240,000.00	\$ -	\$ -	\$ -	\$ 240,000.00	\$ 240,000.00		
47502		\$ 189,565.00	\$ -	\$ -	\$ -	\$ 189,565.00	\$ 189,565.00		
Principal		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Interest		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Total Capital Expenses		\$ 477,471.82	\$ -	\$ -	\$ -	\$ 477,471.82	\$ 459,351.40		\$ 185,215.45
Total Expenses and Capital		\$ 743,411.86	\$ 22,161.87	\$ 22,161.87	\$ 67,417.09	\$ 743,411.86	\$ 518,789.49		\$ 4,053.75
INCOME DETAILS									
63006/630436		\$ 265,940.04	\$ -	\$ -	\$ 39,314.17	\$ 265,940.04	\$ 265,940.04		\$ 189,269.20
6304		\$ 38,441.67	\$ -	\$ -	\$ 744.45	\$ 38,441.67	\$ 32,733.88		
6305		\$ 9,465.15	\$ -	\$ -	\$ 921.49	\$ 9,465.15	\$ 25,996.75		
6306/6311		\$ 240,000.00	\$ -	\$ -	\$ 279.95	\$ 240,000.00	\$ 4,766.68		
6312		\$ 189,565.00	\$ -	\$ -	\$ 3,253.55	\$ 189,565.00	\$ 197,696.40		
6313		\$ -	\$ -	\$ -	\$ 112,442.45	\$ -	\$ 175,414.26		
6314		\$ -	\$ -	\$ -	\$ 524.01 (2)	\$ -	\$ 25,052.30		
Total Income/Main		\$ 743,411.86	\$ -	\$ -	\$ 17,461.74	\$ 743,411.86	\$ 738,551.82		

Notes:
(1) Emergency Repair 10/19/16 in front of 202 Boston Post Road \$2,594.50. Septic Pump Lift Station (Ed O'Neil) \$1,704.30 and Regan Septic \$690
(2) Unapproved WW Better TC Int from the Wayland Meadows deal.

Preliminary Cash Receipts YTD

Revenue Codes	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017
6302 WW User Charges	\$ 316.79	\$ 16,844.92	\$ 47,316.05	\$ 648.97	\$ 11,235.04	\$ 48,953.21	\$ 24,238.46	\$ 39,990.91	\$ 31,731.99	\$ 192.35	\$ 39,907.16	\$ 39,314.17
63105000/42105												\$ 5(11-4)30/17
6308 Penalties & Interest *	\$ -	\$ 42.73	\$ 20.10	\$ 13.24	\$ 140.81	\$ 418.73	\$ 228.28	\$ 39.88	\$ 186.65	\$ -	\$ 7,807.92	\$ 13.88
63105000/41750												\$ 8,912.22
6303 Miscellaneous Rev *	\$ -	\$ -	\$ 4,523.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,182.65	\$ -	\$ -
63105000/43299												\$ 12,705.65
6304 Betterments (Old)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,047.90	\$ -	\$ 488.85	\$ 10,532.51	\$ 921.49
63105000/47501												\$ 25,990.75
6305 Betterment Interest (Old)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,378.14	\$ -	\$ 97.77	\$ 2,010.82	\$ 279.95
63105000/47502												\$ 4,766.68
6306 Betterments Pd In Adv	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63105000/47599												\$ -
6307 Int. Earned on Savings *	\$ -	\$ 367.57	\$ -	\$ 367.86	\$ 356.27	\$ 368.42	\$ 356.82	\$ 368.99	\$ 705.00	\$ -	\$ 370.84	\$ 730.57
63105000/48210												\$ 3,992.34
6309 Wastewater Liens *	\$ -	\$ -	\$ -	\$ 0.02	\$ -	\$ -	\$ -	\$ 6,601.69	\$ -	\$ -	\$ 521.96	\$ -
63105000/42111												\$ 7,123.67
6311 WW Better TC Rev	\$ -	\$ -	\$ 1,426.88	\$ -	\$ -	\$ -	\$ -	\$ 97,552.00	\$ 715.78	\$ 802.05	\$ 93,946.14	\$ 3,253.55
63105000/47503												\$ 197,696.40
6312 WW Better TC Int	\$ -	\$ -	\$ 3,165.66	\$ -	\$ -	\$ -	\$ -	\$ 85,569.62	\$ 644.20	\$ 644.20	\$ 112,442.45	\$ 175,414.26
63105000/47504												\$ (27,051.87)
6313 UNAPP WW Better TC Rev	\$ 12,884.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,168.26	\$ -	\$ -	\$ -	\$ -
63105000/47505												\$ 25,052.30
6314 UNAPP WW Better TC Int	\$ 481.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 201.69	\$ -	\$ -	\$ 574.01	\$ -
63105000/47506												\$ 1,207.53
49761 Trans from wtr fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63105000/49761												\$ -
Total Revenue	\$ 13,682.66	\$ 17,255.22	\$ 51,451.69	\$ 1,030.09	\$ 11,732.12	\$ 49,740.36	\$ 24,823.56	\$ 258,919.08	\$ 33,983.62	\$ 10,407.87	\$ 268,063.81	\$ 17,461.74

NOTES:
 Miscellaneous Revenue - Privilege Fee \$4,523 for change in use resulting in increased capacity at 231 Boston Post Road. Privilege Fee \$6,182.65 for 317 BPR new Market increase in incremental design flow 1.27 gpc
 Unapportioned WW Better TC Rev & Int - Accounts that have paid their betterment off in full. \$524.01 is interest on the betterment from Wayland Meadows.
 WW Better TC Interest \$29,511.55; Per Treasury this is a \$(90,000) correction for a data entry error made in May. Difference is revenue received of \$468.51 for the months
 * Other for Budget Reporting

Total Revenue (Munis Balance)	\$ 758,551.82
Less: UNAPP New Better TC Rev	\$ (25,052.30)
Less: UNAPP New Better TC Int	\$ (1,207.53)
Less: New WW Better TC Principal	\$ (197,696.40)
Less: New WW Better TC Int	\$ (175,414.26)
Less: Old Betterment Principal	\$ (25,990.75)
Less: Old Betterment Int	\$ (4,766.68)
Revenue net of Capital Accts (Net of Betterment)	\$ 328,423.90

User Charges Summary as of May 10, 2017	Budgeted
FY16 Q4 Billed	\$63,997
FY17 Q1 Billed	\$77,789
FY17 Q2 Billed	\$72,745
FY17 Q3 Billed	\$66,186
Total Billed YTD	\$280,717
Actual YTD	\$295,690
Collected More than Billed	\$ (14,973.07)

Liens	Principal	Interest
Old Betterment	\$ 23,661.10	\$ 4,732.21
New Betterment	\$ 197,419.10	\$ 172,982.81
Total Apportioned (billed)	\$ 223,080.20	\$ 177,715.02
Total Received	\$ 223,687.15	\$ 180,180.94
Variance	\$ (2,606.95)	\$ (2,465.92)

Note: Betterments are billed in February and May. Payments come in March and June. June is still coming in.

Liens Billed	\$ 3,139.39
Liens Received	\$ 7,123.67
Variance	\$ (3,984.28)
Note: Liens billed are for FY17	
Pmts FY16	\$ 3,265.11
Surcharges	\$ 2,814.64
Pmts FY17	\$ 1,043.88
Total	\$ 7,123.63
Surcharges from Way Meadows	

**Wastewater Legal Costs
From the Wayland Meadows Agreements
FY2017 - As of June 19, 2017**

Based on Fred Knight's Calculation 5/4/17

1/3 of Mark Lanza's Charges. Fred used \$1,096,
actual was \$1,056. \$13 difference.

1/2 KP Law Charges per 5/3/17 memo from Beth
Doucette

No Future Expenses

Total Legal Expenses Accepted by the Town that
WWMDC owes.

<u>Charges</u>	<u>Fred's Calculation</u>
\$ 1,096.00	\$ 365.00
\$ 1,295.00	\$ 648.00
\$ -	\$ -
<u>\$ 2,391.00</u>	<u>\$ 1,013.00</u>

WhiteWater - Purchase Requisition Estimate for FY2017 through June 30, 2017

Invoice Date	Labor	Eq Repair Mnt	Sludge	Chemicals	Mark Up	Total
2/15/2017	\$ 628.00	\$ 4.00	\$ 2,190.00	\$ 2,664.00	729	\$ 6,215.00
3/13/2017	\$ 5,336.00	\$ -	\$ 1,151.00	\$ -	173	\$ 6,660.00
5/7/2017 (April)	\$ 3,630.00	\$ 48.00	\$ 7,170.00	\$ 1,580.00	1320	\$ 13,748.00
5/19/2017	\$ 3,880.00	\$ 746.00	\$ 3,780.00	\$ -	679	\$ 9,085.00
Partial June	\$ 88.00	\$ 1,058.00	\$ -	\$ 822.00	0	\$ 1,968.00
Purchase Req Estimate	\$ 2,500.00	\$ 200.00	\$ 4,000.00	\$ 800.00	500	\$ 8,000.00

Wayland Wastewater Management District Commission
Summary of Unbudgeted Utility Bills - FY2017

5/31/2017

Updated 7/12/17

Vendor#	Vendor Name	Notes	Address	Invoice#	Invoice Date	Amount	WWMDC Acct #	Org#	Object Exp Acct	Description
16307	ABC Soils, Inc.	3	111 Boston	8328	3/15/2017	\$ 2,703.41	5443	63443002	52116	Emerg. Repair 268 BPR 3/13/17
2170	Abrahams Group	1	52 Flanagan	-	8/27/2016	\$ 3,000.00	Note 1	63443002	54599	Consultant/Financing Project
2494	B-P Trucking Inc.	2	P.O. Box 38	-	4/30/2017	\$ 606.20	8670	63443002	52121	Disposal/Trash Removal 185 Elissa Ave (7 Months)
9388	Robert F. Callahan Co.	6	5 Flagg Stre	-	4/7/2017	\$ 1,050.00	-	63443002	52115	Tmt Plant Repair-Unit Heater/Supply Line Leaking
1093	Idle Business Forms		49 Bullard R	020917	2/9/2017	\$ 35.00	020917	63443002	52107	Billing paper
3805	KP Law	9				\$ -		63443002	52108	Town Counsel-Legal costs for Wayland Meadows
2117	Keane Fire & Safety	4	1500 Main	527314	2/27/2017	\$ 346.51	527314	63443002	52115	Inspection/repair - 4 Fire Extinguishers
2129	Keyes North Atlantic, Inc	4	459 Waterd	S122108	3/13/2017	\$ 450.00	18111	63443002	52115	Tmt Plant Fire Alarm Inspection
7783	E.S. O'Neil Electric	5	82 Lawrenc	A66098	10/21/2016	\$ 1,704.50	A66098	63443002	52116	Emerg. Repair 292 BPR 10/19/16
3332	John Regan Ent.	5	PO Box 500	31593	10/20/2016	\$ 890.00	31593	63443002	52116	Emerg. Pumping 292 BPR 10/19/16
7783	E.S. O'Neil Electric dba S	3	82 Lawrenc	A66303	3/15/2017	\$ 4,414.08	A66303	63443002	52116	Emerg. Repair 268 BPR 3/13/17
3332	John Regan Ent.	3	PO Box 500	33092	3/17/2017	\$ 2,520.00	33092	63443002	52116	Emerg. Pumping 268 BPR 3/13/17
6693	Whitewater/RH White	3	C/O RHW C	70026384	4/25/2017	\$ 7,015.11	WAY002	63443002	52101	Facility Labor (Prof. Serv.) Emerg 268 BPR
6693	Whitewater/RH White	3	C/O RHW C	70026384	4/25/2017	\$ 1,162.41	WAY002	63443002	52116	Equip Repairs & Maint. Emerg 268 BPR
6693	Whitewater/RH White	3	C/O RHW C	70026384	4/25/2017	\$ 174.36	WAY002	63443002	52151	Mark Up-Repairs & Maint. Emerg 268 BPR
7336	Your Electrical Solutions	7	345 Washir	172518	5/1/2017	\$ 4,343.15	172518	63443002	52115	Tmt Plant-Testing/Replace Emerg Lights
6693	WhiteWater	8	C/O RHW C	-		\$ -				Replace Wilo EQ Mixer Pump
2226	South Shore Generator	4	PO Box 567	-		\$ 1,020.00				Maint. Tmt Plant & Pump Sta. Backup Generators
Total										\$52,630.83

Total Cost for Emergency Repair at 292 Boston Post Road \$ 2,594.50

Total Cost for Emergency Repair at 268 Boston Post Road \$ 17,989.37

Note 1: The Abrahams Group reviewed Wastewater's betterment financing and reformatting the balance sheet. FY17 paid \$3,000 and FY16 paid \$3,000.

Note 2: B-P Trucking - Facilities Dept. has been paying this. Starting December, 2016, WW will pay for the removal of trash from the Treatment Plant at \$86.60 per month.

Note 3: Emergency at 268 Boston Post Road required ABC Soils (new account) ES O'Neil Electric, John Regan Septic and RH White to make the repair. Contractor nicked the force main.

Note 4: Based on the Treatment Plant Punch List, Ben Keefe had the inspections done. WW will takeover management of annual maintenance. Jane overseeing

new contracts with updated amounts for FY18 for: Keane Fire & Safety, Keyes North Atlantic, South Shore Generator and Your Electrical Solutions.

Note 5: Emergency Repair at 292 Boston Post Road. Failed anti-siphon valve attached to the main wastewater line.

Note 6: Two unit heaters and the supply lines in the basement were leaking. Pat Morris, Facilities, let the plumber in and confirmed work was done.

Note 7: Pat Morris ordered the work done because several safety lights and battery packs were not working. This will be done once a year.

Note 8: Replace Wilo EQ Mixer Pump. Fred Knight approved \$8,464 for pump and installation. Installation will not occur in FY17.

Note 9: This is a budgeted expense. \$5,000 was budgeted for FY17 legal expense. Total expensed to WW \$1,013.

Summary of 268 BPR Emergency on March 13, 2017

Vendor#	Vendor Name	Notes	Address	Invoice#	Invoice Date	Amount	WW/MDC Acct #	Org#	Object Exp Acct	Description
6693	Whitewater/RH White		C/O RHW C	70026384	4/25/2017	\$ 7,015.11	WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater/RH White		C/O RHW C	70026384	4/25/2017	\$ 1,162.41	WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater/RH White		C/O RHW C	70026384	4/25/2017	\$ 174.36	WAY002	63443002	52151	Mark Up on Repairs & Maint.
16307	ABC Soils, Inc.	3	111 Boston	8328	3/15/2017	\$ 2,703.41	5443	63443002	52116	Emerg. Repair 268 BPR 3/13/17
7783	E.S. O'Neil Electric dba S	3	82 Lawrend	A66303	3/15/2017	\$ 4,414.08	A66303	63443002	52116	Emerg. Repair 268 BPR 3/13/17
3332	John Regan Ent.	3	PO Box 500	33092	3/17/2017	\$ 2,520.00	33092	63443002	52116	Emerg. Pumping 268 BPR 3/13/17

Total Cost

\$17,989.37



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

**TOWN OF WAYLAND
FISCAL YEAR 2017**

TO: Treasurer/Collector
Town Accountant

You are hereby notified of **Commitments** for the month of **JUNE, 2017**
listed below:

Cycle: Wastewater FY2017/Q4
Finals: 4
Service Orders: 0

AMOUNT OF COMMITMENTS

311 Boston Post Road - Final Sale	\$630.75
11 Lillian Way	147.39
15 River Rock Way	110.28
1 Lillian Way	<u>211.36</u>
TOTAL WASTEWATER/WASTE(63-13101)	<u>\$1,099.78</u>

Fred Knight Date
WWMDC Chair

Rick Greene Date
Commissioner

J. Capasso 6/29/17

Jane Capasso Date
Account Specialist

Abatement Calculation

FY2017 Rates	Annual	Quarterly	Dates:
Capacity	\$ 2.79	\$ 0.70	Qtr Start
Flow	\$ 1.97	\$ 0.49	Qtr End
Penalty	\$ 5.91	\$ 1.48	Closing Date
Budgeted user fees	\$ 265,940.04	\$ 66,485.01	Last Water Read

Address:	Accounts		Capacity gpd	METER #	First read		Last Read		Avg flow gpd	Capacity Cost	Flow Cost	Penalty Cost	Quarterly Charge	Ownership Fraction of Quarter	FY2017 Q4
	Water	Wastewater			Read cu ft 1/0/1900	Read cu ft 1/0/1900									

27 Hastings Way

Owner

Gary Bruell

1700534	2701028	220	0	-	-	126.01	\$	153.45	\$	54.18	\$	23.65	\$	231.28	1.00	\$	231.28
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\$ -

Abatement for unexplained high use. Plumber and Don Millette found no problems with the system. Board of Public Works asked owner to wait one quarter to see if use returns to normal. Use returned to normal and board approved 1566.7 as the usage that should be billed for. Abatement is for the original billed amount less average march use for \$565.87.

12/20/16-3/30/17 6800 Qtrly CF usage	CF	6800.0	GPD	546.9	Billed	\$ 797.15	Actual based on 100 days for the quarter
Average March Use for 3 prior periods (900+1800+2000)	CF	1566.7	GPD	126.0	Billed	\$ 231.28	Based on 31 days per month or 93 days for the quarter
Cubic Feet to be abated		5233.3		420.9		\$ 565.87	

Usage History Report

Account: 1700534 Location: 27 HASTINGS WAY Route: 6
 Owner: BRUELL GARY

Meter #:	69194713	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	72402716	4/11/2017	TRANSFE	37,000	0	6/29/2017	Last Reading
Head #:		3/30/2017	ACTUAL	37,000	6,800	3/30/2017	Read Import on 3/30/201
Head Type:		12/20/2016	ACTUAL	30,200	1,200	12/27/2016	Read Import on 12/20/20
Walk Seq.:	2770009	10/18/2016	ACTUAL	29,000	1,300	10/24/2016	Read Import on 10/20/20
Dials:	6	6/28/2016	ACTUAL	27,700	1,300	7/18/2016	Read Import on 7/7/2016
Brand:	SENSUS	3/25/2016	ACTUAL	26,400	900	4/18/2016	Read Import on 3/28/201
Type:	Wand	12/30/2015	ACTUAL	25,500	1,200	1/5/2016	Read Import on 12/30/20
Size:	0.75	9/30/2015	ACTUAL	24,300	1,200	10/7/2015	Read Import on 10/5/201
Exchange:	B-Wand	7/1/2015	ACTUAL	23,100	1,300	7/13/2015	Read Import on 7/9/2015
Install Date	12/23/2010	3/31/2015	ACTUAL	21,800	1,800	4/13/2015	Read Import on 4/2/2015
Replace Date:	4/11/2017	11/24/2014	ACTUAL	20,000	2,500	1/7/2015	Read Import on 12/26/20
Status:	InActive	4/30/2014	ACTUAL	17,500	2,000	6/16/2014	Read Import on 5/20/201
Location:	FRT LFT	12/20/2013	ACTUAL	15,500	3,300	2/6/2014	Read Import on 1/27/201
		4/30/2013	ACTUAL	12,200	3,600	6/7/2013	Read Import on 5/15/201
		12/3/2012	ACTUAL	8,600	2,100	1/14/2013	Read Import on 12/21/20
		6/4/2012	ACTUAL	6,500	2,600	6/25/2012	Read Import on 6/25/201
		11/28/2011	ACTUAL	3,900	2,300	1/30/2012	Read Import on 1/27/201
		5/23/2011	ACTUAL	1,600	1,200	6/20/2011	Read Import on 6/16/201
		2/17/2011	FINAL	400	400	2/17/2011	
		12/23/2010	SET	0	0	2/17/2011	New Meter

Arg last 3 ¹
 4700 CF
 1,566.67

Meter #:	82471654	Read Date	Read Type	Reading	Usage	Bill Date	Comments
Serial #:	000000RJ	6/29/2017	ACTUAL	1,100	1,100	6/29/2017	
Head #:		4/11/2017	SET	0	0	6/29/2017	First Reading
Head Type:							
Walk Seq.:	2770009						
Dials:	6						
Brand:	SENSUS IPERL						
Type:	Wand						
Size:	0.75						
Exchange:	B-Wand						
Install Date	4/11/2017						
Replace Date:							
Status:	ACTIVE						
Location:	FRT LFT						

usage has returned to normal. H/O called. would like abatement. TH approved.
 -KP 7/13/17

3 best Billing Periods in March

$$\begin{array}{r} 900 \\ 1800 \\ 2000 \\ \hline 4,700 / 3 = 1566.7 \\ \text{CF} \end{array} \quad \text{Average Usage}$$

Water Dept Abatement:

$$\begin{array}{r} \text{CF } 6800 \\ \text{CF } 1566.7 \text{ Average Usage} \\ \hline 5233.3 \text{ CF abated} \end{array}$$