

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

Posted in accordance with the provisions of the Open Meeting Law

NAME OF BOARD/COMM: Wayland Wastewater Management District Commission

FILED By: Jane Capasso

DATE OF MEETING: Wednesday, 11 Jan 2017

TIME OF MEETING: 8:00 PM (delayed start due to Public Records Presentation from 7-8 pm)

PLACE OF MEETING: Wayland Town Building

PROPOSED AGENDA – REVISED JANUARY 6, 2017

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

- 8:00 1. Call to order (delayed start due to Public Records Presentation from 7-8 pm)
- 8:01 2. Public comment
- 8:05 3. Following 12 Dec 2016 joint meeting with BoS, continued discussion of agreement between Wayland Commons and Town on transfer of excess land and associated 380 gpd design flow left over from Wayland Commons project in return for forgiveness of previous charges for the design flow. Agreement has to be signed by all parties. Motion needed for WWMDCC approval of the agreement. The agreement with the BoS includes assignment of 380 gpd plus another 440 gpd already available to the 5 Concord Road (current Library) and, in return, payment of a PILOB of \$56,000 to the WWMDCC from the BoS. Chair's suggested net steps are:
1. Declare the operations/betterment payment from the parcel and excess 380 gpd from the Wayland Commons development as not collectible. Jane is asking how to do this.
 2. Get Conservation Commission approval to accept parcel.
 3. Complete and sign the agreement between WWMDCC, Wayland Commons (exact title?), and the BoS. All parties need to sign.
 4. Transfer \$56,000 from some fund in the Town (free cash?) to WWMDCC retained earnings acct. This effectively pays the Library's betterment with the PILOB part of \$53,600.
 5. Update the worksheet for betterments by added \$53,600.
 6. Keep \$2,400 as designated for Library payment for FY2017 for the 820 gpd (380+440) design flow, which the Library now owns.
 7. Make sure that the FY2018 Library budget includes operations payment for the 820 gpd.
 8. Update the billing spreadsheet for operations by adding a line for the Library starting in FY2017 with 0 gpd flow until they are connected. Until then, they pay only for 820 gpd design flow as operational charge.
- 8:30 4. Update on the Capital Project list for the Treatment Plant: Jane spoke to Ben Keefe, and he will start investigating what items are open and have the appropriate person start working on them. Jane asked for a monthly update for our Board Meeting.
- 8:35 5. Review of the updated list of Average Gallons Pumped from the WhiteWater DMR. Jane will update this quarterly.
- 8:40 6. Continued discussion of draft revision of WWMDCC Rules and Regulations, specifically the modification of section on connections and alterations.
- 9:10 7. Approve minutes from previous meetings—7 Dec 2016 and 12 Dec 2016.

- 9:15 8. Administrative items
- 1) Review of the updated list of the WhiteWater Alarm Calls for the treatment plant. Jane will update this quarterly.
 - 2) Renewal of the OARS Water Quality Monitoring of the Sudbury River – Board review and signature.
- 9:25 9. Pay Bills, monthly budget update, year-to-date finances, monthly commitments.
- 9:45 10. Topics not reasonably anticipated by chair 48 hours in advance of the meeting, if any.
- 9:50 11. Web site status: recent postings and organization.
- 9:51 12. Calendar: upcoming meetings and events, including hearings.
- 9:52 13. Public Comment
- 9:57 14. Adjourn

Wayland Wastewater Management District
Average Discharge Flow

<u>Date</u>	<u>Gallons per Day</u>	
	<u>Avg Monthly</u>	<u>Rolling Avg</u>
Dec 2009	10,791	-
Jan 2010	10,509	10,509
Feb 2010	12,774	11,642
Mar 2010	26,093	16,459
Apr 2010	25,748	18,781
May 2010	12,691	17,563
Jun 2010	13,751	16,928
Jul 2010	11,886	16,207
Aug 2010	12,374	15,728
Sep 2010	13,042	15,430
Oct 2010	11,520	15,039
Nov 2010	13,802	14,926
Dec 2010	13,149	14,778
Jan 2011	11,532	11,532
Feb 2011	13,838	12,685
Mar 2011	23,384	16,251
Apr 2011	19,499	17,063
May 2011	17,676	17,186
Jun 2011	17,794	17,287
Jul 2011	19,597	17,617
Aug 2011	15,894	17,402
Sep 2011	19,536	17,639
Oct 2011	17,264	17,601
Nov 2011	19,915	17,812
Dec 2011	19,704	17,969
Jan 2012	17,947	17,947
Feb 2012	16,653	17,300
Mar 2012	17,506	17,369
Apr 2012	16,426	17,133
May 2012	16,279	16,962
Jun 2012	15,197	16,668
Jul 2012	14,761	16,396
Aug 2012	17,609	16,547
Sep 2012	21,998	17,153
Oct 2012	24,105	17,848
Nov 2012	20,765	18,113
Dec 2012	17,944	18,099

Jan 2013	14,429	14,429
Feb 2013	15,744	15,087
Mar 2013	15,974	15,382
Apr 2013	15,972	15,530
May 2013	15,333	15,490
Jun 2013	17,382	15,806
Jul 2013	18,515	16,193
Aug 2013	20,129	16,685
Sep 2013	23,568	17,450
Oct 2013	24,365	18,141
Nov 2013	26,637	18,913
Dec 2013	20,808	19,071
Jan 2014	21,614	21,614
Feb 2014	21,051	21,333
Mar 2014	22,149	21,605
Apr 2014	22,702	21,879
May 2014	22,839	22,071
Jun 2014	20,264	21,770
Jul 2014	19,139	21,394
Aug 2014	18,482	21,030
Sep 2014	20,774	21,002
Oct 2014	22,030	21,104
Nov 2014	21,691	21,158
Dec 2014	23,629	21,364
Jan 2015	23,428	23,428
Feb 2015	22,536	22,982
Mar 2015	25,055	23,673
Apr 2015	24,073	23,773
May 2015	24,530	23,924
Jun 2015	23,745	23,895
Jul 2015	22,427	23,685
Aug 2015	22,995	23,599
Sep 2015	22,729	23,502
Oct 2015	24,695	23,621
Nov 2015	24,678	23,717
Dec 2015	24,079	23,748
Jan 2016	26,306	26,306
Feb 2016	24,450	25,378
Mar 2016	25,336	25,364
Apr 2016	25,396	25,372
May 2016	28,361	25,970
Jun 2016	28,068	26,320
Jul 2016	26,246	26,309

Aug 2016	26,734	26,362
Sep 2016	23,526	26,047
Oct 2016	23,039	25,746
Nov 2016	24,780	25,658
Dec 2016		23,520
Jan 2017		

Draft

**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:

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 Commission 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") The wastewater discharge Design Flow (q.v.) assigned by the WWMD 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 WWMD.

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 WWMD 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.

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

Design Flow 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.

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.

Flow or actual flow 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 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.

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.

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

NPDES shall mean National Pollutant Discharge Elimination System permit program, whether administered by the EPA 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.

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.

Sanitary Wastewater shall mean wastewater discharged from 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.

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

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 The Massachusetts laws governing wastewater systems, codified in 310 CMR 15.

Town shall mean the 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.

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.

ARTICLE II. GENERAL PROVISION

Section 1. Purpose

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 Commission. 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, 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.

Section 3. Administration

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

Section 4. Notice of Violation

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.

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 Commission.
- 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.

Section 7. Inspections

- a) The Director or his designee, 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 Article V of these Rules and Regulations.

Section 8. Vandalism

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 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

These Rules and Regulations may be revised from time to time by formal vote of the Commission.

ARTICLE III. BUILDING SEWERS AND CONNECTIONS

Section 1. Connection Process for New User or Alteration

- a) 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 Commission without first submitting a completed Sewer Use Discharge Permit Application and getting an approved Connection Permit from the WWMDC.
- b) 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 Commission, for a Class I, Class II, or Class III Connection Permit, shall be paid to the Town at the time the application is filed.
- c) 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 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.
- d) 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 Commission 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.

- e) The general outline of the Connection Permit Application process is as follows:
1. WWMDC and Board of Health provide user with Title 5 guidelines and design flow.
 2. User completes Sewer Use Discharge Permit Application for new design flow or alteration of design flow.
 3. 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..

If denied, a user or potential user can appeal the decision within 30 days.

Section 2. Connection Costs

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.

Section 3. Separate Connections Required

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.

Section 5. Building Sewer Design

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 6. Building Sewer Elevation

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.

Section 7. Surface Runoff and Groundwater Drains

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.

Section 8. Conformance to Applicable Codes

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.

Section 9. Connection Inspection

The applicant for a building sewer connection permit shall notify both the Commission 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.

Section 10. Excavation Guards and Property Restoration

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.

Section 11. Protection of Capacity for Existing Users

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.

Section 12. Building Sewer Maintenance

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

ARTICLE IV. CONDITIONS TO USE SEWERS

Section 1. Water Conservation Rules

- 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. 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.
 - 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 prerinse 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.

- 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. 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. 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. 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 Commission, 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 Commission 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:
1. 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;
 2. Cause corrosive damage or hazard to structures, equipment, or personnel of the wastewater management system, but in no case discharges with the following properties:
 - having a pH lower than 5.0 or greater than 10.0 for more than 10% of the time in a 24hour period;
 - having a pH lower than 3.5 or greater than 12.0 for any period exceeding 15 minutes.

3. 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.
4. 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;
5. 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;
6. Contain more than 100 milligrams per liter of non-biodegradable oils of mineral or petroleum origin;
7. Contain floatable oils, fat, or grease;
8. Contain noxious, malodorous gas or substance which is present in quantities that create a public nuisance or a hazard to life;
9. Contain radioactive wastes in harmful quantities as defined by applicable state and federal regulations;
10. Contain any garbage that has not been properly shredded;
11. Contain any odor or color producing substances exceeding concentration limits that may be established by the Director for purposes of meeting the Commission's NPDES permit.

Section 3. Federal Categorical Pretreatment Standards

- 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.

- 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

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.

ARTICLE V. CLASS III INDUSTRIAL DISCHARGERS

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.

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.

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.

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:
 - d) Average Actual
 - Daily User Discharge Monitoring Frequency
 - less than 1,000 gpd semiannually
 - 1,000-2,000 gpd quarterly
 - more than 2,000 gpd monthly
- e) 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.
- f) 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.

- g) 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.
- h) 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:
 - 1. Require pretreatment to a condition acceptable for discharge to the waste water sewers,
 - 2. Require control over the quantities and rates of discharge,
 - 3. Require payment to cover added cost of handling and treating the waste waters not covered by existing fees or charges,
 - 4. Require the development of compliance schedules to meet any applicable pretreatment requirements,
 - 5. Require the submission of reports necessary to assure compliance with applicable pretreatment requirements,
 - 6. Carry out all inspection, surveillance, and monitoring necessary to determine compliance with applicable pretreatment requirements,
 - 7. 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
 - 8. 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

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

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

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

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

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

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.

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 11 January 2017

AYES: Fred Knight
Sam Potter
Rick Greene

NAYS: None

ABSENT: None

NOT VOTING: None

Board Meeting Minutes

Dec 7 & Dec 12, 2016

Posted under Minutes on the
Website

WhiteWater

FY 2015 Alarm Calls/Emergent Issues

Date	Reason	Reg Hrs	OT Hrs
June 26, 2014	High water levels	1.50	2.00
June 30, 2014	Failed Blower	5.00	
July 1, 2014	Blower	4.00	
July 1, 2014	Alarm High FET Level		4.50
July 5, 2014	Alarm High FET Level		4.00
July 5, 2014	Loss of Power		3.00
July 7, 2014	Alarm High FET Level		3.50
July 10, 2014	Alarm High FET Level		3.50
July 11, 2014	WIN 911 Programming	4.00	
July 14, 2014	WIN 911 Programming	4.00	
July 16, 2014	WIN 911 Programming	4.00	1.00
July 17, 2014	Alarm One Tank Hi, One Tank Low		3.50
July 23, 2014	Blower Noise	2.00	
August 1, 2014	Chem Pump Lines	2.00	1.00
August 1, 2014	Pump Lines		2.50
August 21, 2014	Rebuild Blower	3.00	
August 23, 2014	Alarm No Trouble Found		3.00
August 25, 2014	Work on Blower	1.00	
September 7, 2014	Alarm -Chem Fill Panel		2.50
September 21, 2014	Alarm (No trouble?)		3.00
September 28, 2014	Alarm Tank Levels		4.00
September 30, 2014	Alarm Alum Pump Failures		2.00
October 1, 2014	Evaluate Alum Pump Failures	8.00	
October 2, 2014	Unlock Alum Pump/Lines	3.50	
October 2, 2014	Uneven Tank Levels		3.00
October 4, 2014	Uneven Tank Levels		2.50
October 8, 2014	Blower Noise	4.00	
October 8, 2014	Blower Noise	3.00	
October 23, 2014	Failed Alum Pump	3.00	
January 19, 2015	Tank Levels		2.00
February 12, 2015	Troubleshooting Plant Alarms	1.00	1.00
February 12, 2015	MassDEP Inspection		1.00
February 12, 2015	Alarm Issues	1.50	
February 28, 2015	Tank Levels		4.75
March 1, 2015	Tank Levels		4.00
March 3, 2015	Tank Levels		2.00
March 15, 2015	Clean Membranes		2.00
March 18, 2015	Clean Membranes		2.00
March 28, 2015	Alarm Tank Levels		3.50
April 3, 2015	Alarm Tank Levels		3.00
April 4, 2015	FET In High Level		3.00
April 4, 2015	Alarm Tank Levels		3.00
April 5, 2015	Alarm		3.00
April 10, 2015	Alarm Tank Levels		3.50
April 11, 2015	Diffuser Valve Clean Failure		3.00
April 12, 2015	Alarm Tank Levels		3.50
April 18, 2015	Alarm High EQ Basin		2.50

April 19, 2015	Alarm High EQ Basin		3.00
April 19, 2015	Alarm Tank Levels		3.00
April 20, 2015	OVIVO Troubleshooting		2.00
April 29, 2015	Tank Levels		3.00
April 29, 2015	Blown Fuse		3.00
May 10, 2015	Alarm Tank Levels		3.00
May 26, 2015	Tank Levels		2.00
May 26, 2015	Testing Flow Meter	1.00	
May 31, 2015	Loss of Power Alarm		3.00
June 10, 2015	Troubleshoot Fuse	1.00	
June 10, 2015	Drop off Fuse for Anoxic Sensor	1.00	
Total	58 Calls	57.50	117.25
Tank Level Issues:	27 Calls	2.50	82.25

WhiteWater

FY 2016 Alarm Calls/Emergent Issues

Date	Reason	Reg Hrs	OT Hrs
August 4, 2015	Alarm Power Failure, System Shut down		3.00
August 26, 2015	High Tank Levels/Equip tripped out		3.00
August 26, 2015	Install Transducer, get plant running	4.00	2.00
August 27, 2015	Finish repairs #2 Anoxic Transducer & 911 System up and running	3.00	
September 3, 2015	Alarm PA Blower #1		2.00
September 8, 2015	Alarm Rte 20 Pump Station		3.00
September 10, 2015	Pump Grease and clean pump station wet well		2.00
October 19, 2015	Alarm High Anoxic tank Level/Faulty Sensor		1.50
October 26, 2015	Troubleshoot Problem Transducer in Anoxic #1. Order parts for repair	4.00	
October 26, 2015	Extra time Chemically Cleaning Membranes. Train #2, Phase 1 Hypochlorite Solution		2.00
October 27, 2015	Extra time Chemically Cleaning Membranes. Train #2, Phase 2 Citric Acid Solution		2.00
October 27, 2015	Remove failed Perm Pump Drive Motor/ Install new Bearing		4.50
October 28, 2015	Install/Setup/Test New Transducer in Anoxic #1. Plant on-line running in auto.	2.00	2.00
October 28, 2015	Extra time Chemically Cleaning Membranes. Train #1, Phase 1 Hypochlorite Solution		2.00
October 28, 2015	Install Rebuilt Perm Pump Motor	2.00	
October 28, 2015	Flow Meter Calibrations	2.00	
October 29, 2015	Extra time Chemically Cleaning Membranes. Train #2, Phase 2 Citric Acid Solution		2.00
November 1, 2015	Alarm Low Level Anoxic Tank		3.00
November 12, 2015	Troubleshoot Plant Shutdown/Working with Ovivo on issues.	4.00	
November 13, 2015	Working with Ovivo on prior day issues	1.50	
November 19, 2015	Replaced V belts on #2 Membrane Blower	1.00	

January 8, 2016	On-site with ITS to care for items within program	2.00	
January 10, 2016	Alarm Anoxic Basin 1 High Level		2.50
January 29, 2016	Emergency Repairs to Remote Pump Sta.	6.00	
January 27, 2016	Evaluate Remote Pump Sta. Pipe for Pump Sta. Repair	1.00	
January 27, 2016	Evaluate Pump Sta. Pump Leak	1.00	
January 28, 2016	Pickup Parts at T & Dalton for Pump Sta. Repair	1.00	
January 28, 2016	Pickup Equipment at Container for Pump Sta. Repair		1.00
January 29, 2016	Pump Sta. Repair	7.00	1.00
January 29, 2016	Emergency Repair Broken Pipe at Pump Sta.	7.00	
February 9, 2016	On-site to Work Alarm List within Winn 911 so only Critical Alarms go out	4.00	
February 12, 2016	Alarm Call		2.00
February 27, 2016	Alarm High EQ Tank		4.00
March 12, 2016	Alarm High EQ Tank Level		4.00
March 26, 2016	Alarm Failed Permeate Control Valve		4.00
March 27, 2016	Alarm Flow Control Valve Failure		4.00
April 2, 2016	Alarm Multiple High Tank Levels, Valve Issues		4.00
April 3, 2016	Alarm High Level Anoxic Tank #2		5.00
April 3, 2016	Assisted Scott with Plant Issues		1.00
April 4, 2016	Troubleshoot Perm Valve	2.00	
April 4, 2016	On-site Troubleshoot issue with FCV Effluent & also issue with PC Locking up. Tracking Down Parts & Talking to OVIVO	2.00	1.00
April 7, 2016	Alarm Multiple High Tank Levels, Valve Issues		4.00
April 16, 2016	Alarm Low Permeability/Low Permeate Flow Shutdown		3.00
April 17, 2016	Alarm High EQ Tank Level		4.00
April 21, 2016	Alarm Low Permeability Plant Shut Down		4.00
April 22, 2016	Working on Effluent Valve & Alarm System	2.00	2.00
April 22, 2016	Evaluate Perm Cauator Malfunction	3.00	0.50
May 2, 2016	Clear Actuated BW Valve	2.00	
June 29, 2016	Alarm High MBR Blower Discharge Pressure due to faulty sensor		2.00
Total	49 Calls	61.50	85.00
Anoxic/Tank Level Issues	13 Calls	9.00	37.00
Emerg. Repair & Other	11 Calls	13.00	27.00

WhiteWater

FY 2017 Alarm Calls/Emergent Issues

Date	Reason	Reg Hrs	OT Hrs
July 5, 2016	Alarm High Level Anoxic Tank		3.00
July 29, 2016	Perm Valve Issues	2.00	
July 29, 2016	Remove failed Actuator Brake for Train 2	2.00	
July, Aug & Oct, 2016	No Alarm Calls		

September 16, 2016	Alarm High Level Anoxic Tank		4.00
September 21, 2016	Alarm Flow Deviation, Residual Pump 1 Running; but not pumping, changed v-belts		3.50
September 22, 2016	Went through plant and troubleshot recent alarm calls	5.00	
October 6, 2016	Alarm EQ Tank High Level		5.50
October 6, 2016	Residual pump #1 running, but not pumping, broken pipe nipple on suction side.	2.50	1.00
October 9, 2016	Alarm High FET, Membrane shut down. RAS pump replace flapper valve and spool piece	8.00	
October 11, 2016	Repair to residual pump #1	8.00	0.50
October 12, 2016	Alarm High FET and flow deviation.		3.00
October 14, 2016	Alarm 4 Service Center		2.00
October 18, 2016	Alarm High Post Anoxic		2.00
October 19, 2016	Run off to street Boston Post Road manhole		2.00
October 25, 2016	Train #1 Membrane Cleaning	3.00	
October 31, 2016	Alarm Anoxic Basin Low, High EQ Basin		3.00
November 3, 2016	Alarm 911 Communication Failure	1.00	0.50
November 6, 2016	Alarm RAS Pump 1 running but not pumping. Replaced belts.		3.50
November 15, 2016	Alarm Power Loss, Restart Plant		2.00
November 16, 2016	Worked on EQ Pump	1.00	
November 21, 2016	Troubleshoot EQ Pump, take off piping, flush and clear bleed port	3.50	
Total	23 Calls	36.00	39.00
Anoxic/Tank Level Issues	4 Calls	-	12.00
Emerg. Repair & Other	7 Calls	5.00	17.50



FOR THE ASSABET SUDBURY & CONCORD RIVERS

23 Bradford Street • Concord, MA 01742
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office@oars3rivers.org

www.oars3rivers.org

December 13, 2016

BOARD OF DIRECTORS

Fred Knight, Chairman
Wayland Wastewater Management District Commission
Wayland DPW Building
66 River Road
Wayland, MA 01778

Ingeborg Hegemann
Vice President
Stow

Attention: Jane Capasso, Account Specialist

Richard Tardiff
Treasurer
Natick

Dear Mr. Knight,

Dick Lawrence
Clerk
Hudson

Below is the budget for the continuation of Water Quality Monitoring (WQM) of the Sudbury River for the eighth year, covering the period January 1-December 31, 2017. While every effort has been made to estimate costs accurately, billing will reflect actual costs incurred. The monitoring covered under this budget is a continuation of the first 2.5 years of monitoring, and conforms with the Settlement Agreement for the Town of Wayland regarding compliance with NPDES Permit No. MA 0039853.

Don Burn
Westborough

Table with columns for 2017 and 2016. Rows include Analysis (Summer sampling, Meter rental, Meter maintenance), Travel (Chlorophyll sampling), Personnel (Staff Scientist), Office overhead, and Project annual costs.

Robert Donelan
Concord

Lisa Eggleston
Sudbury

Allan Fierce
Stow

Paul Goldman
Marlborough

Dave Griffin
Maynard

Brian Kilcoyne
Concord

Martin Moran
Hudson

Pam Rockwell
Concord

This budget includes \$500 for YSI meter rental. If the town purchases a meter before the May 2017 sampling season, the rental fee can be reduced by \$400. We will be happy to provide any documentation you may require regarding lab fees.

Peter Shanahan
Acton

Please confirm by January 31 that these terms are accepted by the Town, and don't hesitate to call if you have any questions.

Lisa Vernegaard
Maynard

Sincerely,

Handwritten signature of Alison Field-Juma

Alison Field-Juma, Executive Director

WWMDC FY2017 BUDGET

January, 2017

December 6, 2016 - January 9, 2017

SUMMARY	ACTUAL YTD	BUDGET YTD	YTD VARIANCE	ANNUAL BUDGET	NOTES
User Charges	\$ 144,553.44			\$ 743,411.86	
Total Operating Expenses	\$ 98,489.73			\$ 743,411.86	
Net Operating Income:	\$ 46,063.71			\$ 0.00	
INCOME DETAILS					
User Charges	144,553.44	189,455.03	(54,901.59)	265,940.04	
Other	7,203.85	-	7,203.85	-	Budget includes Q2 billing in January.
Old Betterment - Principal	-	-	-	38,441.67	Pen & Int, Liens, Misc Rev & Int Earmd on Sav's
Old Betterment - Interest	-	-	-	9,465.15	Billed Nov & Dec on Tax Bill. Paid Feb & Apr
New Betterment - Principal	1,426.88	-	1,426.88	240,000.00	Billed Nov & Dec on Tax Bill. Paid Feb & Apr
New Betterment - Interest	3,165.66	-	3,165.66	189,565.00	Billed Nov & Dec on Tax Bill. Paid Feb & Apr
Unapp WW Better TC Rev	12,884.04	-	12,884.04	-	Billed Nov & Dec on Tax Bill. Paid Feb & Apr
Unapp WW Better TC Int	481.83	-	481.83	-	Unbudgeted Betterments Paid in Advance
Total Income/MUNIS:	\$ 169,715.70	\$ 189,455.03	\$ (29,739.33)	\$ 743,411.86	\$ (41,881.45)
EXPENSE DETAILS					
PERSONAL SERVICES					
Salaries (Account Specialist)	13,208.70	19,572.00	6,363.30	33,552.00	899.72 Budgeted for Salary Increase - Not Approved
Indirect/Admin (Town Services)	-	14,390.25	14,390.25	24,669.00	2,055.75 Expensed in May, 2017
Legal Services	-	2,918.67	2,918.67	5,000.00	416.67
PROFESSIONAL SERVICES					
Facility Operating Contract	27,300.00	27,300.00	-	46,800.00	3,900.00
Fac. Labor & Other Prof. Serv.	8,271.11	11,666.67	3,395.56	20,000.00	1,664.89
Engineering Fees	-	-	-	-	1.78
NPDES Permit	-	-	-	-	-
Total Pers. & Prof. Expenses	\$ 48,779.81	\$ 75,845.58	\$ 27,065.77	\$ 130,021.00	\$ 7,481.17
Percent of Total	34%			17%	3,373.91
REPAIRS & MAINT EXP.					
Building Repair & Improvement	6,201.14	3,598.18	(2,602.96)	6,168.31	No Budget
Equipment Repairs & Maint.	11,640.00	11,283.65	(356.35)	19,343.40	(1,795.41) Emerg. Repair 10/19/16 at 292 BPR
Sludge Disposal	1,578.14	4,540.96	2,962.82	7,784.50	(1,448.05)
Chemicals	2,823.72	12,833.33	10,309.61	22,000.00	648.71
Maintup & Other	6,803.00	3,791.67	(3,011.33)	6,500.00	1,027.91
Surface Water Testing (Oars)	-	-	-	-	6,803.00
Total Repairs & Maint Exp.	\$ 28,746.00	\$ 36,047.79	\$ 7,301.79	\$ 61,796.21	\$ 12,977.86
Percent of Total	20%			8%	(7,828.18)
OPERATING EXPENSES					
Disposal (Trash Removal)	957.52	3,604.04	2,646.52	6,178.35	41.67
Natural Gas-NIT Grid & Dir. En.	15,938.65	23,207.60	7,268.95	39,784.46	(19.80)
Electricity - Eversource	684.85	1,182.56	497.71	2,027.24	950.86
Telephone - Verizon	333.04	369.12	36.08	632.77	(0.85)
Water -TOW	49.86	-	(49.86)	-	34.94
Admin Serv's (Other/Vactor Trng)	3,000.00	14,583.33	11,583.33	25,000.00	(49.86)
Contingency	20,983.92	43,238.32	22,274.40	74,122.83	1,583.33
Total Operating Expenses	\$ 98,489.73	\$ 155,131.69	\$ 56,641.96	\$ 265,940.04	\$ 2,540.29
Percent of Total	15%			10%	(1,913.97)
TOTAL OPER & CAP EXP'S					
Capital Expenses					
Old Debt-Principal	29,766.40	-	-	38,441.67	
Old Debt-Interest	-	-	-	9,465.15	
New Debt -Principal	94,762.50	-	-	240,000.00	
New Debt -Interest	124,568.90	-	-	189,565.00	
Total Capital Expenses:	\$ 249,100.80	\$ 0.00	\$ (249,100.80)	\$ 667,471.82	\$ 477,471.82
Notes:					
Old Debt-Principal	Incorrectly includes \$2,135.64 of Old debt interest. Adjusting entry needed.				
Old Debt-Interest	Paid in August and February				
New Debt -Principal	Subsidiary pays interest in Aug. Payment due Feb.				
New Debt -Interest	Paid in August and February				
Total Capital Expenses:	Paid in August and February				

Wayland Wastewater Management District Commission									
Summary of Utility Bills - FY2017									
December 6, 2016 - January 9, 2017									
Vendor#	Vendor Name	Address	Invoice#	Invoice Date	Amount	WWMDC	Org#	Object	Description
2170	Abrahams Group	52 Flanagan Dr, Framingham, MA 01701	#3	11/8/16	\$ 500.00	Acct #	63443002	Exp Acct	Financing Project
10656	Direct Energy	P.O. Box 32179, New York, NY 10087-2179	H16322975	12/15/2016	\$ 249.33	Note 1	63443002	54599	Consultant/Financing Project
10656	Direct Energy	P.O. Box 32179, New York, NY 10087-2179	H16322966	12/15/2016	\$ -	452224/678961	63443002	53102	Gas-185 Elissa Ave
3027	EVERSOURCE	1 NSTAR Way, SW300, Westwood, MA 02090	28704030031	12/29/2016	\$ 174.01	452224/678968	63443002	53102	Gas-2 Elissa Ave
3027	EVERSOURCE	1 NSTAR Way, SW300, Westwood, MA 02090	28671560010	12/29/2016	\$ 2,190.50	28704030031	63443002	53103	Electricity-185 Elissa Ave
1016	GateHouse Media	P.O. Box 845908, Boston, MA 02284-5908				28671560010	63443002	53103	Electricity-185 Elissa Ave
3805	Mark Lanza					100242045	63443002	52101	Rate Hearing Advertisement
2759	National Grid	PO Box 11735, Newark, NJ 07101-4735	50412-10350	12/14/2016	\$ 275.33		63443002	52108	Legal
2759	National Grid	PO Box 11735, Newark, NJ 07101-4735	50412-10370	12/14/2016	\$ 10.00	50412-10350	63443002	53102	Gas-185 Elissa Ave
11776	OARS Inc.	23 Bradford St, Concord, MA 01742	144	12/9/2016	\$ 6,803.00	50412-10370	63443002	53102	Gas-2 Elissa Ave
7783	E.S. O'Neil Electric	82 Lawrence St, Waltham, MA 02451	A66098			144	63443002	52103	2015 Surface Water Testing
3332	John Regan Ent.	PO Box 5003, Cochrane, MA 01778	31593			A66098	63443002	52116	Emerg. Repair 292 BPR 10/19/16
2271	TOW-Water	66 River Road, Wayland, MA 01778	2601700	12/23/2016	\$ 17.79	31593	63443002	52116	Emerg. Pumping 292 BPR 10/19/16
2271	TOW-Water	66 River Road, Wayland, MA 01778	2601700	11/30/2016	\$ -	2601700	63443002	53105	Water Dept Admin Fee-185 Elissa
2569	VERIZON	PO Box 15124, Albany, NY 12212-5124	5083582801	12/18/2016	\$ 121.59	2601700	63443002	53105	Back Flow Testing-185 Elissa Ave
2569	VERIZON	PO Box 15124, Albany, NY 12212-5124	5083580192	12/19/2016	\$ 48.20	5083582801	63443002	53104	Phone - Pump @ 2 Elissa Ave
2058	WB MASON	59 Centre St, Brockton, MA, Attn: Gail Meireles	I4025887	12/19/2016	\$ 15.88	5083580192	63443002	53104	Phone - 185 Elissa Ave
2058	WB MASON	59 Centre St, Brockton, MA, Attn: Gail Meireles	I40389024	12/22/2016	\$ 33.98	C2380305	63443002	52107	Office Supplies-Index tabs/hole punch
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01	70024191	1/6/2017	\$ 3,900.00	C2380305	63443002	52107	Office Supplies-Hanging folders
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01	70023926	12/12/2016	\$ 1,538.75	WAY002	63443002	52100	Facility Operating Contract
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01	70023926	12/12/2016	\$ 2,309.44	WAY002	63443002	52101	Facility Labor (Prof. Serv.)
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01	70023926	12/12/2016	\$ 3,060.00	WAY002	63443002	52116	Equip Repairs & Maint.
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01501				WAY002	63443002	52122	Sludge Disposal
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01	70023926	12/12/2016	\$ 805.42	WAY002	63443002	52125	Chemicals
6693	Whitewater	C/O RHW Construc, 41 Central St., Auburn, MA 01				WAY002	63443002	52151	Mark Up on Repairs & Maint.
Total					\$ 22,053.22				
Total WhiteWater without Contract Fee					\$ 7,713.61				

Note 1: The Abrahams Group reviewed Wastewater's betterment financing and reformatting the balance sheet. June, 2016 paid \$3,000, September, 2016 paid \$2,500 and January, 2016 final payment \$500.

Note 2: E.S. O'Neil Electric dba Septic Pump Lift Stations

WhiteWater Invoices

Fiscal Year 2017

December 6, 2016 - January 9, 2017

Invoice #	Invoice Date	Amount	Month Processed	Contract Fee	Labor #52101	Equip Repairs & Maint					Total
						Sludge 52122	Chemicals 52125	Mark Up #52151	Sludge 52122	Chemicals 52125	
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	\$ 728.76	\$ 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		\$ 805.42	\$ 7,713.61
Totals		\$ 54,638.50		\$ 27,300.00	\$ 7,990.00	\$ 3,606.64	\$ 11,640.00	\$ 1,578.14	\$ 2,523.72	\$ 54,638.50	

Current Month Total without Contract Fee \$ 7,713.61

WWMDC Cash Receipts FY2017

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 63105000/42105	7/1-7/18 \$ 316.79	7/19-8/15 \$ 16,844.92	8/16-9/12 \$ 42,316.05	9/13-10/11 \$ 648.97	10/12-11/14 \$ 11,235.04	11/15-12/5 \$ 48,953.21	12/6-1/9/17 \$ 24,238.46	\$ -	\$ -	\$ -	\$ -	\$ -
6308 Penalties & Interest * 63105000/41750	\$ -	\$ 42.73	\$ 20.10	\$ 13.24	\$ 140.81	\$ 418.73	\$ 228.28	\$ -	\$ -	\$ -	\$ -	\$ -
6303 Miscellaneous Rev * 63105000/43299	\$ -	\$ -	\$ 4,523.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6304 Betterments (Old) 63105000/47501	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6305 Betterment Interest (Old) 63105000/47502	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6306 Betterments Pd in Adv 63105000/47599	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6307 Int. Earned on Savings * 63105000/48210	\$ -	\$ 367.57	\$ -	\$ 367.86	\$ 356.27	\$ 368.42	\$ 356.82	\$ -	\$ -	\$ -	\$ -	\$ -
6309 Wastewater Liens * 63105000/42111	\$ -	\$ -	\$ -	\$ 0.02	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6311 WW Better TC Rev 63105000/47503	\$ -	\$ -	\$ 1,426.88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6312 WW Better TC Int 63105000/47504	\$ -	\$ -	\$ 3,165.66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6313 UNAPP WW Better TC Rev 63105000/47505	\$ 12,884.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6314 UNAPP WW Better TC Int 63105000/47506	\$ 481.83	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ 169,715.70

Notes:

Miscellaneous Revenue - Privilege Fee \$4,523 for change in use resulting in increased capacity at 231 Boston Post Road

* Other for Budget Reporting

Total Revenue (Minus Balance)	\$ 169,715.70
Less: UNAPP New Better TC Rev	\$ (12,884.04) Unbudgeted Betterments (Paid in Full & Partial Payments)
Less: UNAPP New Better TC Int	\$ (481.83) Unbudgeted Betterments (Paid in Full & Partial Payments)
Less: New WW Better TC Principal	\$ (1,426.88)
Less: New WW Better TC Int	\$ (3,165.66)
Less: Old Betterment Principal	\$ -
Less: Old Betterment Int	\$ -
Revenue net of Capital Accts	\$ 151,757.29

(Net of Betterment)

Capasso, Jane

From: Capasso, Jane
Sent: Wednesday, January 11, 2017 10:25 AM
To: Fred Knight <fred@knightway.org>; 'Sam Potter'; Rick Greene
Cc: Capasso, Jane
Subject: Town Center Title V Question - Answer Tonight

Dave Costello from National Development would like to know what the Board would assign for design flow for an art studio that serves beer, wine and light snacks. They are just thinking about this right now. The location will be where Wayside Gourmet is next to Ace Hardware.

The new tenant would like 2,000 sf (Wayside Gourmet has this)
Current Title V: Retail property at 50 gpd per 1,000 sf for a design flow of 100 gpd.

Title V options for the new tenant:

Retail at 50 gpd per 1,000 sf
Restaurant Fast Food at 20 gpd per seat
Restaurant at 35 gpd per seat

Considerations:

- 1) Is this retail or restaurant fast food for Title V?
- 2) From our meeting with the Whole Foods group – A fast food restaurant does not prepare food. See Dave's email below, paragraph 2.
- 3) Scott from National Development talked about new verses existing space and the Title V design flow. See Dave's email, paragraph 1 on a further explanation.

Jane Capasso
Account Specialist
Wayland WMDC
508-358-6851

From: David Costello [mailto:dcostello@NatDev.com]
Sent: Wednesday, January 11, 2017 9:47 AM
To: Capasso, Jane
Subject: RE: Confirmation with my Boss

Jane,

Any 2nd generation space with prior approved designed flow is on record. That would be evaluated with the permit on 2nd generation occupancy use but most likely same use (i.e. – Petco retail with another retailer). However, in this case if you were to have a different use such as going from Wayside Gourmet Space (Ace Hardware) to paint studio that capacity number can change.

As for the food question, they are not cooking on site... They are an Assembly use. And they just heat and eat. No venting required. They use an under-the-sink grease interceptor, not a real grease trap.

Food menu is below. All of their locations have a beer and wine license and they offer a few varieties of each. The food is just to comply with the requirements for beer/wine license as well as a complement to the wine and painting, but

customers generally are not eating a real dinner there. One of the reasons developers like them – is they attract people to paint and then they eat dinner at a restaurant on the premises.

Hope this helps and let me know if you have any other questions here.

Thanks

Dave

Muse
PAINTBAR

WARM BITES

- SPINACH & FETA TRIANGLES^V | 6
- CLASSIC BRUSCHETTA^{VG} | 7
- BEEF DOGS IN PUFF PASTRY | 6
- CHEESY CHICKEN & DIP^{GF} | 7
- MOZZARELLA STICKS^V | 5
- GARLIC BREAD^{VG} | 6
- SAMPLER PLATTER | 11
- Spinach & Feta Triangles, Beef Dogs, and Mozzarella Sticks

DESSERTS

- HOT BROWNIE W/ WHIP^V | 4
- VANILLA BEAN ICE CREAM^{GF} | 4
- BROWNIE A LA MODE^V | 6

COLD PLATES

- HUMMUS PLATTER^{VG} | 7
- ASSORTED CHEESES^{GF} | 7
- CHIPS & SEASONAL SALSA^V | 6
- CHEF'S PLATE | 12
- Served with Cheeses, Crackers, & Charcuterie

BIGGER BITES

- NAKED CHICKEN PARMESAN^{GF} | 8
- FRENCH BREAD PIZZA
- PEPPERONI | 8
- CHEESE | 7
- 3 CHEESE MAC 'N CHEESE^V | 7
- CHICKEN CALZONE | 7
- PULLED PORK SANDWICH | 7

FOR BEVERAGE SELECTIONS, ASK MUSE STAFF OR SEE BAR

V = VEGETARIAN | VG = VEGAN | GF = GLUTEN FREE
NOTE: ALL MENUS ITEMS MAY CONTAIN TRACES OF OTHER ALLERGENS
OR OTHER ALLERGENS DUE TO SHARED COOKING EQUIPMENT

888 607 MUSE 169731 | HELLO@MUSEPAINTBAR.COM
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