TOWN OF GILL

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SELECTBOARD MEETING MINUTES

July 10, 2017

Called to Order: The meeting was called to order at 5:30 PM.

Members Present: John Ward, Randy Crochier, Greg Snedeker Members Absent: none
Others Present: Ray Purington, Administrative Assistant; Janet Masucci, Hannah Brookman, Mitch Lata, Kathy Lata, Jennifer Morrow, Glen Ohlund, Claire Chang, Vicky Jenkins, Tupper Brown

Housing Rehab Program: Glen Ohlund and Jennifer Morrow, both from the Franklin County Regional Housing & Redevelopment Authority (FCRHRA), met with the Selectboard to discuss and promote the Housing Rehabilitation Loan Program. Funding is available to low- and moderate-income Gill residents through a 2016 Community Development Block Grant awarded to Bernardston, Gill, and Rowe. There are currently no names on the Program's waiting list for Gill, and there are still funds available.

The Program covers moderate rehabilitation of single- or owner-occupied multi-family homes, health and safety improvements, correcting major system failures (often septic systems), and energy efficiency improvements. The loans are 0% interest, deferred payment until ownership is transferred, with up to 50% of the loan forgiven (declining loan balance for 15 years).

A flyer about the program will be inserted in the next batch of sewer bills, and an article will go in the summer issue of the Gill Newsletter. Morrow and Ohlund left the meeting at 5:38 PM.

Heat Pump META Grant: Vicky Jenkins (Chair), Claire Chang, and Tupper Brown, all members of the Gill Energy Commission, met with the Selectboard to discuss the Town's previously awarded $12,500 META grant, and to request expanding the scope of the grant. The DOER awarded Gill the Municipal Energy Technical Assistance grant in September 2016, with an original scope of hiring a consultant to evaluate ground source heat pump (GSHP) technologies for use at the Town Hall and to develop bid specifications for a GSHP system.

Gene Beaubien and Bill Kimball joined the meeting at 5:42 PM

After further consideration of GSHP installation costs and logistical factors concerning the land immediately around the Town Hall, the Energy Commission no longer believes GSHP is the best solution for heating the building, and wants to broaden the scope of the grant to include air source heat pumps – the same type of system installed at the Riverside Building in 2015. Additionally, the Energy Commission wants to expand the grant to include the Slate Memorial Library. According to a recent study done by the UMASS Clean Energy Extension, the Library has the highest energy use per square foot of all the Town's buildings.

The DOER has indicated it will allow both additions to the grant scope upon receiving an email from the Town.

A representative from Energia, the company that did insulation work at the Town Hall and Riverside Building in 2014 and at the Public Safety Complex in 2016, will be evaluating the Town Hall and Library on July 12th for potential insulation improvements. Depending on the recommendations, the work may be the basis for a 2018 application for a Green Community grant. It was noted that work at the Library is complicated by its historical features (cinder block walls, cathedral ceiling) and accessibility issues. Compliance with accessibility requirements of the Architectural Access Board are triggered by any project with a cost that exceeds 30% of the building's assessed value.

The members of the Energy Commission explained there will be much work in order to investigate the options, develop a recommendation, and apply for a Green Community grant. They are looking for the Selectboard's general support for what's been discussed, before proceeding further. There was consensus from the Selectboard that the

Energy Commission should move forward on all that was discussed. An email will be sent to DOER requesting the scope of the grant be expanded to include ASHPs and the Library. Jenkins and Chang left the meeting at 5:53 PM.

Mountain Road Water Runoff: Mountain Road residents Mitch and Kathy Lata met with the Selectboard to discuss a problem with surface water runoff coming from the neighboring Mountain Road Daycare property onto their own. Mitch Lata presented photographs showing water damage to his property, including killed vegetation, and undermining of his driveway and a stone wall. He believes increased vehicle traffic to and from the daycare, coupled with the passage of time, has caused the daycare's driveway to tilt so most of the surface water now comes down the slope and onto his land. The problem has worsened in the last 3 – 4 years.

He has spoken with the neighbors, and said they are unwilling to do anything to prevent water from leaving their property. He has also spoken with the Building Inspector, and was told unless or until the neighbors apply for a building permit, the Building Inspector does not have any jurisdiction or enforcement ability in this matter.

In their discussion, the Selectboard raised questions to be asked of the Building Inspector: Are there limits on the number of children allowed at a residential daycare? How is the property zoned? What are the zoning requirements to operate a residential daycare? Does the daycare have any existing special permits or zoning variances? Ray will make the inquiry and will share the response with the Latas. The Latas and Brown left the meeting at 6:09 PM.

Fire Department Annual Purchase Orders: Fire Chief Gene Beaubien presented his department's annual purchase order for routine, budgeted expenses in excess of $500. There was considerable discussion about the Franklin County radio system. John made a motion, seconded by Greg, to approve the planned purchases as presented. The vote was unanimous in the affirmative.

Franklin County Emergency Radio System (FCECS): The Fire Department's annual assessment for the maintenance of the FCECS increased from $1,691.22 in FY17 to $2,591.22 in FY18. The Police Department's assessment and increase is identical, and all towns in Franklin County received similar increases to their assessments for FY18. Beaubien and Kimball (a part-time Gill police officer and former Gill firefighter) explained that the quality of the radio transmissions in Gill are "terrible," and there are dead zones and poor service areas in many towns. Radio calls cannot be heard and/or understood at Gill's Fire Station. Kimball described a situation earlier in the day when he was driving the cruiser on Main Road and was unable to call out on the radio. Had he needed police backup or other assistance, he could not have called for it. The radio system has become dangerous, and is Not Acceptable!

The Selectboard agreed to send a letter to the FRCOG and the FCECS Oversight Committee explaining the many and serious problems with the radio system and expressing hope that the repairs planned for FY18 bring improvements to the performance and reliability of the system. More frequent status updates will be requested, and it will be suggested that MEMA and FEMA grant opportunities be explored. Kimball left the meeting at 6:25 PM.

Other Fire Department Updates: Beaubien reported there has been no official word on the Town's application to FEMA for an Assistance to Firefighters Grant for the replacement of the air packs. The next round of MEMA's Emergency Management Preparedness Grants (EMPG) will open soon, and Gill is eligible for an award of $2,460. Some of the grant will go toward the Town's annual service contract for the CodeRED notification system. Beaubien reported that the Rescue Van is at Ford of Greenfield for repairs, possibly a faulty ignition control module on the left front fender. Beaubien left the meeting at 6:30 PM.

Minutes: Greg made a motion, seconded by John, to approve the minutes of 6/26/17. The vote was unanimous in the affirmative.

Sewer I&I Study: Nothing to report.

Gill Elementary Well: The requested changes to the treatment system schematic have been emailed to the engineer. Once the new drawing is received, the application paperwork will be sent to DEP.

Mariamante Property/Community Solar: Nothing to report.

Annual Reports: Departments with missing reports for FY14 have been contacted.

French King Bridge – Camera Access: The Selectboard reviewed a proposed Equipment Agreement between the Mass Dept. of Transportation and the Town of Erving related to the two surveillance cameras installed on the Gill and Erving ends of the French King Bridge. Based on a conversation Ray had with Mass DOT District 2 Supervisor Patrick Paul, a separate agreement between MassDOT and Gill is not planned, as both MassDOT and the camera image vendor, VAISALA, prefer to deal with only one town. It is up to Gill and Erving to decide if they

want to do a two-town agreement to address repairs, maintenance, and other ongoing costs and issues. The Erving Selectboard will be discussing the MassDOT agreement at their meeting tonight.

The Selectboard reiterated support for the cameras and the importance of having Police Department access to the camera images. They support the idea of a separate agreement between Gill and Erving, and asked Ray to work with his counterpart from Erving to develop the agreement, if the Erving Selectboard is of a similar mind.

Speed Bumps on Mount Hermon Road: Highway Superintendent Mick LaClaire was not able to attend the meeting to discuss the topic. It will appear on the July 24th agenda.

Battlefield Grant – Landowner Permission: The Selectboard reviewed a request from Kevin McBride, the Director of Research for the Mashantucket Pequot Museum and Research Center. McBride is leading the team of researchers who are investigating the battlefield of the May 19, 1676 Battle of Turner's Falls. He requested permission from the Selectboard to do metal detecting on the Town's six parcels of land collectively and commonly referred to as the Mariamante Property. In his request McBride explained that lead musket balls are a primary target of the search, and if the property was part of the battlefield, it is very likely there are still musket balls in the ground, despite years of artifact hunting at the location.

The Selectboard has previously granted permission for this type of investigation on the land of the Riverside Building. John made a motion, seconded by Greg, to grant permission for the investigation. The vote was unanimous in the affirmative.

Sewer Commitment: The Selectboard reviewed the sewer commitment of $25,423.35 with a bill date of July 17, 2017. Historical charts of sewer income vs disposal costs and daily water and sewer volumes were reviewed, but no anomalies were noted. John made a motion, seconded by Greg, to sign the sewer commitment of 7/17/2017. The vote was unanimous in the affirmative.

One Day Liquor Licenses: The Selectboard reviewed a draft of regulations governing Special & One-Day Liquor Licenses. The Town is currently without any regulations, and its application form can be described as "minimal, at best." The proposed regulations are based on ones used in Montague and several other towns, and have been reviewed and are supported by Gill's Police Chief. Ray noted that an application for a license is expected from the Giving Tree School for a 40th anniversary event in October.

In discussion, the Selectboard asked that a requirement for licensees to have completed alcoholic beverage service training (TIPS or similar) be removed, as it did not seem fair to require this of one-day licensees when the Town does not require it of its annual licensees. John made a motion, seconded by Greg, to adopt the proposed regulations without the TIPS requirement. The vote was unanimous in the affirmative.

CIPC Appointment: John made a motion, seconded by Greg, to appoint Jane Oakes as the Gill-Montague Regional School Committee's representative to the Capital Improvement Planning Committee through June 30, 2020. The vote was unanimous in the affirmative.

Hannah Brookman left the meeting at 7:05 PM

Warrant: The Selectboard reviewed and signed the FY 2017 warrant #27 and the FY 2018 warrant #2.

The meeting adjourned at 7:33 PM.

Minutes respectfully submitted by Ray Purington, Administrative Assistant.

Signed copy on file. Approved on 08/07/2017

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Greg Snedeker, Selectboard Clerk

Municipal Energy Assessment Report

For

Gill, Massachusetts

June 26, 2017

Prepared by

UMass Clean Energy Extension

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1. Project Background

UMass Clean Energy Extension (CEE) has been engaged by the state Department of Energy Resources (DOER) to support municipalities in providing technical assistance in understanding and managing their energy consumption. The Town of Gill recently engaged with UMass CEE to review energy opportunities at the Town Hall building specifically. Resulting from this initial meeting, CEE was authorized access to Gill's MassEnergyInsight (MEI) account, which was used to conduct the analysis found in this Municipal Energy Assessment Report (MEAR). By formalizing the data contained in the MEI account, the MEAR provides a solid foundation to support a systemic approach to identification and implementation of energy projects.

The purposes of this report are to:

- Identify the energy requirements and energy usage intensities in Gill's municipal buildings (**Section 2**);
- Discuss a range of technologies and strategies to manage energy consumption, including clean heating and cooling technologies, energy efficiency best practices, and strategies to reduce vehicle fuels (**Section 3**);
- Determine priority targets to reduce energy loads in municipal buildings (**Section 4**);
- Provide additional detailed building analyses to support further engineering studies and/or the solicitation of contractor quotes.

Since Gill engaged with CEE in May 2017, key energy efforts within the town have been made on the following fronts:

- **Town Hall insulation project**: Gill has contacted an energy efficiency provider to request a scope of work and estimated costs for additional insulation work at Town Hall
- **META Grant funding**: A Municipal Energy Technical Assistant (META) Grant awarded to Gill from the Massachusetts Department of Energy Resources will provide funding to tentatively assess the applicability of air source heat pumps at Town Hall; grants related to this and other clean heating and cooling technologies are linked in **Section 3** and **Appendix B** of this report
- **Gill Elementary School energy management analysis**: Professor Ben Weil, Principal Investigator at CEE, provided a review of Gill Elementary School's energy data to understand savings related to the school's ESCO project
- **MEI data review**: CEE reviewed Gill's data within the MEI database. Findings include:
    - Gill might consider updating its baseline year to better reflect a typical year
    - Heating fuel data for the elementary school appears to be substantially lower than in previous years so should be double-checked for accuracy
- **Municipal Energy Report**: CEE's Municipal Energy Assessment Report (MEAR) completed

Next steps will include review of this report by the Gill energy committee meeting, and a subsequent discussion with UMass CEE to review results and ongoing projects. Please contact CEE with any questions at 413-545-8510 or energyextension@umass.edu.

2. MEI Account Review & Analysis

2.1 Inventory

As shown in **Figure 1**, oil is the dominant energy user within the town (48%), followed by diesel (22%), electric (21%), and gasoline (9%).

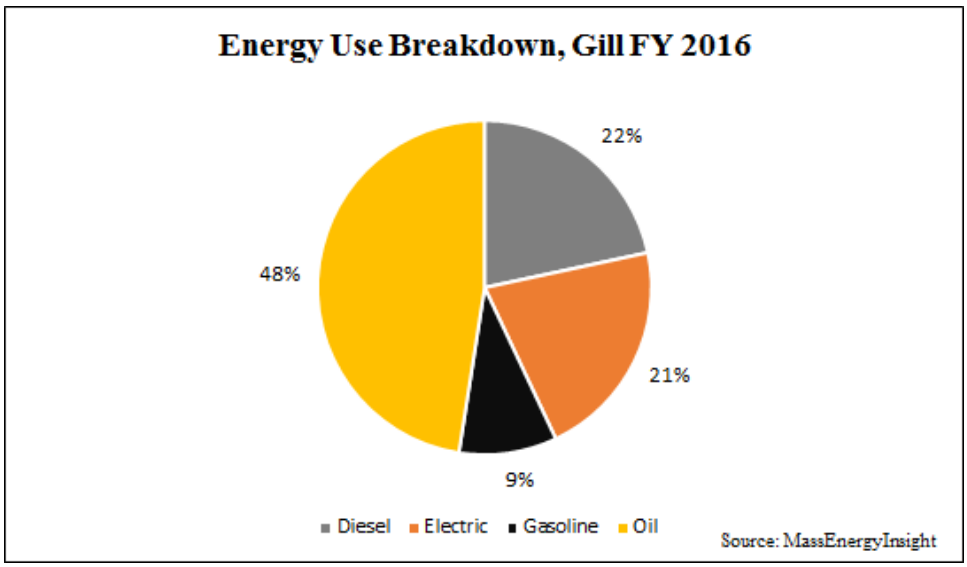


Figure 1 shows the town's energy use by fuel type

2.2 Total Energy Use by Account and Fuel Type

Gill's total municipal energy consumption was analyzed on a "per account" basis. **Figure 2** indicates that two of Gill's accounts alone make up greater than half of the town's total energy usage: (1) the oil consumption at the elementary school (35% of town's total energy use) and (2) Highway Department's diesel use (22% of town's total energy use).

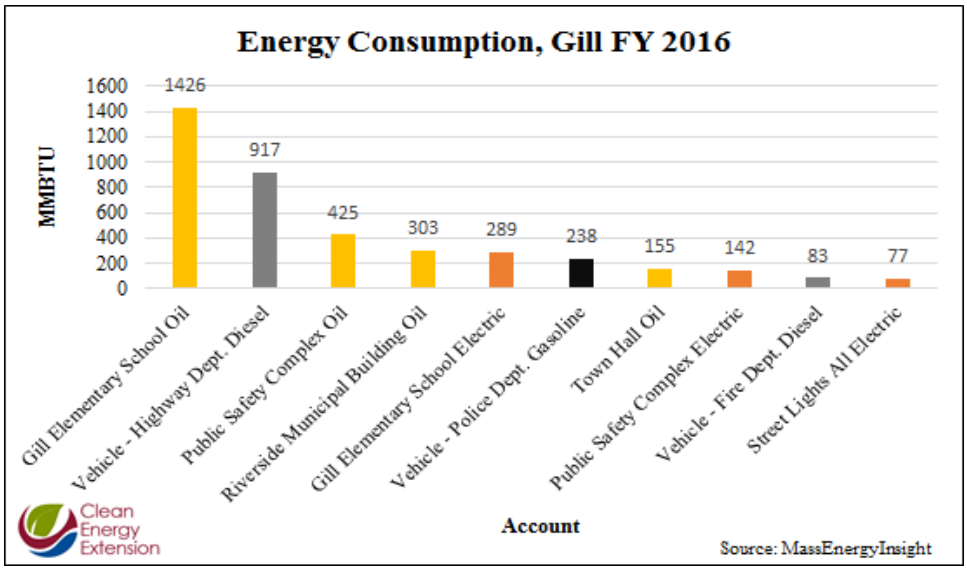


Figure 2 shows the town's top ten accounts by energy use and type

2.3 Energy Usage Intensity

EUI is a metric used to evaluate the energy usage (including both heating and electricity) on a building conditioned area basis. EUI analysis can provide a clearer understanding of how well Gill's buildings are performing so that potential energy efficiency studies and projects can be prioritized. **Figure 3** and **Table 1** below show Gill's municipal building energy use on in Energy Usage Intensity (EUI) basis.

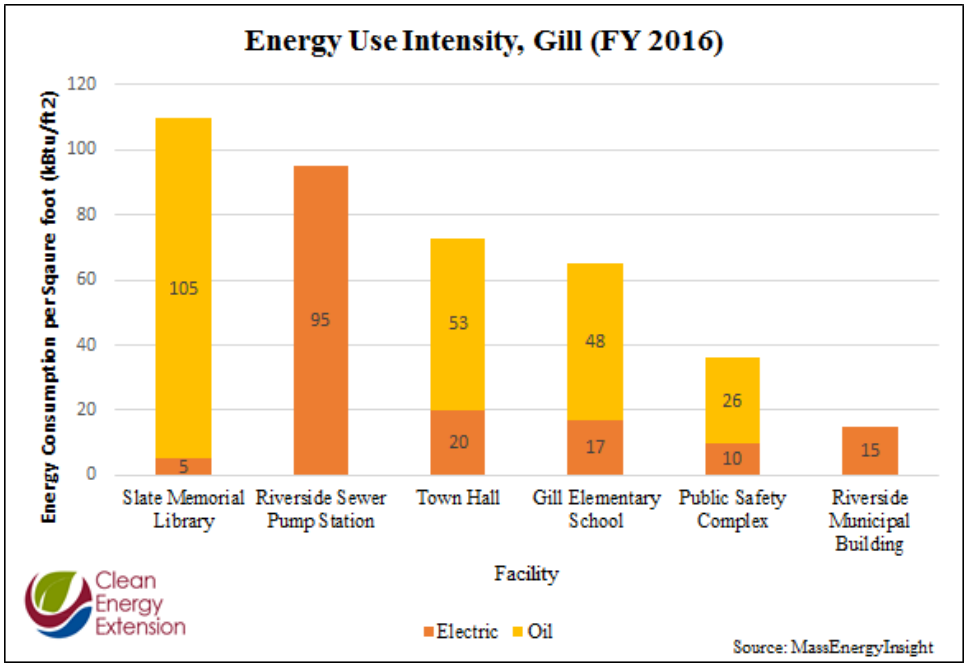


Figure 3 shows the town's energy use intensity for key buildings

Table 1: Key Account Building Energy Use Intensity (1,000 Btu/ft^2) by Fuel Type FY 2016

Facility	Oil (kBtu/ft^2)	Electricity (kBtu/ ft^2)	Total (kBtu/ ft^2)
State Memorial Library	105	5	**110**
Riverside Sewer Pump Station	0	95	**95**
Town Hall	53	20	**73**
Gill Elementary School	48	17	**65**
Public Safety Complex	26	10	**36**

2.4 Thermal Performance of Key Buildings

The relationship between energy consumption and efficiency is not always clear. For example, a building may not consume a significant amount of energy, yet it can be highly inefficient. Alternatively, a particular building may

use a large amount of energy efficiently. Although EUI provides an evaluation to compliment overall fuel consumption, additional thermal performance analyses are required to better understand energy metrics.

Key buildings were selected for further analysis based on their heating fuel consumption and EUI. Buildings that both consume a significant energy and have a high EUI suggest that improvements would have the greatest impact in reducing municipal energy consumption. Buildings not chosen for further analysis were believed to either: require too much investment for comparable results, and/or alterations would have a marginal impact on total heating load. Given the small number of buildings in Gill, this analysis was completed for all three buildings.

As represented in **Table 2**, CEE has conducted an analysis that compares the pattern of fuel consumption with weather data (outdoor temperature) to identify the 'balance point' for that particular building. The balance point is the outdoor temperature at which internal systems turn on to heat the building. A building with a balance point that is higher than 60°F is a good candidate for lifestyle (e.g. keeping overhead garage doors closed) or structural changes (e.g. adding Insulation) that would decrease the building's heat loss through the envelope. Our analysis indicates that Gill buildings vary from the standard of 60°F by roughly 5°F-7°F, indicating that they are good candidates for envelope improvement measures. Additional information on the statistical tests used to determine the balance points, and comparison of year-to-year heating fuel consumption is included in **Appendix D**.

Table 2: Municipal building balance points

Facility	Balance Point (°F)
Elementary School	64.8
Public Safety Complex	64.9
Town Hall	66.7
Slate Memorial Library	64.8
Riverside Municipal Building	65.0

3. Introduction to Clean Energy Technologies and Best Practices

Understanding baseline energy conditions, as analyzed and discussed in Section 2, provides a strong foundation to develop and implement energy infrastructure improvements. The information presented in this section covers clean heating technologies, energy efficiency best practices, and strategies to reduce vehicle fuel usage. This information is provided solely to familiarize Gill with potential options, which will be discussed in more detail with CEE when this report is reviewed with Gill.

3.1 Clean Heating and Cooling Technologies

As a means to substantially reduce or eliminate the use of traditional fossil fuels, the heating and cooling of municipal buildings can be provided by or supplemented with established renewable thermal technologies such as air-source or ground-source heat pumps, solar thermal heating, and modern wood heating. The Massachusetts Clean Energy Center's (MassCEC) Clean Heating and Cooling programs offer rebates to support the installation of renewable heating, hot water, and cooling technologies at facilities across the Commonwealth. These technologies are generally more cost-effective to operate than traditional fossil-fuel systems and can reduce greenhouse gas emissions, all while maintaining a high level of comfort, automatic operations, and reliability. MassCEC has announced a $30 million commitment to these technologies through 2020. More information on the programs, technologies, and participating vendors can be found on the Massachusetts Clean Energy Center (MassCEC) website (http://www.masscec.com/government-non-profit/clean-heating-and-cooling), as well as in **Appendix B** of this report.

In addition to MassCEC, the state Department of Energy Resources is finalizing its Alternative Portfolio Standard regulation that will provide important incentive for the operation of clean heating technologies; and grants received by Green Communities may be applied to clean heating applications upon review with DOER.

Additionally, municipal buildings are often clustered together, which can provide the opportunity for district heating where one heating system can be used to heat multiple buildings. Where this is possible, this may reduce the capital and operational costs for new clean heating systems.

3.2 Energy Efficiency Best Practices

Energy efficiency can help lower energy bills, reduce emissions of greenhouse gas and other air pollutants, and increase energy security. These opportunities may include equipment upgrades and envelope improvements, as well behavioral changes, maintenance practices, and the use of automated controls. The capital required for these improvements can range from no-cost behavioral strategies to major investment retrofits, such as distribution or central heating system upgrades. Additional information on best practices is provided in **Appendix C** of this report.

3.3 Reducing Vehicle Fuel Usage

For some Massachusetts communities, vehicle fuel often accounts for as much as a quarter of total municipal energy consumption, and is often overlooked during efficiency assessments. While replacement of the most inefficient vehicles will provide substantial savings, these are several other ways to reduce fuel use:

- Right-size vehicles for their tasks
- Optimize vehicle routes
- Regularly check and maintain air pressure in tires
- Educate employees on vehicle idling protocol

- Evaluate hybrid or electric vehicles for major energy consuming vehicles such as high-mileage passenger cars and heavy duty municipal or DPW vehicles
- Consider fuel efficiency in all new vehicle purchases, including those that are exempt from Green Communities criterion 4 requirements

4. Next Steps

CEE is grateful to Gill's energy committee and town officials for their assistance in developing this Municipal Energy Assessment Report. Combined with existing town interests and efforts, the availability of potential municipal clean energy funding sources, and support from CEE and other agencies, Gill is well positioned to pursue clean energy opportunities across its municipal facilities.

As a follow-up to this report, CEE would be pleased to participate in a review meeting will Gill's energy committee and town officials. The format of this meeting is typically a phone call with CEE and town officials to discuss the findings of this report, better understand Gill's interests and priorities, and develop target strategies for energy usage reduction, clean energy opportunities, and to review current participation status within the Green Communities program. Given Gill's existing interests and focus areas, additional discussion topics and updates for this meeting should include:

- **Town Hall insulation project**: Gill has contacted an energy efficiency provider to request a scope of work and estimated costs for additional insulation work at Town Hall
- **META Grant funding**: A META Grant awarded to Gill from the Massachusetts Department of Energy Resources will provide funding tentatively assess the applicability of air source heat pumps at Town Hall
- **Gill Elementary School energy management analysis**: Professor Ben Weil, Principal Investigator at CEE, review of Gill Elementary School's energy data to understand savings related to the school's ESCO project
- **MEI data updates**:
    - CEE's MEI review indicates that Gill might consider updating its baseline year to better reflect a typical year
    - Heating fuel data for the elementary school appeared to be substantially lower than in previous years and so should be double-checked for accuracy

Please contact CEE (413-545-8510, energyextension@umass.edu) with any questions or to schedule a review meeting call.

Appendix A – Additional Building Charts

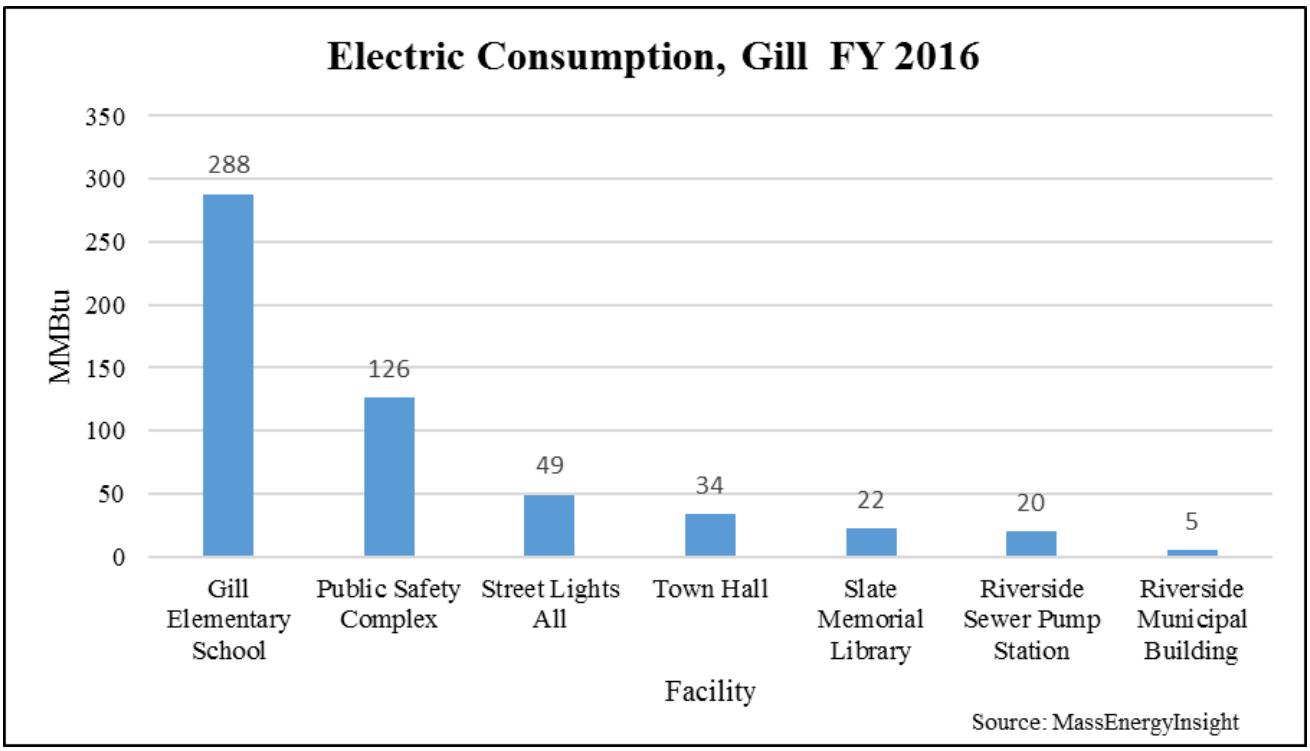


Figure A.1 shows the electric energy consumption by building.

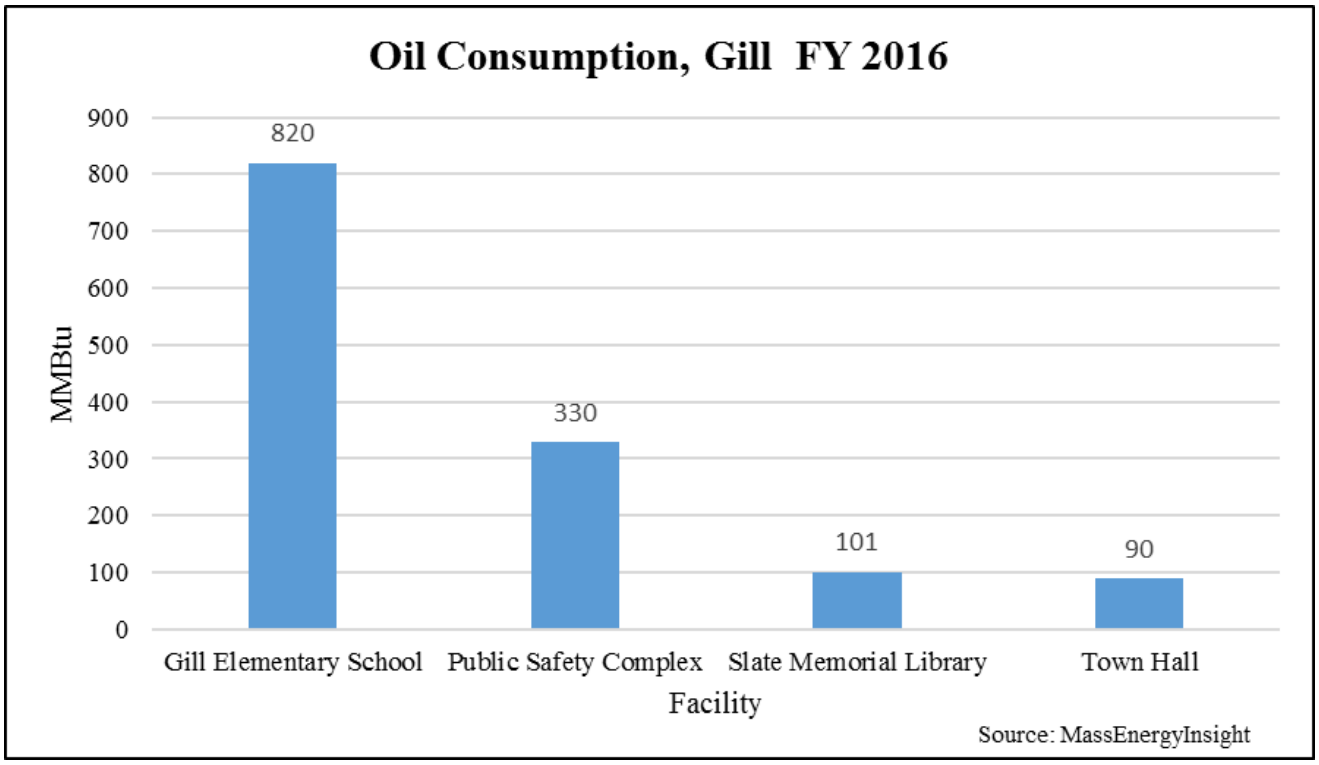


Figure A.2 shows the oil related energy consumption by building.

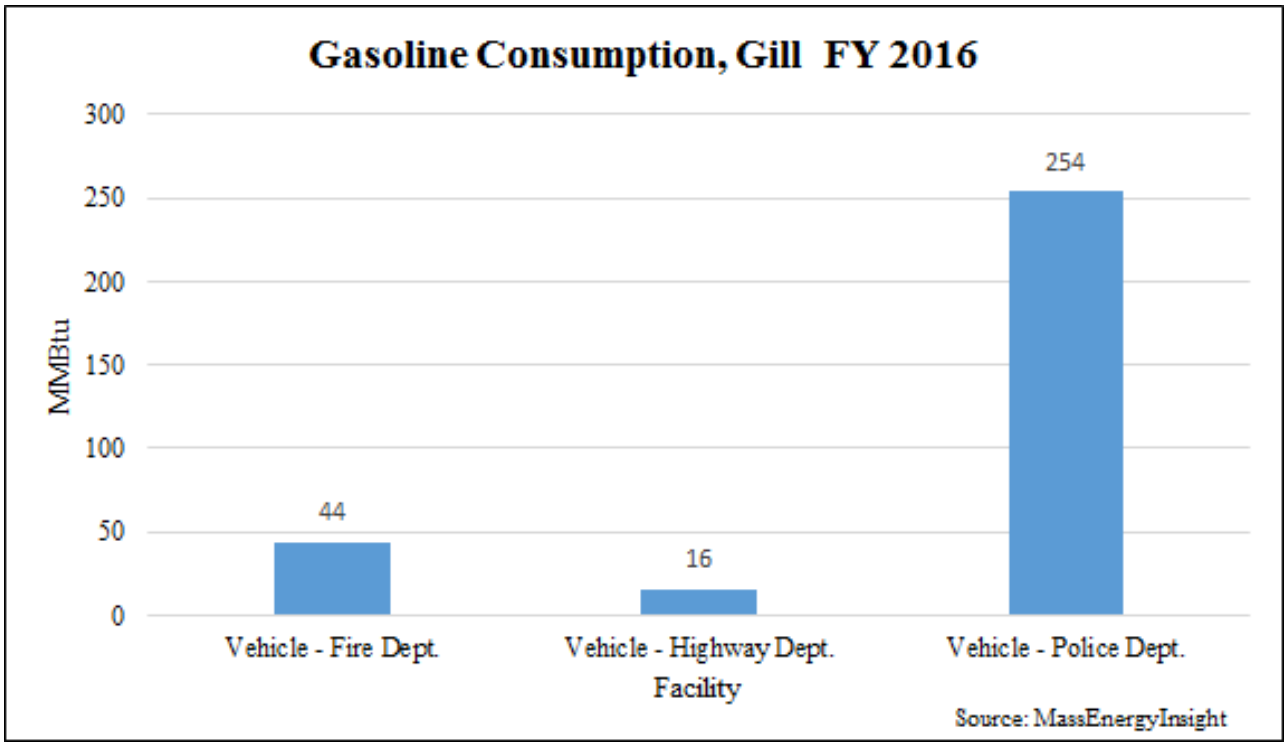


Figure A.3 shows the gasoline related energy consumption by department.

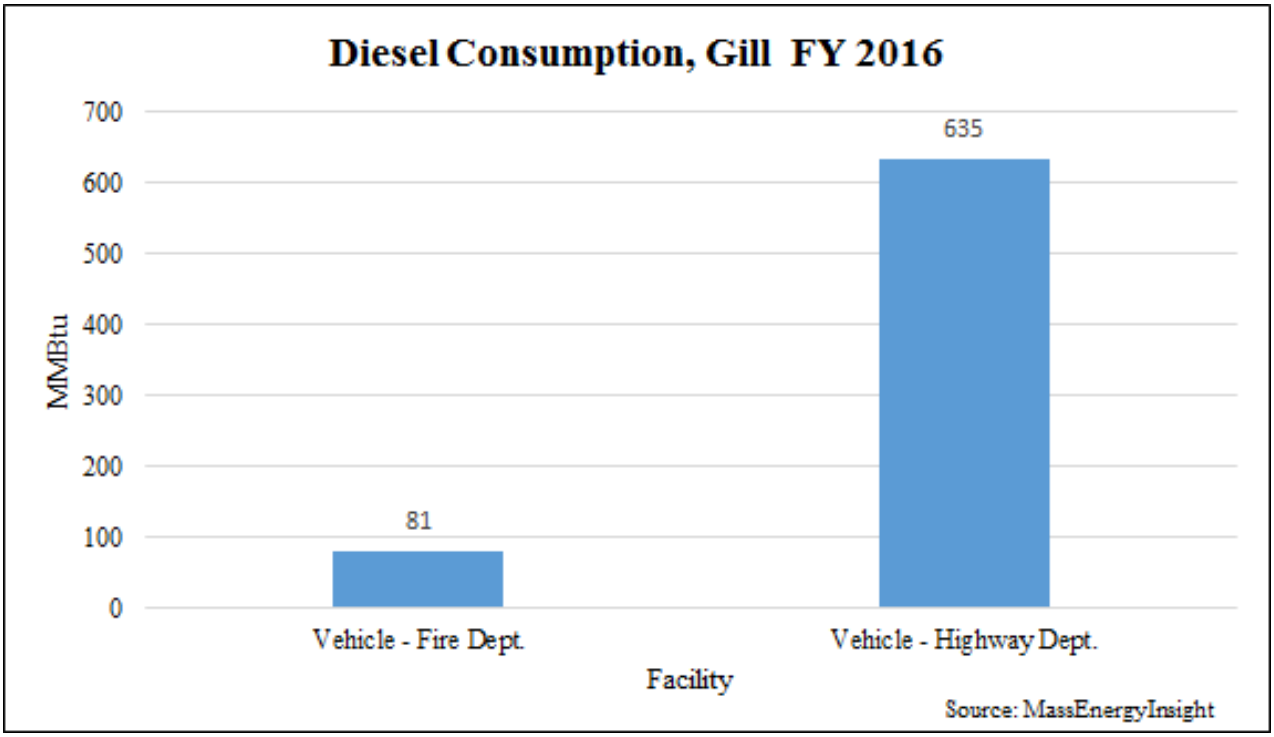


Figure A.4 shows the diesel related energy consumption by department.

Appendix B – Clean Heating Technologies Summary

In addition to traditional fossil fuels, the heating and cooling of Gill's municipal buildings can be fully provided by or supplemented with established renewable thermal technologies such as air-source or ground-source heat pumps, solar thermal, and modern wood heating. The following technology descriptions can be found on the Massachusetts Clean Energy Center (MassCEC) website, though is provided here for convenience. Additional information related to these, and other, clean energy technologies can be found at www.masscec.com.

Air-Source Heat Pumps

Air-source heat pumps (ASHPs) can provide cost-effective and energy-efficient heating and cooling for your building's space. While traditional systems burn fuel to create heat, a heat pump instead works by moving heat into or out of a space. Though they require electricity to operate, efficient ASHPs use 40-70 percent less electricity than traditional electric-resistance heating. Rebates of up to $210,000 are available.

Key Points

- Easy to install in existing buildings and compatible with any type of existing heating system
- Often installed to supplement existing heating systems
- Provide both heating and cooling in a single, efficient unit without the need to install ductwork
- Lowest up-front cost of any clean heating and cooling technology, and can be more cost effective to operate than traditional oil, propane, or electric heat

Modern Wood Heating

Modern wood heating systems use wood chips or wood pellets to produce heat, much in the same way traditional boilers or furnaces use oil, propane, or natural gas. Biomass heating systems can often integrate into existing heating systems, and can fulfill all of a building's heating and hot water needs. Systems are typically fully-automated, and require limited maintenance. Wood chip and pellet delivery is available in most parts of the Commonwealth. Rebates of up to $250,000 are available for commercial-scale systems and $27,000 for small-scale systems.

Key Points

- Typically installed in buildings with baseboard hot water heating, but furnace options are also available for buildings with forced air heating
- Can be more cost-effective than heating with traditional oil, propane, or electric heat

Ground-Source Heat Pumps

Ground-source heat pumps (GSHPs) can provide cost-effective, energy-efficient space heating and cooling, hot water and process heat by utilizing the nearly constant temperature underground to transfer heat between the ground and your facility. GSHPs are typically the most efficient type of heat pump. Though they require electricity to operate, efficient GSHPs can provide the same amount of heating for substantially less than traditional electric heating. Grants of up to $250,000 are available for commercial-scale systems and $25,000 for small-scale systems.

Key Points

- Great option for new construction, but can also replace existing forced air or hydronic heating systems

- High installation costs are offset by long-term energy cost savings compared with electric heat, oil, propane, or even natural gas heating plus highly efficient cooling

Solar Hot Water

Solar hot water systems use the energy of the sun to heat water for use in your home's hot water system. Solar hot water systems reduce the usage of traditional water heating fuels (such as oil, electricity or natural gas) and thereby reduce the amount you spend purchasing these fuels. Rebates of up to $100,000 are available.

Key Points

- Great option for both existing buildings and new construction
- Can reduce water heating costs and greenhouse gas emissions at your facility

Especially cost-effective for buildings currently heating water with oil, propane or electricity

Appendix C – Municipal Energy Efficiency Best Practices

The UMass Clean Energy Extension recommends that Green Communities and all municipalities consider the following energy efficiency best practices for municipalities.

Optimize Building Controls

Many buildings have building/energy management systems or programmable thermostats that are not operating to their full potential. These control systems need to be properly programmed and maintained in order to be effective in optimizing building operation and energy use. Energy efficiency opportunities may be identified by periodically retrocommissioning these systems, or reviewing temperature setpoints and schedules, comparing to building occupancy, making any necessary adjustments, and testing to make sure that the related equipment is operating as intended.

Control systems may record environmental conditions and operational parameters, and review of this data can be very helpful in maximizing the value of the system and identifying any performance problems with HVAC equipment.

For selected buildings, utility companies may be able to provide electrical billing data in 15-minute intervals, which can also be very useful in understanding electricity use patterns throughout the day/week and identifying opportunities to optimize building operation.

Some Green Communities have seen great benefits from these practices, some with the assistance of fault detection and diagnostic software or circuit-level monitoring by consulting companies. Utility pay-for-performance programs may provide incentives based on the achieved savings.

Install/Upgrade HVAC controls

Advanced controls can improve the efficiency of some HVAC systems without the substantial investments required to replace major equipment. These technologies include:

- Energy recovery ventilators or heat recovery ventilators use a heat exchanger to preheat or precool incoming fresh air by reclaiming energy from the outgoing exhaust air.
- Demand control ventilation (DCV) automatically adjusts the amount of outside air let into the building to optimize energy use while providing occupants with the right amount of fresh air.

Integrate Energy Efficiency into Purchasing Decisions

Efficiency ranges widely for many types of energy-consuming equipment. Incremental costs range depending on the product type, but sometimes there is little to no added cost for high efficiency models of new equipment. Information about efficiency of many types of products – including appliances, commercial kitchen equipment, electronics, office equipment and more – is available from the ENERGY STAR program at http://energystar.gov/products and http://energystar.gov/purchasing.

Use Power Management Software on all Computers

The ENERGY STAR program offers free support on computer power management to reduce electricity consumption when computers are not in use, detailed at http://energystar.gov/powermanagement.

Implement an Energy Engagement Program

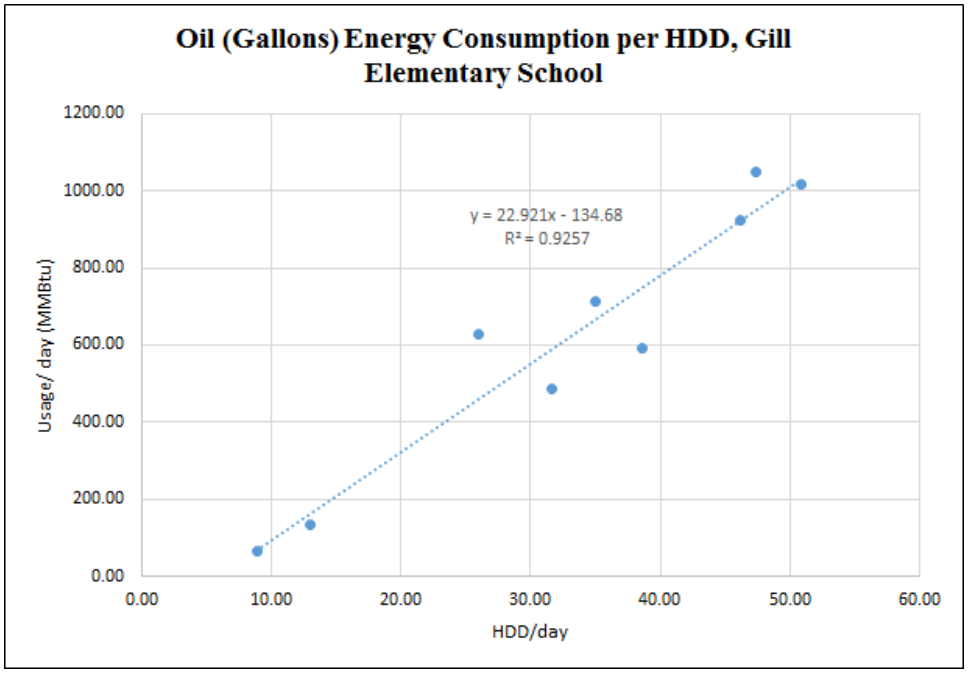
Some Green Communities have had success with programs that educate municipal employees, students and other building occupants about their energy reduction goals and encourage simple behavioral actions such as turning off lights, computers and other equipment when not in use.

Investigate Energy Efficiency Opportunities in Water and Wastewater Treatment Plants

Water and wastewater treatment plants are often among the highest energy consuming facilities in cities and towns. Our partner organization, the UMass Center for Energy Efficiency and Renewable Energy offers free, in-depth assessments of plants with annual energy costs of at least $100,000. The Center conducts a site visit with a thorough review of equipment and processes, then provides a detailed report with recommended energy efficiency opportunities, including estimates for energy and cost savings and implementation costs. More information is available at http://ceere.org/iac.

Appendix D – Building Heat Load Efficiency (Regression Analyses)

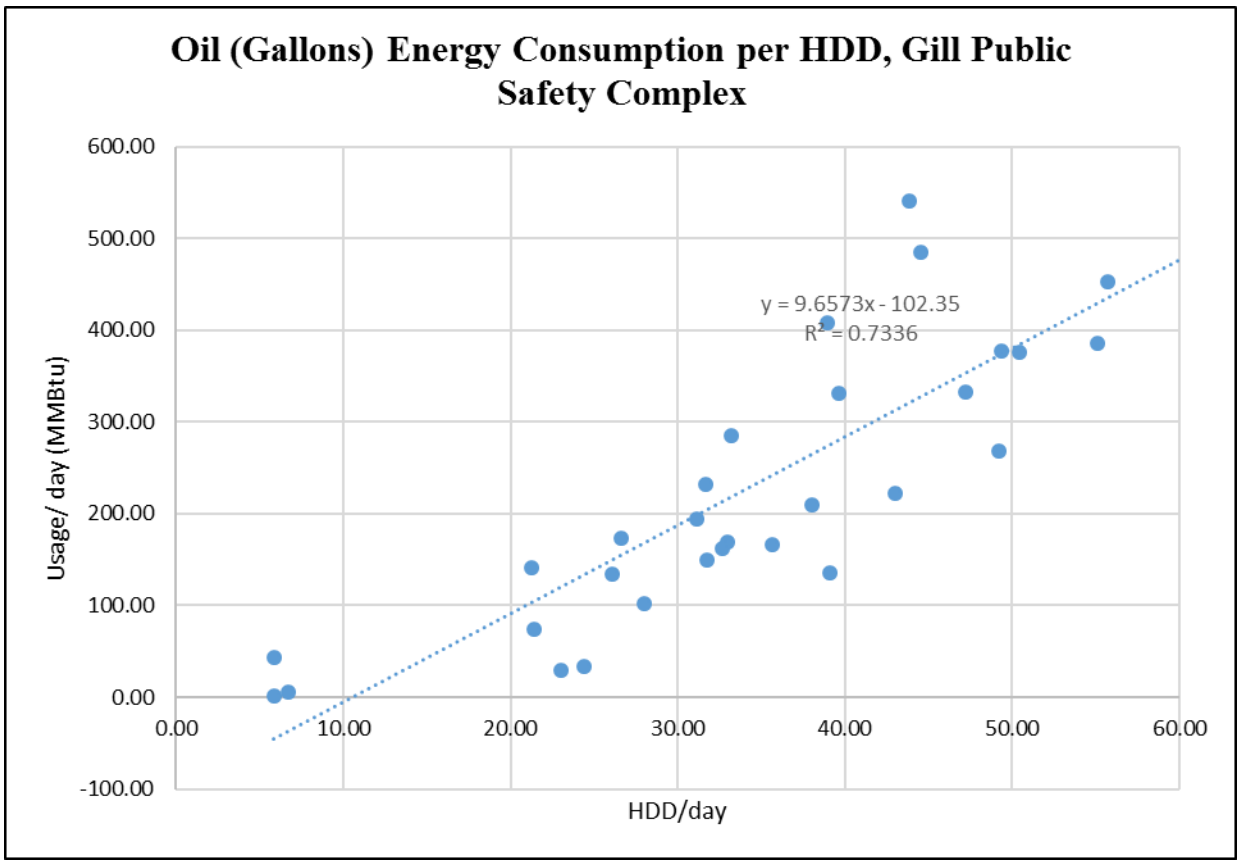
Regression Analysis



Baseload, Gill Elementary School	
Intercept	**15th Percentile**
-9.72	14.85

Correlation	
R^2	**Pearson**
0.926	0.962

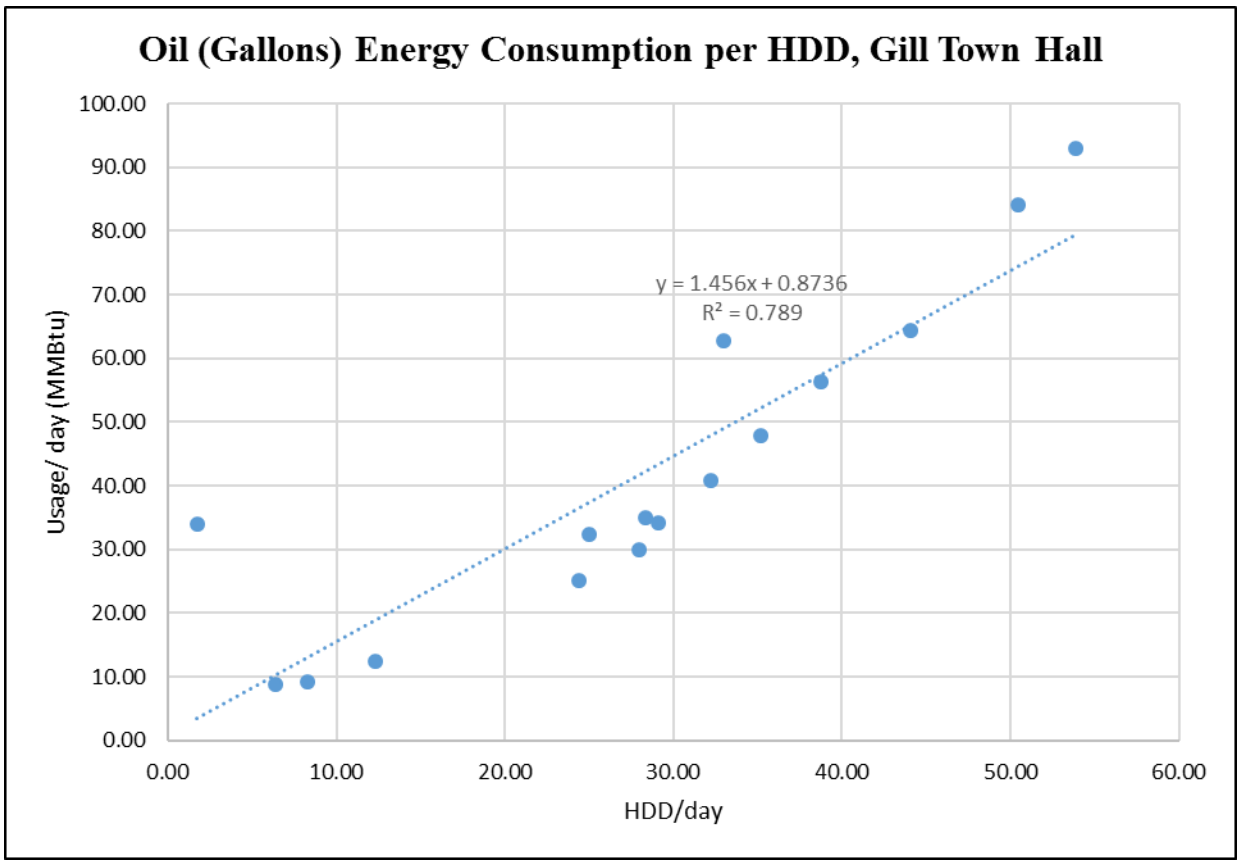
Slope (energy unit/°F)/intercept (energy unit)	1.65
Balance Point (°F)	64.83
Heating Sizing (MBtuh)	1870.34



Baseload, Gill Public Safety Complex	
Intercept	**15th Percentile**
-7.39	4.25

Correlation	
R^2	**Pearson**
0.734	0.857

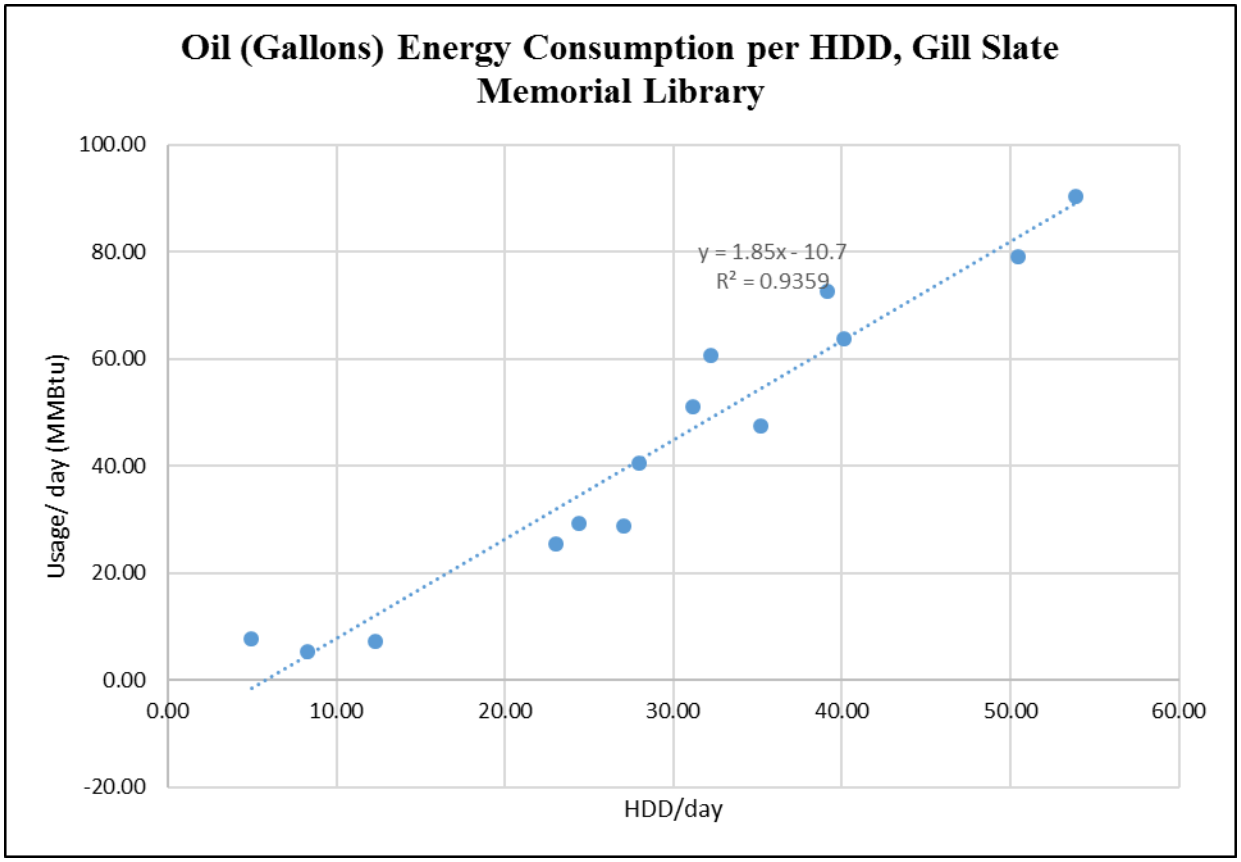
Slope (energy unit/°F)/intercept (energy unit)	0.70
Balance Point (°F)	64.91
Heating Sizing (MBtuh)	788.04



Baseload, Gill Town Hall	
Intercept	**15th Percentile**
0.06	1.13

Correlation	
R^2	**Pearson**
0.789	0.888

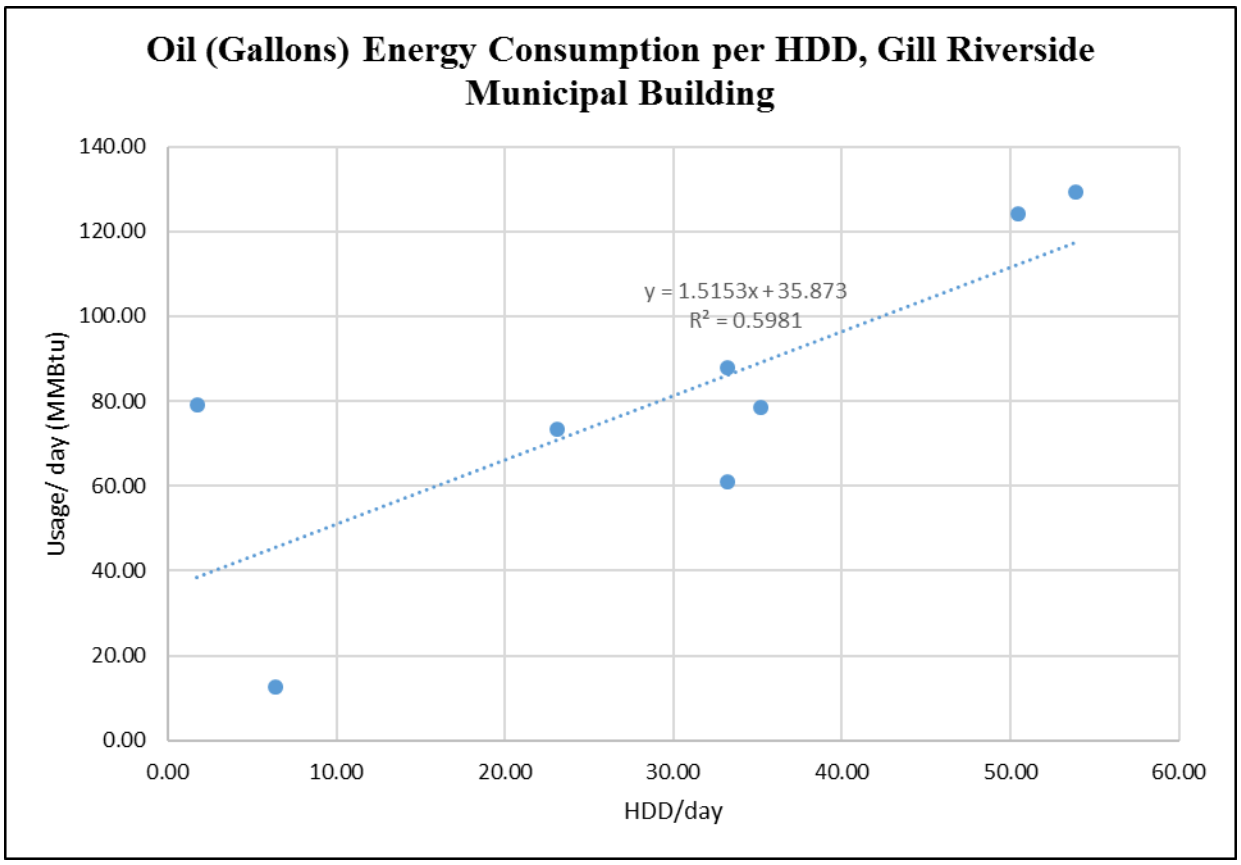
Slope (energy unit/°F)/intercept (energy unit)	0.11
Balance Point (°F)	66.67
Heating Sizing (MBtuh)	118.81



Baseload, Gill Slate Memorial Library	
Intercept	**15th Percentile**
-0.77	0.56

Correlation	
R^2	**Pearson**
0.936	0.967

Slope (energy unit/°F)/intercept (energy unit)	0.13
Balance Point (°F)	64.83
Heating Sizing (MBtuh)	150.96



Baseload, Gill Riverside Municipal Building	
Intercept	**15th Percentile**
2.59	4.45

Correlation	
R^2	**Pearson**
0.598	0.773

Slope (energy unit/°F)/intercept (energy unit)	0.11
Balance Point (°F)	65.04
Heating Sizing (MBtuh)	123.65

Gill Fire Department

196A MAIN ROAD • GILL, MA 01354 • (413) 863-8955 • FAX: (413) 863-0126

Memorandum

To: Gill Selectboard

From: Chief Gene Beaubien

Date: July 3, 2017

Re: PO's for Annual Expenses FY-18

Per my conversation with Ray, I am submitting a list of annual expenses that go over the $500.00 Purchase Order limit. Instead of submitting individual PO's I am submitting one list.

Franklin Regional Council of Governments $2,591.22
County radio maintenance contract

High Pressure Systems $700.00
Annual service on SCBA refill compressor

ACS Software Systems $675.00
Software maintenance
for state mandated reporting

KME New York $6,000.00 for 3 trucks
Chassis Service and Pump Service

KME NY $1,500.00
Pump Testing

KME New York Ladder Testing	$1,500.00
Firematic Supply Annual Air Pack Testing	$1,500.00
IPS Annual Jaws testing	$750.00
Firematic Supply 3 sets of turn out gear	$7,000.00

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION

EQUIPMENT AGREEMENT

AGREEMENT BETWEEN THE
MASSACHUSETTS DEPARTMENT OF TRANSPORTATION AND THE
TOWN OF ERVING

Agreement Number _____

AGREEMENT made this _____day of_____, 2017, by and between the MASSACHUSETTS DEPARTMENT OF TRANSPORTATION, hereinafter called "MassDOT", and the TOWN OF ERVING, hereinafter called the "TOWN".

WHEREAS, the TOWN has requested the installation of two traffic surveillance cameras on the Mohawk Trail (Route 2) at the French King Bridge over the Connecticut River in the Town of Gill (on the westerly side of the Connecticut River) and the Town of Erving (on the easterly side of the Connecticut River), where the aforementioned Mohawk Trail is under the jurisdiction of MassDOT,

WHEREAS, the purpose of the traffic surveillance cameras installation is to increase public safety by allowing the Gill and Erving Police Departments as well as the Massachusetts State Police to monitor and document the pedestrian and vehicular activity on and near the aforementioned French King Bridge and, if necessary, to provide an early response and/or medical assistance to any incidents that are observed,

WHEREAS, MassDOT for its own highway purposes will also have access to the camera views through its existing Road and Weather Information System (RWIS) Maintenance and Repair Contract with VAISALA Inc., hereinafter called the "VENDOR,"

WHEREAS, the parties hereto have reached agreement as to the ownership, future maintenance and operation of the proposed traffic monitoring cameras as made a part of this Agreement.

NOW THEREFORE, in consideration thereof, MassDOT and the Town hereby agree, each with the other, to the following provisions:

I. GENERAL PROVISIONS

A. MassDOT shall install two (2) traffic monitoring cameras; one on each side of the French King Bridge.

B. The camera on the Gill side of the French King Bridge shall be mounted on the existing Road/Weather Station tower and the camera on the Erving shall be installed on a separate camera pole. The cameras shall consist of a Pan/Tilt/Zoom (PTZ) camera, cellular modem, conduit, cable and all other appurtenances necessary for a completely operational traffic surveillance camera system.

C. While cameras are PTZ, they have fixed views which are programed through the VENDOR. Additional views can be added to the VENDOR service for remote viewing. Images are retrieved periodically and may be programmed by the VENDOR as requested by the TOWN. The images will be posted to the TOWN'S online account for viewing.

D. The camera and image storage and retrieval are to be operated by the TOWN through the VAISALA NAVIGATOR website of the VENDOR (https://rds/vaisala.com/apps). Once accessed, the website will be populated with weather information regarding the monitored site as well as image captures. The TOWN may work with the VENDOR to set up image captures as desired.

E. The camera and image storage and retrieval are to be operated by the TOWN and after the first year of data charges which are included in the installation, the Town of Erving will be responsible for all future data charges related to the operation of the cameras and directly billed for same by the VENDOR.

F. MassDOT and the Massachusetts State Police shall have access to all data collected and stored by the TOWN upon request.

G. There is no expectation that MassDOT will actively monitor the information being collected by the cameras or respond independently to any such information.

II. OWNERSHIP AND FUTURE MAINTENANCE

Upon completion of and acceptance of the installation by the TOWN, the ownership, repair and maintenance responsibilities of the traffic surveillance camera system shall vest with the TOWN and the TOWN shall have the obligation and authority to operate and maintain said cameras as installed by MassDOT.

Maintenance activities and repairs at the camera locations, when required to be performed by the TOWN, or their agent, shall be performed under an applicable State Highway Access Permit, issued by MassDOT.

Any alteration in the placement or use of the equipment other than the specified use at this location requires the review and approval of MassDOT.

All data storage cost, and data streaming costs and any maintenance and repair costs for said cameras shall be billed to and borne by the TOWN, through a separate billing account established with the VENDOR.

IN WITNESS WHEREOF, the Parties hereto have executed this AGREEMENT on the day and year first written.

TOWN OF ERVING	**MASSACHUSETTS DEPARTMENT OF TRANSPORTATION**
_____	_____
ADMINSTRATIVE COORDINATOR	

LEGAL CERTIFICATION

This will certify that the TOWN has complied with all applicable State Laws and its By-Laws and Ordinances as they apply to this AGREEMENT and that this AGREEMENT is a valid, binding Agreement with the TOWN.

_____	_____
DATE	**TOWN SOLICITOR**

CERTIFICATE OF SIGNATORY

This will certify that the below named individuals are duly authorized and empowered to execute and deliver this AGREEMENT on behalf of the Town of ERVING .

NAME: _____ **TITLE**: **SELECTBOARD CHAIR**

_____ **MEMBER**

_____ **MEMBER**

DATE: _____ **ATTEST** _____

NAME: _____ **TOWN CLERK**

Ray Purington/Gill Selectboard

From: McBride, Kevin <KMcBride@pequotmuseum.org>
Sent: Thursday, July 06, 2017 2:27 PM
To: 'administrator@gillmass.org'
Subject: Permissions to conduct Battlefield survey
Attachments: Permission Letter.docx; Battle of Turners Fall Flyer Update 5-18-2017.docx; MHC Permit.pdf; Technical Report - Final Draft May 5, 2016 with ARPA delected Sections.pdf; Revised Research Design and Work Plan Battle of Great Falls.docx

Dear Mr. Purington;

The Mashantucket Pequot Museum and Research Center has been selected by the Town of Montague to conduct a battlefield archaeology survey of the Battle of Turner's Falls (May 19, 1676). We are interested in metal detecting properties owned by the Town of Gill along Main Road including Map no. 224 lots 34, 34-1, 2, 3, 4, 5, and 7. The survey would consist of a metal detector survey to recover metallic objects such as musket balls that would indicate evidence of the battle. No archaeological testing or excavation will take place. The town's properties in this area may be the site of the "English Assembly Area" where 150 English tied their horses before they attacked a Native village ¼ mile south along the Connecticut River. Subsequently, the Natives counterattacked the English as they returned to their assembly area. Metal detectors are only effective to a depth of 6-9 inches depending on conditions. Even the area has been plowed, and we understand collected for artifacts over the years, we still anticipate objects related to the battle will still be present. I have attached a permission form which explains the project and what our request for permission entails. I have also attached a copy of the report from our first phase of research (i.e. pre-fieldwork) as well as a research design/workplan that explains more about the methods we will use.

Thank You for your consideration,

Kevin McBride
Director of Research, MPMRC

This email has been checked for viruses by AVG antivirus software.
www.avg.com

TOWN OF GILL

MASSACHUSETTS

www.gillmass.org

OFFICE OF THE BOARD OF SEWER COMMISSIONERS
Sewer Use Charges and Inspection Fees

To: Town Accountant

You are hereby notified that COMMITMENT(S) as shown below has (have) this day been made by the Board of Sewer Commissioners to Veronica LaChance, Tax Collector (Town Collector) and Collector of Sewer Charges. Bill date is July 17, 2017.

To: Veronica LaChance, Tax Collector (Town Collector) and Collector of Sewer Charges for the Town of Gill in the County of Franklin:

You are hereby required to collect from the several persons named in the list dated June 30, 2017, herewith committed to you the amount of the sewer usage charges assessed therein to each such person, with penalties, the sum total of such list being Twenty Five Thousand Four Hundred Twenty Three and 35/100 Dollars ($25,423.35).

Given under our hands the 10th day of July, 2017.

_____
Randy P. Crochier

_____
Gregory M. Snedeker

_____
John R. Ward

Board of Sewer Commissioners of the Town of Gill

Telephone 413-863-9347 325 Main Road, Gill MA 01354 Fax 413-863-7775
This institution is an equal opportunity provider and employer.

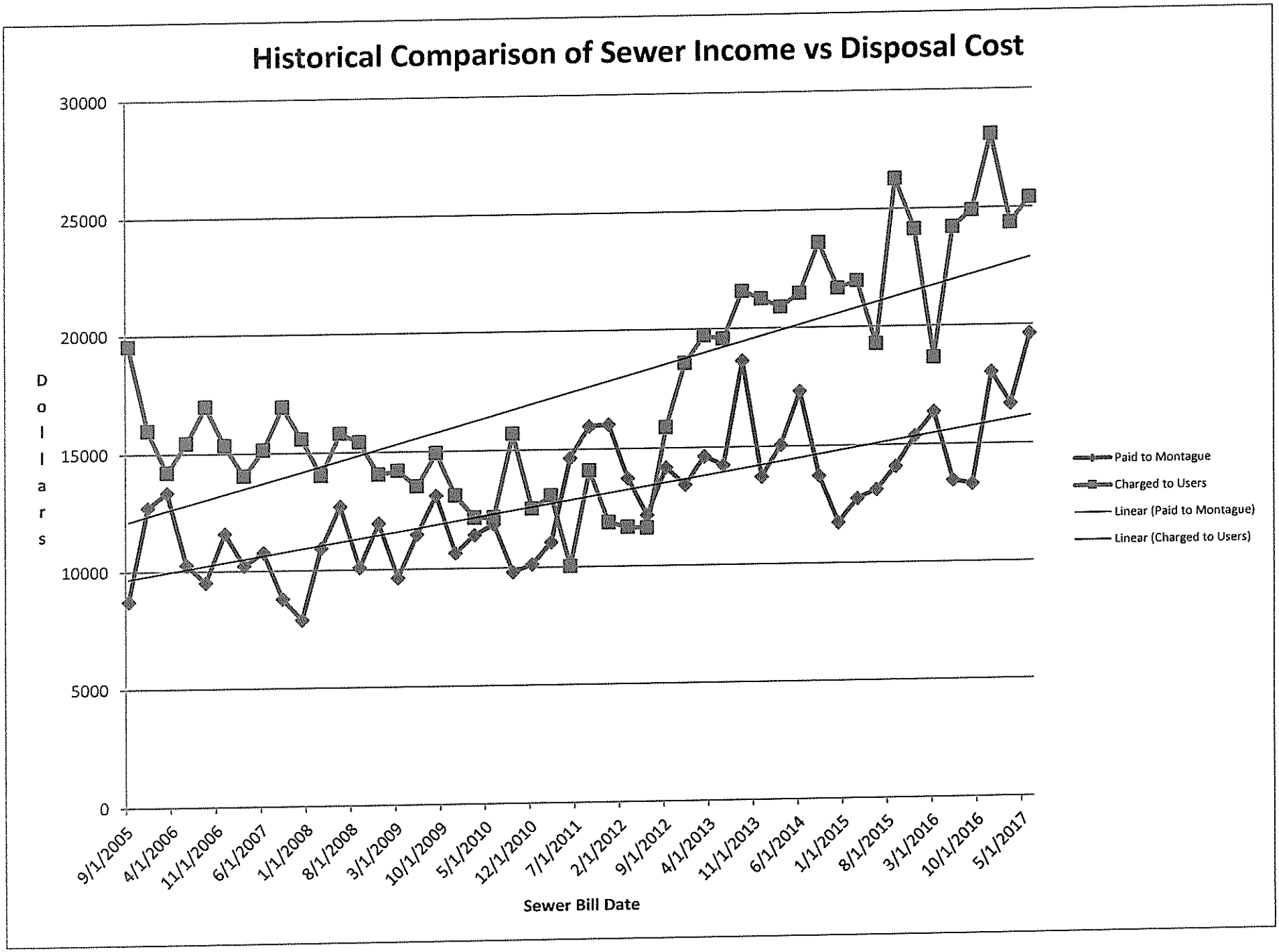
Bk	Acct#	Owner Name	Property address	WSB	Prev Date	Prev Rdg	Rdg date	Curr Rdg	Usage	Sewer Chg	Discount	Total Amt	Rate
01	100	SICARD, PAUL E	20 MAIN ROAD	S	03/29/2017	28130	06/29/2017	28670	540	104.22	-10.42	93.80	1
01	113	HUBERT, SHAWN	22 WALNUT STREET	B	03/29/2017	7230	06/29/2017	7580	350	67.55	-6.75	60.80	1
01	200	GREENE, RICHARD	19 MAIN ROAD	S	03/29/2017	16745	06/29/2017	18535	1790	345.47	-34.55	310.92	1
01	300	KELLY, KAREN	16 MAIN ROAD	S	03/29/2017	14770	06/29/2017	15590	820	158.26	-15.83	142.43	1
01	400	LUZI, STEVEN B	1 MAIN ROAD	B	03/29/2017	14960	06/29/2017	15965	1005	193.97	-19.40	174.57	1
01	500	SCHECHTERLE PROPERTIES LLC	4 MAIN ROAD	B	03/29/2017	37815	06/29/2017	40950	3135	605.06	-60.51	544.55	1
01	600	KRUZLIC, KEVIN A & MARY JO ANN	13 MAIN ROAD	B	03/29/2017	110787	06/29/2017	112342	1555	300.12	-30.01	270.11	1
01	700	SHAW, JONATHAN R	8 MAIN ROAD	B	03/29/2017	81459	06/29/2017	83006	1547	298.57	-29.86	268.71	1
01	800	PLAUSKY, THOMAS E	10 MAIN ROAD	B	03/29/2017	2160	06/29/2017	2160		4.44	-0.44	4.00	1
01	1000	SPAULDING, GERRY B	19 FRENCH KING HWY	B	03/29/2017	121705	06/29/2017	125200	3495	674.54	-67.45	607.09	1
01	1100	SUMMIT DISTRIBUTING LLC	27 FRENCH KING HWY	B	03/29/2017	11145	06/29/2017	11145		4.44	-0.44	4.00	1
01	1200	MARONI, MARK & DEBORAH	4 GAIDA DRIVE	B	03/29/2017	23140	06/29/2017	24090	950	183.35	-18.33	165.02	1
01	1300	YUKL, JOSEPH C	33 FRENCH KING HWY	B	03/29/2017	35835	06/29/2017	37440	1605	309.77	-30.98	278.79	1
01	1400	TIMBERLAKE, MARK A.	28 FRENCH KING HWY	B	03/29/2017	95962	06/29/2017	97870	1908	368.24	-36.82	331.42	1
01	1500	WALDRON, PAUL & JACQUELINE M.	26 FRENCH KING HWY	B	03/29/2017	67250	06/29/2017	70155	2905	560.67	-56.07	504.60	1
01	1600	RAYMOND, JASON	32 FRENCH KING HWY	B	03/29/2017	33195	06/29/2017	34270	1075	207.48	-20.75	186.73	1
01	1700	CLOUTIER, KEITH	34 FRENCH KING HWY	B	03/29/2017	33300	06/29/2017	33300		4.44	-0.44	4.00	1
01	1800	FOWLER, PRISCILLA	38 FRENCH KING HWY	B	03/29/2017	14715	06/29/2017	15215	500	96.50	-9.65	86.85	1
01	1900	YUKL, BRUCE	49 FRENCH KING HWY	B	03/29/2017	40080	06/29/2017	41195	1115	215.20	-21.52	193.68	1
01	2000	CONWAY, PETER W.	47 RIVERVIEW DRIVE	B	03/29/2017	30303	06/29/2017	30321	18	4.44	-0.44	4.00	1
01	2200	HPD TRUST	44 FRENCH KING HWY	B	03/29/2017	45990	06/29/2017	48360	2370	457.41	-45.74	411.67	1
01	2300	SHAW, KRISTIN	46 FRENCH KING HWY	B	03/29/2017	50115	06/29/2017	51269	1154	222.72	-22.27	200.45	1
01	2400	TEROUNZO, SYLVIA	55 FRENCH KING HWY	B	05/03/2017	17920	06/29/2017	18810	890	171.77	-17.18	154.59	1
01	2600	MASUCCI, JANET	64 FRENCH KING HWY	B	03/29/2017	10280	06/29/2017	10565	285	55.01	-5.50	49.51	1
01	2700	JOHNSON, STANLEY	66 FRENCH KING HWY	B	03/29/2017	42781	06/29/2017	43141	360	69.48	-6.95	62.53	1
01	2800	AHEARN, FRANCIS C	57 FRENCH KING HWY	B	03/29/2017	31560	06/29/2017	33345	1785	344.51	-34.45	310.06	1
01	2900	PETERMAN, SPENCER	61 FRENCH KING HWY	B	03/29/2017	43090	06/29/2017	44675	1585	305.91	-30.59	275.32	1
01	3000	CROSS, GAIL E	63 FRENCH KING HWY	B	03/29/2017	14735	06/29/2017	15480	745	143.79	-14.38	129.41	1
01	3100	STONE, JEFFREY	65 FRENCH KING HWY	B	03/29/2017	51510	06/29/2017	53750	2240	432.32	-43.23	389.09	1
01	3200	WOODS, CHARLENE M.	3 WALNUT STREET	B	03/29/2017	63540	06/29/2017	65315	1775	342.58	-34.26	308.32	1
01	3300	MW & MW REALTY LLC	6 WALNUT STREET	B	03/29/2017	188546	06/29/2017	190892	2346	452.78	-45.28	407.50	1
01	3400	GODZINSKI, DONALD C SR	5 WALNUT STREET	B	03/29/2017	21840	06/29/2017	22930	1090	210.37	-21.04	189.33	1
01	3500	LAWTON, HEATHER	5A MYRTLE STREET	B	03/29/2017	33985	06/29/2017	35140	1155	222.92	-22.29	200.63	1
01	3600	ADIE, ANGELINA	9 WALNUT STREET	B	03/29/2017	12160	06/29/2017	12170	10	4.44	-0.44	4.00	1
01	3700	ADIE, ANGELINA	11 WALNUT STREET	B	03/29/2017	23190	06/29/2017	24235	1045	201.69	-20.17	181.52	1
01	3800	AMBO, CATHLEEN	10 WALNUT STREET	B	03/29/2017	37315	06/29/2017	39060	1745	336.79	-33.68	303.11	1
01	3900	LEVIN, STEVEN & WENDY	13 WALNUT STREET	B	03/29/2017	19675	06/29/2017	21235	1560	301.08	-30.11	270.97	1
01	4000	ABBEY, JOHN	12 WALNUT STREET	B	03/29/2017	20865	06/29/2017	21750	885	170.81	-17.08	153.73	1

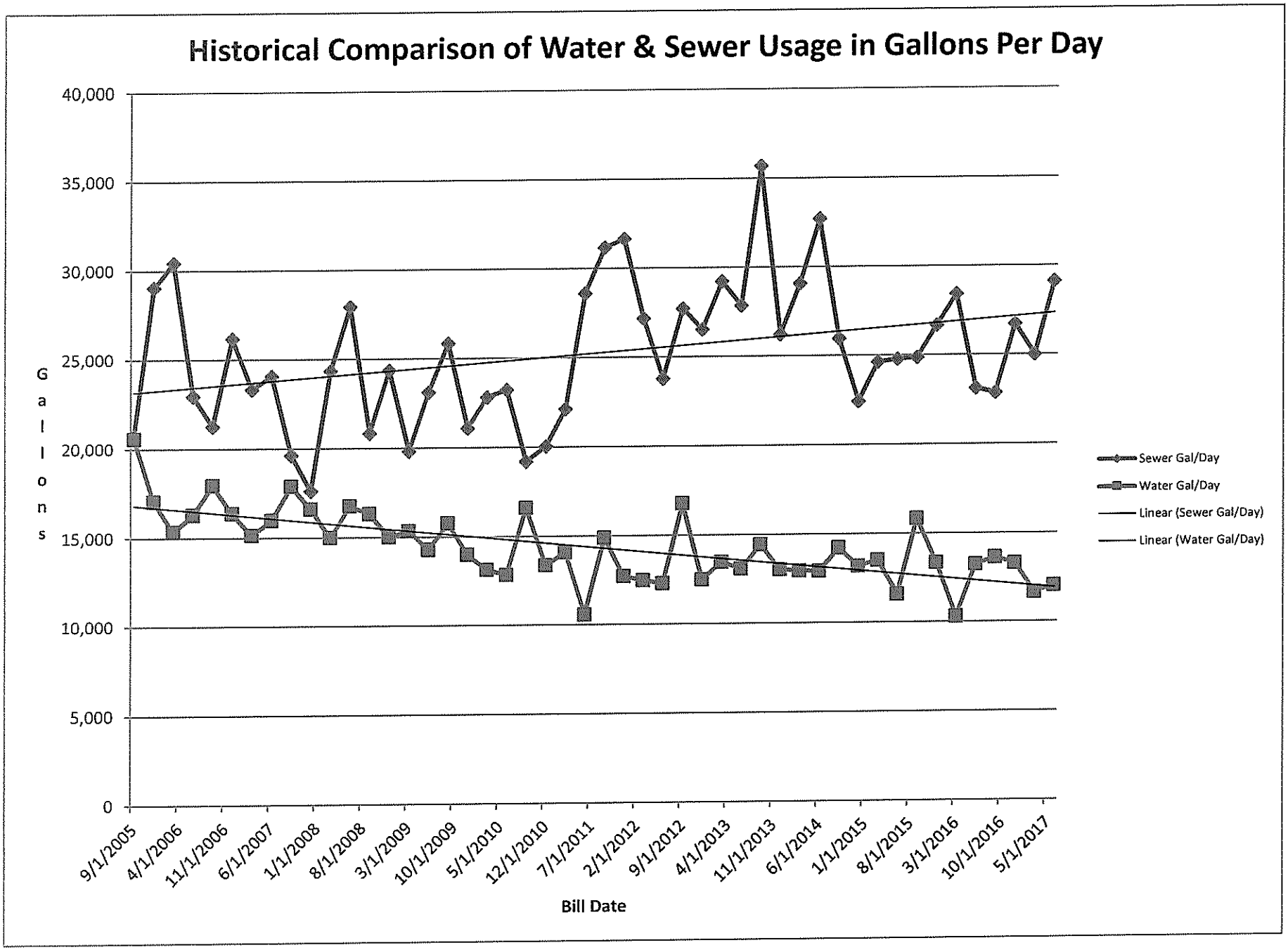
Bk	Acct#	Owner Name	Property address	WSB	Prev Date	Prev Rdg	Rdg date	Curr Rdg	Usage	Sewer Chg	Discount	Total Amt	Rate
01	4100	GRISWOLD, MICHAEL J	17 WALNUT STREET	B	03/29/2017	25515	06/29/2017	26690	1175	226.78	-22.68	204.10	1
01	4200	LEMAY, CAROL	19 WALNUT STREET	B	03/29/2017	9070	06/29/2017	9755	685	132.21	-13.22	118.99	1
01	4300	NADEAU, JANET	21 WALNUT STREET	B	03/29/2017	21730	06/29/2017	22315	585	112.91	-11.29	101.62	1
01	4400	BIGELOW, DONALD	16 WALNUT STREET	B	03/29/2017	15350	06/29/2017	16400	1050	202.65	-20.26	182.39	1
01	4500	TROMBLEY, MARILYN A.	18 WALNUT STREET	B	03/29/2017	21625	06/29/2017	22495	870	167.91	-16.79	151.12	1
01	4600	HARRIS IRREVOCABLE R/E TRUST	20 WALNUT STREET	B	03/29/2017	17220	06/29/2017	17755	535	103.26	-10.33	92.93	1
01	4700	HAYWARD, ROBERT	23 WALNUT STREET	B	03/29/2017	21600	06/29/2017	22920	1320	254.76	-25.48	229.28	1
01	4800	BAKER, DONALD E	24 WALNUT STREET	B	03/29/2017	20500	06/29/2017	21365	865	166.95	-16.69	150.26	1
01	4900	MATTHEWS SR, THOMAS	26 WALNUT STREET	B	03/29/2017	10185	06/29/2017	10465	280	54.04	-5.40	48.64	1
01	5000	LUIPPOLD, KENNETH R.	27 WALNUT STREET	B	03/29/2017	6775	06/29/2017	6980	205	39.57	-3.96	35.61	1
01	5100	PELLETIER, CHRISTOPHER	28 WALNUT STREET	B	03/29/2017	48940	06/29/2017	50945	2005	386.97	-38.70	348.27	1
01	5300	CHUDZIK, MICHAEL R	32 WALNUT STREET	B	03/29/2017	60865	06/29/2017	62570	1705	329.07	-32.91	296.16	1
01	5400	DEMARS, EMIL J	34 WALNUT STREET	B	03/29/2017	21425	06/29/2017	22355	930	179.49	-17.95	161.54	1
01	5500	MESSER, DONALD R	35 WALNUT STREET	B	03/29/2017	14470	06/29/2017	14910	440	84.92	-8.49	76.43	1
01	5600	CALLERY, ROBERT	2 OAK STREET	B	03/29/2017	10610	06/29/2017	10865	255	49.22	-4.92	44.30	1
01	5700	SEARS, KENNETH P	4 OAK STREET	B	03/29/2017	43820	06/29/2017	45210	1390	268.27	-26.83	241.44	1
01	5800	HWU, SHEUE YING	7 OAK STREET	B	03/29/2017	34710	06/29/2017	35370	660	127.38	-12.74	114.64	1
01	5900	HWU, SHEUE YING	9 OAK STREET	B	03/29/2017	10175	06/29/2017	10705	530	102.29	-10.23	92.06	1
01	6000	HESCOCK, DANNY L	11 OAK STREET	B	03/29/2017	14705	06/29/2017	15330	625	120.63	-12.06	108.57	1
01	6100	WALDRON, SCOTT A	15 OAK STREET	B	03/29/2017	32085	06/29/2017	33535	1450	279.85	-27.98	251.87	1
01	6200	LITTLE, TIMOTHY	17 OAK STREET	B	03/29/2017	26260	06/29/2017	27215	955	184.32	-18.43	165.89	1
01	6300	WOLFRAM, MELISSA	23 OAK STREET	B	03/29/2017	51435	06/29/2017	53915	2480	478.64	-47.86	430.78	1
01	6400	PEFFER, JOHN W	20 OAK STREET	B	03/29/2017	40900	06/29/2017	42460	1560	301.08	-30.11	270.97	1
	6450	SUPERNANT, JEFFREY & MARIE	25 OAK STREET	B	03/29/2017	6203	06/29/2017	7150	947	182.77	-18.28	164.49	1
01	6500	DUMAS, MAURICE P.	27 OAK STREET	B	03/29/2017	95715	06/29/2017	97134	1419	273.87	-27.39	246.48	1
01	6600	POTOSEK, KATHY	26 OAK STREET	B	03/29/2017	15020	06/29/2017	15090	70	13.51	-1.35	12.16	1
01	6700	JOHNSON, STANLEY	28 OAK STREET	B	03/29/2017	26640	06/29/2017	28050	1410	272.13	-27.21	244.92	1
01	6800	BOUTIN, ELLERY E	32 OAK STREET	B	03/29/2017	36679	06/29/2017	37294	615	118.70	-11.87	106.83	1
01	6900	BROWN, BRYNT	33 OAK STREET	B	03/29/2017	20330	06/29/2017	20785	455	87.82	-8.78	79.04	1
01	7000	FRANKLIN COUNTY BOAT CLUB	39 OAK STREET	B	03/29/2017	71098	06/29/2017	72770	1672	322.70	-32.27	290.43	1
01	7100	WELCOME, LINDA	2 GROVE STREET	B	03/29/2017	11755	06/29/2017	12085	330	63.69	-6.37	57.32	1
01	7200	HOLMES, ALLEN	3 GROVE STREET	B	03/29/2017	32325	06/29/2017	33360	1035	199.76	-19.98	179.78	1
01	7300	WARD, JOHN R	4 GROVE STREET	B	03/29/2017	18255	06/29/2017	18520	265	51.15	-5.11	46.04	1
01	7400	GRIFFIN, PETER J	9 GROVE STREET	B	03/29/2017	59179	06/29/2017	60713	1534	296.06	-29.61	266.45	1
01	7500	BARTOS, CHRISTI L.	8 GROVE STREET	B	03/29/2017	80060	06/29/2017	81679	1619	312.47	-31.25	281.22	1
01	7600	BEZIO, MELISSA M	4 PINE STREET	B	03/29/2017	54032	06/29/2017	55273	1241	239.51	-23.95	215.56	1
01	7700	GRYBKO, MARK	2 PINE STREET	B	03/29/2017	32904	06/29/2017	32904		4.44	-0.44	4.00	1
01	7800	CROTEAU, BARBARA	1 PINE STREET	B	03/29/2017	12903	06/29/2017	12970	67	12.93	-1.29	11.64	1

Bk	Acct#	Owner Name	Property address	WSB	Prev Date	Prev Rdg	Rdg date	Curr Rdg	Usage	Sewer Chg	Discount	Total Amt	Rate
01	7900	WILLIAMS, SARAH	5 RIVERVIEW DRIVE	B	03/29/2017	35700	06/29/2017	37780	2080	401.44	-40.14	361.30	1
01	8001	MW & MW REALTY LLC	7 RIVERVIEW DRIVE	B	03/29/2017	28655	06/29/2017	31690	3035	585.76	-58.58	527.18	1
01	8100	WIKLER, JENNA	17 RIVERVIEW DRIVE	B	03/29/2017	23460	06/29/2017	24640	1180	227.74	-22.77	204.97	1
01	8200	CARME, JENNA	19 RIVERVIEW DRIVE	B	03/29/2017	58150	06/29/2017	60540	2390	461.27	-46.13	415.14	1
01	8300	LAVALLEY, PAUL R.	21 RIVERVIEW DRIVE	B	03/29/2017	55678	06/29/2017	56948	1270	245.11	-24.51	220.60	1
01	8500	DUPREY, CHRISTOPHER M	25 RIVERVIEW DRIVE	B	03/29/2017	1325	06/29/2017	2895	1570	303.01	-30.30	272.71	1
01	8600	THOMPSON, PATRICIA	29 RIVERVIEW DRIVE	B	03/29/2017	66297	06/29/2017	67642	1345	259.59	-25.96	233.63	1
01	8700	CARTER, RUSSELL E	31 RIVERVIEW DRIVE	B	03/29/2017	68443	06/29/2017	68985	542	104.61	-10.46	94.15	1
01	8800	NEWTON, E TAYLOR III	33 RIVERVIEW DRIVE	B	03/29/2017	39987	06/29/2017	40832	845	163.09	-16.31	146.78	1
01	8900	NEWTON, E TAYLOR III	35 RIVERVIEW DRIVE	B	03/29/2017	84171	06/29/2017	84171		4.44	-0.44	4.00	1
01	9000	RICE, THERESA A	37 RIVERVIEW DRIVE	B	03/29/2017	21144	06/29/2017	21626	482	93.03	-9.30	83.73	1
01	9100	KWADER, KURT	61 RIVERVIEW DRIVE	B	03/29/2017	49480	06/29/2017	50370	890	171.77	-17.18	154.59	1
01	9200	MURPHY, PETER J	52 RIVERVIEW DRIVE	B	03/29/2017	80040	06/29/2017	82065	2025	390.83	-39.08	351.75	1
01	9300	FRANSEEN, ELIZABETH	41 RIVERVIEW DRIVE	B	03/29/2017	29100	06/29/2017	32135	3035	585.76	-58.58	527.18	1
01	9400	WILDA, LESLIE	39 RIVERVIEW DRIVE	B	03/29/2017	13030	06/29/2017	13575	545	105.19	-10.52	94.67	1
01	9500	DESREUISSEAU, MARK W	2 MYRTLE STREET	B	03/29/2017	5820	06/29/2017	6575	755	145.72	-14.57	131.15	1
01	9600	BOROSKI, KYLE	3 MYRTLE STREET	B	03/29/2017	17775	06/29/2017	18760	985	190.11	-19.01	171.10	1
01	9700	KUCENSKI, BRIAN J.	7 MYRTLE STREET	B	03/29/2017	33320	06/29/2017	34910	1590	306.87	-30.69	276.18	1
01	9800	SIRUM, MAURIA	8 MYRTLE STREET	B	03/29/2017	4820	06/29/2017	4840	20	4.44	-0.44	4.00	1
01	9900	GAINES, GARY	9 MYRTLE STREET	B	03/29/2017	26690	06/29/2017	29315	2625	506.63	-50.66	455.97	1
01	10000	SHEBELL IRREVOCABLE TRUST	7 MEADOW STREET	B	03/29/2017	27525	06/29/2017	28180	655	126.42	-12.64	113.78	1
01	10100	GILFEATHER-GIRTON, PHILIP	8 MEADOW STREET	B	03/29/2017	33480	06/29/2017	35395	1915	369.60	-36.96	332.64	1
01	10200	MCKENNA, MARK J	5 MEADOW STREET	B	03/29/2017	22670	06/29/2017	23345	675	130.28	-13.03	117.25	1
01	10300	BATES, JAMES	13 FRENCH KING HWY	S	03/29/2017	26625	06/29/2017	27020	395	76.24	-7.62	68.62	1
01	10400	BONNETTE, WILLIAM	43 RIVERVIEW DRIVE	B	03/29/2017	22480	06/29/2017	23086	606	116.96	-11.70	105.26	1
01	10500	RIVERSIDE RADIATOR	48 FRENCH KING HWY	B	03/29/2017	6430	06/29/2017	6760	330	63.69	-6.37	57.32	1
01	10600	SMITH, BARBARA A.	23 RIVERVIEW DRIVE	B	03/29/2017	14480	06/29/2017	15090	610	117.73	-11.77	105.96	1
01	10800	MARINI, RICHARD D.	19 OAK STREET	B	03/29/2017	35475	06/29/2017	37305	1830	353.19	-35.32	317.87	1
01	10900	INC, GGIC	23A FRENCH KING HWY	B	03/29/2017	63170	06/29/2017	64275	1105	213.27	-21.33	191.94	1
01	11000	HOULE, LAWRENCE JR	62C FRENCH KING HWY	B	03/29/2017	32460	06/29/2017	33315	855	165.02	-16.50	148.52	1
01	11100	HOULE, LAWRENCE JR	62B FRENCH KING HWY	B	03/29/2017	18095	06/29/2017	19090	995	192.04	-19.20	172.84	1
01	11200	HOULE, LAWRENCE JR	62A FRENCH KING HWY	B	03/29/2017	59895	06/29/2017	62010	2115	408.20	-40.82	367.38	1
01	11300	GIBSON, KEVIN	7 GROVE STREET	B	03/29/2017	125040	06/29/2017	126097	1057	204.00	-20.40	183.60	1
01	11400	WAGON WHEEL DRIVE-IN LLC	39 FRENCH KING HIGHWAY	B	03/29/2017	130473	06/29/2017	138276	7803	1,505.98	-150.60	1,355.38	1
01	11900	TOWN LINE AUTO	35 FRENCH KING HWY	S	03/29/2017	16960	06/29/2017	17430	470	90.71	-9.07	81.64	1
01	11902	FC REGIONAL HOUSING & REDEVELOPME	12 MAIN ROAD	B	03/29/2017	763732	06/29/2017	775486	11754	2,268.52	-226.85	2,041.67	F
01	11903	KURTYKA, KENNETH JR	24 FRENCH KING HIGHWAY	B	03/29/2017	6620	06/29/2017	7550	930	179.49	-17.95	161.54	1
01	11904	CROTEAU, JAMES E. & LINDA	30 WALNUT STREET	B	03/29/2017	35755	06/29/2017	37590	1835	354.16	-35.42	318.74	1

Bk	Acct#	Owner Name	Property address	WSB	Prev Date	Prev Rdg	Rdg date	Curr Rdg	Usage	Sewer Chg	Discount	Total Amt	Rate
11	11906	PALMERI, DENISE	1 GROVE STREET	B	03/29/2017	14870	06/29/2017	15380	510	98.43	-9.84	88.59	1
									146,226	28,248.13	-2,824.78	25,423.35	

115 accounts printed


Historical Comparison of Sewer Income vs Disposal Cost
30000
25000
20000
15000
10000
5000
0
Dollars
9/1/2005
4/1/2006
11/1/2006
6/1/2007
1/1/2008
8/1/2008
3/1/2009
10/1/2009
5/1/2010
12/1/2010
7/1/2011
2/1/2012
9/1/2012
4/1/2013
11/1/2013
6/1/2014
1/1/2015
8/1/2015
3/1/2016
10/1/2016
5/1/2017
Sewer Bill Date
Paid to Montague
Charged to Users
Linear (Paid to Montague)
Linear (Charged to Users)


Historical Comparison of Water & Sewer Usage in Gallons Per Day
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
Gallons
9/1/2005
4/1/2006
11/1/2006
6/1/2007
1/1/2008
8/1/2008
3/1/2009
10/1/2009
5/1/2010
12/1/2010
7/1/2011
2/1/2012
9/1/2012
4/1/2013
11/1/2013
6/1/2014
1/1/2015
8/1/2015
3/1/2016
10/1/2016
5/1/2017
Bill Date
Sewer Gal/Day
Water Gal/Day
Linear (Sewer Gal/Day)
Linear (Water Gal/Day)

SPECIAL & ONE DAY LIQUOR LICENSE REGULATIONS
GILL SELECTBOARD

INTRODUCTION

In issuing regulations, the Selectboard, as the liquor Licensing Authority of the Town of Gill, is setting forth the expectations of the citizens of Gill as to the conduct of the Town's special and one day liquor license holders. MGL c.138, §14 grants the Licensing Authority the authority to issue or refuse special liquor licenses for the sale of beer and/or wine to managers of events. The statute also grants the Licensing Authority the authority to issue or refuse special liquor licenses for the sale of beer and/or wine or all alcoholic beverages to managers of nonprofit organizations who conduct events.

SECTION 1: GENERAL

1.01. A special or one day license for the sale of alcoholic beverages or beer and wine may be granted by the Licensing Authority to "the responsible manager of any organization, conducting any indoor or outdoor activity or entertainment."

1.02. Applicants for special or one day licenses must first make arrangements for permission to use proposed license location, prior to filing the license application at the office of the Licensing Authority (Selectboard's office).

1.03. The applicant must pay the appropriate fee as currently approved by the Licensing Authority at the time of filing the application and must be present at the Selectboard's meeting to respond to any questions.

SECTION 2: REQUIREMENTS

2.01. Prior to the submission of the license application to the Licensing Authority, the licensee shall contact the Gill Police Department in writing to determine the requirements for police coverage.

2.02. A police officer or officers shall be hired by the licensee if in the opinion of the Selectboard or the Chief of Police such officer is necessary to maintain order within, and to direct or control vehicular and foot traffic in the areas of the activity or entertainment and to enforce all applicable statutes, local by-laws and regulations.

2.03. Objectionable noise from amplifying systems of any kind and/or disorderly conduct is not permitted. Lack of cooperation will be grounds for Police Department termination of activities at any time and will have a bearing on any future permits.

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2.04. The Police Department, Licensing Authority or its agents shall have the right to check the license at every one day function in order to make certain the provisions of the license are being adequately enforced.

2.05. A copy of the license shall be prominently posted and available for inspection during the hours and at the location for which it is issued. All licensees shall cooperate fully with the Police Department, Licensing Authority and its agents when they are on the premises investigating complaints or making routine inspections.

2.06. The last drink must be served before the closing hour as stated on the approved license. All glasses and bottles must be cleared from the licensed area by fifteen (15) minutes after the closing hour. All patrons must have left the premises by thirty (30) minutes after the closing hour. Any licensee and his/her employees and/or volunteers may NOT drink after the closing hour.

2.07. The licensee shall have successfully completed an alcoholic beverage server training program such as Training for Intervention Procedures by Servers (TIPS) for restaurants and lounges. Licensee must become re-certified every three years and provide the Town with an updated certificate. All other persons or employees of the licensed establishment who sell or serve alcoholic beverages shall receive, at minimum, in-house training similar to that received under TIPS prior to selling or serving alcoholic beverages. The training program shall include proper procedures for verifying that patrons are at least 21 years of age and not intoxicated.

2.08. No licensee nor person responsible for selling or serving alcoholic beverages at an event shall consume any alcoholic beverages on the day(s) for which a one day liquor license is granted.

2.09. No alcoholic beverages shall be sold or given to anyone under twenty-one (21) years of age, under the influence of drugs or to an intoxicated person.

2.10. Failure to comply with any of the above regulations may result in termination of license privileges and will have a bearing on future one day liquor license applications.

2.11. Alcohol for the event must be purchased from an authorized source (list available at www.mass.gov/abcc).

2.12. Applications must be submitted at least sixty (60) days prior to the event.

2.13. In order to comply with all storage requirements under M.G.L. c. 138, Licenses will be issued for three or four days to allow for proper delivery, storage and disposal of all alcoholic beverages purchased.

Adopted by the Selectboard on _____

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TOWN OF Gill
Special and One Day License – Application Form
(M.G.L. Ch. 138 S. 14)

CHECK ONE
____ Application by a manager for one day special license for the sale of BEER & WINE to be drunk on the premises.
____ Application by the manager of a nonprofit organization for one day special license for the sale of ALL ALCOHOLIC BEVERAGES OR BEER & WINE to be drunk on the premises.

DATE OF EVENT BEING APPLIED FOR: _____

1. Full name, address and phone number(s) of the organization making this application:

2. Full name, address and phone number(s) of manager who shall be responsible for the license:

3. Is the applicant requesting the license TIPS Certified? If Yes, please attach appropriate documentation. YES NO

4. Nature of Event and Number of Attendees:

5. Is the applicant a non-profit organization duly registered with the Secretary of State? If Yes, please attach appropriate documentation. YES NO

6. Address and Location where event shall be held:

7. Has the approval of the property owner been obtained? YES NO

8. Exact times of the license: **FROM** _____ o'clock AM/PM **TO** _____ o'clock AM/PM

9. Has the applicant been issued similar licenses in Gill in the past 12 calendar months? YES NO If Yes, when?

10. Does the applicant have an application for license to sell alcoholic beverages pending before the Licensing Authority of the Town of Gill? YES NO

11. ATTACH a plan of the parking lot, showing the number of parking spaces available and adequate space for emergency access.

12. Proof of Liquor Liability Insurance provided? YES NO Date:_____

The applicant hereby states that the applicant has received a copy of the Licensing Authority's regulations pertaining to Special and One Day Liquor Licenses and is aware of and shall comply with all applicable statues, by-laws and regulations.

_____ _____ _____
Signature of Authorized Representative of Applicant Title Date

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Office Use Only:
Date Approved: _____
Days Permit Issued For: _____ Dates License Issued for: _____

Police Chief Signature: _____

Selectboard Chair Signature: _____

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