



# Building Dashboard

Wastewater Treatment Plant			384 Deerfield Street			
Building Data						
Structural Details		HVAC		Condition	Appliances/Equipment	
<b>Year Built</b>	Pump Bldg - 1950s Main Operations Bldg - 1974 Blower Bldg -1974 (renovated 2000) Disinfection Bldg - 2000	<b>Heating System</b>	Oil- fired hot water  Water-sourced heat pumps	GOOD  GOOD (added 2006)	<b>Interior Lighting</b>	LED upgrades substantially complete
<b>Square footage</b>	18,432	<b>Air Conditioning</b>	Window AC (stays in all year)	GOOD	<b>Exterior Lighting</b>	LED
<b>Envelope</b>	Concrete block	<b>Hot Water Heater</b>	Indirect oil-fired	GOOD	<b>Mixers</b>	Chlorine Mixer - VFD upgrades 2014
<b>Roof</b>	Flat roof (2008)	<b>Ventilation</b>	None			
<b>Windows</b>	Single pane, leaky					
<b>Insulation</b>	Walls - none					
<b>Building Summary</b>	The main building for operations has two conditioned spaces. One is heated with oil and has offices and storage. The other is heated with wastewater to air heat pumps (with electric backup), and contains mostly machinery, no regular staff.					
Energy Profile - FY2019						
Energy Usage (MBTUs)						
Electric	Heat	Total				
3,534	507	4,041				
Annual Energy Cost						
Electric	Heat	Total				
\$170,803	\$7,958	\$178,761				
<b>Berkshire Gas Rate Class</b>		NA				
<b>Electric Service Rate Class</b>		G2				
<b>Average Monthly Demand</b>		180				
Completed Work						
Fiscal Year	Project	Cost to Town	Life Expectancy	Warranty		
2006	Water sourced heat pumps installed to heat one building	N/A	20 years	N/A		
2014	VFD Upgrades for Mixer	\$0	N/A	N/A		
Capital Improvement Plan Projects						
Fiscal Year	Project	Cost	Life Expectancy	Warranty		
starting 2020	Design and Install Anaerobic Digester	\$4,200,000	TBD			