



Building Dashboard

Wastewater Treatment Plant

384 Deerfield Street

Building Data

Structural Details		HVAC		Condition	Appliances/Equipment	
Year Built	Pump Bldg - 1950s Main Operations Bldg - 1974 Blower Bldg - 1974 (renovated 2000) Disinfection Bldg - 2000	Heating System	Oil- fired hot water Water-sourced heat pumps	GOOD GOOD (added 2006)	Interior Lighting	LED upgrades substantially complete
Square footage	18,432	Air Conditioning	Window AC (stays in all year)	GOOD	Exterior Lighting	LED
Envelope	Concrete block	Hot Water Heater	Indirect oil-fired	GOOD	Mixers	Chlorine Mixer - VFD upgrades 2014
Roof	Flat roof (2008)	Ventilation	None			
Windows	Single pane, leaky					
Insulation	Walls - none					
Building Summary	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.					

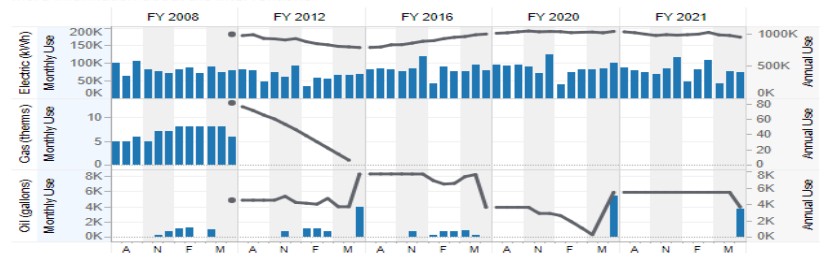
Energy Profile - FY2021

Energy Usage

Electric (kWh)	Heat (gallons)	EUI (kBtu/sqft)
945,024	3,638	N/A
Annual Energy Cost		
Electric	Heat	Total
\$147,811	\$6,355	\$154,166
Berkshire Gas Rate Class	N/A	
Electric Service Rate Class	G2	
Average Monthly Demand (kW)	165	

Usage Trends

■ Monthly Use ■ Annual Use (12 Month Rolling Sum)
An asterisk over a bar indicates building interventions completed in that month. Click on the bar to display more information about the interventions.



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
ongoing	Filter Press determined to be most cost effective solution to address disposal costs	TBD	TBD	N/A