

Mike and Amy Harnessed the Heat Beneath Their Feet

GEOHERMAL HEAT PUMP, CENTRAL AIR CONDITIONING, HEAT PUMP HOT WATER HEATER, AND MORE



“ We’ve worked from home for the last 15 months, and we upgraded to our system at a really lucky time, because I don’t know if I would’ve been able to survive without it. ”

-Mike Beilstein, Pelham

YEAR: 1916

BEDROOMS/BATHS: 5BR/3BA

STYLE: TUDOR

HEAT SOURCE: OIL

SQUARE FEET: 2,400

CONTRACTOR: DANDELION ENERGY

**REDUCED ENERGY USAGE & COST,
GREATER COMFORT**

Mike and Amy Harnessed the Heat Beneath Their Feet

Mike and Amy Beilstein-Kwan wanted to make their Pelham residence the perfect place to raise their two children - despite the lack of air conditioning, disruptive oil heating system, and improper insulation in the 105-year-old home. When they set out to make upgrades to the historic house, they contacted Dandelion Geothermal for a home energy assessment and quickly discovered how these upgrades could benefit both their home and their wallet.

The Beilstein-Kwans have since installed a geothermal heating and cooling system, a heat pump hot water heater, and new insulation and windows. Not only have their heating bills become far more affordable, but their home has also become much more comfortable, with more consistent heating year round. Especially for a growing family with parents working remotely, Mike and Amy's upgrades have truly transformed their house into a home.

HOMEOWNER CONCERNS

- No air conditioning
- Lead paint on the windows
- No insulation

IMPROVEMENTS COMPLETED

- Geothermal heat pump
- Central air conditioning
- Replaced the windows
- Insulated the exterior walls and the roof
- Insulated duct work for both the return lines and the supply lines
- Heat pump hot water heater

BENEFITS & IMPACT

- Lower heating bills
- Comfortable temperature in the house in the winter and summer
- Less dry in the winter
- Use less than a dollar a day to heat water
- No combustion in the basement anymore



**REDUCED ENERGY USAGE & COST,
GREATER COMFORT**