

nationalgrid

October 19, 2021

James Venincasa
Whitney Street Home Builders LLC
One Golden Court
Westborough, MA 01581

Dear Jim:

I carried out a magnetic field survey per your request. You are in the process of building homes and were interested in the levels of magnetic fields at this location. I would like to thank you for making it possible for me to assist you with this survey.

Magnetic field measurements were taken at 17 Rice Road in Millbury, MA. Attached is a copy of the results. The measurements were taken using a Dexsil, Fieldstar 1000, 3-axis meter. The Fieldstar is designed to measure 60 Hz fields. The results of these measurements are as follows:

Location:	17 Rice Road, Millbury, MA 01527
Date:	October 19, 2021
Time:	1:30 am
Performed by:	Michael Corridori



Approximate edge of ROW → 4.98 mG

20 feet from edge of ROW → 3.08 mG

17 Rice Rd,
Millbury, MA

Rice St

Please be advised that the measurements provided represent the magnetic field levels at the time and date of the field visit and will fluctuate with the current flow of additional appliances and/or nearby distribution/transmission lines.

We understand that people have concerns about electric and magnetic fields (EMF), and take the issue very seriously. As well as offering measurements such as the ones we have performed for you, National Grid actively supports high-quality research into this issue, and has a policy of open and honest communication on this issue. I hope that the informational pamphlet, "Electric and Magnetic Fields," attached with this mailing is useful. Also included with this mailing is a table called "Examples of Magnetic Fields at Distances from Appliance Surfaces."

If you require additional information or have any questions, please feel free to email or contact me.

Sincerely yours,

Michael Corridori
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Examples of Magnetic Fields at Distances From Appliance Surfaces

Magnetic Field in milliGauss*

Appliance	at 4 inches	at 1 foot	At 3 feet
Clothes Dryers	4.8 to 110	1.5 to 29	0.1 to 1
Clothes Washers	2.3 to 3	0.8 to 3.0	0.2 to 0.48
Coffee Makers	6 to 29	0.9 to 1.2	<0.1
Toasters	10 to 60	0.6 to 7.0	<0.1 to 0.11
Crock Pots	8 to 23	0.8 to 1.3	<0.1
Irons	12 to 45	1.2 to 3.1	0.1 to 0.2
Can Openers	1300 to 4000	31 to 280	0.5 to 7.0
Electric Mixers	58 to 1400	5 to 100	0.15 to 2.0
Blenders	50 to 220	5.2 to 17	0.3 to 1.1
Vacuum Cleaners	230 to 1300	20 to 180	1.2 to 18
Portable Heaters	11 to 280	1.5 to 40	0.1 to 2.5
Faust Blowers	3 to 120	0.25 to 37	<0.1 to 3.1
Hair Dryers	3 to 1400	<0.1 to 70	<0.1 to 2.8
Electric Shavers	14 to 1600	0.8 to 90	<0.1 to 3.3
Televisions	4.8 to 100	0.4 to 20	<0.1 to 1.5
Fluorescent Fixtures	40 to 123	2 to 32	<0.1 to 2.8
Fluorescent Desk Lamp	100 to 200	6 to 20	0.2 to 2.1
Saber & Circular Saws	200 to 2100	9 to 210	0.2 to 10
Electric Drills	350 to 500	22 to 31	0.8 to 2.0

*The strength or intensity of magnetic fields is commonly measured in units called "gauss." A milliGauss is one one-thousandth of a gauss.

Source: Gauger, Jr., Household Appliance Magnetic Field Survey - IEEE Transactions on Power Apparatus and Systems PA-104 (Sept. 1985).