

WORTHINGTON FIRE DISTRICT  
BOARD OF WATER COMMISSIONERS  
PO BOX 533  
WORTHINGTON, MA 01098

April 30, 2026

Bart Niswonger  
Planning Board Chairman  
PO Box 247  
Worthington, MA 01098

Dear Bart:

On behalf of the Worthington Fire District, I wish to correct the map you presented at the various meetings regarding some of the water recharge area for our wells. I spoke to Robert Walden yesterday, and he told me that he spoke to DEP and has received the same information. I spoke to Charles Rose yesterday and again about a month ago, so he could inform you of the correction that must be made.

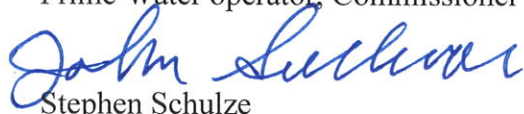
On Wednesday, April 29, Stephen and I marked off zone one and WIPA of combination Well 2 and spring number 1, which are the closest water well and spring to the proposed solar systems on Ridge Road. Zone one, which is the most protected, has a radius of 233 feet and the Interim Well Head Protection Area of a total of 533 feet.

There is a telephone pole marked at the 233 foot which is the zone of well 2 and spring one and a tree sprayed with blue paint that shows the IWPA at 533 feet, in front of 265 Ridge Road. This mark is centered on the left build of 265 Ridge Road. Therefore, our recharge zone does not consider the entire property at 265 Ridge Road, nor does it even touch the property of Paul Sena, where the Christmas trees are planted. Our IWPA is quite distance from Buffington Hill Road and definitely no way near the proposed solar field.

I have enclosed a copy of the Source and Source Protection page from the Department of Environment Protection so you may have a correct identification of our water sources. Wells #09G, 010G, 011g, as well as Springs 06G and 07G are on the upper side of Ridge Road.

Sincerely,

John F. Sullivan  
Prime Water operator, Commissioner



Stephen Schulze  
Treasurer, Commissioner



Cc: Town Selectmen  
file

**SECTION 7: SOURCE AND SOURCE PROTECTION**

The protection of a groundwater recharge area is critical to maintaining a safe and ample supply of water to the Worthington Fire District customers. Protection zones become more critical to water quality, and the activities within the zone more restrictive, as the wellhead is approached. Zone I is the most vulnerable and restrictive protection zone around a well. Depending upon pumping volume, a Zone I ranges from a radius of 100 to 400 feet around the wellhead. The Regulations at 310 CMR 22.21 (3) specify that only activities that are directly related to the water system and/or non-threatening to water quality occur within this zone. Zone I should be owned or controlled by the water supplier. The Zone II or Interim Wellhead Protection Area (IWPA) encompasses a larger area around a wellhead. Zone IIs are established using pumping test observations and groundwater modeling to estimate the contributing area to a groundwater source. The following Table lists the sources and the dimensions of their wellhead protection zones.

Suffix	Source Name	Wellhead Protection Rate	Units	Zone I (ft.)	Method	IWPA (ft.)
01G	WELL 1 (01G)	6,000	GPD	217	Pump Test	533
02G	WELL 2 (02G)	6,000	GPD	217	Pump Test	533
03G	WELL 3 (03G)	21,999	GPD	301	Pump Test	889
04G	WELL 4 (04G)	6,000	GPD	217	Pump Test	533
05G	SPRING #1 (05G)	1,440	GPD		Unknown	
06G	SPRING #2 (06G)	1,440	GPD		Unknown	
07G	SPRING #3 (07G)	1,440	GPD		Unknown	
09G	WELL 5 (09G)	2,700	GPD	165	Pump Test	460
10G	WELL 6 (10G)	7,560	GPD	232	Pump Test	568
11G	WELL 7 (11G)	10,800	GPD	255	Pump Test	640

**Wellhead Protection Zones**