

Wellhead Protection Meeting Minutes December 10, 2015

Present were: Chris Sigmund, Team-Ag, Inc.; Dan Zimmerman, Warwick Township; Wendy Johnson, Warwick Township Municipal Authority; Carl Haws, Warwick Township Municipal Authority; Billy Clauser, Warwick Township; Mike Wolgemuth, Severn Trent; Randy Weit, Lititz Borough Resident

Well #2 – Rothsville Well:

Zimmerman reported that the Rothsville Well #2 will start running in either March or April of 2016. Zimmerman would like to add this well to the wellhead protection program.

Water Quality Results:

Wolgemuth reported on the Lititz water system and Haws reported on the Rothsville water system. Both reported that the raw nitrate levels continue to improve in both systems. Haws reported that the raw water is continuing to improve and needs less treatment (i.e. salt). The municipal authority may be able to open up the bypass even more in the future. Wolgemuth reported that the John Bonfield levels are typically around 10 ppm and the highest at 1 of the 7 wells is around 12 ppm. Wolgemuth also reported that the Lititz Borough treatment facility will need updated in the next couple of years.

Results of the Ag-Management Program:

Chris Sigmund reviewed the results of the 2015 Ag-Management program. Overall, results continue to be good. The program is improving the raw nitrate levels and decreasing the treatment costs. This was the 14th year of the program. Team-Ag checks the soil when the corn is at 12 inches tall, because that is when the plant needs the nutrients the most. They conduct their stalk nitrogen test at the end of the year. They will make adjustments based on rainfall levels. The farmers are very agreeable to supplying Team-Ag with their records. The expansion of the program would include the wells.

Expansion of Wellhead Protection Program:

Zimmerman would like to expand the wellhead protection program to include the John Bonfield well in the Lititz system and Well #2 of the Rothsville system. These two areas would not need the public education for the expansion. Cathy Port, DEP, will send Zimmerman the criteria to move forward with the expansion. Sigmund will put together a proposal to add the Reiff farm to the program. Sigmund and Zimmerman will meet with Reiff after the proposal is completed. Zimmerman will investigate the treatment/spraying requirements for the Bonfield property.

Education:

The Warwick Township Municipal Authority website has upgraded to provide more information on the wellhead protection program.

Rock Lititz:

Zimmerman reported that the Rock Lititz 17-acre floodplain area has done a great job to prevent flooding in the Borough. This site needs to be further analyzed by LandStudies and DEP to see the exact

numerical benefits of the improvements. Zimmerman stated that the committee should evaluate the project as it relates to aquifer recharge and protection to underground supply.

Cargill:

Zimmerman reported that there are three 350-gallon wells located on Cargill's property in the Borough. They will need to be investigated further and see if they can be reused. This is a good time to look further into these wells due to the property being vacant and for sale after January 31, 2016. Wolgemuth added that he knows that Well #1 on the property is shallow.

Other Business:

Committee felt that due to the number of things occurring, this committee should meet on a quarterly basis in 2016.

As there was no further business to discuss, the meeting was adjourned.

Respectfull submitted,
Billy Clauser