

Lititz-Warwick Wellhead Protection Committee

July 16, 2020

Meeting Minutes

The following were in attendance:

Randy Weit – Lititz Borough Authority  
Sue Barry – Lititz Borough  
Dan Zimmerman – WTMA/Warwick Township  
Pat Barrett – Warwick Township  
Billy Clauser – Warwick Township  
Doug Westover – Inframark  
Chris Sigmund – Team Ag  
Todd Kauffman – Lititz Borough/WTMA

- 1) **Wellhead Protection Education Efforts** – The current Wellhead Protection brochure has been updated with a new map. The new brochure will be available online and at the respective municipal offices. WTMA may also include the brochure in a future mailing along with its water-sewer billing.
- 2) **Ag Outreach Program** - The Merv Witmer farm has been added to the Wellhead Protection Farm Management Program. The Merv Witmer farm is in proximity to the Borough Well #7.

Chris Sigmund noted that Jeff Balmer is proposing agricultural improvements his farm which will include renovating the existing concrete lot utilized by the heifers. The concrete lot will be reconfigured to realign the feeding system by removing the decades old feed bunk and utilizing the existing feed alley used by the northern group of heifers. The centralized feed system will allow better management of the heifers. The existing southern concrete lot and feed bunk will be replaced with a new concrete surface to improve manure collection and provide an adequate rest area for the animals. A roof over the concrete lot will increase the capacity of the existing manure storage system by eliminating the rainfall that is captured by the existing rectangular storage.

The existing manure reception pit at the end of the bank barn will be decommissioned and a new rectangular manure storage installed to collect the liquid calf manure from the bank barn, the manure scraped from the re-configured cattle lot, plus manure and runoff from the concrete lot adjacent to the bank barn. New curbs, concrete surfaces, and a push-off with tractor guard will be installed on this lot. The existing manure transfer pipe will be re-routed to the circular storage to allow installation of these proposed components. A remote roofed stacking structure will be installed to store the solid manure generated by the calves and the heifers.

In addition, the existing silage bag pads will be improved with a stabilized surface to provide year-round access to the silage. The silage leachate will be collected and transferred to the existing circular storage and a remote, circular concrete storage pad will be installed to provide a minimum of six months storage capacity.

Finally, stabilized crossings will be installed for equipment access across the existing grass waterway. Storm water controls will be installed to convey roof water and surface water away from the animal concentration areas and to spread out the concentrated flow in the crop fields.

The application to PennVest will occur in 2020 with construction anticipated in 2021.

Sigmund noted there was some crop damage at the Balmer farm from storm flows from a culvert upstream. Binkley and Hurst are looking into addressing this issue.

- 3) **WTMA Rothsville Well #1** – The withdrawal permit was renewed by SRBC in June 2019. The new permit expires in 2030. The well #2 permit expires in 2030 as well.
- 4) **Lititz Water Plant Rehab Project Update** – The project is currently on hold due to entering the season of high water demand. Two of three filters have been rehabbed and three of four nitrate removal units have been rehabbed.
- 5) **Borough ordinance regarding geothermal heating systems update** – No updates have been made to any Borough ordinances regarding geothermal heating systems.
- 6) **Sink holes** – the group discussed recent sinkholes at the Reiff farm, Warwick Woodlands and Lititz Reserve. Records should be maintained regarding the location of sinkholes and their remediation.

Sigmund noted that sometimes sinkholes can get started from groundhog holes. This may have been the case with some of the sinkholes at the Reiff farm.
- 7) **WTMA Rothsville Nitrate Removal System** – WTMA is considering updates to controls and flow meters on the nitrate removal system in 2021.

The next meeting will be held in May or June 2021 unless activities related to any of the above items requires a meeting to be held before the end of 2020.