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Meeting Minutes

August 27, 2009
Location: UMT
Time: 7 PM

Members:	Municipal Representatives:
Upper Milford Township William Ahlert Bruce Snyder (Absent) Christi Dunning (Absent) Randy Kraft	Dan Delong
Borough of Emmaus Liesel Adam Steve Baier (Absent) Linda Santo Vacant Seat	Jeff Clapper
Intern: Tyler Moore	

1. Approve June minutes

The minutes were approved without amendment.

2. Old business

Because of the time pressure due to the following presentation, conversation on old business was suspended.

3. SSM presentation on the Updated Wellhead Protection Plan for the Borough of Emmaus

The presentation by Eric Grinrod and Spott Stevens was an overview of the addendum to the previously approved Wellhead Protection Plan for the Borough of Emmaus. The presentation focused primarily on redrawing the zones of influence on 6 wells throughout the valley. A 3D hydrologic map of water flow under the valley floor was used to evaluate groundwater movement. The results of the modeling were used to create maps depicting the locations of the Borough's production wells, land

use around the wells and the definition of three different zones around the wells. The zones represent the area in which a contaminant could reach the well within a 10 year span. The first zone is the area immediately around the well, the second zone is the area that feeds the well due to the low pressure zone created by well pumping (e.g., cone of depression), and the third zone encompasses the entire watershed. The second zone was deemed the most important by the study, and in need of the most stringent protection. In addition to refining the zones of influence, data on potential sources of contamination (PSOCs) has been plotted onto the map. 81 PSOCs are located in Zone 2, and 636 are located in the more broad Zone 3. However, the map does not include non-point source pollution, such as runoff from farm fields or residential areas. The practical application of such a map is for educational purposes as well as direct outreach to owner/operators that control PSOCs within each of the designated zones. Also, the map is legally sound and can be used to find out where a pollutant came from if it shows up in a potable water supply. Additionally, the maps can be used in conjunction with writing land use and/or related ordinances.

The finalized report prepared by SSM includes educational pamphlets that can be distributed for educational purposes, copies were handed out at the meeting for the committee to review. SSM will provide each of the committee members access to the draft report through an electronic link that will be provided to each member in an email. Committee members were encouraged to review and provide any comments before the report goes final. Bill Ahlert agreed to gather comments from the committee and submit to SSM in the next few weeks.

4. **Rebecca Kennedy presentation on Water Monitoring Project**

The American Reinvestment and Recovery Act (ARRA) has provided funding for research projects along the Saucon, Coply, and Little Lehigh creeks. Over the next year, the project's goal is to collect water quality data from 20 sites along the streams, which have been already marked out. The research will also include macroinvertebrate counts along with chemical and physical testing. Rebecca is looking for volunteers that are available to collect samples during rain events. Since rain events can occur at any time, volunteers will need to have very flexible schedules and the ability to drive to each of the locations. Local municipal employees are ideal

participants as they know the area and can also be available to collect samples without much notice. The goal is to collect a minimum of 3 samples from each of the 20 sites. The samplings do not need to be concurrent at all 20 sites. She would like a map of the EAC's testing locations so that we can coordinate our samplings. Bill Ahlert will provide her with maps of the sites the committee is sampling and a summary of the data collected.

5. Meeting with new Salisbury EAC

Bill's meeting with the newly formed Salisbury EAC last month consisted mostly of providing guidance for the group on how they should form and conduct business. They were very eager for collaboration on events like Earth Day, as well as for water collection and testing

6. Centralized garbage

The total count of the responses to the newsletter article are 13 in favor and 12 against, with the majority of the against dealing with pricing issues or not wanting to hurt local businesses. One possible solution to this concern would be to split up the township into zones that each hauler could bid for to keep prices down but to still give business to each hauler. Liesel offered to write another article for the newsletter in September, emphasizing the need for management, not direct control, of the area haulers.

7. Leibert Creek monitoring

Bill will follow up with Steve about what meter can be bought with \$1,000. The suggestion was brought up that we could possibly buy some outdated but still functional testing products from engineering firms.

8. Council vacancy

Nora Goldberg came to observe the meeting as she is interested in applying for the vacancy on the council. Nora was to follow up with Jeff Clapper and the Borough of Emmaus.

Next Meeting

Location: Emmaus Borough Hall
Date: August 24, 2009
Time: 7 PM