

Dix River Watershed Council Meeting
Danville City Hall
9/12/06

Attendees: Malissa McAlister, Tony Miller, Kay Harker, Preston Miles, Linda Alexander, Jennifer Shelby, Lee Colten, Bill Payne, Ken Douglas, Josh Morgan, Heath Stone, Rosemary Roessler, Tony White, John Webb

Where are we going? – Lee

Lee reviewed a set of high-level tasks and objectives for the Council that will need to be addressed at future meetings.

- Identify projects for 319(h) funding (~\$60,000)
- Confer with the Health Departments on project areas with pathogen problems
- Ensure all Council members understand basic water quality issues
- Review water quality data
- Review watershed planning guidelines
- Begin compiling watershed plan information
 - Identify growth areas
 - Collect and review ordinances and comprehensive plans
 - Identify actions items: costs, responsible party, sources of funding
- Review TMDLs and data

Little discussion ensued.

Watershed Watch Data Summary – Malissa

Malissa provided a brief summary of Watershed Watch pathogen data.

Third Rock Summary of E. coli and Phosphorous data – Tony Miller

E. coli is indicating high levels all over the watershed. July showed the highest levels, overall, with the Clarks Run (at mouth) site having the highest concentration; however, when adjusted for flow, the Hanging Fork site (at mouth) had the highest loading.

Relative to total phosphorus, the highest concentrations were the below the Danville WWTP and Lancaster, with the latter being approximately 4-6 times higher than Danville's outfall. A 24 hr. diurnal cycle of DO was measured – only small dips at night were noted and these remained greater than the water quality standards (actually >5 mg/L of DO).

Lee, Malissa, and John reported on their meeting with the area Health Departments (HD). In general, they reported the same E. coli data to the HD's asking for feedback on known straight pipe or failing septic system areas where the implementation money could be targeted. They could not provide any specifics. More information is needed to determine actual sources of pathogens. John talked about UK Professor Gail Bryon's methods to distinguish between pathogens from human or non-human sources. Third Rock also mentioned the potential for them to get into microbial source tracking as a service. The general feeling seemed to be that people were interested in using the 319 funds for additional monitoring/microbial source tracking (MST). It was agreed that Lee, Malissa,

and John would get together and prepare a more definitive strategy on how to spend the money on MST.