

February 6, 2017  
7:00 PM

The workshop of the Monroe Township Municipal Authority was called to order by Chairman Miller to review the I&I issues in the White Rock area in the Southern District.

### ATTENDANCE

Kevin Miller, Chairman  
Sue Sunday, Vice Chairperson  
William Beck, Treasurer  
Ronald Eckerd, Secretary

Bill Rudy, Engineer  
Greg Rogalski, Engineer  
  
Karen Lowery, Recording Secretary

Mr. Miller stated that a lot of CCTV work and investigating has been done and we have a good handle on that. He would like to have a proposal at the Municipal Authority meeting of a way to break down the White Rock system into areas to begin replacing the 40+ year old system and make it a closed system. This process will need to be broken down into phases as it will be very costly.

Mr. Miller proposes starting at the Sandy pump station. New pumps were just installed due to their age and the rocks that get into the system. He would like to improve this area to take care of the pumps and 50% to 60% of the sewage in White Rock flows through this pump station. He added that an H2O grant was used a few years ago to make improvements, so there may be sections that have already been replaced and some manholes were repaired. And he added that Blossom Terrace is target to be repaired with a grant that was applied for.

Mr. Rudy said that he reviewed the information and the Asset Management database. He then provided a memo dated February 6, 2017 that provided 3 option that the Board could proceed with. Option A is to determine a project budget and then work on a scope of work. Option B is to continue with the Asset Management database to determine and list pipe material by pulling manholes. And Option C is to create a comprehensive study to evaluate the current conditions.

Mr. Miller said that in previous discussions it was stated putting larger projects out for bid was better, is that true? Mr. Rudy said that it's more dependent on the amount of work and you will get a better unit price for bigger projects.

Ms. Sunday asked if the pipe material would be helpful in determining target areas. Mr. Rudy said that PVC pipe is what is used, so anything else should be replaced.

Mr. Rogalski pulling manholes could also help to determine the construction of the manholes to see if they need replaced or lined.

Mr. Miller suggested reviewing the electro scan data and then pulling manholes close to that area. This would help to find areas of concern and allow a scope of work to be developed.

Mr. Beck provided a memo dated January 30, 2017 that shows the potential saving with remediation done in the White Rock sewer area.

Mr. Miller asked what the status is with the grants that Ms. Araiza applied for. Mr. Rogalski said that DCED should make their recommendations by the end of February and then the grants will be awarded.

Mr. Rogalski added that an I&I study would give you an idea of where to start then a plan can be created to attack the worst areas first.

Ms. Sunday said that not doing something is not an option.

Mr. Eckerd asked if the Board could provide a dollar amount and then we would be able to see what can be done with that money. Mr. Rogalski said you're spinning your wheels if there is no figure to work with. Mr. Beck had budgeted \$40,000 for I&I and \$50,000 for capital projects.

Mr. Miller said that every manhole should have a diaphragm and that building sewer laterals need to be identified and rectified. Mr. Jackson added that with the Dillsburg Authority 65% of their I&I was from laterals.

Jim Hoffman from Allenberry was present. He stated that he does this type of work and would be interested in helping.

Mr. Miller suggested working from the Sandy pump station out by reviewing CCTV and Electros can data and pulling manholes in the area. He asked that this be on the agenda for the next meeting.

Mr. Eckerd said that the system is in bad shape, is it worth fixing or installing a low pressure system. Mr. Rudy said he could run the numbers. Mr. Rogalski said that it would be very costly

Mr. Beck said that CCTV data from 6/18/19 (green area), 7/17/09 (yellow area) and 1/18/06 – 1/19/06 (light brown area) should be reviewed.

Mr. Miller asked when the manholes should be pulled. Mr. Rogalski said the road crew could do this during the day to keep the costs down. He would provide them with some directions. Mr. Miller felt pulling the manholes at night would be more likely to show infiltration.

Mr. Miller said that 50% of the CCTV has been done and we need to identify what areas are new.

Mr. Miller asked Ms. Lowery to provide a cost savings comparison for pump repair that he had looked into.

Ms. Sunday said she would look at the Asset Management info to look for pipe composition where she can.

Mr. Beck said the tapping fees were last updated in 2006. Mr. Miller asked Ms. Lowery to look into this and let the Board know. This should also be added to the agenda for review.

ADJOURN

**On the motion of Ms. Sunday, and seconded by Mr. Miller, and by unanimous vote of the members it was duly RESOLVED to adjourn the workshop at 8:30 PM.**

Respectfully Submitted,

Karen M. Lowery  
Recording Secretary