

Public Water Supply District #2 of St. Charles County, Missouri Minutes of the April 23, 2018
Special Board Meeting

Denis Raab, President
John Cook, Vice President
Darrell Dechant, Director
Kay Schnurr, Director
Vicky Steinkamp, Director

Kevin Dunn, General Manager/Treasurer
Mark Piontek, Legal Counsel
Bob Schwermann, Financial Consultant

The Special Meeting of the Board of Directors of Public Water Supply District #2 of St. Charles County, Missouri, was held on April 23, 2018 at 6:00 PM at the Lake St. Louis Community Association clubhouse.

Denis Raab called the meeting to order. Kay Schnurr served as Clerk of the meeting. The following Directors were present: Dennis Raab, John Cook, Darrell Dechant, Kay Schnurr, and Vicky Steinkamp.

Denis Raab thanked everyone for attending the Special Meeting to hear the report on the large lake sewer system.

Kevin Madden from RJN Engineering presented the large lake condition assessment. Kevin stated that no Grade 4 or 5 defects were found. Typical defects included peeling of cement lining inside the sewer lines, structural defects consisting of holes made during installation probably for the purpose of inspection, infiltration stains, and other miscellaneous defects. 338 defects in total were found with an average rating of 1.065. Four sewer lines are listed as Grade 3 and all other lines were graded as either 1 or 2. The average life expectancy of the pipes is 20 years or greater. In response to a question, Kevin stated that all piping is cast iron. In response to a question, Kevin said that a small portion of the lines remain un-inspected because access wasn't possible.

Tom Qualls from SAK discussed pipe rehabilitation. The lake sewer lines are candidates for Cured In Place Pipe (CIPP) upgrade. CIPP provides the same properties as PVC and can extend the life of the lake sewer lines by 50 years. Capacity of the lines can also be increased due to the slick nature of the CIPP lining.


Dennis Smith of Interactive Pipe Inspection (IPI) provided recommendations for the lake sewer lines: reinspect the small lake sewer lines in 10 years and provide additional access points in the large lake for future maintenance, upgrade (CIPP), and emergency response. Dennis believes that future problems would most likely occur at the junction points of the lateral and main trunk sewer lines; therefore Dennis recommends 10 additional underwater manholes in the large lake at a cost of \$899,978 per manhole. 10 manholes are recommended because CIPP requires no more than 1,800 feet between access points in order to upgrade the sewer lines. Even with 10 manholes, not all transitions are eliminated.

Upon questioning, Dennis stated that approval of additional manholes is needed immediately since equipment is already in place and can be utilized before it is moved in order to keep costs as low as possible. Two years is the time frame required to install all 10 manholes in the large lake. The Lake St. Louis Advisory Committee is in favor of the additional manholes. Per Bob Schwermann's preliminary calculations, these 10 additional manholes would cost approximately \$1.50 to \$2.00 per rate payer per month.

John Cook motioned, conditional upon a written change order and the increase in payment and performance bonds, to approve 10 additional manholes in the large lake at a cost of \$899,970 per manhole. Vicky Steinkamp seconded the motion. Denis Raab voted yea, John Cook voted yea, Darrell Dechant voted yea, Kay Schnurr voted yea, and Vicki Steinkamp voted yea. Motion carried.

Vicki Steinkamp motioned to adjourn the meeting. Darrell Dechant seconded the motion. All yea, motion carried.

Minutes approved this 9th day of May, 2018



Denis Raab, President



Kim Cantrell, Clerk

