

Board of Municipal Utilities
Work Session Minutes
February 21, 2017
201 Miller Road
Avon Lake, Ohio

The work session was called to order at 6:00 PM.

Present: Mr. Dzwonczyk, Mr. Phillips, Mr. Rickey, Mr. Rush, and Mrs. Schnabel.

Also present: CUE Danielson, Mayor Zilka, Councilmember Fenderbosch, Anthony Abram, Tony Blanc, Bryan Rogne, and Eric Dunn.

Wet Weather Flow Study Update

Members from Brown and Caldwell presented interim findings from their on-going wet weather flow study. They indicated that the requirement for customers to separate laterals is increasing stormwater removal effectiveness during rain events and will prevent approximately 640,000 gallons from entering the sanitary sewer during the 10-year storm. This increased effectiveness will allow Avon Lake Regional Water to meet the requirements of its Long-Term Control Plan for rain events with historical 1-year frequencies. Additional storage will be required in order to prevent overflows to receiving bodies during larger storms. Members indicated they would be interested in understanding alternatives and estimated costs in order to decide the size storm they would want the system able to accept.

Other highlights from the study are that they recommend separation of the 45s' combined sewer as preferable over offline storage of the combined stormwater and wastewater due to the relative difference in cost. Also, they indicated that the rehabilitation of the water pollution control center and upgrading of certain components of the facility will help to reduce sewer overflows from 4.5 million gallons to 1.8 million gallons during a storm event that historically occurs once every ten years. Because storm events seem to be changing, Board members and Brown and Caldwell discussed the concept of appropriate naming for storm events—potentially naming them by their intensity, rather than their historical recurrence interval.

The work session adjourned at 6:57 PM.

Approved March 7, 2017

John G. Dzwonczyk, Chairman

Todd A. Danielson, Clerk