

Board of Municipal Utilities  
**Work Session Minutes**  
**October 1, 2019**  
201 Miller Road  
Avon Lake, Ohio

***Call to Order – Roll Call***

The meeting was called to order at 6:00 PM.

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

Also present: CUE Danielson, CUO Munro, Technical Support Specialist Collins, Councilwoman Fenderbosch, and Community Outreach Specialist Arnold (arrived partway through).

***Redundancy/Future Capacity***

The CUE informed the Board that staff met with HDR on September 25<sup>th</sup> to begin developing a scope and budget for the Redundancy and Future Capacity Plan, with the intention to provide a final scope and budget for Board consideration and approval at its October 15<sup>th</sup> meeting. He said that staff wanted to provide an overview of the draft scope and was seeking input from the Board in order to help assure it may be reflected in the final scope and budget.

The CUE stated that the focus of the planning effort with HDR was to assure reliability of the mains providing water to Avon Lake Regional Water's bulk customers and was intended to include a condition assessment and modeling in order to provide options for consideration. He said that the plan may include components that are required for the USEPA regulation supporting "America's Water Infrastructure Act" legislation.

He said that the scope will include an assessment of the Water Filtration Plant (WFP). With a portion of the plant nearing 100 years old, a path forward for that portion of the plant and its capacity will be included as part of the plan. He also said that staff will work closely with bulk customers to assure the plan will propose work that they want, need, and would be willing to help fund.

The CUO said that HDR was the top qualified firm; and, through their previous work with Avon Lake Regional Water, they are able to handle both aspects of the project. Mr. Rush asked what the plan is for the plant built in 1926; and, since it is out of service, would it fulfill the needs of Avon Lake Regional Water? He asked if there were any plans to utilize the old plant. The CUE indicated that the consultant would help determine the tradeoffs for reutilizing the old filters, constructing new filters, or doing something entirely else.

The Chairman said that if there was going to be expansion of the plant, Avon Lake Regional Water should build on the west end of the plant. He also said that it would probably be more cost prohibitive to build over the plant or to rehabilitate the plant, than to build elsewhere in the plant vicinity.

The CUE stated that the plan is to grow the plant's capacity now so future needs can be accommodated. He said that the final capacity was still being determined through work with HDR. There are a number of influencing factors, like the number of future customers and growth of bulk customers. He also said that HDR will provide guidance regarding future inputs and available capacity. Mr. Rush asked if the 42 MGD (the capacity without using the old filters) keeps Avon Lake Regional Water in compliance with the EPA. The CUE informed the Board that current flows are more than 20% below the 42 MGD. He said that once the capacity falls within 10% to the 42 MGD, the organization would need a plan for future compliance.

Mrs. Schnabel asked if the stated capacity is 60 MGD or 50 MGD, and she asked to clarify if the maximum the water plant can actually handle is 35 MGD. The CUE stated that 50 MGD is the current rated capacity and that 35 MGD is approximately the maximum demand. Mr. Phillips said that since a significant portion of bulk customer demand is through ETL 1 and it is failing so frequently, Avon Lake Regional Water should focus on fixing those issues first.

The CUO informed the Board that the City of Avon spoke with him about increasing their capacity, and he said he expects that need will be addressed soon. Mrs. Fenderbosch asked what kind of piping might be installed to address the situation. The CUE answered that there are three main pipe materials used today. He said that concrete, ductile iron, and PVC piping are the most common options. He said that PVC would be the most likely replacement. The CUO added that the recent repairs that have been made to ETL1 have all been replaced with PVC. Mr. Phillips asked if the PVC has any effect on the quality of the drinking water. The CUE informed the Board that it does not change the quality.

Mr. Rush asked if the consultation with HDR will address ETLs 1, 2, and 3. The CUO informed the Board that all three are being addressed by the consultants. The Chairman stated that he has spoken with Rural Lorain County Water Authority and North Ridgeville and both are in support of an ETL3. Mrs. Schnabel asked how the cost of the project will be divided since Avon Lake Regional Water is in a consortium with other entities. The CUE stated that the cost of the increased plant capacity would fall within the "water rate." He added that costs for ETL transmission line repairs/upgrades would be covered by the consortium, of which Avon Lake Regional Water has a minor share.

### ***Other Items***

None

### ***Adjourn***

With no other business, the Mr. Abram moved to adjourn, Mr. Rush seconded. The Chairman concluded the work session at 6:30 PM.

Approved \_\_\_\_\_ 2019

John Dzwonczyk, Chairman

Todd Danielson, Clerk