

Avon Lake Board of Municipal Utilities

**AGENDA**

For

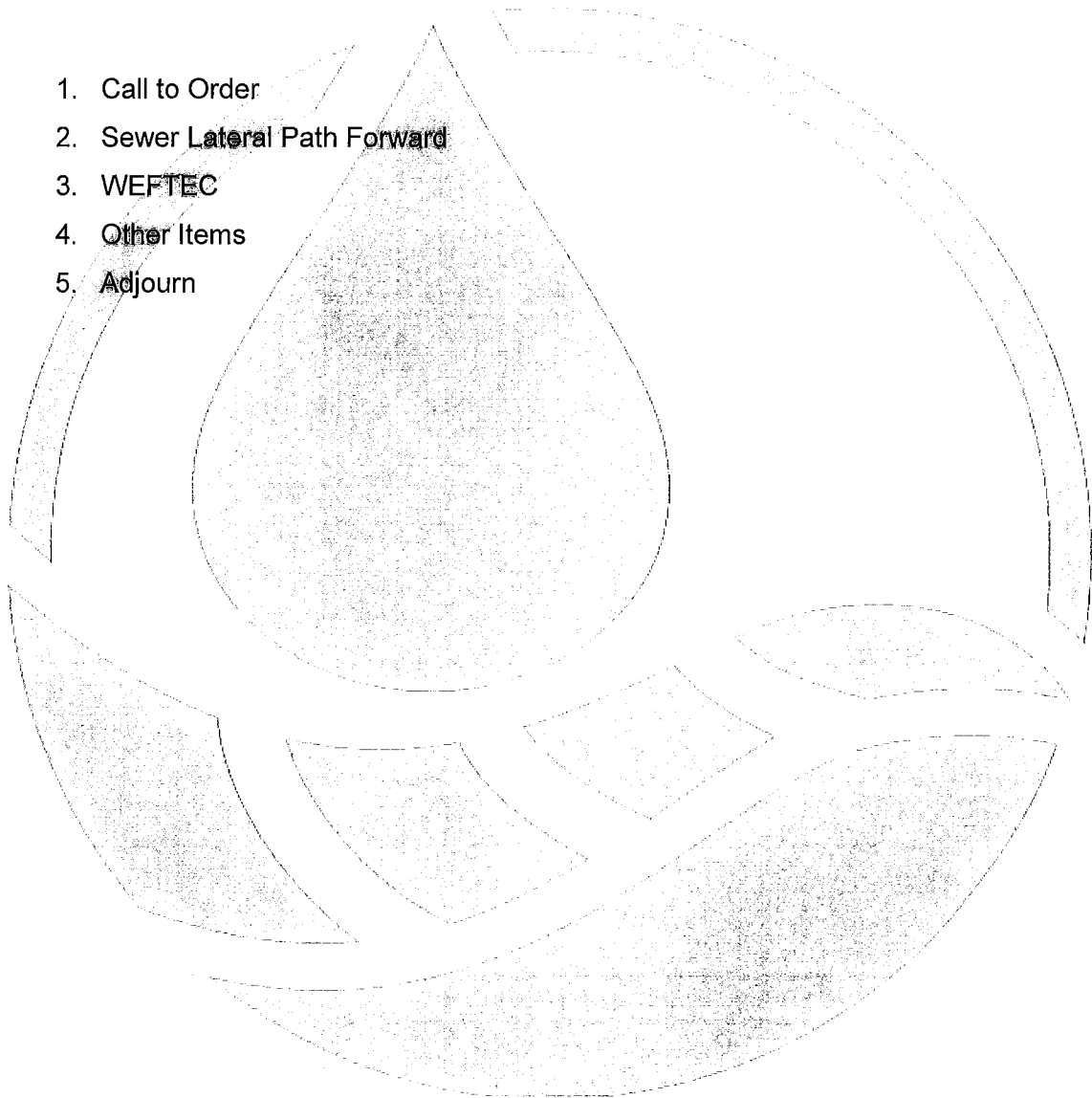
**WORK SESSION**

**Tuesday**

**October 16, 2018**

**6:00 PM**

1. Call to Order
2. Sewer Lateral Path Forward
3. WEFTEC
4. Other Items
5. Adjourn



Avon Lake Regional Water  
**MEMORANDUM**

To: **Board of Municipal Utilities**

From: **Todd Danielson & Rob Munro**

Subject: **Agenda Items – October 16, 2018 Work Session**

Date: **October 12, 2018**

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Item 2: **Sewer Lateral Path Forward – TAD**

To protect public health and safety and prevent the potential for significant fines, compliance with the December 31, 2019, sewer separation deadline is a critical priority. One component of that compliance is for customers to confirm that they do not have clean water entering the sanitary sewer.

The Board of Municipal Utilities wants to help residents in complying with the requirements for this, while the Board is still able to assure compliance for the City. To this end, the Board has spoken extensively about how to best meet these goals and has revised the deadlines for customers first to have their properties inspected and then, if necessary, to remove clean water sources from sanitary laterals. The attached document tries to provide this balance.

Item 3: **WEFTEC - TAD**

Recently, four staff members attended the Water Environment Federation's Annual Technical Exhibition and Conference (WEFTEC) in New Orleans. There were a number of reasons why four different members attended the conference, which will be briefly described below and then highlighted in a brief presentation during the work session. From an overall perspective, these members were learning about topics extremely relevant to ongoing or upcoming work, including asset management practices and solids management options. In addition to that, our Water Filtration Plant Manager had been taking part in the Water Leadership Institute this year. Final presentations were made and graduation from the program occurred at WEFTEC. Our Chief of Utility Operations was taking part in a project meeting for a research project in which we have been involved. The Chief Utilities Executive was taking part in a workshop on co-digestion to learn more about business opportunities regarding solids processing and a government affairs committee meeting to learn about USEPA priorities. Additionally, he was asked to present on innovation within small to mid-sized utilities. All members interacted with many consultants and vendors regarding both existing equipment/projects and future work, and the members will be preparing an internal presentation to relate the information learned to others within our organization.

**Board of Municipal Utilities'**  
**Sewer Lateral Path Forward**

Revision Date: October 16, 2018

**Background**

Avon Lake is one of approximately 860 communities across the United States (72 in Ohio) served by combined sewer systems that collect both sanitary wastes and storm waters from residences and businesses. The 1972 Clean Water Act required communities to address combined sewer overflows, and several EPA policies since that time gave communities the ability to best choose how to do so. In 2004, Avon Lake and Ohio EPA came to agreement that all combined sewers within the city would be separated by 2020 so that storm water and sanitary wastes are captured and managed differently.

Initially, as sewers were being separated in Avon Lake, customers were allowed to keep their foundation drains connected to what became their sanitary lateral that discharged into the sanitary sewer. However, several extreme rain events led Avon Lake (through its Board of Municipal Utilities and Avon Lake Regional Water) to investigate and determine gravity foundation drains provide significant quantities of water to the sanitary sewer during rain events. This led to changes in Avon Lake Regional Water's Regulations to no longer allow foundation drains to be connected to the sanitary lateral and a City Council ordinance supporting the requirement.

**Sewer Lateral Path Forward**

For compliance with the Ohio EPA agreement, the Board of Municipal Utilities established the following Sewer Lateral Path Forward (updated October 16, 2018):

1. Customers must have a free inspection of their home by Avon Lake Regional Water, by the dates below, to determine if clean water sources such as foundation drains, yard and/or driveway drains, and downspouts are discharging into sanitary laterals:
  - a. November 30, 2018, for homes in the "Group A" area,
  - b. April 30, 2019, for homes in the "Group B" and "Group C" areas.
  - The Group A area includes all other homes on formerly combined sewer area streets including the Belmar project area (Artsdale, Ashwood, Belmar, parts of Electric, parts of Lake, Mooreland, and parts of Redwood), the Moorewood project area (Beachwood, Crestwood, Parkwood, Moorewood, parts of Electric, parts of Redwood, and Vinewood), Avon Belden area (south of Redwood), Bellaire, Belle, Burton, Cherry, Dellwood, Drummond, Duff, Electric (parts), Glenview, Harvey, Inwood (south of Redwood), James, Jaycox, June, Lake (parts), Lear, Miller, Moore, Mull, Norman, Parkview, Redwood (parts), Woodstock (south of Electric), Yoder, and York.
  - The Group B area entails homes in the Fairfield-Brookfield Sewer Separation Project (Berkshire, Brookfield, Fairfield, Inwood north of Redwood, parts of Lake, and parts of Electric), as well as homes on streets with formerly combined sewers that do not have storm access including Avon Belden (north of Redwood), Beachdale, Beck, Curtis, Fay, Forest Hill, Groveland, Hermann, Karen, Sunset, Vanda, Vineyard, and Woodstock (Electric to Lake).
  - The Group C area entails homes in the 45 Area Combined Sewer Separation Project (Forest, Grove, Lakeview, Lakewood, Oakwood, South Point, and Tomahawk) and on Avondale.