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To: Chairperson Vered Meltzer and Members of the Utilities Committee

From: Ryan Rice, AWWTP Operations Supervisor

Cc: Chris Shaw, Director of Utilities
Paula Vandehey, Director of Public Works
Dean Gazza, Director of Parks, Recreation and Facilities Management
Mayor Jacob Woodford

Date: July 14, 2020

Re: *Request Approval of the electronic Compliance Maintenance Annual Report (eCMAR) for 2019 and Request Action Item be Presented to Common Council for Approval*

State of Wisconsin Code NR 208 mandates an annual assessment of the wastewater utility. Requirements under NR 208 are enforceable through the facility's Wisconsin Pollutant Discharge Elimination System (WPDES) permit. The 2019 eCMAR is required to be submitted to the Department of Natural Resources (DNR) by August 31, 2020.

After approval from the Utilities Committee and Common Council, the 2019 eCMAR will be submitted to the Wisconsin Department of Natural Resources. Each eCMAR category was letter graded (A, B, C, D, or F) based on regulatory criteria. The categories are then combined, and an overall treatment works grade point average was determined for 2019. Responses are required for categories with grades at or below a "C" or for an overall grade point average less than 3.0.

The overall letter grade for the 2019 eCMAR is an A with a grade point average of 3.86. All but one of the categorical grades for the facility were graded as excellent or A. The lone B grade was Effluent Quality & Plant Performance (Ammonia), which was a result of needed maintenance in March 2019 to descale and modify piping that allows for efficient ammonia removal. During the scale removal and construction, the monthly effluent ammonia average was 11 mg/L, which exceeded the permit limit of 10 mg/L. Since the project and subsequent projects to improve associated piping, all WPDES permit limits for effluent ammonia have been met.

Overall, the 2019 Compliance Maintenance Annual Report reflects sound utility planning and operations. I would like to credit the Utilities Committee and Council for continued investment in our wastewater facilities, Wastewater Staff for their work in achieving a fine maintenance and compliance record, the Department of Public Works for collection system engineering and maintenance, and Facilities Management for maintaining our buildings and grounds.

I recommend approving the 2019 eCMAR in support thereof. If you have any questions concerning the 2019 eCMAR please contact Ryan Rice at 832-2349.