



State of Tennessee
Department of Environment and Conservation

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November 27, 2018

Mr. Porter Massengill
Superintendent of Utilities
936 West Cherokee Drive
P.O. Box 530
Jefferson City, TN 37760

RE: Compliance Evaluation Inspection CEI
Water Treatment Plant Permit
NPDES permit # TN0056847
Jefferson County

Dear Mr. Massengill:

On November 14, 2018, Hassan Sanaat and Richard Lambert visited your water treatment facility in order to conduct a compliance evaluation inspection concerning your filter backwash water NPDES permit and conduct a water treatment plant survey on your drinking water plant (WTP). The water treatment plant survey will be reported under separate cover. We appreciate Mr. Chris Smith, Water Plant chief operator, Mr. Vince Bonerczuk, assistant operator, and your help in providing necessary information for conducting this inspection along with a tour of your water treatment plant. Following is a report of the inspection of your treatment plant's backwash permit:

NPDES Permit #TN0056847 covers Jefferson City WTP for its discharge of filter backwash water by the "General NPDES Permit for Discharges of Filter Backwash and Sedimentation Basin Wash water from Water Treatment Plants".

File review for the past twelve months Discharge Monitoring Reports (DMR's) did not indicate any discharge violations.

During the past twelve months, the results of Total Suspended Solids (TSS) and Settleable Solids analyses showed compliance with the NPDES permit limits. However, some of these results were close to the applicable NPDES permit limits, which means more settling time is needed for solids to settle in the basin. Site review indicated only one of the settling basins now being used for the backwash. It is suggested that in order to give filter backwash solids more time to settle, bring the second basin into operation.

Porter Massengill

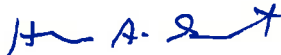
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Please place a sign at the outfall to be visible to the public from the bank and receiving stream. The sign is to provide notice to the public as to nature of the discharge and that the discharge is regulated by the Tennessee Department of Environment and Conservation, Division of Water Resources. Please refer to page 25 of your *wastewater* plant NPDES permit #TN0021199 for additional information.

Should you have any comments or questions, please do not hesitate to call me at (865) 594-5591.

Sincerely,



Hassan Sanaat

Division of Water Pollution Control

cc: Enforcement and Compliance, DWPC, Nashville

E-copy to mjones@jeffcitytn.com

Mr. Mike Jones, Public Works Director, Jefferson City Water & Sewer Commission,
P.O. Box 530, Jefferson City, TN 37760

E-copy to csmith@jeffcitytn.com

Mr. Chris Smith, Chief Operator, Jefferson City Water & Sewer Commission, P.O.
Box 530, Jefferson City, TN 37760