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November 12, 2020

Mr. Derrick Caruthers
DNREC
89 Kings Highway
Dover, DE 19901

RE: Draft Beaver Creek Amended Operations State Permit no. 359014-06

Dear Mr. Caruthers,

Artesian Wastewater Management Inc. (AWMI) is in receipt of the draft permit amendment for the Beaver Creek Wastewater Treatment Plant (Beaver Creek) State Permit Number 359014-06. The purpose of this letter is to provide official comment on the draft permit. AWMI's comments all pertain to requirements outlined in the Part III Special Conditions portion of the draft permit.

In our review of the permit AWMI staff found that some of the requirements in the Special Conditions do not match well with the current operation methodology and construction status at the Beaver Creek WWTP. Accordingly, AWMI has developed proposed revised language which more closely aligns with the current status of the plant. This proposed language is attached to this letter.

Thank you for allowing us the opportunity to provide comment on the draft permit amendment. Please do not hesitate to contact me if you have questions or require additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "DKonstanski", with a long horizontal flourish extending to the right.

Daniel Konstanski, P.E., BCEE
Manager of Engineering – AWMI

Proposed Language – Beaver Creek Wastewater Treatment Plant Draft Permit no. 359014-06

Requirement m.

Original:

Once the flow to the WWTP reaches 80% of the permitted treatment capacity of 150,000 gpd, the permittee must submit written notification to the Department. The Written notification must include a work plan for upgrades to be made to the WWTP in order to receive additional flow. The Permittee must submit a construction permit application, plans and specifications and a Design Engineer Report with applicable fees if the upgrades have not been permitted or there are changes to the previously permitted design.

Proposed:

Authorization for construction of improvements that would increase the capacity of Beaver Creek WWTP from 150,000 gallons per day (gpd) to 300,000 gpd has previously been granted under Construction Permit No. 295999-01, Operations Permit No. 359014-06 and DNREC Construction Authorization no. 0929. Upon completion of the improvements described in these documents, the Permittee shall submit to the Department updated Record Drawings and a Certificate of Completion stating that all necessary improvements for increasing the rated capacity of the Beaver Creek WWTP to 300,000 gpd have been completed.

Requirement n.

Original:

Any flow above the permitted treatment capacity of 150,000 gpd shall not be permitted until the construction is complete and an operating permit has been issued or amended by the Department for the increase in flow.

Proposed:

Along with the Certificate of Completion and Record Drawings, the Permittee shall submit to the Department a formal request for authorization to begin treatment and disposal of 300,000 gpd of wastewater. No increase in volume beyond 150,000 gpd shall be accepted by AWMI at the Beaver Creek WWTP until the Department has issued authorization to accept 300,000 gpd.

Requirement p.

Original:

Connections to the WWTP shall be from a combination of developments located within the Conditional Use Approval granted by Sussex County. The permittee must seek approval from Sussex County and the Department prior to the addition of connections. The permittee must submit a letter of approval to the Department for review and approval, from Sussex County that indicates the Engineering Department approves the permittee to use the Beaver Creek Regional WWTP to serve the proposed connections.

Proposed:

The Permittee is only authorized to provide service to parcels for which it has been granted a CPCN by the Delaware Public Service Commission. Both DNREC and Sussex County receive notification of all CPCN applications so no further notification by the Permittee is required. Furthermore, the flow treated at Beaver Creek WWTP shall only be from sources authorized by the Conditional Use Approval granted by

Sussex County for the Beaver Creek facility. Flow which does not meet these criteria cannot be treated at the Beaver Creek WWTP by the permittee.

Requirement q.

Original:

No industrial or commercial wastewater may be discharged the Beaver Creek Regional WWTP unless the Department has reviewed and approved the discharge in writing through a wastewater management plan. Any additions or changes to a wastewater management plan must be approved by the Department prior to the connection.

Proposed:

The raw influent wastewater to the Beaver Creek WWTP, regardless of its source, shall be made up of constituents that do not exceed the following concentrations. Any source of wastewater to be treated at the Beaver Creek WWTP which exceeds one of the following shall require pre-treatment to bring it below all of these levels prior to final treatment at the Beaver Creek WWTP.

- BOD – 400 mg/L
- TN – 80 mg/L
- TSS – 500 mg/L