



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
COLUMBIA ENVIRONMENTAL FIELD OFFICE
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August 28, 2020

Honorable Joyce Brown
Mayor
City of Cowan
PO. Box 338
Cowan, TN 37318

RE: Compliance Evaluation Inspection
City of Cowan STP
NPDES Permit No. TN0021644
Cowan, Franklin County, Tennessee

Dear Mayor Brown:

On August 25, 2020, I conducted a Compliance Evaluation Inspection (CEI) of the City of Cowan Wastewater Treatment Plant. A CEI is conducted to determine compliance with the permit and to review the operation and maintenance of the treatment plant. The following observations were made during the inspection:

I. Permit

The current permit became effective on February 1, 2017 and shall expire on January 31, 2022.

II. Records/Reports

Discharge Monitoring Reports (DMRs) are being submitted using the NetDMR electronic reporting system. DMRs submitted since the previous inspection were reviewed. The review indicated that there were no violations of the permit parameters reported. An electronic Monthly Operation Report (eMOR) is being submitted to the Division. Annual laboratory equipment and instrument calibrations records from Labtronix were available for review.

III. Facility Site Review and Operations and Maintenance

The treatment system consists of an influent headworks with a grit removal system, oxidation ditch, clarifiers, digester and a chlorine contact chamber. All components of the treatment system were functioning as designed during the inspection. The facility is equipped with an emergency generator in the event of a loss of power. The generator is tested weekly. A logbook is maintained on site for treatment plant repairs and maintenance. A monthly checklist is being maintained on the collection system. Standard Operating Procedures (SOP) have been developed for the treatment plant, laboratory and collection system.

IV. Effluent/Receiving Waters

No issues were noted

V. Flow Measurement

No issues were noted

VI. Laboratory

The laboratory is equipped to perform the analytical testing requirements of the permit. A new Quincy Lab drying oven has been purchased since the previous inspection. The laboratory is clean and well maintained.

VII. Sludge Handling/Disposal

Sludge generated at the plant is stored in a digester and wasted into two sludge drying beds. A sludge disposal staging area is located adjacent to the drying beds. The facility has a permit to dispose of processed sludge in the Middle Point Landfill in Murfreesboro, TN.

VIII. Pollution Prevention /Stormwater

No issues were noted

IX. Pretreatment

The Cowan STP has received an exemption from development of a pretreatment program due to the lack of any significant industrial users.

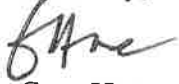
X. Additional Comments/Recommendations

Nic Willis is the operator in direct charge and has a current certification as a Wastewater 3 operator and is the Collections System 1 operator. These certifications meet the current Cowan NPDES permit requirements.

XI. Conclusion

The City of Cowan continues ongoing efforts to protect and improve water quality. This facility is being operated and maintained in accordance with the terms and conditions of the NPDES No. TN0021644. I would like to thank Mr. Willis for his time and cooperation during the inspection. If you have any questions concerning this correspondence you may reach me at 931-840-4166 or by e-mail at gary.horne@tn.gov.

Sincerely,



Gary Horne
Division of Water Resources