



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

MEMORANDUM

TO: Katheryn Emery, P.E., Director, DWWM

FROM: Daniel S. Bailey, E.I., CFM, DWWM

DATE: April 14, 2023

SUBJECT: Town of Capon Bridge
Preliminary Application: IJDC No. 2018S-1765
Wastewater Treatment Plant Expansion and Sanitary Sewer Upgrades

RECOMMENDATION

The memorandum prepared by The Thrasher Group for the above referenced project has been reviewed and is technically feasible except for the cost of the UV system. The design of the proposed facilities should be submitted to the appropriate agencies for review and approval prior to purchase and installation.

DISCUSSION

The current construction project at the Town of Capon Bridge is essentially substantially complete with the execution of delivery of an emergency generator at the plant site. The recent expansion at the plant included a chlorination/dechlorination system and the current operator raised concerns with the system. The current operator was not in place when the original project was approved with chlorine disinfection. The system can be operated in the way it was designed and should stay in place.

Skimmers added behind the inflow baffle in the clarifiers will remove floatables captured and distribute them directly to sludge holding. Currently, the floatables must be fished out from behind the baffles, placed in a bucket, and carried to be dumped into the sludge holding tank. Installation of these skimmers will eliminate an unsanitary condition and the potential for this material to be spilled onto the ground if a slip or trip by the Operator should occur.

Promoting a healthy environment.

The Consultant stated that they will provide the total dollar amount and breakout of the items that are eligible at the funding meeting.