



west virginia department of environmental protection

Division of Water and Waste Management
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Harold D. Ward, Cabinet Secretary
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MEMORANDUM

TO: Katheryn Emery, P.E., Engineer Chief, DWWM

FROM: Chantz Rankin, E.I., DWWM

DATE: June 14, 2024

SUBJECT: Town of Mill Creek
Preliminary Application: IJDC No. 2019W-1834
Water System Improvements Project

RECOMMENDATION

The Change in Scope/Ancillary Fund Request Letter was prepared by Potesta & Associates, Inc. for the above referenced project has been reviewed and is technically feasible.

PROJECT DESCRIPTION

The Town of Mill Creek's Municipal Water Department (Town) owns and operates a Water Treatment Plant (WTP) and distribution system under Public Water System Identification number (PWSID#) WV3304209 that serves 385 customers in Randolph County, WV. The Town's WTP consists of a raw water intake from Mill Creek, a raw water pump station with 266 gallon per minute (GPM) pump, a static mixer, a 470,000-gallon sedimentation tank, two (2) 40-square-foot multi media filters, a chlorine gas disinfection system, a clearwell, a 20 HP 266 GPM high service pump, and two backwash ponds which discharge into Mill Creek. The average daily water production is approximately 135,000 gallons per day (GPD).

In 2022, the Town began a project to rehabilitate a majority of the water distribution system, upgrade the existing WTP pre-sedimentation tank, and provide a telemetry system between the WTP and the water storage tank. Currently, the project has been split into two contracts. Contract #1 was awarded to Pro Contracting for the replacement of a majority of the distribution system, and Contract #2 was awarded to FAMCO for the construction of a new water storage tank and the rehabilitation of the pre-sedimentation tank. The total cost of Contract #2 led to the removal of the construction of the new water tank from the project, reducing FAMCO's contract to only include the repairs on the pre-sedimentation tank. The rehabilitation of the pre-sedimentation tank was based on an inspection performed in 2014. Due to the elapsed time since the inspection,

the tank had deteriorated past repair and would need to be fully replaced. Since the beginning of the project, Contract #1 has been completed and Contract #2 has not progressed.

The proposed project scope change will include the cancellation of the existing contract with FAMCO for the rehabilitation of the existing pre-sedimentation tank, the bidding and construction of a new tank, and the construction of a staircase and catwalk to access the top of the tank.

The proposed total cost for the change in project scope is \$984,250.00. After the completion of Contract #1 and the cancellation of Contract #2, the Town will be left with \$998,559.43 of unallocated funds which they are requesting to be made available to fund the scope change of the project.