

Date: 8/29/2025

Region: 4C

FAC ID: WV016

Asset #: NA

FEMS No.: 3313526

Maximo WO No.: 20068

Priority: Emergency



Original Work Request:

Wastewater Treatment Plant Cleaning and Disinfection.

Description of Repairs Needed:

The WVDEP is requiring that the septic and recirculating tanks are cleaned and refilled with clean water and they are recommending that the sewage in the eight drying beds is sterilized. The septic tank measures 12'10" x 6'10" x 5'8" deep; the recirculating tank 12'10" x 6'10" x 11' deep, the chlorine contact chamber 3'3" x 5'2" x 7'2" deep and the eight drying beds each measure 6'10" x 12'10" x 5'4" deep. Labor and material to perform: The cleaning of the plant, removal of the sludge, sterilization of the drying bed sludge and the refilling of the tanks is projected to require one week, 5 work days, costs below:

Labor:	Labor Hrs	Labor Rate	Total
5 Crew Days @ \$1,417.60 per day	200	\$ 35.44	\$ 7,088.00
			\$ -

Material List:	Quantity	Cost	Total
Truckloads of sludge	4	\$ 1,200.00	\$ 4,800.00
Chlorine to Disinfect Drying Beds	1	\$ 403.30	\$ 403.30
Pulverized Limestone to Treat Seware Solids	1	\$ 339.00	\$ 339.00
Truckloads to Refill Tanks	4	\$ 600.00	\$ 2,400.00
			\$ -
			\$ -
			\$ -

Equipment List:	Quantity	Cost	Total
			\$ -
			\$ -
			\$ -

PM WO History:

NA

Estimate Summary:

Labor	Material	Equipment
\$ 7,088.00	\$ 7,942.30	\$0.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$15,030.30	\$1,803.64	\$901.82	\$17,735.76

# Fratello & Amico, Inc.

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August 14, 2025

Mr. Thomas M. McBurney  
Area Facility Operations Specialist  
PFC Roy M. Reynolds USARC  
4603 Camden Avenue  
Parkersburg, WV 26101

**RE: WV016, WWTP Cleaning and Disinfection for Acceptance into Operation Waiver for NPDES Permit, Big Bend USARC, RR #1, Box 174, Big Bend, WV 26136**

Dear Mr. McBurney,

We are pleased to submit the following proposal for services as described below.

**Big Bend, WV: WWTP Cleaning for Placement of System into NPDES Permit Waiver:** The operation and maintenance of the WWTP is mandated by county, state and federal laws under the terms and conditions of the NPDES Permit. The facility has been unoccupied since 2019 and the domestic water shut off, however over 100,000 gallons a year of groundwater is still processed through the plant.

The WVDEP Permit Writer and Senior Technical Analyst, Mr. Brian D. Bailey is offering the Govt a waiver to allow the plant to operate by gravity and allow the groundwater to flow through without treatment and without a licensed operator provided the plant is cleaned and the quarterly sampling, testing and DMR reporting of the effluent is continued. This proposal addresses the cleaning and sterilization of the plant but does not include future testing.

The WVDEP is requiring that the septic and recirculating tanks are cleaned and refilled with clean water and they are recommending that the sewage in the eight drying beds is sterilized.

The septic tank measures 12'10" x 6'10" x 5'8" deep; the recirculating tank 12'10" x 6'10" x 11' deep, the chlorine contact chamber 3'3" x 5'2" x 7'2" deep and the eight drying beds each measure 6'10" x 12'10" x 5'4" deep.

The cleaning of the plant, removal of the sludge, sterilization of the drying bed sludge and the refilling of the tanks is projected to require one week, 5 work days, costs below:

Costs:	4 Truckloads of sludge @ \$1,200 each	\$ 4,800.00
	Chlorine to Disinfect Drying Beds	\$ 403.30
	Pulverized Limestone to Treat Sewage Solids	\$ 339.00
	5 Crew Days @ \$1,417.60 per day	\$ 7,088.00
	4 Truckloads to Refill Tanks @ \$600 ea	\$ 2,400.00
	<b>Total Project</b>	<b>\$15,030.30</b>

**Important Note:** This proposal is as detailed, no service beyond the above explicit scope is expressed or implied. Should additional work be requested, all will be performed on a time and material basis.

Thank you for taking the time to consider this proposal. If you have any questions, please feel free to call at any time.

Sincerely,  
Fratello and Amico, Inc.

*Raymond B. Chain, III*

Raymond B. Chain, III  
President