

2020 CAPITAL BUDGET PROJECT REQUEST FORM

Date: September 23, 2019

DEPARTMENT: Engineering Services

ITEM / PROJECT: Item No. 12 – James Drive Treatment Plant Zinc & Copper Monitor/Removal

DESCRIPTION:

Starting January 2019, NJDEP will be enforcing a new regulation for Zinc and Copper monitoring and removal if needed. If removal is needed, the most cost effective method of removal would need to be determined and approved by NJDEP.

Detailed inspections, design, plans and specifications would be required.

The design and construction supervision estimate is \$150,000.00.

The construction cost estimate for this project varies greatly depending on the method chosen for the zinc and copper removal. Estimates can range from \$400,000 to \$2,000,000 (As per Langan report dated August 29, 2018). I recommend \$1,000,000 be budgeted for the construction of this project.

Total project cost budget estimate is \$1,150,000.00.

Costs: Construction <u>\$1,000,000.00</u>	Equipment _____	Prof.: Finance/Legal/Eng. Etc <u>\$150,000.00</u>	<u>\$1,150,000.00</u>
			Total Costs

Year: 2020

Mandatory: X

Necessary: _____

Desirable: _____

FORM: ACBRF