

2021 CAPITAL BUDGET PROJECT REQUEST FORM

Date: October 1, 2020

DEPARTMENT: Engineering Services

ITEM / PROJECT: Item No. 10 – 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: 2021

Mandatory: X

Necessary: _____

Desirable: _____

FORM: ACBRF

2021 CAPITAL BUDGET PROJECT REQUEST FORM

Date: October 1, 2020

DEPARTMENT: Engineering Services

ITEM / PROJECT: Item No. 11 – James Drive Treatment Plant Capacity Assurance Program (CAP) Exceedance

DESCRIPTION:

On October 16, 2019, NJDEP notified Ringwood that the Ringwood Acres Wastewater Treatment Plant (James Drive WWTP) had a capacity assurance program (CAP) exceedance. In order to address the CAP program rules, NJDEP requires completion of a Capacity Analysis report. This report normally includes the following:

1. Assessment of Treatment Works
2. Alternatives Analysis
3. Recommendations
4. Implementation Schedule for the work
5. Sources of funding the improvements
6. A certification that the improvements noted in Item 3 will be performed in accordance with the Implementation Schedule identified in Item 4 above.

The estimate to complete this report is \$225,000.00.

Until the completion of the report, the required improvements and the associated costs are unknown. Therefore, I recommend \$225,000 be budgeted for the preparation and completion of the report.

Total project cost budget estimate is \$225,000.00.

Costs: Construction _____	Equipment _____	Prof.: Finance/Legal/Eng. Etc <u>\$225,000.00</u>	<u>\$225,000.00</u>
			Total Costs

Year: 2021

Mandatory: X Necessary: _____ Desirable: _____

FORM: ACBRF