



















WWTP Capital Project List

Project Description	Estimated Costs	Proposed Year to be	Current Status
Replace D1 Sludge Recirculation Pumps A & B	E \$ -	tbd	Existing asset beyond it's useful life. Quotes from Siewart. Koester Associates is working on a quote.
	C \$ 33,000.00	2020-21	
Press Filtrate Pump Station	E \$ 3,000.00	2021-22	\$14,450 Preassembled Duplex P.S. estimate Installation \$36000. Elliott Engineering will work on plans / bid spec to get out to bid, to be accomplished by 4/9/2021.
	C \$ 50,500.00		
Septage Acceptance Controls	E \$ -	2021-22	\$37,970 Raptor Control Panel + \$27,900 Raptor Control Station Current controls obsolete and unavailable. Working with Hunt Engineering - need an updated timeline.
	C \$ 66,000.00		
Replace Roof at Cherry St - Generator Bldg	E \$ -	2020-21	Roof Leaks over restroom and water main meter and RPZ This building is used by Water/Sewer crew for storage/office space. Roof connect - will issue PO to J&B - on national contract.
	C \$ 52,500.00		
Replace Roof at WWTP - the north wing	E \$ -	2020-21	Rubber roof membrane lifts in the wind. Roof connect - will issue PO to J&B - on national contract.
	C \$ 75,200.00		
Grit Classifier	E \$ -	2022-23	Existing asset beyond it's useful life. Will be utilized with new grit removal system (Pista or equivalent). Rebuilt - new bearing, stainless steel trough. Can push off new grit classifier.
	C \$ 52,000.00		
Grit Pump	E \$ -	2022-23	Existing asset beyond it's useful life. Will be utilized with new grit removal system (Pista or equivalent). Proceed with Siewart to obtain new pump.
	C \$ 15,000.00		
Replace Low Desity RBCs 6 each	E \$ 6,000.00	2021-22	Koester Associates, Inc. to replace all 6 Low Density RBCs with Walker Media to include RBC Model: F89, New Drives assemblies with bearings, Drive Motors, Electronic Load Cells (Qty 4) and new VFDs. Koester will remove/replace roof panels
	C \$ 1,431,100.00		
Install a Disinfection System with Tertiary Eff. Treatment/Filter	E \$ 98,000.00	2020-21	Mandated to be in compliance with SPEDES permit. Working on financing through Environmental Facilities Corp.
	C \$ 2,683,000.00		
Install PISTA Grit Removal System at WWTP	E \$ -	completed	Existing grit removal system at Cherry Street P/S is at the end of its useful life (See note 2 below). Bid out after June 1, 2021.
	C \$ 450,000.00	2022-23	
Replace emergency generator at plant	E \$ 5,000.00	2021-22	Asset at the end of it's useful life. Quote email from RL Kistler for generator plus estimated \$9K cost for transfer switch. Hunt working on engineering for transfer switch and generator.
	C \$ 120,000.00		
Cherry St Pump Station Drywell Valves	E \$ 6,000.00	2021-22	3 Suction Valves need to be replaced with actuated valves. Wet wells need to be drained.
	C \$ 60,000.00		
2nd Forcemain to WWTP	E \$ 120,000.00	2022-23	Applied for FEMA grant money
	C \$ 1,142,966.00		
Secondary Digester Cleaning and Inspection	E \$ 7,000.00	2021-22	Need to schedule inspection and cleaning. Digester 2 (Secondary) was never inspected or worked on with Digester 1 (Primary) due to extensive work on 1. Plan for next winter. Digester cleaning on a 5 year schedule, has been 7 years since they have been cleaned and inspected. Elliott Engineering will bid work out and inspect - final hauling away of sludge (last 10%) and grit.
	C \$ 90,000.00		
Plant Water System	E \$ 6,000.00	2023-24	Water treatment system to reuse plant effluent for process water in the plant
	C \$ 72,000.00	2023-24	
SCADA System	E \$ 31,820.00	2022-23	
	C \$ 318,200.00		
Primary Digester Cover Cleaning and Inspection	E \$ 3,000.00	2022-2023	Need to schedule inspection and cleaning. Digester 2 (Secondary) was never inspected or worked on with Digester 1 (Primary) due to extensive work on 1. Plan for next winter. Digester cleaning on a 5 year schedule, has been 7 years since they have been cleaned and inspected. Elliott Engineering will bid work out and inspect - final hauling away of sludge (last 10%) and grit.
	C \$ 40,000.00		
Influent Micro Screen at Cherry St	E tbd	tbd	Existing debris removal system at Cherry Street P/S is at the end of its useful life (See note 2 below)
	C tbd	tbd	
Replace Septage Building Screen System	E tbd	tbd	Current screen not as efficient and wearing out
	C tbd	tbd	
Rehab existing forcemain to WWTP	E tbd	tbd	Reline existing forcemain for redundancy.
	C tbd	tbd	
Installation of a Fuel Cell	E tbd	tbd	Opportunity for Green Technology Funding to use the methane gas produced by the digester
	C tbd	tbd	

\$	407,500.00	2021-22	Excludes RBC Replacement to be paid for by Village of Penn Yan out of available cash
\$	4,855,986.00	2022-23	
\$	78,000.00	2023-24	
\$	-	2024-25	
\$	-	2025-26	
\$	5,341,486.00	Total	