

SEWER MAJOR & MINOR CAPITAL EXPENDITURES							Budget	Budget	Forecast	Forecast
							Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year
							2021	2022	2023	2024
Projects/Equipment				Freq	Current Inventory	Funding	Total Cost	Total Cost	Total Cost	Total Cost
<b>Treatment Plant 40 acres</b>					4 Ponds/Lagoons. Earthen. Lined with PVC liner. Operate in a series. Small to small to large to large to sand bed filters to ground water					
WWTP	Main Office	new roof			Wood frame construction with roof shingles				25,000	
WWTP	Blower Building				Wood frame construction with roof shingles					
WWTP	Screening Building				Wood frame construction with roof shingles					
WWTP	Aeration Pond # 1				1 acre. Clean as needed. Every 10-15 years	CapA				
WWTP		Air Diffuser #1								
WWTP	Aeration Pond # 2				1 acre. Clean as needed. Every 10-15 years	CapA				
WWTP		Air Diffuser #2								
WWTP	Lagoon #1				3-4 acres					
WWTP		7 aeration pods			Pull the pod annually and clean and inspect. Last done 2014					
WWTP		Solar Be								
WWTP	Lagoon #2				3-4 acres					
WWTP		Solar Be								
WWTP	Sand Filter Bed			30-40	1990 age. Replace sand and pipes. Jet the lines once or twice a year and replace surface scum	CapA				
WWTP		Perforated pipes feeding into from lagoons.								
WWTP		20 ft of sand								
WWTP		Perforated pipes under the sand - feeding into ground								
WWTP	Monitoring wells around sand bed			50	Quantity 15. Monitoring 11 of those. 2" galvanized pipe (1990) with a screen. A Couple are on private property	CapA				
<b>Collection System</b>					60,000 feet					
WP1	Pump Station #1. Howell and Mower St. Moving sewage through the force main to the WWTP									
WP1	Building				Cinderblock 18 x 22					
WP1	SCADA					2021 CapA	60,000			
WP1	Pump									
WP1	Pump									
WP1	Generator.	Repurposed from #1Lift		20	2021 Repurposed from Lift #1 (80 KW)					
WP1	Fencing									
WP1	Valve Vault									
WP1	Wet Well			75		2021				
WP1	Electric Panel									
WL3	Lift Station #3 - Fiberglass enclosure. small forcemain to lift sewage to the next gravity sewer									
WL3	SCADA									
WL3	Pump									
WL3	Pump									
WL3	Generator			20	1997 Purchase					45,000
WL3	Fencing									
WL3	Valve Vault									
WL3	Electric Panel									
WL4	Lift Station #4									
WL4		SCADA			Nothing now as low flow but would be optimal to have entire system on \$40K					
WL4		Pump								
WL4		Pump								

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							2021	2022	2023	2024
							Total Cost	Total Cost	Total Cost	Total Cost
WL4		Fencing								
WL4		Valve Vault								
WL4		Electric Panel								
WL5	Lift Station #5									
WL%		SCADA			Nothing now as low flow but would be optimal to have entire system on \$40K					
WL5		Pump								
WL5		Pump								
WL5		Generator								
WL5		Fencing								
WL5		Valve Vault								
WL5		Electric Panel								
WFM	Force Mains									
WFM		Lift#1 S Howell & Mower to WWTP	50			2021 USDA Loan	655,000			
WFM		Valve Replacement	20			2006 how many valves. Is this on force main				
WGM	Gravity Mains									
		W Hamburg St			split across 2 Fys					342,575
		N Marion to N Mill behind businesses								250,000
WGM		Sewer Lines Starfield - Brentwood - Lift Station. 800' of 12" 600" of 8"	40		section of bad gravity main	Hold for SAW				
WGM		Unadilla - 600 ft of 8"	40			Hold for SAW				225,000
WGM		Knollwood - 800 ft	40			Hold for SAW				
WGM		Unadilla - 600 ft of 8"	40			Hold for SAW	353,000			
WGM		Brentwood	40		Dip in line	Hold for SAW				
<b>Equipment</b>										
WE	Pontoon Boat with Lift				These are to clean the pods	CapA		20,000		
WE	Generator - for Blower and Screening		20		2021 repurposed from Lift #2					
<b>Computer Hardware Software</b>										
WC	SCADA system	Master site is DPW building. IS there a SCADA annual maint fee					60,000			
WC	SCADA hardware	Monitored in house at DPW Building is antenna software. Master site			O&M					
<b>Total</b>							<b>413,000</b>	<b>20,000</b>	<b>-</b>	<b>-</b>

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WWTP	Aeration Pond # 1									
WWTP	Air Diffuser #1									
WWTP	Aeration Pond # 2									
WWTP	Air Diffuser #2									
WWTP	Lagoon #1									
WWTP	7 aeration pods									
WWTP	Solar Be									
WWTP	Lagoon #2									
WWTP	Solar Be									
WWTP	Sand Filter Bed	30-40						800,000		
WWTP	Perforated pipes feeding into from lagoons.									
WWTP	20 ft of sand									
WWTP	Perforated pipes under the sand - feeding into ground									
WWTP	Monitoring wells around sand bed	50								
<b>Collection System</b>										
WP1	<b>Pump Station #1. Howell and Mower St. Moving sewage through the force main to the W</b>									
WP1	Building	Cinderblock 18								
WP1	SCADA									
WP1	Pump									
WP1	Pump									
WP1	Generator. Repurposed from #1Lift	20								
WP1	Fencing									
WP1	Valve Vault									
WP1	Wet Well	75								
WP1	Electric Panel									
WL3	<b>Lift Station #3 - Fiberglass enclosure. small forcemain to lift sewage to the next gravity sev</b>									
WL3	SCADA									
WL3	Pump									
WL3	Pump									
WL3	Generator	20								
WL3	Fencing									
WL3	Valve Vault									
WL3	Electric Panel									
WL4	<b>Lift Station #4</b>									
WL4	SCADA									
WL4	Pump									
WL4	Pump									

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WL4	Valve Vault										
WL4	Electric Panel										
WL5	Lift Station #5										
WL%	SCADA										
WL5	Pump										
WL5	Pump										
WL5	Generator										
WL5	Fencing										
WL5	Valve Vault										
WL5	Electric Panel										
WFM	Force Mains										
WFM	Lift#1 S Howell & Mower to WWTP	50									
WFM	Valve Replacement	20		170,000							
WGM	Gravity Mains										
	W Hamburg St										
	N Marion to N Mill behind businesses										
WGM	Sewer Lines Starfield - Brentwood - Lift Station. 800' of 12" 600" of 8"	40									
WGM	Unadilla - 600 ft of 8"	40									
WGM	Knollwood - 800 ft	40		295,000							
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WC	SCADA hardware	Monitored in house at DPW Building is antenna software. Master site									
<b>Total</b>				<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>