

Pottstown Borough Authority Sewer Capital Plan							
Project #	Wastewater Treatment Plant Projects	Anticipated Inception	Total Cost	Expended to Date	2023	2024	2025
				2/28/2023			
	Hypochlorite (Sodium hypochlorite vs chlorine gas conversion per HRG)	2024	\$ 200,000			\$ 200,000	
2326	Hydraulic Bypass - #2326	2022	\$ 230,000	\$ 77,054	\$ 152,946		
	Increase efficiencies of current drum thickener	2025	\$ 250,000				\$ 250,000
2327	RAS Valve Replacement WWTP - per HRG	2023	\$ 625,000	\$ 34,207	\$ 590,793		
	Headworks Storage Improvement - per HRG- in 2023 O&M 08.429.373	2023	\$ 100,000		\$ 20,000	\$ 20,000	\$ 60,000
2328	Belt filter press - per HRG	2024	\$ 1,300,000			\$ 1,300,000	
	TowBro - Clarifiers	TBD	TBD				
2308	Generator installation - per HRG-*** applied for Small Water and Sewer grant	2025	\$ 500,000			\$ 500,000	
	Aeration tank rehab/cooling - per HRG	2025	\$ 790,000				\$ 790,000
	Centrifugal Blower study - Phase A - per HRG - will be O&M (placeholder)	2025	\$ 27,000			\$ 27,000	
	Aeration Blower and Probe Analyzer - Phase B - per HRG (done through O&M yearly) 08.429.379	2023	\$ 600,000		\$ 75,000	\$ 75,000	\$ 75,000
	Positive Displacement Blower - per HRG	2026	\$ 375,000				
	Pavement Improvement Project - per HRG (done through O&M yearly) 08.429.371	2027	\$ 450,000		\$ 20,000	\$ 20,000	\$ 20,000
	Ammonia system upgrade	TBD	\$ 2,000,000			\$ 1,000,000	\$ 1,000,000
	Digester conversion	TBD	\$ 19,800,000				
	UV System - potential	TBD	\$ 2,500,000			\$ 1,250,000	\$ 1,250,000
	Blowers	TBD	\$ 300,000				\$ 300,000
2322	IT/OT Network Separation - (split with WTP -not included with Townships	2022	\$ 67,500	\$ 55,683	\$ 16,376		
	<b>Total Wastewater Treatment Plant</b>		\$ 30,114,500	\$ 166,944	\$ 875,115	\$ 4,392,000	\$ 3,745,000
	60% Borough Portion		\$ 475,500	\$ 100,167	\$ 525,069	\$ 2,635,200	\$ 2,247,000
	<b>Sewer Collection System</b>						
2314	Domestic Water Meters (split with Water)	2024			\$ 350,000		
1801	Sewer Line Replacement (2023) Design Only	2022	\$ 150,000		\$ 150,000		
1801	Sewer Line Replacement (2023)		\$ 1,000,000		\$ 1,000,000		\$ 1,000,000
	Sewer Interceptor study - Phase A - per HRG	2026	\$ 350,000				
	Interceptor Rehab - Phase B - per HRG	2027	\$ 12,180,000				
	Total Collection Projects	All Borough	\$ 13,680,000	\$ -	\$ 1,500,000	\$ -	\$ 1,000,000
	<b>Total Sewer Capital Projects</b>		\$ 43,794,500	\$ 166,944	\$ 2,375,115	\$ 4,392,000	\$ 4,745,000
	<b>Borough Only 60%</b>		\$ 8,639,436	\$ 100,167	\$ 2,025,069	\$ 2,635,200	\$ 3,247,000
<b>Assumptions/Observations</b>							
Operating reserve of 15% is maintained - for 2023 15% of \$9,464,502 budget							
Borough's portion of plant projects is 60% and Townships contribution is paid on a timely basis							

Pottstown Borough Authority Sewer Capital Plan								
Project #	Wastewater Treatment Plant Projects	2026	2027	2028	2029	2030	Projected	
							2031	2032
	Hypochlorite (Sodium hypochlorite vs chlorine gas conversion per HRG)							
2326	Hydraulic Bypass - #2326							
	Increase efficiencies of current drum thickener							
2327	RAS Valve Replacement WWTP - per HRG							
	Headworks Storage Improvement - per HRG- in 2023 O&M 08.429.373							
2328	Belt filter press - per HRG							
	TowBro - Clarifiers							
2308	Generator installation - per HRG-*** applied for Small Water and Sewer grant							
	Aeration tank rehab/cooling - per HRG							
	Centrifugal Blower study - Phase A - per HRG - will be O&M (placeholder)							
	Aeration Blower and Probe Analyzer - Phase B - per HRG (done through O&M yearly) 08.429.379	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000		
	Positive Displacement Blower - per HRG	\$ 375,000						
	Pavement Improvement Project - per HRG (done through O&M yearly) 08.429.371	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Ammonia system upgrade							
	Digester conversion			\$ 6,600,000	\$ 6,600,000	\$ 6,600,000		
	UV System - potential							
	Blowers							
2322	IT/OT Network Separation - (split with WTP -not included with Townships)							
	<b>Total Wastewater Treatment Plant</b>	\$ 470,000	\$ 95,000	\$ 6,695,000	\$ 6,695,000	\$ 6,695,000	\$ 20,000	\$ 20,000
	60% Borough Portion	\$ 282,000	\$ 57,000	\$ 4,017,000	\$ 4,017,000	\$ 4,017,000	\$ 12,000	\$ 12,000
	<b>Sewer Collection System</b>							
2314	Domestic Water Meters (split with Water)		\$ 650,000			\$ 650,000		
1801	Sewer Line Replacement (2023) Design Only							
1801	Sewer Line Replacement (2023)		\$ 1,000,000		\$ 1,000,000		\$ 1,000,000	
	Sewer Interceptor study - Phase A - per HRG	\$ 350,000						
	Interceptor Rehab - Phase B - per HRG		\$ 1,740,000	\$ 1,740,000	\$ 1,740,000	\$ 1,740,000	\$ 1,740,000	\$ 1,740,000
	Total Collection Projects	\$ 350,000	\$ 3,390,000	\$ 1,740,000	\$ 2,740,000	\$ 2,390,000	\$ 2,740,000	\$ 1,740,000
	<b>Total Sewer Capital Projects</b>	\$ 820,000	\$ 3,485,000	\$ 8,435,000	\$ 9,435,000	\$ 9,085,000	\$ 2,760,000	\$ 1,760,000
	<b>Borough Only 60%</b>	\$ 632,000	\$ 3,447,000	\$ 5,757,000	\$ 6,757,000	\$ 6,407,000	\$ 2,752,000	\$ 1,752,000
<b>Assumptions/Observations</b>								
Operating reserve of 15% is maintained - for 2023 15% of \$9,464,502 budget								
Borough's portion of plant projects is 60% and Townships contribution is paid on a timely basis								

Pottstown Borough Authority								
Sewer Capital Plan								
Project #	Wastewater Treatment Plant Projects	2033	2034	2035	2036	2037	2038	
								\$ -
	Hypochlorite (Sodium hypochlorite vs chlorine gas conversion per HRG)							\$ 200,000
2326	Hydraulic Bypass - #2326							\$ 230,000
	Increase efficiencies of current drum thickener							\$ 250,000
2327	RAS Valve Replacement WWTP - per HRG							\$ 625,000
	Headworks Storage Improvement - per HRG- in 2023 O&M 08.429.373							\$ 100,000
2328	Belt filter press - per HRG							\$ 1,300,000
	TowBro - Clarifiers							\$ -
2308	Generator installation - per HRG-*** applied for Small Water and Sewer grant							\$ 500,000
	Aeration tank rehab/cooling - per HRG							\$ 790,000
	Centrifugal Blower study - Phase A - per HRG - will be O&M (placeholder)							\$ 27,000
	Aeration Blower and Probe Analyzer - Phase B - per HRG (done through O&M yearly) 08.429.379							\$ 600,000
	Positive Displacement Blower - per HRG							\$ 375,000
	Pavement Improvement Project - per HRG (done through O&M yearly) 08.429.371	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 320,000
	Ammonia system upgrade							\$ 2,000,000
	Digester conversion							\$ 19,800,000
	UV System - potential							\$ 2,500,000
	Blowers							\$ 300,000
2322	IT/OT Network Separation - (split with WTP -not included with Townships							\$ 72,059
	<b>Total Wastewater Treatment Plant</b>	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 29,989,059
	60% Borough Portion	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 17,993,436
	<b>Sewer Collection System</b>							
2314	Domestic Water Meters (split with Water)							\$ -
								\$ 150,000
1801	Sewer Line Replacement (2023) Design Only							\$ 6,000,000
1801	Sewer Line Replacement (2023)	\$ 1,000,000						\$ 350,000
	Sewer Interceptor study - Phase A - per HRG							\$ 12,180,000
	Interceptor Rehab - Phase B - per HRG	\$ 1,740,000						\$ -
	Total Collection Projects	\$ 2,740,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,680,000
	<b>Total Sewer Capital Projects</b>	\$ 2,760,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 48,669,059
	<b>Borough Only 60%</b>	\$ 2,752,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 36,673,436
<b>Assumptions/Observations</b>								
Operating reserve of 15% is maintained - for 2023 15% of \$9,464,502 budget								
Borough's portion of plant projects is 60% and Townships contribution is paid on a timely basis								