**Pottstown Borough Authority**
**5 Year Capital Plan - Sewer**
**2019 to 2024**

| Project # | Contract # | Wastewater Treatment Plant Projects | Share | Anticipated Inception | Anticipated Completion | Total Cost | Expended to Date 3/31/2019 | Projected 2019 | Projected 2020 | Projected 2021 | Projected 2022 | Projected 2023 | Projected 2024 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2280 | | High Flow Modifications- Upgrade Headworks/Replace Bar Screens (1) | All | 2018 | 2019 | $ 482,580 | $ 54,820 | | $ 427,760 | | | | | $ 482,580 |
| 2310 | 159 | Belt Dryer (2) (3) | All | 2017 | 2019 | $ 4,936,336 | $ 4,222,699 | $ 713,637 | | | | | | $ 4,936,336 |
| | | Hypochlorite - tentative (5) | | | | $ 100,000 | | | | | | | $ 100,000 | $ 100,000 |
| | | Clarifier - tentative (6) | | | | $ 5,000,000 | | | | | $ 500,000 | $ 2,500,000 | $ 2,000,000 | $ 5,000,000 |
| | | **Total Wastewater Treatment Plant** | | | | $ 10,518,916 | $ 4,277,519 | $ 713,637 | $ 427,760 | $ - | $ 500,000 | $ 2,500,000 | $ 2,100,000 | $ 10,518,916 |
| | | 60% Borough Portion --- | | | | $ 6,311,350 | $ 2,566,512 | $ 428,182 | $ 256,656 | $ - | $ 300,000 | $ 1,500,000 | $ 1,260,000 | $ 6,311,350 |
| | | **Sewer Collection System** | | | | | | | | | | | | |
| | | Sewer Line Replacement (2019) | PT | 2018 | 2019 | $ 750,000 | | $ 750,000 | | | | | | $ 750,000 |
| | | Sewer Line Replacement (2019) -Inspection | PT | 2019 | 2020 | $ 60,000 | | $ 60,000 | | | | | | $ 60,000 |
| | | Sewer Line Replacement (2021) | PT | 2020 | 2022 | $ 2,000,000 | | | $ 100,000 | $ 900,000 | $ 1,000,000 | | | $ 2,000,000 |
| | | Sewer Line Replacement (2021) -Inspection | PT | 2021 | 2022 | $ 60,000 | | | | $ 30,000 | $ 30,000 | | | $ 60,000 |
| | | Sewer Line Replacement (2023) Assume $2,000,000 - Design Only 2023 | PT | 2022 | 2023 | $ 150,000 | | | | | | $ 150,000 | | $ 150,000 |
| | | Sewer Line Replacement (2023) Assume $2,000,000 - start 2024 | | | | $ 1,000,000 | | | | | | | $ 1,000,000 | $ 1,000,000 |
| | | Total Collection Projects | All Borough | | | $ 4,020,000 | $ - | $ 810,000 | $ 100,000 | $ 930,000 | $ 1,030,000 | $ 150,000 | $ 1,000,000 | $ 4,020,000 |
| | | **Total Sewer Capital Projects** | | | | $ 14,538,916 | $ 4,277,519 | $ 1,523,637 | $ 527,760 | $ 930,000 | $ 1,530,000 | $ 2,650,000 | $ 3,100,000 | $ 14,538,916 |
| | | | | | | | | | | | | OVERALL Difference | | $ - |
| | | Borough Only 60% | | | | $ 10,331,350 | $ 2,566,512 | $ 1,238,182 | $ 356,656 | $ 930,000 | $ 1,330,000 | $ 1,650,000 | $ 2,260,000 | $ 10,331,350 |

| | Requested Purchased Capacity | Allocation % |
|---|---|---|
| LPT | 4.1000% | 65.16% |
| WPT | 1.6000% | 25.43% |
| UPT | 0.5921% | 9.41% |
| | 6.2921% | 100.00% |

OVERALL Difference

**Basis For Allocation of Pump Stations**

| | Mem Park | LPH |
|---|---|---|
| PT | 50% | 80% |
| WPT | 50% | |
| UPT | | 20% |

Notes

(1) High flow modifications had been $1,060,000 ($110,000 in 2018 and $950,000 in 2019). Project is now defined as upgrading the plant headworks-replace fine bar screens and estimated cost has been reduced to $482,580. A grant had been applied for but was not awarded. The project has been moved to start 2020.

(2) Reflects actual bids for belt dryer. Project increased from' $3.7 million to $4.9 million.

8/9/18 - Eastern AIA3 includes change orders of ($63,350) for VE. Project Total Cost was adjusted by this amount.

11/29/18 - Net Change Order #2 credit of ($18,347.90) divided ($6,989.68) Dec 2018 invoice and ($11,358.22) Jan/Feb 2019 invoice

(3) Original plan had a line item of $150,000 for (Screw Pumps) odor control for T6. These amounts were spread over three years ($50,000) in 2018, 2019 and 2020. They have been incorporated in the belt dryer project in 2018.

(5) Hypochlorite tentatively starting 2024-2025 timeframe

(6) Clarifier tentatively starting in late 2022 to last approximately 18 months.