



SEWAGE FREE STREETS AND RIVERS

Your Waterways, Your Neighborhood, Your Money, Your Voice

Perth Amboy and the Middlesex County Utilities Authority Long Term Control Plan Fact Sheet

What is at Stake

When it rains in Perth Amboy, the combined sewer system overflows into nearby waterways and localized flooding can have a combination of sewage and stormwater. This is known as a combined sewer overflow (CSO). The Middlesex County Utilities Authority is the sewer treatment plant that treats wastewater and stormwater from Perth Amboy. Perth Amboy is responsible for the sewer system. Perth Amboy and the Middlesex County Utilities Authority, two of 25 CSO permittees, have submitted a Long Term Control Plan (LTCP) proposing large water infrastructure projects to reduce and/or eliminate CSOs. As of October 2020, the plan is under review by the New Jersey Department of Environmental Protection (NJDEP) and will be finalized in 2021.

Each of the selected options will cost millions of dollars and impact neighborhoods for decades. Please use this fact sheet to assist in developing comments to submit to the New Jersey Department of Environmental Protection.

The Basics

Annual CSO Volume in Perth Amboy

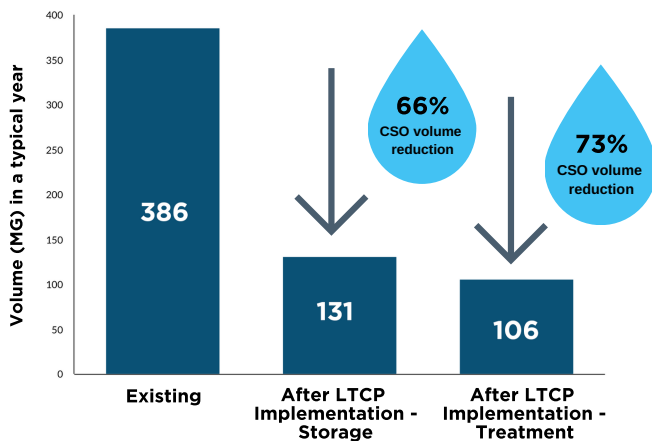


Figure 1. Annual CSO volume (million gallons) in Perth Amboy. In a typical year under existing conditions, Perth Amboy has an overflow volume of 386 million gallons. Under the storage option, the anticipated overflow volume after LTCP implementation is 131 million gallons, representing a volume reduction of 66%. Under the treatment option, the anticipated overflow volume after LTCP implementation is 106 million gallons, representing a volume reduction of 73%.

Perth Amboy Projects by Capital Cost

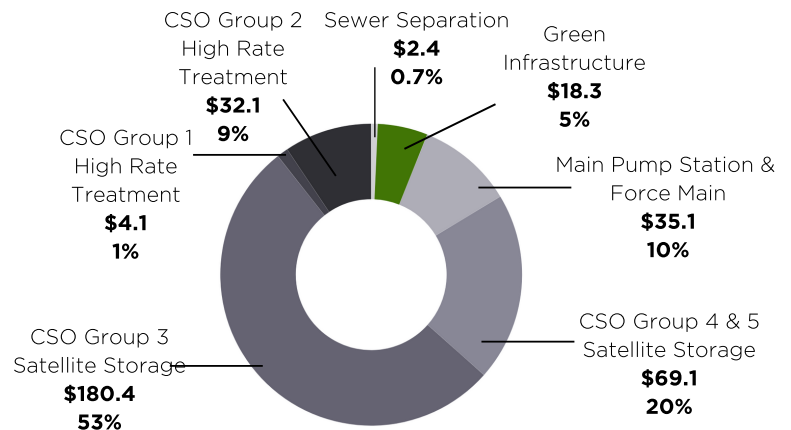
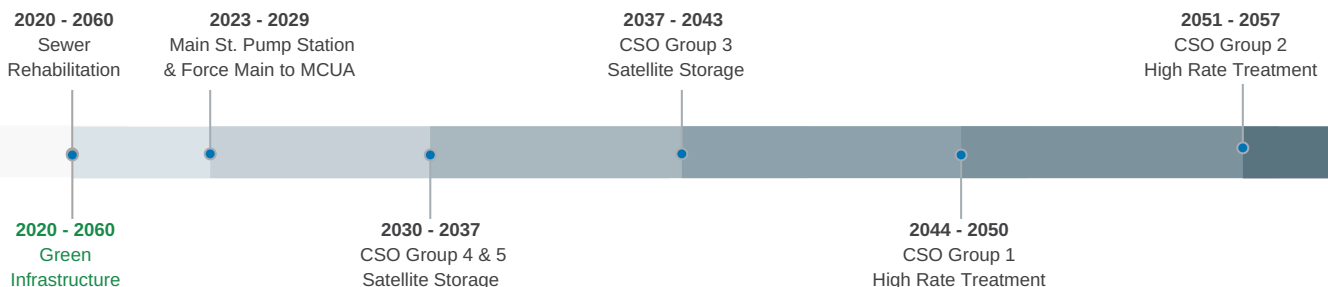


Figure 2. Perth Amboy plan projects by capital cost (\$ million), with relative percentages by cost. Collectively, the plan will cost \$341.5 million. Including 20-year present worth operations and maintenance costs, the plan will cost \$376.7 million. Refer to Table 2 in the appendix for a full list of projects and associated costs.

Project Timeline





Green Infrastructure

The plan calls for green infrastructure (GI) to be implemented on 46.8 acres or 10% of the directly connected impervious area within the city over 38 years. The first two years of the plan would be for the identification and design of GI.



Financing

The plan would be funded through proposed rate increases, bonds, and grants and loans from the NJ Infrastructure Bank.



Public Participation

The plan notes that the feedback received from Supplemental CSO Team meetings focused on clarifying the many aspects of the LTCP process and options discussed during the meetings, ensuring that the elements be functional and resilient, and resilient to impacts due to climate change, priority areas for green infrastructure, protecting the beach area as a sensitive area and its use for public bathing, and co-locating public amenities with CSO facilities to the greatest extent possible.



Environmental Justice Considerations

Environmental justice is not mentioned in the report.



Climate Change Considerations

Climate change is noted as a factor that could influence the implementation schedule.



How to Submit Comments

- Download and Review Long Term Control Plans at <https://www.nj.gov/dep/dwq/cso-ltcpsubmittals.htm>
- Comments on the LTCPs can be submitted to these NJDEP CSO Team Leaders.
Copy Susan Rosenwinkel
Susan.Rosenwinkel@dep.nj.gov, bureau chief of surface water permitting at NJDEP, and the relevant permittee contact.
- NJDEP will review comments through January 31, 2021.
- After submitting comments to NJDEP and your CSO permit holder, make sure to share your comments with your local officials, environmental commission, and planning/zoning boards.



Additional Information

- [City of Perth Amboy Sewer Utility webpage](#)
- Perth Amboy CSO contact: Middlesex Water Superintendent of Distribution/Collections Ken Miele, kmiele@middlesexwater.com
- [Long Term Control Plan submittals](#)
- [Jersey Water Works CSO Review page](#)

For more information, visit <https://sewagefreenj.org>

Appendix

Table 1. MCUA/Perth Amboy LTCP Basics - Outfalls, Overflows, and Total Costs

Outfalls	16
Annual overflow volume — existing conditions	386 MG
Annual overflow volume — after implementation	¹ 131 MG ² 106 MG
Percent overflow volume reduction	¹ 66% ² 73%
Percent capture after implementation, as reported in the plan (min. of 85% required)	¹ 85% ² 88%
Project costs	\$341.5 million

MG = million gallons

1 = storage option

2 = treatment option

Table 2. MCUA/Perth Amboy LTCP Project Costs and Implementation Schedule

Project	Capital Cost (\$ million)	Start Year	End Year
Sewer Rehabilitation	2.4	2020	2060
Green Infrastructure	18.3	2020	2060
Main Street Pumping Station Force Main to MCUA (20 MGD)	35.1	2023	2029
CSO Group 4 & 5 (0 overflows/year)	69.1	2030	2036
CSO Group 3 (0 overflows/year)	180.4	2037	2043
CSO Group 1 (20 overflows/year)	4.1	2044	2050
CSO Group 2 (20 overflows/year)	32.1	2051	2057
Total	341.5	38 years	

MGD = million gallons daily