



SEWAGE FREE STREETS AND RIVERS

Your Waterways, Your Neighborhood, Your Money, Your Voice

The City of Paterson Long Term Control Plan

What is at Stake

When it rains in Paterson, 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). Paterson, one of 25 CSO permittees, has 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.

Passaic Valley Sewerage Commission (PVSC) is the sewer treatment plant that treats the combination of sewage and stormwater from Paterson along with seven other communities with combined sewer systems in the region. Most of these communities have agreed to work on a regional Long Term Control Plan. They have six additional months to finalize the financing of the regional plan, but if they can not come up with an agreement they will revert to municipal-only plans. Many of the projects in the regional and municipal plans will remain the same. This fact sheet reflects the projects that would only be in a regional plan, the projects that would be the same in a regional and municipal plan, and the municipal-only projects. The financing for the regional plan has not been decided, so the financing options below reflect the cost of a municipal-only plan.

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

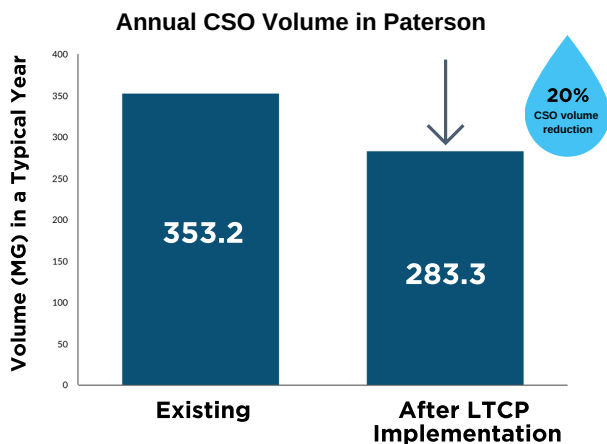


Figure 1. Annual CSO volume (million gallons) in Paterson. In a typical year under existing conditions, Paterson has an overflow volume of 353.2 million gallons. The anticipated overflow volume after LTCP implementation is 283.3 million gallons, representing a volume reduction of 20%.

Paterson Projects by Capital Cost

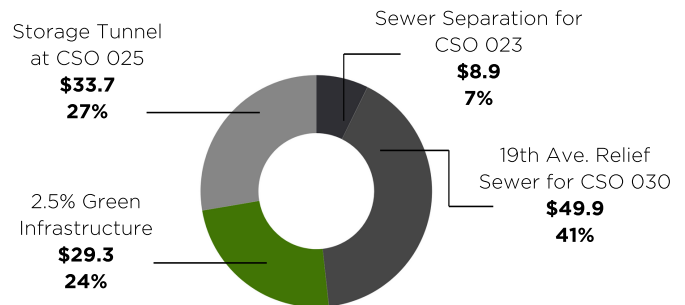
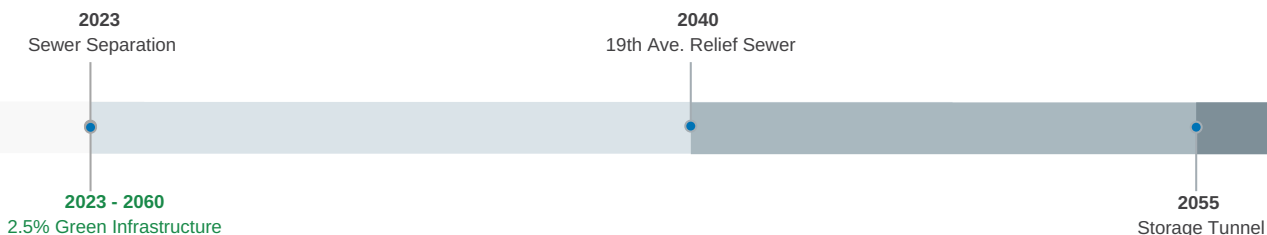


Figure 2. Paterson plan projects by capital cost (\$ million), with relative percentages by cost. Collectively, the Paterson plan will cost \$121.8 million. Including present worth operations and maintenance costs, the plan will cost \$126 million. Note that these costs are based on the individual municipal plan, as opposed to the PVSC regional plan. Refer to Table 2 in the appendix for a full list of Paterson projects and costs.

Project Timeline





Green Infrastructure

The plan includes 75 acres of green infrastructure, which would manage 2.5% of runoff from hard surfaces. A pilot study is proposed for 2021 and implementation would occur between 2023 and 2060.



Financing

The plan would be paid for by proposed rate increases. The financial capabilities assessment for Paterson concludes that the municipality will need scheduling flexibility and funding assistance to implement the projects to reduce sewage overflows. The proposed plan would be implemented by 2061.



Public Participation

Paterson participated in the regional Supplemental CSO Team meetings. Details on public outreach and meetings held in Paterson are not included in the report. The report notes that “public participation was maintained in Paterson throughout the development and selection processes, the public was eager to keep Green Infrastructure as a featured CSO control technology.”



Environmental Justice Considerations

Environmental justice is not mentioned in the report



Climate Change Considerations

There is no mention of climate change, sea level rise, or increased precipitation in the report.



How to Submit Comments

- Download and Review Long Term Control Plans at <https://www.nj.gov/dep/dwq/cso-ltcsupmittals.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

- [Clean Waterways, Healthy Neighborhoods website](#)
- Paterson CSO contact: PS&S Designer Jason Neff, jneff@psands.com
- [Long Term Control Plan submittals](#)
- [Jersey Water Works CSO Review page](#)

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

Appendix

Table 1. Paterson LTCP Basics - Outfalls, Overflows, and Total Costs

Outfalls	23
Annual overflow volume — existing conditions	353.2 MG
Annual overflow volume — after implementation	283.3 MG
Percent overflow volume reduction	20%
Percent capture after implementation, as reported in the plan (min. of 85% required)	85%
Project costs	\$121.8 million

*MG = million gallons

Table 2. Paterson LTCP Project Costs

Project	Capital Cost (\$ million)	Start Year
Sewer Separation (Outfall 023)	8.9	2023
2.5% Green Infrastructure	29.3	2023-2060
19th Ave. Relief Sewer (Outfall 030)	49.9	2040
Storage Tunnel (Outfall 025)	33.7	2055
Total	121.8	29 years