



SEWAGE FREE STREETS AND RIVERS

Your Waterways, Your Neighborhood, Your Money, Your Voice

Harrison Long Term Control Plan Fact Sheet

What is at Stake

When it rains in Harrison, 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). Harrison, one of 25 CSO permittees, 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 Harrison 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 as is the case with Harrison. 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

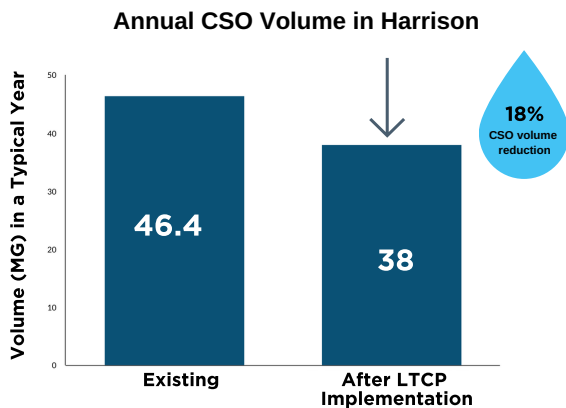


Figure 1. Annual CSO volume (million gallons) in Harrison. In a typical year under existing conditions, Harrison has an overflow volume of 46.4 million gallons. The anticipated overflow volume after LTCP implementation is 38 million gallons, representing a volume reduction of 18%.

Harrison Projects by Capital Cost

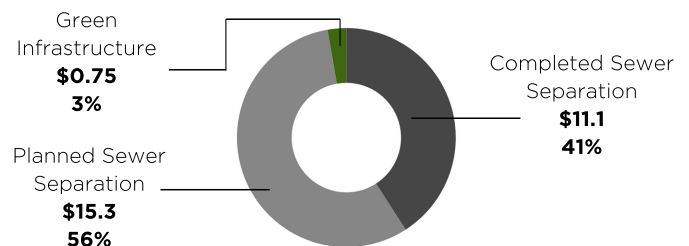


Figure 2. Harrison plan projects by capital cost (\$ million), with relative percentages by cost. Collectively, the Harrison plan will cost \$27.2 million. Including present worth operations and maintenance costs, the plan will cost \$27.6 million. Note that these costs are based on the individual municipal plan, as opposed to the PVSC regional plan. Refer to Table 2 in the appendix for a full list of Harrison projects and costs.

Project Timeline

2021 - 2030
Planned Sewer Separation

2032 - 2040
Green Infrastructure



Green Infrastructure (GI)

The plan includes a GI pilot program that would account for \$750,000 of the cost of the plan and will be implemented during the first 10 years of the plan.



Financing

The plan would be funded by rate increases, a 20-year loan from the I-Bank and annual revenue. The town may elect a longer loan period, such as a 30-year loan. The average sewer bill will experience annual estimated increases of up to 12.5% before dropping once the town stops assuming additional debt to finance the LTCP. The proposed plan would be implemented in 20 to 25 years.



Public Participation

Public outreach and engagement included Harrison TIDE (Transforming Infrastructure and Defending the Environment) meetings, presentations at town council meetings, and participation in regional Supplemental CSO Team meetings.



Environmental Justice Considerations

According to the report, environmental justice issues are not anticipated to be a problem because most of the projects involve sewer separation. According to the plan, most of the work is to be done in industrial areas that are under redevelopment, and the construction impact is expected to be minimal to residents.



Climate Change Considerations

The plan states that current information on climate change will be considered as projects are implemented and that projects could be modified based on this information.



How to Submit Comments

- Download and Review Long Term Control Plans at <https://www.nj.gov/dep/dwq/cso-ltccpsubmittals.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](#)
- Harrison CSO contact: Harrison Chief Engineer Rocco Russomanno,
rrussomanno@townofharrison.com
- [Long Term Control Plan submittals](#)
- [Jersey Water Works CSO Review page](#)

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

Appendix

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

Outfalls	6
Annual overflow volume — existing conditions	46.4 MG
Annual overflow volume — after implementation	38.0 MG
Percent overflow volume reduction	18%
Percent capture after implementation, as reported in the plan (min. of 85% required)	85%
Project costs	\$27.2 million

MG = million gallons

Table 2. Harrison LTCP Project Costs and Implementation Schedule

Project	Capital Cost (\$ million)	Start Year	End Year
Completed Sewer Separation	11.1	--	--
Planned Sewer Separation	15.3	2021	2030
Green Infrastructure	0.75	2032	2040
Total	27.2	20 years	