

LANSING CSO SUB-AREA 034C PROJECT

STATE PROGRAM: Michigan Department of Environment, Great Lakes, and Energy

ASSISTANCE RECIPIENT: City of Lansing

ASSISTANCE AMOUNT: \$8,877,827



PROJECT DESCRIPTION

The City of Lansing formed a partnership with the Lansing Board of Water and Light in order to implement a project that would reduce and control untreated sewage overflow into the Grand and Red Cedar Rivers and replace an aging water main located in the combined sewer overflow (CSO) project area. This project constructed approximately 14,605 linear feet of sanitary sewer to separate combined sewers and eliminate the overflows into the rivers and will help reduce the frequency of sewer backups into the basements of homes and residential businesses during severe storms. It is the 23rd CWSRF loan that the City of Lansing has received since 1992 to separate combined sewers in the service area. To date, the program has removed approximately 952 million gallons of sewage overflow annually to the Grand River and Cedar River from an area covering 5,000 acres that were tributary to the combined sewers. In addition, 23 of the original 41 CSO structures have been decommissioned. Thanks to the collaboration between the City of Lansing and the Lansing Board of Water and Light, they collaborated to combine resources into one project to separate sewers owned by the City and replace the water main owned by the Lansing Board of Water and Light. The total project cost was \$17,517,000. The City received a 20-year CWSRF loan to finance the CSO portion of the project, while the water main portion of the project was paid for by the Lansing Board of Water and Light.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2022-02/2021-pisces-compendium.pdf>.