

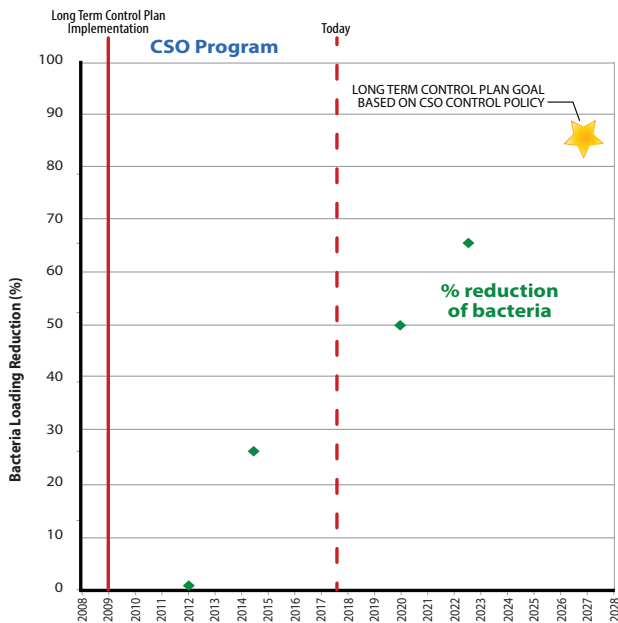
CSO Program Goals

Clean Solutions for Omaha (CSO!) is responsible for improving water quality in area rivers and streams by reducing combined sewage overflows. This is an unfunded federal mandate with three elements—**regulatory compliance**, **economic affordability**, and **community acceptance**.



Goal 1: Regulatory Compliance.

Since the inception of the CSO Program in 2009, computer models estimate that E. coli loading to the streams has been reduced by **26 percent**. The graph below indicates the corresponding CSO projects that provide bacteria reduction. The table identifies projects that provide the increase in the **% of reduction bacteria** (green points).



Selected Long Term Control Plan Projects	
Date	Projects Complete
2027	<ul style="list-style-type: none"> Deep Tunnel System with Retention Treatment Basin Sewer separation projects
2022	<ul style="list-style-type: none"> Saddle Creek Retention Treatment Basin Sewer separation projects
2020	<ul style="list-style-type: none"> Missouri River Wastewater Treatment Plant (MRWWTP) expansion South Interceptor Force Main (SIFM) replacement Leavenworth Lift Station replacement Burt-Izard Lift Station upgrade Riverview Lift Station replacement Sewer separation projects
2014	<ul style="list-style-type: none"> South Omaha Industrial Area (SOIA) Lift Station and corresponding MRWWTP Improvements Miller Park Improvements Adams Park Improvements Sewer separation projects
2012	<ul style="list-style-type: none"> Sewer separation projects



Goal 2: Economic Affordability.

In an effort to minimize costs to finance projects within the CSO Program, the City and CSO Program Management Team submitted a letter of interest to the EPA's Water Infrastructure Finance and Innovation Act (WIFIA) Program. This new EPA program provides low interest loans for eligible projects. The City was successful, and is one of twelve entities that were invited by the EPA WIFIA Program to submit a full application. The City is working with the EPA to address requirements and submit a full application, within one year.

Ratepayer Assistance

Ratepayer assistance is provided to low income households who qualify for the Low Income Home Energy Assistance Program (LIHEAP).

From January through July 2017,

over **\$746,287**
has been provided in assistance;
for a total of **\$6,203,140**

from inception (May 2011) through July 2017.

To report street flooding and sewer backups, call **402-444-5332**.

To see if you qualify for sewer use fee assistance call **402-341-0235** or to apply for Low Income Heat and Energy Assistance, call **402-595-1258**.

The CSO Program is a City of Omaha Public Works Initiative.

For More Information...

Visit the Program website: www.OmahaCSO.com

Email us: info@OmahaCSO.com

Call the CSO Program Hotline: **402-341-0235**



**Goal 3:
Community Acceptance.**

Participating in neighborhood meetings, sharing plans for CSO projects, providing information and solving rate assistance issues for stakeholders; these are among the community acceptance actions. A recent example of public involvement was the attendance of CSO representatives at the Hanscom Park Revitalization meeting. CSO provided an update to surrounding neighborhoods about the progress of the Program and how the Park is involved as part of the solution to the City’s water quality requirements. On August 4, Hanscom Park dedicated a new playground. The CSO Program brought displays and posters to share plans for CSO projects in the park.



A recent example of public involvement was CSO participation at the Hanscom Park Revitalization event.

Current Program Highlights and Issues*

- Construction work continues at the **South Interceptor Force Main North Segment**. The original tunnel boring machine will be removed from the rescue shaft in mid-August. The new tunnel boring machine completed excavation of August 5, and has been removed from the tunnel shaft. The Substantial Completion for this project is November 2017.
- Construction bid advertisement for two projects are expected in October—for the **Burt-Izard Lift Station** and the **Paxton Basin Upstream Sewer Separation**.
- **42nd and Q Construction** contract with Roloff Construction Company was approved by the City Council. Construction start is expected in spring 2018.
- **Saddle Creek Retention Treatment Basin** redesign work has restarted, with design concept verification effort this fall.
- Efforts continue on the **Deep Tunnel Project Definition**, with internal progress meetings and technical memorandums. This effort will verify concept, cost and schedule. Completion of the Project Definition is expected near the end of this year.
- A request for proposals for consultant design services for the **CSO 119 South Barrel Diversions and Sewer Separation Project** was issued August 18.
- Construction start on the **Missouri Avenue Spring Lake Phase 2 Sewer Separation Project** is anticipated in November 2017.
- Street resurfacing in the **49th and Caldwell** and **Adams Park** areas has been completed.
- MUD started water and gas relocations in advance of the **Lake James to Fontenelle Park Sewer Separation Project** that will start construction in 2018.
- MUD is completing gas relocations in the 42nd and Q area in advance of the sewer separation project that will start in spring 2018.
- Construction of a green infrastructure project in Albright Park as part of the **Gilmore Avenue Sewer Separation Project** will start in September 2017.

*Looking back and ahead approximately one month.

Program Status

This section provides current Program information.

PROJECT STATUS LIST

Project and Contract Progress Status Overview (Through June 2017)	Future Projects	Study & Design	Bid/ Construction	Complete	Total
Number of Long Term Control Plan Projects	27	10	5	19	61

PROGRAM DETAILS

The Combined Sewer Overflow (CSO) Program permit was modified in June 2017. The number of projects provided in the table reflects the updated information.

COMPANIES ENGAGED

Through December 2016, small and emerging businesses received over **\$32 million** in construction contracts and subcontracts. That represents **approximately 8%** of the total construction amount contracted through the City’s CSO Program.

