

City of Aurora, Illinois
 Combined Sewer Overflow Long Term Control Plan
 NPDES Permit No. IL0048518
 Progress Report No. 13
 Last Updated January 2023

Year(s)	Project Description	Remarks	Projected Capital Cost	Status	Expenditure to Date	Final Cost
GROUP 1 EARLY ACTION PROJECTS						
2011	LTCP Funding Mechanism	The LTCP as originally submitted called for the development of a Stormwater Utility to fund the LTCP costs. In lieu of a stormwater utility, a new LTCP fee was created to fund the proposed improvements.	\$500,000	Complete	\$ 396,000	\$ 396,000
2011-2012	CSO 25 - G24 and G25	Controls CSO 25 discharge to Indian Creek to a 1 year storm recurrence interval	\$1,690,000	Complete	\$ 1,199,125	\$ 1,199,125
2011-2021	CSO Diversion Structure Modifications	Allows better metering of overflows and reduces river water intrusion into the sewer system and WWTP.	\$5,000,000	Tideflex Valves installed at CSO's 8 & 3A. Reconstruction of CSO 10 diversion structure complete. CSO 25 Weir reconstruction	\$ 361,710	
2011-2022	Remote Metering and Telemetry	Allows early detection and remote monitoring of future overflows	\$1,000,000	In Progress. Remote telemetry in place for CSO 1	\$ 44,670	
2012-2014	Develop and Submit Use Attainability Analysis to IEPA	Required to seek revision to water quality standards for wet weather impacts	\$200,000	On hold pending discussions with IEPA		
2014-2017	Property Acquisition for CSO Storage/Treatment Facility	Property has been acquired	\$500,000	Complete (Note that costs for this item are the approximate fair market value of properties received in exchange for multiple City properties)	\$ 500,000	\$ 500,000
Sub-total Group 1 Early Actions Items			\$8,890,000		\$ 2,501,505	
GROUP 2 PROJECTS						
2012-2022	Sewer Separation	Partial sewer system separation which will be prioritized based upon basement backups; CSO discharges; street flooding and urban infill/redevelopment economic development opportunities. Due to these priorities, flexibility in implementing separation projects must be maintained	\$39,420,000	Sewer separation projects from LTCP have been completed. See Sewer Separation Schedule.	\$ 45,639,013	
2012-2022	Green Infrastructure	Green infrastructure will be implemented in conjunction with sewer separation; therefore flexibility in scheduling must be maintained. Aurora has preliminarily identified 34 sites for GI based upon known geological characteristics. These sites have been submitted to IEPA for possible funding through the IGIG Program.	\$3,534,000	Completed. Three Green Infrastructure Projects have been completed to date and nearly every Sewer Separation Project completed since 2012 included Infiltration Catch Basins. See Project Completion List.	\$ 3,692,980	
Sub-total Group 2 Projects			\$42,954,000		\$ 49,331,993	
GROUP 3 PROJECTS						
2022-2025	<u>CSO 001 Storage Facility:</u>					
		Special Waste Removal	\$1,389,000			
		Gravity Sewer G01	\$270,000			
		Diversion Structure	\$350,000			
		Screening for CSO 001 Basin Flows	\$10,910,000			
		Storage---It is expected that sewer separation and Green Infrastructure will greatly reduce the volume of stormwater entering the combined sewer system. Postponing this group of projects will allow for ground-truthing of the 2010 hydraulic model predictions utilizing 2018-2020 flow monitoring data.	\$12,250,000			
		Transfer Pump Station	\$4,650,000			
		Outfall gravity sewer	\$3,554,000			
2024-2026	CSO 001 Treatment Facility	Sizing of treatment units will also be based upon 2018-2020 flow monitoring data.	\$8,120,000			
Sub-total Group 3 Projects			\$41,493,000			
GROUP 4 PROJECTS						
2025-2028	<u>CSO 004 Pump Station/Force Main:</u>					
		Property Acquisition	\$25,000	Complete (Note that costs for this item are the approximate fair market value of properties received in exchange for multiple City properties)	\$ 25,000	\$ 25,000
		Wet Weather Pump Station PS004. Sizing to be based upon new flow monitoring data obtained in 2023-2025 to take advantage of sewer separation and GI.	\$8,980,000			
		Force Main P04,P03,P07, P02. Sizing to be based upon 2023-2025 flow monitoring data.	\$5,735,000			
2028-2030	Additional Storage at CSO 001 Facility	To accommodate flows from CSO 004 Basin	\$12,250,000			
Sub-total Group 4 Projects			\$26,990,000		\$25,000	
TOTAL PROJECTED CSO IMPLEMENTATION COSTS			\$120,327,000	TOTAL COSTS TO DATE	\$ 51,858,498	

City of Aurora LTCP Sewer Separation Schedule

Last Updated January 2023

Year	CSO Basins							Totals	Status	
	001	003A	004	005	008	010	015			022
2009			\$ 2,100,000				\$ 3,494,000		\$ 5,594,000	Complete
2010			\$ 245,488		\$ 6,842,000		\$ 2,714,000		\$ 9,801,488	Complete
2011										
2012	\$ 140,100		\$ 319,800						\$ 459,900	Complete
2013			\$ 389,000						\$ 389,000	Complete
2014			\$ 477,620					\$ 2,994,231	\$ 3,471,851	Complete
2015	\$ 1,113,218				\$ 4,489,000	\$ 2,393,148	\$ 1,300,000		\$ 9,295,366	Complete
2016	\$ 5,100	\$ 679,974	\$ 4,500		\$ 2,964,000		\$ 19,100		\$ 3,672,674	Complete
2017		\$ 84,302			\$ 4,096,505		\$ 807,700		\$ 4,988,507	Complete
2018					\$ 2,374,151		\$ 507,916		\$ 2,882,067	Complete
2019	\$ 1,673,991	\$ -	\$ 722,344				\$ 406,048		\$ 2,802,382	Complete
2020	\$ 646,797								\$ 646,797	Complete
2021	\$ 2,716,146		\$ 399,359						\$ 3,115,505	Complete
2022										
2023										
Totals	\$ 6,295,352	\$ 764,276	\$ 4,658,111	\$ -	\$ 20,765,656	\$ 2,393,148	\$ 9,248,764	\$ 2,994,231	\$ 47,119,537	

City of Aurora LTCP Completed Projects

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Sewer Separation Projects

Year	CSO Basin	Project Name	Project Cost	CBs Disconnected	Trib. Acre Removed
2009	004	North Avenue Sewer Separation Phase 2	\$ 2,100,000	47	45
2009	015	Basin 13 River St Subbasin	\$ 3,494,000	41	49
2010	004	South Avenue Storm Sewer	\$ 245,488	TBD	TBD
2010	008	Spring St Sub Basin, Fulton/Fenton/Smith	\$ 6,842,000	53	TBD
2010	015	Basin 13 Phases 2-3	\$ 2,714,000	63	59
2012	001	2012 Storm Sewer Extensions	\$ 140,100	7	7
2012	004	2012 Storm Sewer Extensions	\$ 319,800	17	34
2013	004	2013 Storm Sewer Extensions	\$ 389,000	16	17
2014	004	4th Street Storm Sewer - Marion to Evans	\$ 477,620	15	12
2014	022	Northeast Sewer Separation	\$ 2,994,231	79	87
2015	001	Charles-Harrison Storm Sewer	\$ 1,113,218	27	24
2015	008	New York St & Galena Blvd Sewer Separation	\$ 4,489,000	107	92
2015	010	Woodlawn, Prairie, Highland Storm Sewer	\$ 2,393,148	35	41
2015	015	Lake Street Sewer Separation	\$ 1,300,000	27	14
2016	003A	Illinois & Sheridan Sewer Separation	\$ 865,700	17	21
2017	015	W New York & Spruce - Highland to Blackhawk	\$ 776,400	28	24
2017	003A	Phoenix Court Storm Sewer Extension	\$ 84,302	1	2
2016-18	008	Galena Blvd & Downer Pl Sewer Separation	\$ 9,434,656	59	51
2018-19	015	New York-Wilder-Oak Sewer Separation	\$ 945,264	28	13
2019	004	Avon, S Lincoln, & Jackson Sewer Separation	\$ 722,344	12	13
2019	001	Commonwealth Avenue Sewer Separation	\$ 243,749	5	5
2019	001	South River Street Sewer Separation	\$ 187,766	3	5
2019	001	Garfield Avenue Sewer Separation	\$ 1,242,476	28	30
2020-21	001	W Downer Place Sewer Separation	\$ 2,183,843	38	75
2021	004	Jackson St & Benton St Sewer Separation	\$ 399,359	6	10
2021	001	Kensington & Marseillaise Sewer Separation	\$ 970,720	22	39
2021	001	Plum St Sewer Separation	\$ 208,830	5	3
Total to Date =			\$ 47,277,013	786	772
546 Infiltration Catch Basins @ \$3,000 each =			\$ 1,638,000		
Less Cost of Infiltration Catch Basins =			\$ 45,639,013		

Green Infrastructure Projects

Year	CSO Basin	Project Name	Project Cost
2010	008	McCarty Park Bio-Infiltration Facility	\$ 69,510
2012	004	East Side Rain Gardens	\$ 1,866,670
2015	001	Kensington and Russell Rain Gardens	\$ 118,800
Total to Date =			\$ 2,054,980
546 Infiltration Catch Basins @ \$3,000 each =			\$ 1,638,000
Plus Cost of Infiltration Catch Basins =			\$ 3,692,980

City of Aurora LTCP Projects Under Construction

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Sewer Separation Projects

Year	CSO Basin	Project Name	Project Cost

Total Spent to Date = \$ -