

Water & Sewer Authority of Cabarrus County
Capital Improvement Plan FY 26-27 and Five Years Planning (expressed in million dollars)
Projects With a Cost of \$1,000,000 or greater

Proj ID#	Project	Description	Driver		Project Total	Total By Funding Source	Spent on Project to Date	Projected for Remainder of Budget Year FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FY 30-31	FY 31-32
1	RRRWTP Remainder of Phase 3 to 30 MGD and Phase 4 to 34 MGD	Expansion to 30 MGD and 34 MGD	Capacity	a	\$ 175.907	\$ 32.273 \$ 102.190 \$ 30.147 \$ 11.296	\$ - \$ 92.920 \$ - \$ -	\$ 14.730 \$ 9.270	\$ 14.708	\$ 2.836				
2	Muddy Creek Expansion Progressive Design-Build	Expansion to .66 MGD	Capacity	a	\$ 21.320	\$ 10.835 \$ 10.485		\$ 2.132	\$ 8.703					
3	RRRWTP Modification to 36 MGD and Nutrient Removal Upgrades	Expansion from 34 MGD to 36 MGD and Nutrient Removal Facilities	Capacity / Regulatory	b	\$ 126.100	\$ 19.765 \$ 106.335		\$ 1.976	\$ 1.957 \$ 1.976	\$ 6.396 \$ 5.929	\$ 2.132 \$ 5.929	\$ 5.929	\$ 5.929	
4	RRRWTP Expansion to 45 MGD	Expansion from 36 MGD to 45 MGD	Capacity	c	\$ 359.500	\$ 359.500				\$ 17.975	\$ 35.950	\$ 89.875	\$ 89.875	\$ 89.875
5	Furnace Upgrades	New Quencher, Replace MCC-F, Upgrade Incinerator Controls and Burners, Replace Sodium Hydroxide Tanks	Condition / Regulatory	a	\$ 9.500	\$ 9.500			\$ 1.900	\$ 7.600				
6	Lower Rocky River Force Main Condition Assessment	Condition assessment of 25,300 ft. of 48-inch force main	Condition / Capacity		\$ 1.000	\$ 1.000			\$ 1.000					
7	RRRWTP Admin Building Expansion	Expansion of Admin Building for Additional Offices / Meeting Space	Capacity		\$ 1.500	\$ 1.500				\$ 1.500				
8	Lower Coddle Creek Parallel Interceptor	28,500 ft. of 36-inch and 48-inch beginning at the confluence of Coddle Creek and Rocky River	Capacity	d	\$ 31.770	\$ 31.770	\$ 13.537	\$ 9.000	\$ 9.233					
9	Rocky River Sewer Rehab - Highway 29 to Mecklenburg County Line	Inspection and rehab	Condition	d	\$ 5.580	\$ 5.580	\$ 0.403	\$ 1.553	\$ 3.624					
10	Back Creek Parallel Interceptor	7,900 ft. 36-inch to Hickory Ridge Road	Capacity	d	\$ 5.813	\$ 5.813	\$ 5.202	\$ 0.611						
11	Mt. Pleasant Force Main Upsizing	23,700 ft. 16-inch force main, existing WSACC pump stations to Highway 49	Capacity	a	\$ 10.495	\$ 10.495		\$ 0.393	\$ 0.393	\$ 4.855	\$ 4.854			
12	Wolf Meadow Branch Parallel Interceptor	2,500 ft. 24-inch sewer near upstream end of Wolf Meadow Branch, replace pipe under railroad tracks	Capacity		\$ 2.971	\$ 2.971		\$ 0.149	\$ 0.149	\$ 1.337	\$ 1.337			
13	ICV Kings Grant Interceptor Upsizing	Partial relocation and upsizing of existing 15-inch line north of Concord Mills Boulevard	Capacity / Condition		\$ 2.700	\$ 2.700		\$ 0.270	\$ 2.430					
14	Highland Creek 1 Parallel Interceptor	1,400 21-inch & 900 ft. 24-inch	Capacity		\$ 1.954	\$ 1.759 \$ 0.195			\$ 0.176 \$ 0.020	\$ 1.583 \$ 0.176				
15	Afton Run Parallel Interceptor	11,100 ft. 36-inch	Capacity		\$ 20.331	\$ 20.331		\$ 1.017	\$ 1.017	\$ 9.149	\$ 9.149			
16	Cold Water Creek Pump Station Upgrades	Upgrades to original mechanical components	Condition		\$ 1.000	\$ 1.000		\$ 0.150	\$ 0.850					
17	Rocky River Sewer Rehab - Highway 29 to Roberta Road	Inspection and rehab for 13,121 feet of existing 54", 6,290' of existing 48", and 6,342' of existing 30"	Condition		\$ 11.164	\$ 11.164				\$ 1.003	\$ 10.161			
18	Mt. Pleasant Pump Station 1 and 2 Expansion	Upgrade to 4.25 MGD Peak Capacity at both pump stations	Capacity		\$ 10.184	\$ 10.184						\$ 1.018	\$ 9.166	
19	Mt. Pleasant Manifolded Force Main Replacement	14,700 feet of 16-inch force main, Cold Springs Road to Cold Water Creek Interceptor	Capacity		\$ 6.776	\$ 6.776							\$ 0.339	\$ 0.339
							\$ 112.062	\$ 39.274	\$ 92.060	\$ 100.390	\$ 101.413	\$ 128.723	\$ 99.379	\$ 90.214
								Projected for Remainder of FY 26	\$ 39.274					
								Total for FY 27 - FY 32	\$ 612.180					

updated 2/6/26

(a) State grant appropriation FY 23-24

(b) Currently shown as Charlotte Water portion of estimated nutrient removal costs only. Charlotte Water may participate in capacity-related costs as well.

(c) RRRWWTP Expansion to 45 MGD is expected to have some Charlotte Water participation

(d) ARPA Funds

Proposed Funding Sources

System Development Fees SDF	\$ 35.624
Charlotte Water Funded	\$ 39.067
WSACC Reserve Funds and Interest	\$ 25.810
Proposed Debt Financed WSACC	\$ 429.885
State Grants	\$ 81.794
Total	\$ 612.180

Funding sources for projects are for planning purposes only. Actual funding sources for the projects are subject to change based on circumstances and availability. Some projects (and funding needs) projected to start in 6-year window shown above and remain in progress beyond 6-year window shown above.