

	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	CITY OF GREELEY - WATER & SEWER 10 YEAR CIP 2023-2032													<i>Revised June 22, 2022</i>
2	Project Count: 91 • Project new to CIP this year													
68	WATER RIGHTS ACQUISITION													
69		Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
70	Future Water Acquisition	Master Plan	Acquisition of 10,000 ac-ft. of agricultural water supplies	63,144,207	5,521,109	5,686,742	5,857,344	6,033,065	6,207,304	6,386,770	6,571,620	6,762,016	6,958,123	7,160,114
71	Life After Lawn	Master Plan	Program to pay water customers to replace bluegrass turf with Water Smart Landscape.	1,604,796	153,000	156,060	159,181	162,365	162,365	162,365	162,365	162,365	162,365	162,365
72	Non-tributary groundwater SLB Change Case	Master Plan	Water use court system change for non-tributary groundwater right in the Laramie Fox aquifer	1,300,000	1,000,000	200,000	100,000							
73	Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the Poudre Ponds complxes	1,010,000	1,010,000									
74	Water Supply and Storage Change Case	Master Plan	Water use court system change from irrigation to municipal use	200,000	100,000	100,000								
75	Overland Trail Gravel Pits	Master Plan	Greeley and Tri-Districts partnership for approximately 2,350 ac-ft. storage.	3,210,000	35,000	35,000	35,000	35,000	35,000	35,000	1,000,000	2,000,000		
76	SUB-TOTAL WATER RIGHTS ACQUISITION			70.5M	7.8M	6.2M	6.2M	6.2M	6.4M	6.6M	7.7M	8.9M	7.1M	7.3M
77														
78	WATER TOTAL			362.0M	31.8M	37.4M	47.3M	56.8M	33.7M	31.8M	39.0M	26.6M	23.3M	34.3M
79														
80	SEWER CONSTRUCTION													
81	Collection	Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
82	Sanitary Sewer Manholes & Taps	Operations	Manholes added for operation and maintenance benefits	690,000	69,000	69,000	69,000	69,000	69,000	69,000	69,000	69,000	69,000	69,000
83	N. Greeley Sewer Phase IIA	Master Plan	Provides service north of the Poudre River and along HWY 85	6,556,000	198,000	6,331,000	15,000	12,000						
84	Highland Hills 25th St Sewer Diversion	Master Plan	Divert flows from the existing 8" main in 25th St/Centerplace Dr. and 38th Ave.	1,127,000	195,000	932,000								
85	Treatment													
86	WTRF Primary Treatment Phase III	Master Plan	Increase total treatment capacity for loads and flows through the WTRF.	75,378,990							9,439,000	104,000	65,731,990	104,000
87	SUB-TOTAL SEWER CONSTRUCTION			83.8M	462.0K	7.3M	84.0K	81.0K	69.0K	69.0K	9.5M	173.0K	65.8M	173.0K
88														
89	SEWER CAPITAL REPLACEMENT													
90	Collection	Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
91	Trenchless Main and Collector Rehab	Maintenance	In pipe Cure-in-Place repair of sanitary system	4,200,000	420,000	420,000	420,000	420,000	420,000	420,000	420,000	420,000	420,000	420,000
92	Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line in 47th Avenue.	2,550,000			2,550,000							
93	WWC Internal Sewer System Rehabilitation	Maintenance	Repairs of sanitary sewer manholes and main lines by City's Collections department	1,665,000	180,000	165,000	165,000	165,000	165,000	165,000	165,000	165,000	165,000	165,000
94	Sewer Collection System Rehabilitation	Maintenance	Lines smaller than 6" identified for replacement and system rehab	800,000	160,000	160,000	160,000	160,000	160,000					
95	Wastewater Flow Monitoring Program	Maintenance	Install flow meters on trunk lines for flow monitoring	425,000	85,000	85,000	85,000	85,000	85,000					
96	8th Ave Sewer Storm MH Conflict	Maintenance	Replacement of two clay pipes over 70 years old that currently flow through a storm manhole.	651,000	66,000	140,000	445,000							
97	Highland Hills Bittersweet Sewer Capacity	Master Plan	Upsize approximately 2,300 feet of sewer main across 16th St through Bittersweet Park.	1,520,000		265,000		1,255,000						
98	Highland Hills 35th Ave Sewer Capacity	Master Plan	Upsize approximately 1,800 feet of sewer main in 35th Ave from 16th St to 19th St.	1,485,000		255,000	1,230,000							
99	Balsam Ave and LS9 Capacity Assessment	Master Plan	The Masterplan identified deficiencies in the Balsam Ave Trunk line and Lift Station 9.	120,000			120,000							
100	Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central's baseball field.	1,525,000				255,000	1,270,000					
101	North Poudre RR Sewer Phase I	Master Plan	Deficiency driven capital project identified in the 2020 sewer collection master plan.	7,120,000				1,000,000	6,120,000					
102	Lift Station 9	Master Plan	Growth driven capital project identified in the 2020 sewer collection master plan.	12,320,000				1,600,000	4,855,000	5,865,000				
103	•Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system due for 2027.	725,000					725,000					
104	•Sewer Service Line Grouting and Sealing		Grouting sanitary sewer service connections and laterals that connect to cip linings	275,000	275,000									
105	Treatment													
106	WTRF Generator Replacement	Regulatory	This project will provide a new backup generator for the Nitrification Phase 2 project.	3,780,000	3,780,000									
107	General Rehabilitation Projects	Maintenance	Small or unanticipated maintenance projects	9,180,940	656,000	974,050	1,012,753	917,140	1,057,247	912,750	912,750	912,750	912,750	912,750
108	WTRF Blower Replacement Phase 1B	Master Plan	Replaces one K-Turbo blower with a new Sulzer blower to match other recent upgrades.											
109	•WTRF Blower Replacement Phase 2	Master Plan	Replacing expiring and aged out blowers used for aerating process fluid	6,767,500				610,000	6,157,500					
110	Instrumentation & Controls - Wastewater	Operations	Maintains SCADA systems and control panels	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
111	WTRF Stream Temperature Assessment	Regulatory	Study effluent temperature issues for possible new regulations.	570,000	52,000	52,000	52,000	102,000	52,000	52,000	52,000	52,000	52,000	52,000
112	WTRF Primary Treatment-Phase II	Maintenance/MP	Repairs existing three primary clarifiers built in 1960's & 1980's and improves performance	43,651,650	370,000	43,201,650	80,000							
113	•WTRF Additional Cake Hopper	Master Plan	Construction and installation of an additional cake hopper.	2,364,000		2,364,000								
114	•WTRF Cake Pump Replacement	Master Plan	Replacement of the cake pump at WTRF	157,500			157,500							
115	•WTRF Secondary Clarifier Upgrades	Master Plan	Upgrades to secondary clarifier tanks.	4,475,000				365,000	4,110,000					
116	•WTRF Secondary Digersters Rehabilitation	Master Plan	Rehabilitation of secondary digesters.	2,591,000	145,000	351,000	2,095,000							
117	Studies & Others													
118	Utility Billing Replacement - Sewer	Operations	Replacement of existing City CIS software system	1,200,000	1,200,000									
119	Sewer Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	3,968,148	388,424	556,141	1,048,147	170,307	58,024	105,075	504,703	379,109	379,109	379,109
120	Wastewater Treatment Master Plan Update	Master Plan	WTRF Master Plan updates	1,465,000				715,000					750,000	
121	SUB-TOTAL SEWER CAPITAL REPLACEMENT			116.3M	7.9M	49.1M	9.7M	7.9M	25.3M	7.6M	2.1M	2.0M	2.8M	2.0M
122														
123	SEWER TOTAL			200.1M	8.3M	56.4M	9.8M	8.0M	25.4M	7.7M	11.6M	2.2M	68.6M	2.2M
124														
125	WATER AND SEWER COMBINED TOTAL			562.0M	40.1M	93.7M	57.1M	64.8M	59.1M	39.5M	50.7M	28.8M	91.9M	36.4M