

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033													Revised June 23, 2023	
2	Project Count: 114 • Project new to CIP this year														
3	WATER CONSTRUCTION														
4	Supply	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
5	Windy Gap Firming	Master Plan	Firms water rights for Greeley's Windy Gap units	515,000		515,000									
6	Terry Ranch Water Development	Master Plan	An aquifer supply & storage project for long term water storage needs	37,590,000	635,000	19,180,000	75,000	17,615,000	85,000						
7	Non-Potable Expansion Projects	Master Plan	Non-potable system conversions and infrastructure for new development	18,665,500	2,092,000	2,215,000	2,672,000	3,622,000	4,472,000	718,500	718,500	718,500	718,500	718,500	
8	Poudre Ponds - Pond C	Master Plan	Fill Pond C, grade and reseed site to get released from the DRMS mining permit	5,761,850	30,000	115,600	2,816,250	2,800,000							
9	Ogilvy and Lone Tree Bypass	Regulatory	Ogilvy ditch bypass structure.	968,000	968,000										
10	•Greeley West Non-Pot Pump Station Expansion	Master Plan	Pump station expansion at Greeley West Park to expand service around the park	3,036,000	3,036,000										
11	•Centennial Park Non-Pot Pump Station	Master Plan	Non-potable pump station to serve Centennial Park and surrounding properties	2,599,000			2,599,000								
12	Treatment														
13	Bellvue Residuals Gravity Thickener	Operations/MP	2nd residual gravity thickener for increased capacity & demand	8,107,000				1,260,000	6,847,000						
14	Bellvue 2mg Clear well	Operations/Reg.	Best practice is 10% of max daily production, need 4 mg and currently have 2mg	5,812,500	757,500	5,055,000									
15	Transmission & Distribution														
16	Waterline F St S and E of 47th Ave	Master Plan	Install 7000 feet of 12", 16" and 20" waterline	4,160,081			4,160,081								
17	Distribution Line Extension & Oversizing	Operations/MP	Development reimbursement for water line oversizing	1,643,100	161,280	161,280	163,300	165,320	165,320	165,320	165,320	165,320	165,320	165,320	
18	Water Taps	Operations	City installed taps for new development or removing compound taps	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	
19	New Construction Meters	Operations	City installed meters for new development (reimbursed)	450,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	
20	Non-Potable Waterline	Master Plan	Dependent on roadwork - install new non-potable line, 83rd Avenue alignment	22,539,552	10,000	10,000	1,728,500	7,984,495	12,806,557						
21	35th Ave Non-Potable Waterline Ph II	Const. Coord/MP	Phase 2 to install a 24" non-potable pipeline as part of the 35th Ave project	2,107,876			2,107,876								
22	O St Waterline Extension 23rd-25th	Master Plan	Install 16" Waterline along "O" Street between 23rd and 25th Avenues	812,820	812,820										
23	Bellvue Pipeline Gold Hill	Master Plan	Gold Hill segment will allow gravity service to Gold Hill.	22,065,000	5,488,000	8,232,000	8,305,000	40,000							
24	71st Ave. Equalizer Non-Potable Pump Station	Master Plan	Construct pump station and pipeline to 83rd Ave	6,669,102									350,000	6,319,102	
25	35th Avenue Water Line Extension	Master Plan	Water pipeline to be installed in advance of City and County roadway projects	2,932,100		115,000	2,817,100								
26	•Bulk Water Stations	Operations	Installation of three new bulk water stations to replace hydrant meters	375,000	375,000										
27	•Waterlines Extensions to O St.	Master Plan	Waterline extensions on 59th, 71st, 83rd, 95th Avenues to O Street	11,550,800		655,000	2,454,000	130,000	3,241,800	130,000	2,090,400	205,000	2,514,600	130,000	
28	•C Street Water Line Extension	Master Plan	Water line extension along C St from 66th Ave to 59th Ave	426,250			426,250								
29	•Zone 4 Additional 2MG Water Tower	Master Plan	2MG Water Tower adjacent of the existing Water Tower at Gold Hill	700,000										700,000	
30	•Fixed Network for Badger Meters	Master Plan	Fixed cellular network for Badger Meters	2,000,000								2,000,000			
31	SUB-TOTAL WATER CONSTRUCTION				162.2M	14.5M	36.4M	30.4M	33.7M	27.7M	1.1M	3.1M	3.2M	3.9M	8.2M
32	WIFIA Eligible				144.0M	11.2M	36.1M	27.1M	33.5M	27.5M	848.5K	2.8M	923.5K	3.2M	848.5K
33															
34	WATER CAPITAL REPLACEMENT														
35	Supply	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
36	Milton Seaman Outlet Works	Operations/Reg.	Replacement of Milton Seaman reservoir outlet gates	5,816,900	54,000	225,000	5,537,900								
37	Non-Potable Replacement and Rehabilitation	Maintenance	Maintenance and expansion of Greeley's existing non-potable irrigation system	5,793,400	504,100	702,000	490,100	513,500	537,000	560,800	584,800	609,100	633,600	658,400	
38	Risk & Resiliency Projects	Master Plan	Risk mitigation projects per the 2020 Risk & Resiliency Assessment	1,720,000	802,500	637,500	280,000								
39	Ancillary system Improvements	Maintenance	Irrigation ditch system assessments and City maintenance	590,000	50,000	52,000	54,000	56,000	58,000	60,000	62,000	64,000	66,000	68,000	
40	Bellvue Intake Maintenance Project Phase 2	Maintenance	Repair damages to Bellvue raw water intake structure	8,375,000				8,255,000	120,000						
41	Suburban Ditch (Reservoir Rd) Line Replacement	Maintenance	Replace a 1961 irrigation line due to deterioration	420,000	420,000										
42	Lake Loveland Tower Cover	Maintenance	Replace one fiberglass cover over the Lake Loveland intake tower	270,000			270,000								
43	SCADA - High Mountain Reservoirs	Maintenance/Reg.	Upgrade SCADA for High Mountain Reservoirs to meet upgraded regulations	269,200	131,200	138,000									
44	Non-Potable Water Master Plan Update	Master Plan	Master Plan for non-potable systems	325,000		325,000									
45	•North Boomerang Non-Pot Pump Station Replacement	Master Plan	Pump station for North 9 at Boomerang GC, total replacement and upsizing	3,935,000	300,000	3,635,000									
46	•Non-Potable Pump Station Replacement	Master Plan	Replacing pump stations that have reached the end of their useful life	5,187,850	2,504,850	0	1,744,000	402,000	537,000						
47	•Cottonwood Park Non-Potable Pond Lining	Operations	Install plastic pond liner within Cottonwood Pond	1,532,200										1,532,200	
48	Treatment														
49	Boyd Process Improvements	Maintenance	Improvements to the treatment infrastructure at the Boyd Lake plant	23,100,000			100,000							23,000,000	
50	Boyd Sedimentation Basin Repair	Maintenance	Repair concrete erosion within the sedimentation basins	900,000			900,000								
51	Bellvue WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	6,315,000	625,000	560,000	615,000	645,000	645,000	645,000	645,000	645,000	645,000	645,000	
52	Boyd WTP General Rehab	Maintenance	General maintenance projects or unanticipated rehab	4,900,000	525,000	495,000	580,000	450,000	475,000	475,000	475,000	475,000	475,000	475,000	
53	Water Treatment Plants Master Plan	Master Plan	Master plan for planning project needs for the City's two water plants	790,000	790,000										
54	Boyd Pump Station Intake Valve	Maintenance	Replace a non functional intake valve at the Boyd Lake pump station	520,000			520,000								
55	Bellvue 20 MGD Treatment Trains-Ph. 2	Maintenance/MP	20 MGD replacement of the flocculation/sedimentation and 58/64 filters (TB2)	4,410,000										4,410,000	
56	•Bellvue Filter Media Replacement	Maintenance	Filter media analyzed for remaining absorption, and if necessary replaced	3,090,000		290,000	2,800,000								
57	•Bellvue Flocculator / Sedimentation Building Rehab	Maintenance	Upgrades for Bellvue buildings to repair and reduce corrosion on components	1,287,500	300,000	543,750	443,750								
58	•Bellvue Switchgear Replacement	Maintenance	Bellvue switchgear replacement	720,000	250,000	170,000	300,000								
59	Boyd Micro strainer Building Remodel	Maintenance	Remodel Micro strainer building for current building code and expand space	2,020,000						1,135,000	885,000				
60	Transmission & Distribution														
61	Transmission System Rehab.	Maintenance	Replacement and rehabilitation of transmission lines	10,460,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	1,046,000	
62	SCADA Master Plan v2	Master Plan	SCADA planning for vulnerabilities to cyberattack, requirement by EPA	150,000	150,000										
63	Distribution Pipeline Replacements	Maintenance	Replaces lines based on leak history or increase size	21,153,000	2,400,000	2,324,000	2,134,000	1,719,000	2,096,000	2,096,000	2,096,000	2,096,000	2,096,000	2,096,000	
64	Advanced Metering Infrastructure (AMI)	Operations	AMI to facilitate water savings and improve customer communication	1,570,000	785,000	785,000									
65	Treated Water Reservoir Rehabilitation	Maintenance	Maintenance and minor repairs to the treated water reservoirs	3,318,000	574,500	435,500	279,500	207,500	873,500	189,500	189,500	189,500	189,500	189,500	
66	Water Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	9,718,133	912,207	1,799,479	1,870,836	1,980,727	1,116,898	497,674	589,630	433,002	151,599	366,081	
67	Utility Billing Replacement - Water	Operations	Replacement of existing City CIS software system	5,250,000	5,250,000										
68	Instrumentation & Controls - Water	Operations	Maintains SCADA systems and control panels	1,960,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	196,000	
69	Meter Replacement	Maintenance	Replace meters that become inaccurate or failing	1,000,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
70	Valve Replacement	Maintenance	Replaces failed valves on system with over 12,000 valves	2,336,400	176,400	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000	
71	Fire Hydrant Replacement	Maintenance	Replace hydrants that do not meet current city standards	3,635,000	215,000	240,000	300,000	360,000	420,000	420,000	420,000	420,000	420,000	420,000	
72	Distribution System Model & Master Plan Update	Master Plan	Study to determine needed water distribution system improvements	900,000		290,000	610,000								
73	W&S Facilities Program	Operations	Site will be developed to house W&S operational crews & equipment	19,425,000	775,000	16,420,000	2,165,000	65,000							
74	Transmission Customers Re-Route	Operations	Existing transmission line customers moved to other water providers	2,500,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	
75	23rd Ave Reservoir Replacement	Maintenance	Recreated water reservoir at 23rd Ave to replace reservoirs taken out of service	16,480,000	3,510,000	10,000							415,000	12,545,000	
76	•Mosier Reservoir Rehab and Optimization	Master Plan	Design and construction based on optimization study completed in 2023	8,800,000	675,000	8,075,000	25,000	25,000							
77	•9th and 10th Street Waterline Replacement	Master Plan	Install 8" waterline to replace the existing 4" on 9th and 10th Streets	3,555,000	150,000	1,702,500	1,702,500								

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1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033													<i>Revised June 23, 2023</i>
2	Project Count: 114 • Project new to CIP this year													
78	•Island Grove Park Waterline Replacement	Master Plan	Install 16" waterline to replace existing 8" on D Street from 11th to 14th Ave	1,901,520	133,000	138,000	1,630,520							
79	•Transmission System Corrosion Protection	Maintenance	Repair and enhance the cathodic protection system in the transmission system	2,555,200	582,300	642,900	360,000	360,000	360,000	50,000	50,000	50,000	50,000	50,000
80	•Zone 4 Electrical Upgrade	Maintenance	Existing Zone 4 electrical system is at end of life and needs to be replaced	655,000	305,000		350,000							
81	•Transmission Line Replacement - Bellvue #1 and #2 - Schneider Farm	Operations	Relocation/Replace the Bellvue transmission lines #1 and #2	1,776,200	1,681,200	95,000								
82	•Transmission Line Replacement - Bellvue #1 and #2 - Cache Segment	Operations	Transmission line realignment: 4th Street and 89th Ave to the Poudre River	9,037,150	380,000	3,997,900	140,000	4,404,250	115,000					
83	•8th Avenue Waterline Replacement	Master Plan	Install new 8-12" waterline to replace the existing 4-12" mainline on 8th Ave	2,951,200		113,200	946,000	946,000	946,000					
84	Lead Service Line Replacement	Regulatory	Replacement of lead and galvanized service lines from meter to house	16,571,520	8,116,800	8,454,720								
85	SUB-TOTAL WATER CAPITAL REPLACEMENT			229.9M	35.6M	55.1M	29.0M	22.2M	10.1M	8.0M	7.8M	6.8M	7.0M	48.3M
86	WIFIA Eligible			142.7M	25.1M	47.3M	19.8M	7.8M	2.5M	1.7M	1.5M	483.0K	616.6K	36.0M
87														
88	WATER RIGHTS ACQUISITION													
89		Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
90	Future Water Acquisition	Master Plan	Acquisition of additional water supplies for future use	78,600,000	6,500,000	6,800,000	7,100,000	7,400,000	7,700,000	8,000,000	8,300,000	8,600,000	8,900,000	9,300,000
91	Life After Lawn	Master Plan	Program to replace bluegrass turf with water smart landscaping	1,693,700	182,000	160,200	163,500	166,800	170,200	170,200	170,200	170,200	170,200	170,200
92	Non-tributary groundwater SLB Change Case	Master Plan	Change case for non-tributary groundwater right in the Laramie aquifer	5,050,000	4,900,000	50,000	100,000							
93	Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the Poudre Ponds complex	426,000	101,000	194,000	131,000							
94	Water Supply and Storage Change Case	Master Plan	Change case to convert water rights from irrigation to municipal use	100,000	100,000									
95	•Water Resources Database Build	Maintenance	Construction of a database to use for Water Rights tracking and valuation	136,800	136,800									
96	•Integrated Water Resources Plan Update	Master Plan	Periodic update to the 2023 Integrated Water Resource Plan	300,000					300,000					
97	•NISP Response and Management	Maintenance	Greeley response to Northern Integrated Supply Project (NISP)	500,000	500,000									
98	•Big Thompson Source Water Assessment and Protection Plan	Maintenance	Multi-year collaborative effort to protect Greeley's Big Thompson watershed	168,000	160,000				8,000					
99	•Poudre Basin Model Update	Master Plan	Update of the PBM for simulated water supply infrastructure and operations	200,000				200,000						
100	•Retiming Storage Investigation	Master Plan	Investigation of effects of retiming storage in the Poudre River watershed	250,000	250,000									
101	•Interruptible Supply/ATM	Master Plan	Planning for interruptible supply project	3,220,000	775,000	895,000	775,000	775,000						
102	Overland Trail Gravel Pits	Master Plan	Greeley and Tri-Districts partnership for approximately 2,350 ac-ft. storage	3,175,000	35,000	35,000	35,000	35,000	35,000	1,000,000	2,000,000			
103	SUB-TOTAL WATER RIGHTS ACQUISITION			93.8M	13.6M	8.1M	8.3M	8.6M	8.2M	9.2M	10.5M	8.8M	9.1M	9.5M
104	WIFIA Eligible			13.5M	7.0M	1.2M	1.0M	1.0M	343.0K	1.0M	2.0M	0.0K	0.0K	0.0K
105														
106	WATER TOTAL			486.0M	63.7M	99.6M	67.7M	64.5M	46.1M	18.3M	21.4M	18.8M	19.9M	65.9M

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1	CITY OF GREELEY - WATER & SEWER 10-YEAR CIP 2024-2033													<i>Revised June 23, 2023</i>
2	Project Count: 114 • Project new to CIP this year													
107														
108	SEWER CONSTRUCTION													
109	Collection	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
110	Sanitary Sewer Manholes & Taps	Operations	Manholes added for operation and maintenance benefits	790,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000	79,000
111	N. Greeley Sewer Phase IIA	Master Plan	Provides service north of the Poudre River and along HWY 85	7,144,500	7,117,500	15,000	12,000	0	0					
112	Collection Line Extension and Oversizing	Operations	Expansion of the wastewater collection system for its long term growth region	650,000	340,000			310,000						
113	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					
114	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								
115	•Lift Station 9 Flow Diversion	Master Plan	Construction of 11,200 LF of 21" gravity sewer main from current LS9 to east and north	8,950,000			120,000	1,015,000	7,815,000					
116	Treatment													
117	WTRF Capacity Expansion	Master Plan	Increase total treatment capacity for loads and flows through the WTRF.	0										
118	SUB-TOTAL SEWER CONSTRUCTION			30.0M	7.5M	214.0K	1.8M	6.3M	13.8M	79.0K	79.0K	79.0K	79.0K	79.0K
119														
120	SEWER CAPITAL REPLACEMENT													
121	Collection	Driver	Description	2024 to 2033	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
122	Trenchless Main and Collector Rehab	Maintenance	Cured in place pipe repair of sanitary system	5,960,000	580,000	420,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000	620,000
123	Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line in 47th Ave	2,550,000		2,550,000								
124	Sewer Collection System Rehabilitation	Maintenance	Lines smaller than 6" identified for replacement and system rehab	4,135,000	660,000	475,000	495,000	555,000	325,000	325,000	325,000	325,000	325,000	325,000
125	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					
126	8th Ave Sewer Storm MH Conflict	Maintenance	Replacement of two pipes currently flow through a storm manhole	585,000	140,000	445,000								
127	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	0	1,255,000							
128	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								
129	Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central's baseball field	1,525,000			255,000	1,270,000						
130	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						
131	Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system due for 2027	750,000				750,000						
132	•Lift Station 15 (Hope Springs) Replacement	Master Plan	Construction of a Sewer Lift Station to replace #15 for Hope Springs development	929,500	929,500									
133	Treatment													
134	General Rehabilitation Projects	Maintenance	Small or unanticipated maintenance projects	4,737,000	506,000	621,000	618,000	766,000	436,000	401,000	426,000	386,000	256,000	321,000
135	WTRF Blower Replacement Phase 2	Master Plan	Replacing expiring and aged out blowers used for aerating process fluid	7,800,000					900,000	6,900,000				
136	Instrumentation & Controls - Wastewater	Operations	Maintains SCADA systems and control panels	2,178,000	217,800	217,800	217,800	217,800	217,800	217,800	217,800	217,800	217,800	217,800
137	WTRF Stream Temperature Assessment	Regulatory	Study effluent temperature issues for possible new regulations	600,000	55,000	55,000	105,000	55,000	55,000	55,000	55,000	55,000	55,000	55,000
138	WTRF Primary Treatment-Phase II	Maintenance/MP	Repairs existing three primary clarifiers built in 1960's & 1980's and improves performance	43,281,650	43,201,650	80,000								
139	•WTRF Additional Cake Hopper	Master Plan	Construction and installation of an additional cake hopper	2,642,140	2,642,140									
140	•WTRF Secondary Clarifier Upgrades	Master Plan	Upgrades to secondary clarifier tanks	12,110,920			717,420	5,658,300	5,735,200					
141	WTRF Secondary Digersters Rehabilitation	Master Plan	Rehabilitation of secondary digesters	2,551,000		381,000	2,170,000							
142	•WTRF Regulation 31 Improvements	Master Plan	Rehab projects needed to meet regulation 31 updates to the treatment process	65,754,000									7,375,000	58,379,000
143	Studies & Others													
144	Utility Billing Replacement - Sewer	Operations	Replacement of existing City CIS software system	2,000,000	2,000,000									
145	Sewer Capital Outlay Replacement	Maintenance	Replacement of rolling stock: trucks, loaders, etc.	3,290,642	974,670	843,115	285,828	128,926	170,876	504,703	95,631	95,631	95,631	95,631
146	Wastewater Treatment Master Plan Update	Master Plan	WTRF Master Plan updates	1,803,600			973,000	80,600				750,000		
147	SUB-TOTAL SEWER CAPITAL REPLACEMENT			175.7M	52.5M	7.4M	8.8M	16.3M	8.5M	9.0M	1.7M	2.4M	8.9M	60.0M
148														
149	SEWER TOTAL			205.7M	60.0M	7.6M	10.6M	22.6M	22.3M	9.1M	1.8M	2.5M	9.0M	60.1M
150														
151	WATER AND SEWER COMBINED TOTAL			691.7M	123.8M	107.3M	78.3M	87.1M	68.4M	27.4M	23.2M	21.3M	28.9M	126.0M