B C D D E F G H I J K L M N O

CITY OF GREELEY - WATER & SEWER 10 YEAR CIP 2023-2032
Project Count: 91 • Project new to CIP this year

roject Count: 91 • Project new to CIP th	is year												
VATER CONSTRUCTION													
Supply	Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	203
Windy Gap Firming	Master Plan	Firms water rights for Greeley's Windy Gap units.	1,030,000	515,000	1	515,000	1	1	1			1	
Ferry Ranch Water Development	Master Plan	A aquifer supply & storage project for long term water storage needs-2022 ongoing project	_,,,,,,,,,	313,000		313,000							
Non-Potable Expansion Projects	Master Plan	Funds non-potable system conversions and np infrastrucutre to serve new development.	28,302,000	3,830,000	2,771,000	2,709,000	2,268,000	3,538,000	3,538,000	3,109,000	3,109,000	3,109,000	321,000
Poudre Ponds Pond C	Master Plan	Fill Pond C, grade the site and reseed the area to get released from the DRMS mining permit.	4,633,540		, , , , , ,	203,140	4,430,400	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,	, , , , , , , , , , , , , , , , , , , ,	-,,	.,,	, , , , ,
Ogilvy Bypass Structure	Regulatory	Bypass to measure flow to Ogilvy ditch headgate.	200,000	200,000									
Treatment													
Bellvue Residuals Gravity Thickener	Operations/MP	2nd residual gravity thickener for increased capacity & demand.	8,107,000			1		1,260,000	6,847,000		1	1	1
Bellvue 2mg Clear well	Operations/Reg.	Best practice is 10% of max daily production, need 4 mg and currently have 2mg.	6,562,500	750,000	757,500	5,055,000		1,200,000	0,847,000				
Transmission & Distribution	Орегасіонзу нев.	best practice is 10% of max daily production, need 4 mg and currently have 2mg.	0,302,300	730,000	737,300	3,033,000		L	1			1	
O ST and 59th Roundabout Waterline		Install two new 20" waterlines prior to construction of the new roundabout intersection	1,108,374	1,108,374		1		T	1		l	1	
Waterline F St S and E of 47th Ave	Master Plan	Install 7000 feet of 12", 16" and 20" Waterline.	4,750,081	590,000	4,160,081								
Distribution Line Extension & Oversizing	Operations/MP	Development reimbursement for water line oversizing.	1,631,990	154,210	161,280	161,280	163,300	165,320	165,320	165,320	165,320	165,320	165,3
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	75,00
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	45,00
Non-Potable Waterline	Master Plan	Dependent on roadwork - install new non-potable line, 83rd Avenue alignment.	15,692,633	,	10,000	,,,,,,,	1,727,007	,	7,247,813	6,717,813	,	10,000	,
35th Ave Non-Potable Waterline Ph II	Const. Coord/MP	Phase two to install a 30-36" non-pot pipe as part of the 35th Ave Widening by Public Works.	2,007,501		2,007,501		, ,		, ,,,	, ,===			
35th Avenue Water Line Extension Ph II	Const. Coord	Waterline to be installed in advance of City and County roadway projects along 35th Ave.	2,932,100		115,000	2,817,100							
O St Waterline Extension 23rd-25th	Master Plan	Install 16" Waterline along "O" Street between 23rd and 25th Avenues	812,820		125,000	687,820							
Bellvue Pipeline Gold Hill	Master Plan	Gold Hill segment will allow gravity service to Gold Hill.	20,855,000	85,000	5,166,000	7,749,000	7,815,000	40,000					
EFI Pump Station Installation	Operations	Install self-contained pre-fab water pump station to provide additional flow and pressure.	65,000	65,000			, , ,	,					
71st - 83rd Pump Station and Pipeline	Master Plan	Construct pump station and pipeline to 83rd Ave, part of the lower equalizer project.	13,487,100							1,159,300	6,454,650	5,873,150	
		SUB-TOTAL WATER CONSTRUCTION	113.4M	7.4M	15.4M	20.0M	16.5M	5.1M	17.9M	11.3M	9.8M	9.3M	60
ATER CAPITAL REPLACEMENT	NT Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Supply Milton Seaman Outlet Works	Operations/Reg.	Replacement of Milton Seaman reservoir outlet gates.	5,525,600	2023	225,000	5,300,600	2026	2027	2028	2029	2030	2031	
Non-Potable Replacement and Rehabilitation	Maintenance	Maintenance and expansion of Greeley's existing non-potable irrigation system.	5,914,000	1,160,000	536,000	2,188,000	270,000	285,000	295,000	295,000	295,000	295,000	295,
Risk & Resiliency Projects	Master Plan	Risk mitigation projects per the 2020 Risk & Resiliency Assessment.	990,200	315,200	164,500	335,000	175,500	283,000	293,000	293,000	233,000	293,000	233,
Ancillary system Improvements	Maintenance	Irrigation ditch system assessments and City maintenance.	500,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,0
Bellvue Intake Maintenance Project Phase 2	Maintenance	Repair damages to Bellvue raw water intake structure.	8,375,000	30,000	30,000	30,000	30,000	8,255,000	120,000	30,000	30,000	30,000	30,0
Suburban Ditch (Reservoir Rd) Line Replacement	Maintenance	Replace a 1961 irrigation line due to deterioration.	4,123,611	1,295,420	1,373,005	1,455,186		0,233,000	120,000				
Boyd Freeman Ditch Improvements	Operations	Repair Inverted syphon on the Boyd Freeman Ditch	1,944,000	=,===, :==	918,000	482,000	544.000						
Lake Loveland Tower Cover	Maintenance	Replace one fiberglass cover over the Lake Loveland intake tower.	270,000	ł	,	11-,111	- /						
SCADA - High Mountain Reservoirs		. Upgrade SCADA for High Mountain Reservoirs to meet upgraded regulations.					270,000						
-	Maintenance/Re _k		393,200	124,000	131,200	138,000	270,000						
Peterson Reservoir Spillway Abutment Repair			,	124,000	131,200 200,500	138,000	270,000						
Peterson Reservoir Spillway Abutment Repair Non-Potable Water Master Plan Update	Regulatory Master Plan	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems.	393,200	124,000		138,000 325,000	270,000						
. ,	Regulatory	Repair deteriorating abutments as required by State Engineer.	393,200 200,500	124,000			270,000						
Non-Potable Water Master Plan Update	Regulatory	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems.	393,200 200,500	124,000			270,000	4,625,000	50,000	12,400,000			
Non-Potable Water Master Plan Update Treatment	Regulatory Master Plan	Repair deteriorating abutments as required by State Engineer.	393,200 200,500 325,000	124,000			270,000	4,625,000	50,000	12,400,000			
Non-Potable Water Master Plan Update Treatment Boyd Process Improvements	Regulatory Master Plan Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant.	393,200 200,500 325,000 17,075,000	124,000				4,625,000	50,000	12,400,000			
Non-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement	Regulatory Master Plan Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins	393,200 200,500 325,000 17,075,000	124,000				4,625,000	50,000	12,400,000	490,000	490,000	4900
Non-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000		200,500 460,000 525,000	325,000	900,000				490,000 475,000	490,000 475,000	
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000	500,000	200,500	325,000 475,000	900,000	490,000	490,000	490,000	-	·	
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000	500,000	200,500 460,000 525,000	325,000 475,000	900,000	490,000	490,000	490,000	-	·	4750
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2)	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000	500,000	200,500 460,000 525,000	325,000 475,000	900,000 555,000 580,000	490,000	490,000	490,000 475,000	475,000	·	4750
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000	500,000	200,500 460,000 525,000	325,000 475,000	900,000 555,000 580,000	490,000	490,000	490,000	-	·	4750
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000	500,000 490,000	200,500 460,000 525,000 790,000	325,000 475,000 495,000	900,000 555,000 580,000 520,000	490,000 450,000	490,000 475,000	490,000 475,000 1,135,000	475,000 885,000	475,000	4,41
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab.	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000	500,000 490,000	200,500 460,000 525,000 790,000	325,000 475,000 495,000 2,101,000	900,000 555,000 580,000 520,000	490,000 450,000 2,251,000	490,000 475,000 2,251,000	490,000 475,000 1,135,000 2,251,000	475,000 885,000 2,251,000	2,251,000	4,41
PNon-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000	500,000 490,000 1,000,000 1,895,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000	325,000 475,000 495,000 2,101,000 2,324,000	900,000 555,000 580,000 520,000	490,000 450,000	490,000 475,000	490,000 475,000 1,135,000	475,000 885,000	475,000	4,41
PNon-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI)	Regulatory Master Plan Maintenance Operations	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000	1,000,000 1,895,000 700,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000	325,000 475,000 495,000 2,101,000 2,324,000 925,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000	490,000 450,000 2,251,000 1,719,000	490,000 475,000 2,251,000 1,719,000	490,000 475,000 1,135,000 2,251,000 1,719,000	885,000 2,251,000 1,719,000	2,251,000 1,719,000	4,41 4,41 2,25 1,71
Pion-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Freated Water Reservoir Rehabilitation	Regulatory Master Plan Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,067,000 2,350,000 3,409,410	1,000,000 1,895,000 700,000 2,390,410	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000 175,000	2,101,000 2,324,000 925,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000	490,000 450,000 2,251,000 1,719,000	490,000 475,000 2,251,000 1,719,000	490,000 475,000 1,135,000 2,251,000 1,719,000	885,000 2,251,000 1,719,000	2,251,000 1,719,000 121,800	4,41 2,25 1,71 121,
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc.	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718	1,000,000 1,895,000 700,000 2,390,410 1,035,977	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000	325,000 475,000 495,000 2,101,000 2,324,000 925,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000	490,000 450,000 2,251,000 1,719,000	490,000 475,000 2,251,000 1,719,000	490,000 475,000 1,135,000 2,251,000 1,719,000	885,000 2,251,000 1,719,000	2,251,000 1,719,000	2,25 1,71
PNon-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Freated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Operations Maintenance Maintenance Operations	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000 175,000 537,418	2,101,000 2,324,000 2,324,000 925,000 140,000 1,419,324	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475	490,000 450,000 2,251,000 1,719,000 45,000 944,109	2,251,000 1,719,000 121,800 879,615	490,000 475,000 1,135,000 2,251,000 1,719,000 121,800 236,958	885,000 2,251,000 1,719,000 121,800 1,057,614	2,251,000 1,719,000 121,800 1,057,614	4,410 2,25 1,710 121,105
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Maintenance Operations Maintenance Operations Operations Operations	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612	1,000,000 490,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000 175,000 537,418 175,102	2,101,000 2,324,000 2,324,000 925,000 140,000 1,419,324	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765	490,000 450,000 2,251,000 1,719,000 45,000 944,109	2,251,000 1,719,000 121,800 879,615	490,000 475,000 1,135,000 2,251,000 1,719,000 121,800 236,958	885,000 2,251,000 1,719,000 121,800 1,057,614 185,765	2,251,000 1,719,000 1,057,614 185,765	4,41 2,25 1,71 121,,05 185,
PNon-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Freated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Weter Replacement	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Operations Maintenance Operations Maintenance Operations Maintenance Operations Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 725,000 175,000 537,418 175,102 100,000	2,101,000 2,101,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000	2,251,000 1,719,000 1,21,800 879,615 185,765 100,000	490,000 475,000 1,135,000 2,251,000 1,719,000 121,800 236,958 185,765 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000	4,41 2,25 1,71 121, 1,05 185, 100,
PNon-Potable Water Master Plan Update Freatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Fransmission & Distribution Fransmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Freated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Weter Replacement	Regulatory Master Plan Maintenance Maintenance Maintenance Maintenance Operations Maintenance Operations Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing Replaces failed valves on system with over 12,000 valves	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000 1,000,000	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 175,000 175,000 537,418 175,102 100,000 100,000	2,101,000 2,101,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000 100,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000 100,000	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000 100,000	2,251,000 1,719,000 1,719,000 121,800 879,615 185,765 100,000 100,000	490,000 475,000 1,135,000 1,719,000 1,719,000 121,800 236,958 185,765 100,000 100,000	885,000 2,251,000 1,719,000 121,800 1,057,614 185,765 100,000 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000 100,000	2,25 1,71 121, 1,05 185, 100, 100,
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Meter Replacement Valve Replacement Fire Hydrant Replacement	Regulatory Master Plan Maintenance Maintenance Maintenance Operations Maintenance Operations Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing Replace hydrants that do not meet current city standards	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000 1,000,000 770,000	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 175,000 175,000 537,418 175,102 100,000 100,000 77,000	2,101,000 2,101,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000 100,000 77,000	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000 100,000 77,000	2,251,000 1,719,000 1,21,800 879,615 185,765 100,000	490,000 475,000 1,135,000 2,251,000 1,719,000 121,800 236,958 185,765 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000	2,25 1,71 121,,05 185, 100, 100,
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Meter Replacement Valve Replacement Fire Hydrant Replacement W&S Facilities Program	Regulatory Master Plan Maintenance Maintenance Maintenance Operations Maintenance Operations Maintenance Operations Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing Replaces failed valves on system with over 12,000 valves Replace hydrants that do not meet current city standards Site will be developed to house W&S operational crews & equipment	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000 1,000,000 770,000 23,983,162	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 175,000 175,000 537,418 175,102 100,000 100,000	2,101,000 495,000 495,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000 100,000 77,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000 100,000 77,000 20,918,162	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000 100,000 77,000 65,000	2,251,000 1,719,000 1,719,000 121,800 879,615 185,765 100,000 100,000 77,000	490,000 475,000 1,135,000 1,719,000 121,800 236,958 185,765 100,000 100,000 77,000	885,000 2,251,000 1,719,000 121,800 1,057,614 185,765 100,000 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000 100,000	2,25 1,71 121,,05 185, 100,0
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Meter Replacement Valve Replacement Fire Hydrant Replacement W&S Facilities Program Transmission Customers Re-Route	Regulatory Master Plan Maintenance Maintenance Maintenance Operations Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Operations Operations Maintenance Maintenance Maintenance Operations Operations Operations Operations	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing Replaces failed valves on system with over 12,000 valves Replace hydrants that do not meet current city standards Site will be developed to house W&S operational crews & equipment Existing transmission line customers moved to other water providers	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000 1,000,000 770,000 23,983,162 2,000,000	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 175,000 175,000 537,418 175,102 100,000 100,000 77,000	2,101,000 475,000 495,000 2,101,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000 100,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000 100,000 77,000	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000 100,000 77,000	2,251,000 1,719,000 1,719,000 121,800 879,615 185,765 100,000 100,000	490,000 475,000 1,135,000 1,719,000 1,719,000 121,800 236,958 185,765 100,000 100,000	885,000 2,251,000 1,719,000 121,800 1,057,614 185,765 100,000 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000 100,000	4,410 4,410 4,410 2,25 1,711 121,4 1,05 100,6 100,6 77,06
PNon-Potable Water Master Plan Update Treatment Boyd Process Improvements Boyd Sedimentation Basin Repair Boyd Flocculator Replacement Bellvue WTP General Rehab. Boyd WTP General Rehab. Water Treatment Plants Master Plan Boyd Pump Station Intake Valve Bellvue 20 MGD Treatment Trains-Ph. 2 Boyd Micro strainer Building Remodel Transmission & Distribution Transmission System Rehab. Distribution Pipeline Replacements Advanced Metering Infrastructure (AMI) Treated Water Reservoir Rehabilitation Water Capital Outlay Replacement Utility Billing Replacement - Water Instrumentation & Controls - Water Meter Replacement Valve Replacement Fire Hydrant Replacement W&S Facilities Program	Regulatory Master Plan Maintenance Maintenance Maintenance Operations Maintenance Operations Maintenance Operations Maintenance Maintenance Maintenance Maintenance	Repair deteriorating abutments as required by State Engineer. Master Plan for non-potable systems. Design/construct improvements to the treatment infrastructure at the Boyd Lake plant. Repair concrete erosion within the sedimentation basins Replace 24 flocculators in the sedimentation basins General maintenance projects or unanticipated rehab General maintenance projects or unanticipated rehab Master plan for planning project needs in the future for the City's two water plants. Replace a non functional intake valve at the Boyd Lake pump station 20 MGD replacement of the old flocculation/sedimentation and 58/64 filters (TB2) Remodel Micro strainer building to meet current building code and expand space Replacement and rehabilitation of transmission lines Replaces lines based on leak history or increase size for operations or meet City standards AMI to facilitate water savings, improve customer communication, enhance Water Budget Maintenance and minor repairs to the treated water reservoirs Replacement of rolling stock: trucks, loaders, etc. Replacement of existing City CIS software system Maintains SCADA systems and control panels Replace meters that become inaccurate or failing Replaces failed valves on system with over 12,000 valves Replace hydrants that do not meet current city standards Site will be developed to house W&S operational crews & equipment	393,200 200,500 325,000 17,075,000 900,000 4,930,000 4,915,000 790,000 520,000 4,410,000 2,020,000 19,883,000 19,067,000 2,350,000 3,409,410 10,047,718 3,000,000 1,851,612 1,000,000 1,000,000 770,000 23,983,162	1,000,000 1,895,000 700,000 2,390,410 1,035,977 3,000,000 195,800 100,000	200,500 460,000 525,000 790,000 1,000,000 2,400,000 175,000 175,000 537,418 175,102 100,000 100,000 77,000	2,101,000 495,000 495,000 2,324,000 925,000 140,000 1,419,324 180,355 100,000 100,000 77,000	900,000 555,000 580,000 520,000 2,276,000 2,134,000 50,000 1,821,475 185,765 100,000 100,000 77,000 20,918,162	490,000 450,000 2,251,000 1,719,000 45,000 944,109 185,765 100,000 100,000 77,000 65,000	2,251,000 1,719,000 1,719,000 121,800 879,615 185,765 100,000 100,000 77,000	490,000 475,000 1,135,000 1,719,000 121,800 236,958 185,765 100,000 100,000 77,000	885,000 2,251,000 1,719,000 121,800 1,057,614 185,765 100,000 100,000	2,251,000 1,719,000 1,057,614 185,765 100,000 100,000	2,25 1,71 121,,05 185, 100,0

	В	С	D	E	F	G	Н	1	J	K	L	М	N	0
(CITY OF GREELEY - WATE	R & SEWE	R 10 YEAR CIP 2023-2032			•				•		Rev	ised June	e 22, 2 (
-	oject Count: 91 • Project new to CIP this year													
١	WATER RIGHTS ACQUISTION													
	7777 277 777 777 777 777 777 777 777 77	Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	20:
	Future Water Acquisition		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	7,160,1
	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	162,36
	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							
	Poudre Ponds Parcel B	Master Plan	Expansion of gravel water pit storage at the Poudre Ponds comples	1,010,000	1,010,000									
_	Water Supply and Storage Change Case	Master Plan	Water use court system change from irrigation to municipal use	200,000	100,000	100,000								
	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		
			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.
	WATER TOTAL			362.0M	31.8M	37.4M	47.3M	56.8M	33.7M	31.8M	39.0M	26.6M	23.3M	34
١	WATER TOTAL			302.0101	31.0IVI	37.4101	47.51	30.8141	33.71	31.0141	33.0101	20.0141	23.3141	
	SEWER CONSTRUCTION													
	Collection	Driver	Description	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	20
	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	69,00
	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		,	,-50	,		35,50
	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		,			1			
	Treatment			, , , , , , , , , , , , , , , , , , , ,									1	
	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	104,0
			SUB-TOTAL SEWER CONSTRUCTION	83.8M	462.0K	7.3M	84.0K	81.0K	69.0K	69.0K	9.5M	173.0K	65.8M	17
	EWER CAPITAL REPLACEMEN			2022 / 2022		2024	2025	2025	2007	2020		2020	2024	
	Collection		<u>Description</u>	2023 to 2032	2023	2024	2025	2026	2027	2028	2029	2030	2031	2
	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	420,0
	Highland Hills 47th Ave Sewer Capacity	Master Plan	Increase capacity in the existing 8" sewer line in 47th Avenue.	2,550,000	180,000	165,000	2,550,000	165,000	165 000	165,000	165 000	165 000	165,000	165,0
	WWC Internal Sewer System Rehabilitation Sewer Collection System Rehabilitation	Maintenance Maintenance	Repairs of sanitary sewer manholes and main lines by City's Collections department Lines smaller than 6" identified for replacement and system rehab	1,665,000 800,000	160,000	160,000	165,000 160,000	160,000	165,000 160,000	165,000	165,000	165,000	165,000	105,0
	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					
	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	03,000	03,000					
	Highland Hills Bittersweet Sewer Capacity	Master Plan	Upsize approximately 2,300 feet of sewer main across 16th St through Bittersweet Park.	1,520,000	00,000	265,000	5,000	1,255,000						
	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	=,===,===						
	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							
	Central 16th St Sewer Replacement	Master Plan	Upsizing sewer main across Greeley Central's baseball field.	1,525,000			,	255,000	1,270,000					
	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					
	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				
	Sanitary Sewer Master Plan Update	Master Plan	Master plan update for city sewer system due for 2027.	725,000					725,000					
	•Sewer Service Line Grouting and Sealing		Grouting sanitary sewer service connections and laterals that connect to cip linings	275,000	275,000									
	Treatment		, 			_			-	,			,	•
	WTRF Generator Replacement	Regulatory	This project will provide a new backup generator for the Nitrification Phase 2 project.	3,780,000	3,780,000									
	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,
	WTRF Blower Replacement Phase 1B	Master Plan	Replaces one K-Turbo blower with a new Sulzer blower to match other recent upgrades.			1	+	646.555			1	-		1
	•WTRF Blower Replacement Phase 2	Master Plan	Replacing expiring and aged out blowers used for aerating process fluid	6,767,500	75.000	75.000	75.000	610,000	6,157,500	75.000	75.000	75.000	75.000	75.61
	Instrumentation & Controls - Wastewater	Operations	Maintains SCADA systems and control panels Study effluent temperature issues for possible new regulations.	750,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,00
	WTRF Stream Temperature Assessment WTRF Primary Treatment-Phase II	Regulatory Maintenance/MP	, , ,	570,000 43,651,650	52,000 370,000	52,000 43,201,650	52,000 80,000	102,000	52,000	52,000	52,000	52,000	52,000	52,00
	WTRF Additional Cake Hopper	Master Plan	Construction and installation of an additional cake hopper.	2,364,000	370,000	2,364,000	60,000	+			1	+	+	1
-	WTRF Additional Cake Hopper WTRF Cake Pump Replacement	Master Plan	Replacement of the cake pump at WTRF	157,500	+	2,304,000	157,500	+		+	+	+		1
	WTRF Secondary Clarifier Upgrades	Master Plan	Upgrades to secondary clarifier tanks.	4,475,000			137,300	365,000	4,110,000					1
-	•WTRF Secondary Digersters Rehabilitation	Master Plan	Rehabilitation of secondary digesters.	2,591,000	145,000	351,000	2,095,000		,,		1		1	1
	Studies & Others													
	Utility Billing Replacement - Sewer	Operations	Replacement of existing City CIS software system	1,200,000	1,200,000									
	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	379,1
١	Wastewater Treatment Master Plan Update	Master Plan	WTRF Master Plan updates	1,465,000				715,000					750,000	
			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
	'EN/ED TOTAL			200 454	0.254	F.C. 484	0.054	0.084	25 484	7 784	11 684	2 224	CO CD4	
•	SEWER TOTAL			200.1M	8.3M	56.4M	9.8M	8.0M	25.4M	7.7M	11.6M	2.2M	68.6M	2.
	MATER AND SELVED SOLUTION	INIED TAT:	•			<u></u>			-			 -		
٠	WATER AND SEWER COMB	INED TOTA	L	562.0M	40.1M	93.7M	57.1M	64.8M	59.1M	39.5M	50.7M	28.8M	91.9M	36