

Onondaga County Water Authority

Board Approval: 10/26/22

2023 Capital Budget Summary

Last Revision: 10/17/22

BUDGET No.	BUDGET AREA	DESCRIPTION:	2022 Approved	2023 Annual Funds	2023 Annual Funds	2023 Annual Funds	2023 Annual Funds	2023 Projected Non Rate Funded Capital Spending	Total 2023 Projected Capital Spending
				Department Request	Dep. Exec. Dir Recommend	Executive Recommend	Board Approved		
1A	Small Meters	SMALL METER PURCHASE 5/8" TR (3000)		252,660	236,000	236,000	236,000		\$ 236,000
		SMALL METER PURCHASE 5/8" TR PIT (500)		45,395	45,395	45,395	45,395		\$ 45,395
		SMALL METER PURCHASE 5/8" RADIO RD (3000)		558,000	524,000	524,000	524,000		\$ 524,000
		SMALL METER PURCHASE 5/8" RR PIT (900)		191,000	191,000	191,000	191,000		\$ 191,000
		SMALL METER PURCHASE 3/4" TR (15)		1,263	1,263	1,263	1,263		\$ 1,263
		SMALL METER PURCHASE 3/4" TR PIT (15)		1,405	1,405	1,405	1,405		\$ 1,405
		SMALL METER PURCHASE 3/4" RR (15)		3,801	3,801	3,801	3,801		\$ 3,801
		SMALL METER PURCHASE 3/4" RR PIT (15)		4,301	4,301	4,301	4,301		\$ 4,301
		SMALL METER PURCHASE 1" TR (35)		4,348	4,348	4,348	4,348		\$ 4,348
		SMALL METER PURCHASE 1" TR PIT (35)		4,716	4,716	4,716	4,716		\$ 4,716
		SMALL METER PURCHASE 1" RADIO RD (35)		11,201	11,201	11,201	11,201		\$ 11,201
		SMALL METER PURCHASE 1" RADIO RD PIT (35)		12,368	12,368	12,368	12,368		\$ 12,368
			Total		\$ 1,009,392	\$ 1,090,458	\$ 1,039,798	\$ 1,039,798	\$ 1,039,798
1B	Large Meters	LARGE METER PURCHASE 1 1/2" (20)		13,200	13,200	13,200	13,200		\$ 13,200
		LARGE METER PURCHASE 1 1/2"PIT(20)		13,200	13,200	13,200	13,200		\$ 13,200
		LARGE METER PURCHASE 1 1/2" RAD. RD. (20)		19,000	19,000	19,000	19,000		\$ 19,000
		LARGE METER PURCHASE 1 1/2" RAD. RD. PIT (20)		19,000	19,000	19,000	19,000		\$ 19,000
		LARGE METER PURCHASE 2" (20)		15,600	15,600	15,600	15,600		\$ 15,600
		LARGE METER PURCHASE 2" PIT (20)		15,600	15,600	15,600	15,600		\$ 15,600
		LARGE METER PURCHASE 2" RAD. RD. (20)		22,250	22,250	22,250	22,250		\$ 22,250
		LARGE METER PURCHASE 2" RAD. RD.PIT (20)		22,250	22,250	22,250	22,250		\$ 22,250
		LARGE METER PURCHASE 3" (6)		9,000	9,000	9,000	9,000		\$ 9,000
		LARGE METER PURCHASE 3" RAD. RD. (12)		18,000	18,000	18,000	18,000		\$ 18,000
		LARGE METER PURCHASE 4" (6)		14,700	14,700	14,700	14,700		\$ 14,700
		LARGE METER PURCHASE 4" RAD. RD. (12)		29,400	29,400	29,400	29,400		\$ 29,400
		LARGE METER PURCHASE 6" (4)		16,800	16,800	16,800	16,800		\$ 16,800
		LARGE METER PURCHASE 6" RAD. RD. (8)		33,600	33,600	33,600	33,600		\$ 33,600
		LARGE METER PURCHASE 8" (2)		13,600	13,600	13,600	13,600		\$ 13,600
		LARGE METER PURCHASE 8" RAD. RD. (4)		27,200	27,200	27,200	27,200		\$ 27,200
		LARGE METER PURCHASE 10" (2)		17,700	17,700	17,700	17,700		\$ 17,700
		LARGE METER PURCHASE 10" RAD. RD. (4)		35,400	35,400	35,400	35,400		\$ 35,400
		4" FIRELINE METER (1)		5,600	5,600	5,600	5,600		\$ 5,600
	6" FIRELINE METER (1)		7,500	7,500	7,500	7,500		\$ 7,500	
8" FIRELINE METER (0) 2 in stock no need to budget for more		-	-	-	-		\$ -		
10" FIRELINE METER (1)		15,800	15,800	15,800	15,800		\$ 15,800		
1 1/2" HYD. METER (20)		12,500	12,500	12,500	12,500		\$ 12,500		
	Operations	Octave replacement meters		70,000	70,000	70,000	70,000		\$ 70,000
	Total		\$ 359,063	\$ 466,900	\$ 466,900	\$ 466,900	\$ 466,900	\$ -	\$ 466,900

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2A	Small Services	New Services (<=2") -Total Cost Contributed Capital - \$550,000		559,000 (550,000)	559,000 (550,000)	559,000 (550,000)	559,000 (550,000)		\$ 559,000 \$ (550,000)
		New Services (<=2") - OCWA Cost = \$9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ -	\$ 9,000
3A	Main Extensions (MEC)	Main Extension Contracts - Total Cost Contributed Capital - \$650,000		770,000 (650,000)	770,000 (650,000)	770,000 (650,000)	770,000 (650,000)		\$ 770,000 \$ (650,000)
		Main Extension Contracts - OCWA Cost = \$120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ -	\$ 120,000
JO	Job Orders	Job Orders (capital) - Total Cost Contributed Capital - \$200,000		200,000 (200,000)	200,000 (200,000)	200,000 (200,000)	200,000 (200,000)		\$ 200,000 \$ (200,000)
		Job Orders (capital) - OCWA Cost = \$0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3B	Main Replacements & Relining	Various Main Replacements & Relining		4,800,000	4,800,000	5,300,000	5,300,000		\$ - \$ 5,300,000
		Additional Main Replacements & Relining						500,000	\$ 500,000
Total			\$ 4,930,000	\$ 4,800,000	\$ 4,800,000	\$ 5,300,000	\$ 5,300,000	\$ 500,000	\$ 5,800,000
3C	New Hydrants	New Hydrants	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 50,000
3D	DOT Relocation	Onondaga County D.O.T. Projects	\$ 250,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000		\$ 300,000
4A	Valve Replacements	New Valves	\$ 575,000	\$ 640,000	\$ 640,000	\$ 640,000	\$ 640,000		\$ 640,000
4B	Hydrant Replacements	(100) Hydrant Replacements	\$ 440,000	\$ 475,000	\$ 475,000	\$ 475,000	\$ 475,000		\$ 475,000

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5A	Light Vehicles								
	Administration	Replace 2014, Admin SUV # 2005 with 59,000 miles.Order new 2023, 4 x 4 SUV, beacon light, OCWA decals, floor liners		44,870	44,870	44,870	44,870		\$ 44,870
	Accounting/Stores	Replace 2016, Fleet Maint Truck # 2594 with 51,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Distribution NC	Replace 2017, Distribution Truck # 2610 with 55,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Distribution NC	Replace 2018, Distribution Truck # 2636 with 94,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Distribution NC	Replace 2014, Distribution Van #3026 with 99,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Distribution NC	Replace 2017, Distribution Van #3032 with 135,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Distribution NC	Replace 2016, Distribution Truck # 2593 with 68,000 miles.Order new 2023, 3/4 ton 4WD Pickup REG cab, beacon, OCWA decals, tool boxes, backrack, floor liners		50,700	50,700	50,700	50,700		\$ 50,700
	Otisco WTP	Replace 2016, WTP Truck # 2596 with 55,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Ontario WTP	Replace 2016, Water Quality Truck # 2592 with 119,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes,back rack floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Engineering	Replace 2017, Engineering Truck # 2609 with 45,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Operations	Replace 2016, Operations Truck # 2599 with 54,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
	Operations	Replace 2018, Operations Truck # 2625 with 90,000 miles.Order new 2023, 1/2 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		50,245	50,245	50,245	50,245		\$ 50,245
Facilities	Replace 2016, Facilities Truck # 2602 with 45,000 miles.Order new 2023, 1 ton 4WD Pickup dbl cab,beacon, OCWA decals, tool boxes, back rack, floor liners		52,065	52,065	52,065	52,065		\$ 52,065	
									\$ -
	Total		\$ 702,254	\$ 650,085	\$ 650,085	\$ 650,085	\$ 650,085	\$ -	\$ 650,085

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2023 Capital Budget Summary			2022	2023 Annual Funds	2023 Annual Funds	2023 Annual Funds	2023 Annual Funds	2023 Projected	Total 2023		
BUDGET No.	BUDGET AREA	DESCRIPTION:	Approved	Department Request	Dep. Exec. Dir Recommend	Executive Recommend	Board Approved	Non Rate Funded Capital Spending	Projected Capital Spending		
5B	Heavy Vehicles	Distribution (1 ea) 10-wheel dump truck (2 ea) New Freightliner Dump Trucks (\$184,000.00 each) (2 ea) New Crew Trucks (\$165,000.00 each)		224,000	224,000	224,000	224,000		\$ -		
				367,000	367,000	367,000	367,000		\$ 224,000		
				330,000	330,000				\$ 367,000		
									\$ -		
Total			\$ 720,000	\$ 921,000	\$ 921,000	\$ 591,000	\$ 591,000	\$ -	\$ 591,000		
5C	Field Equipment	Engineering GPS Data Collection Unit		10,000	10,000	10,000	10,000		\$ -		
									\$ 10,000		
			Distribution (1 ea) Wachs hand held valve exerciser (2 ea) New 20 Ton Equipment Trailers (\$32,600.00 each) (1 ea) John Deere 310 SL Backhoe loader w/ auxiliary Hyd. (\$123,000.00 each /- trade) (3 ea) John Deere 310 SL Backhoe w/out auxiliary Hyd. (\$121,000.00 each / -trade ins) (1 ea) 10 ton dump trailer (1ea) New front end loader (\$211,000.00 / - Trade in) (1 ea) New Shoring Supplies (1) ea New Digital Leak Dector logger		10,500	10,500	10,500	10,500	10,500		\$ -
					65,200	65,200	65,200	65,200	65,200		\$ 10,500
					123,000	123,000	123,000	123,000	123,000		\$ 65,200
					363,000	363,000	363,000	363,000	363,000		\$ 123,000
					10,500	10,500	10,500	10,500	10,500		\$ 363,000
					211,000	211,000	211,000	211,000	211,000		\$ 10,500
					15,000	15,000	15,000	15,000	15,000		\$ 211,000
					5,000	5,000	5,000	5,000	5,000		\$ 15,000
			Operations 1 - Ferris Zero Turn 72" (replaces 7 year old ferris 72") 1 - Ferris Zero Turn 61" (replaces 6 year old ferris 61") Bobcat Skid Steer Upgrades (new tracks, Boom Extension, Forestry Teeth) 82" X 18' Tandem Trailer Towable 55' Lift 2 - Landscape trailer to replace existing 6X10 trailers		18,500	18,500	18,500	18,500	18,500		\$ -
					13,500	13,500	13,500	13,500	13,500		\$ 5,000
					15,000	15,000	15,000	15,000	15,000		\$ 18,500
					6,800	6,800	6,800	6,800	6,800		\$ 13,500
					85,000						\$ 15,000
Otisco WTP Lagoon Boat Pump Head Replacement		7,600	7,600	7,600	7,600	7,600		\$ 6,800			
		30,000	30,000	30,000	30,000	30,000		\$ 7,600			
Total			\$ 527,400	\$ 989,600	\$ 904,600	\$ 904,600	\$ 904,600	\$ -	\$ 904,600		
5D	Office Equipment	Operations Office Furniture Main Operations Office		8,000	8,000	8,000	8,000		\$ -		
									\$ 8,000		
			Engineering Backflow Prevention Program (Data Management / BFP Program Mgmt Software)		125,000	125,000	125,000	125,000		\$ -	
							\$ 125,000				
Total			\$ 133,000	\$ 133,000	\$ 133,000	\$ 133,000	\$ 133,000	\$ -	\$ 133,000		
5E	Radio & Lab Equipment	Operations SD9 Radio Replacements - 10 pcs Transnet Radio Replacements - 5 pcs		20,000	20,000	20,000	20,000		\$ -		
				7,500	7,500	7,500	7,500		\$ 20,000		
									\$ 7,500		
Total			\$ -	\$ 27,500	\$ 27,500	\$ 27,500	\$ 27,500	\$ -	\$ 27,500		
5F	Safety Equipment								\$ -		
									\$ -		
Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		

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6A	Building Improvements								\$ -
		AJW Northern Concourse Distribution Locker Room Renovation		250,000	250,000	250,000	250,000		\$ 250,000
		AJW Northern Concourse IT Office Area Renovation		100,000	100,000	100,000	100,000		\$ 100,000
	Total		\$ 110,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ -	\$ 350,000
7	Telemetering								\$ -
		Total	\$ 86,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Control Valves Operations/Facilities	10" Pratt Valve with actuator Hopkins Rd		9,500	9,500	9,500	9,500		\$ 9,500
		2 - 12" Pratt Surge Inhibitor Valve Thurber St PS		16,500	16,500	16,500	16,500		\$ 16,500
		2 - 12" Pratt Surge inhibitor Valve Seneca		16,500	16,500	16,500	16,500		\$ 16,500
		Total	\$ 301,700	\$ 42,500	\$ 42,500	\$ 42,500	\$ 42,500	\$ -	\$ 42,500
9	Pumping Stations								\$ -
		AJW Pumping Station Evaluations		75,000	75,000	75,000	75,000		\$ 75,000
		AJW Eastern Pumping Station Electrical Upgrades		500,000	500,000	500,000	500,000		\$ 500,000
		AJW Solvay Pumping Station Replacement - Design		150,000	150,000	150,000	150,000		\$ 150,000
	Total		\$ 28,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ 725,000	\$ -	\$ 725,000

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10	Ontario WTP	Purchase three (3) Hach SOLITAX Suspended Solids and Turbidity Sensors. The turbidity sensors will be utilized in all six (6) filters at the WTP and included data collection will provide valuable backwash profiles. Measuring turbidity during backwash will optimize the process by eliminating excessive backwashing. Operators will be able to terminate backwash based on a turbidity measurement of 10-15NTU, thereby eliminating waste of treated water. We currently have 3 units in operation, purchasing 3 more will allow us to have a dedicated unit for each filter and will no longer require us to move the units between filters. We have realized a 25% reduction in water used per backwash while using the turbidity sensors.		26,300	26,300	26,300	26,300		\$ 26,300
	AJW Otisco Lake Intake Site - Chemical Feed Line Replacement			250,000	250,000	250,000	250,000		\$ 250,000
	AJW LOWTP Facility and Process Improvements							19,000,000	\$ 19,000,000
Total			\$ 46,170,000	\$ 276,300	\$ 276,300	\$ 276,300	\$ 276,300	\$ 19,000,000	\$ 19,276,300
11	Reservoirs & Tanks								
	AJW Volney Airport Tank Painting			950,000	950,000	950,000	950,000		\$ 950,000
Total			\$ 3,210,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ 950,000	\$ -	\$ 950,000
12	Source of Supply								
	AJW Milton Avenue 20" Exposure Repair			500,000	500,000	500,000	500,000		\$ 500,000
Total			\$ 800,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ 500,000
MAJOR	Other Projects								
	AJW Ontario Raw Water Transmission Main Condition Inspection			650,000	650,000	650,000	650,000		\$ 650,000
	AJW Farrell PS Improvements (Capacity Expansion for WP)			8,000,000	-	-	-		\$ -
	AJW Terminal Piping Replacement							7,000,000	\$ 7,000,000
Total			\$ 3,000,000	\$ 8,650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 7,000,000	\$ 7,650,000
Grand Total			\$ 63,530,809	\$ 22,166,343	\$ 14,030,683	\$ 14,200,683	\$ 14,200,683	\$ 26,500,000	\$ 40,700,683

  
 Jeffrey D. Brown  
 Executive Director

10/26/22 \$ 13,334,125 \$ 14,249,281 \$ 14,249,281  
 Date \$ (696,558) \$ 48,598 \$ 48,598  
 Net Revenue from Comparison Tab Surplus/(Deficit)

  
 Curtis R. Marvin  
 Fiscal Officer

10/26/22  
 Date