

Onondaga County Water Authority

Board Approval: 10/28/2020

2021 Capital Budget Summary

Last Revision : 9/22/2020

BUDGET No.	BUDGET AREA	DESCRIPTION:	2020 Approved	Department Request	Dep. Exec. Dir Recommend	Executive Recommend	Board Approved					
							Annual Funds	Reserve Funds	Bond Issue	Total Approved		
1A	Small Meters	SMALL METER PURCHASE 5/8" (3000)		189,480	189,480	189,480	189,480			189,480		
		SMALL METER PURCHASE 5/8" PIT (500)		35,790	35,790	35,790	35,790			35,790		
		SMALL METER PURCHASE 5/8" RADIO RD (2100)		392,112	392,112	392,112	392,112			392,112		
		SMALL METER PURCHASE 5/8" RR PIT (900)		198,045	198,045	198,045	198,045			198,045		
		SMALL METER PURCHASE 3/4" (15)		1,263	1,263	1,263	1,263			1,263		
		SMALL METER PURCHASE 3/4" 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" (35)		4,348	4,348	4,348	4,348			4,348		
		SMALL METER PURCHASE 1" 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		\$ 828,630	\$ 858,830	\$ 858,830	\$ 858,830	\$ 858,830	\$ -	\$ -	\$ 858,830
		1B	Large Meters	LARGE METER PURCHASE 1 1/2" (20)		12,000	12,000	12,000	12,000			12,000
LARGE METER PURCHASE 1 1/2" PIT (20)				12,000	12,000	12,000	12,000			12,000		
LARGE METER PURCHASE 1 1/2" RAD. RD. (20)				17,520	17,520	17,520	17,520			17,520		
LARGE METER PURCHASE 1 1/2" RAD. RD. PIT (20)				17,520	17,520	17,520	17,520			17,520		
LARGE METER PURCHASE 2" (20)				14,220	14,220	14,220	14,220			14,220		
LARGE METER PURCHASE 2" PIT (20)				14,220	14,220	14,220	14,220			14,220		
LARGE METER PURCHASE 2" RAD. RD. (20)				20,235	20,235	20,235	20,235			20,235		
LARGE METER PURCHASE 2" RAD. RD. PIT (20)				20,235	20,235	20,235	20,235			20,235		
LARGE METER PURCHASE 3" (6)				7,687	7,687	7,687	7,687			7,687		
LARGE METER PURCHASE 3" RAD. RD. (6)				7,687	7,687	7,687	7,687			7,687		
LARGE METER PURCHASE 4" (6)				13,348	13,348	13,348	13,348			13,348		
LARGE METER PURCHASE 4" RAD. RD. (6)				13,348	13,348	13,348	13,348			13,348		
LARGE METER PURCHASE 6" (4)				15,369	15,369	15,369	15,369			15,369		
LARGE METER PURCHASE 6" RAD. RD. (4)				15,369	15,369	15,369	15,369			15,369		
LARGE METER PURCHASE 8" (2)				12,414	12,414	12,414	12,414			12,414		
LARGE METER PURCHASE 8" RAD. RD. (2)				12,414	12,414	12,414	12,414			12,414		
LARGE METER PURCHASE 10" (2)				16,019	16,019	16,019	16,019			16,019		
LARGE METER PURCHASE 10" RAD. RD. (2)				16,019	16,019	16,019	16,019			16,019		
4" FIRELINE METER (1)				5,038	5,038	5,038	5,038			5,038		
6" FIRELINE METER (1)				6,705	6,705	6,705	6,705			6,705		
8" FIRELINE METER (1)				10,038	10,038	10,038	10,038			10,038		
10" FIRELINE METER (1)				14,358	14,358	14,358	14,358			14,358		
1 1/2" HYD. METER (20)				9,287	9,287	9,287	9,287			9,287		
		4" OMNI T2 Water Meters (2 for year) (Operations Dept.)		3,452	3,452	3,452	3,452			3,452		
		6" OMNI T2 Water Meters (2 for year) (Operations Dept.)		6,214	6,214	6,214	6,214			6,214		
		8" OMNI T2 Water Meters (2 for year) (Operations Dept.)		10,546	10,546	10,546	10,546			10,546		
		10" OMNI T2 Water Meters (2 for year) (Operations Dept.)		13,751	13,751	13,751	13,751			13,751		
		Water meters (billing meters) - Operations		66,000	66,000	66,000	66,000			66,000		
	Total		\$ 337,013	\$ 403,013	\$ 403,013	\$ 403,013	\$ 403,013	\$ -	\$ -	\$ 337,013		

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2A	Small Services	New Services (<=2") - Total Cost Contributed Capital - \$610,000		619,000 (610,000)	619,000 (610,000)	619,000 (610,000)	619,000 (610,000)			619,000 (610,000)
		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 - \$710,000		830,000 (710,000)	830,000 (710,000)	830,000 (710,000)	830,000 (710,000)			830,000 (710,000)
		Main Extension Contracts - OCWA Cost = \$120,000	\$ 130,000	\$ 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	System Betterment	Various System Betterments	2,700,000	3,750,000	3,750,000	3,750,000	3,750,000			3,750,000
Total			\$ 2,700,000	\$ 3,750,000	\$ 3,750,000	\$ 3,750,000	\$ 3,750,000	\$ -	\$ -	\$ 3,750,000
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	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			250,000
4A	Valve Replacements	New Valves	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000			480,000
4B	Hydrant Replacements	(100) Hydrant Replacements	\$ 420,000	\$ 425,000	\$ 425,000	\$ 425,000	\$ 425,000			425,000

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							Annual Funds	Reserve Funds	Bond Issue		
5A	Light Vehicles										
	7001	Replace 2012, Distribution truck# 2568 with 67,000 miles. Order new 2021, 3/4 ton, 4x4 pick-up truck, beacon light, toolboxes, OCWA decals		44,000	44,000	44,000	44,000			44,000	
	7001	Replace 2012, Distribution truck# 2570, with 48,000 miles, Order new 2021, 3/4 ton, 4x4 pick-up truck, beacon light, toolboxes, liftgate, and ocwa decals		47,000	47,000	47,000	47,000			47,000	
	7001	Replace 2015, Distribution truck# 2584, with 58000 miles, Order new 2021, 3/4 ton, 4x4, pick-up truck, beacon light, toolboxes, OCWA decal		41,500	41,500	41,500	41,500			41,500	
	7001	Replace 2015, Distribution truck# 2588, with 54000 miles, Order new 2021, 3/4 ton, 4x4, pick-up truck, beacon light, toolboxes, OCWA decal		41,500	41,500	41,500	41,500			41,500	
	7001	Replace 2017 Distribution van# 3034, with 82,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, beacon light, toolboxes, OCWA decal.		42,000	42,000	42,000	42,000			42,000	
	8001	Replace 2013, WTP Lab truck# 2592, with 79,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, beacon light, toolbox, OCWA decals.		41,000	41,000	41,000	41,000			41,000	
	8251	Replace 2014, Engineering truck# 2582 with 58,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, bedcap, beacon lights, OCWA decals.		42,500	42,500	42,500	42,500			42,500	
	8501	Replace 2011 Operations truck# 2562 with 75,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, bedcap, beacon lights, OCWA decals.		41,000	41,000	41,000	41,000			41,000	
	8501	Replace 2011 Operations truck# 2576 with 73,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, bedcap, beacon lights, OCWA decals.		41,500	41,500	41,500	41,500			41,500	
	8501	Replace 2015, Operations truck# 2586 with 85,000 miles, Order new 2021, 3/4 ton, 4x4, pick-up truck, toolboxes, beacon light, OCWA decals.		41,500	41,500	41,500	41,500			41,500	
	8501	Replace 2012, Operations BLUE MWB Utility truck# 2607 with 62,000 miles. Order new 2020, 4X4, utility truck with snowplow, utility box with sliding cover, winch, beacon lights and ocwa decals. Vehicle was approved in 2020 budget. Cancelled because of budget		56,000	56,000	56,000	56,000			56,000	
	8501	Replace 2015, Operations truck# 2591 with 62,000 miles, Order new 2021, 1/2 ton, 4x4, pick-up truck, bedcap, beacon lights, toolboxes, ocwa decals		41,500	41,500	41,500	41,500			41,500	
	8501	Replace 2017 Operations truck# 2618 with 83,000 miles. Order new 2021, 3/4 ton, 4x4, pick-up truck with snowplow, toolbox, beacon light ocwa decals		46,500	46,500	46,500	46,500			46,500	
	8501	Replace 2018, Operations truck# 2626, with 73,000 miles. Order new 2021, 3/4 ton, 4x4, pick-up truck with snowplow, beacon light, toolbox ocwa decals		46,500	46,500	46,500	46,500			46,500	
	9001	Replace 2013, Meter Repair van# 3021, with 75,000 miles. Order new 2021, 1/2 ton, 4x4, pick-up truck with bedcap, beacon lights, OCWA decals		42,500	42,500	42,500	42,500			42,500	
	9001	Replace 2015, Meter Repair van# 3030, with 95,000 miles. Order new 2021, 1/2 ton, 4x4, pick-up truck with bedcap, beacon lights, OCWA decals		42,500	42,500	42,500	42,500			42,500	
	9001	Replace 2015, Meter Repair van# 3033, with 70,000 miles. Order new 2021, 1/2 ton, 4x4, pick-up truck with bedcap, beacon lights, OCWA decals		42,500	42,500	42,500	42,500			42,500	
		Operations/Facilities	Purchase and install Utility Box truck# 2641 G Sawmiller		9,500	9,500	9,500	9,500			9,500
		Total		\$ 819,000	\$ 751,000	\$ 751,000	\$ 751,000	\$ 751,000	\$ -	\$ -	\$ 751,000

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5B	Heavy Vehicles Distribution	(2ea) 6 Wheeled Dump Trucks		310,000	310,000	310,000	310,000			310,000
		(1ea) Small Dump Truck		120,000	120,000	120,000	120,000			120,000
		(2ea) 15 Ton Equipment Trailers		52,000	52,000	52,000	52,000			52,000
		Total		\$ 507,000	\$ 482,000	\$ 482,000	\$ 482,000	\$ 482,000	\$ -	\$ -
5C	Field Equipment	Meter Repair		16,000	16,000	16,000	16,000			16,000
		TRIMBLE Ranger 3XE w/HR2650i Receiver (BT,WIFI,GPS,Camera,Scanner,WWAN) Neptune Ranger 3 Charging and Communication Cradle COMPLETE - INCLUDES ALL BATTERIES, CHARGERS, CABLES, (\$8000.00/unit - 2 Complete Units requested)								
		Distribution		385,000	385,000	385,000	385,000			385,000
		(1ea) Rubber Tired Backhoes (Trades)		200,000	200,000	200,000	200,000			
		(1ea) Directional Boring Machine		8,000	8,000	8,000	8,000			
		(1ea) Underground Boring Tool (Hole Hog)		28,000	28,000	28,000	28,000			
		(2ea) Shoring Boxes		195,000	18,000	18,000	18,000			
		(1ea) Street Sweeper Truck		13,000	13,000	13,000	13,000			
		(1ea) Digital Correlator (Leak Detection)		25,000	25,000	25,000	25,000			
		Operations		8,500	8,500	8,500	8,500			
Portable Ultrasonic strap on doppler meter		15,000	12,000	12,000	12,000					
John Deere boom mower attachment for tractor										
Dump body trailer										
Marcellus WTP	Ferris Lawn Mower									
Total	Field Equipment		\$ 571,500	\$ 911,500	\$ 713,500	\$ 713,500	\$ 713,500	\$ -	\$ -	\$ 459,500
5D	Office Equipment									
		Total		\$ 71,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5E	Radio & Lab Equipment									
		Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5F	Safety Equipment									
		Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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6A	Building Improvements	AJW-GM Northern Concourse Building Improvements		250,000	-	-					-
		AJW-GM Northern Concourse paving and sealing		100,000	100,000	100,000	100,000				100,000
		AJW-GM Security system and cameras upgrades		100,000	-	-	-				-
		AJW-GM Otisco bathrooms		50,000	50,000	50,000	50,000				50,000
		AJW-GM Otisco intake site electrical		50,000	-	-	-				-
	Operations/Facilities	Fairmount HVAC upgrades		10,000	10,000	10,000	10,000				-
	Distribution	Fairmount Shop Remodel Northern Concourse Locker Room Remodel		50,000 50,000	30,000 -	30,000 -	30,000 -				- -
	Total		\$ 386,500	\$ 660,000	\$ 190,000	\$ 190,000	\$ 190,000	\$ -	\$ -	\$ 150,000	
7	Telemetry										-
	Total		\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
8	Control Valves Operations/Facilities	East Hill pit, remove 6 ft tube to pit, extend pit to ground level		40,000	40,000	40,000	40,000				40,000
	Total		\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ 40,000	
9	Pumping Stations Operations/Facilities	Park St PS install 2 VFD's		80,000	-	-	-				-
		Hinsdale PS replace PCV's with 2 surge buster valves and related fittings		8,000	8,000	8,000	8,000				8,000
		Academy Hill PS install 2 VFD's		10,000	10,000	10,000	10,000				10,000
		North St. PS install 2 VFD's		10,000	10,000	10,000	10,000				10,000
		12" Octave meter with encoder & new valves (7th North PS)		26,500	26,500	26,500	26,500				26,500
		FPS sump repair		28,000	28,000	28,000	28,000				28,000
	AJW-GM	Park street, Howlett Hill, Wolf St PS evaluation		100,000	40,000	40,000	40,000				-
		Solvay PS design		200,000	-	-	-				-
		Eastern PS electrical evaluation		75,000	75,000	75,000	75,000				-
		East Hill PS evaluation		50,000	-	-	-				-
	Total		\$ 251,500	\$ 587,500	\$ 197,500	\$ 197,500	\$ 197,500	\$ -	\$ -	\$ 82,500	


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10	Filter Plant Ontario WTP	Purchase two (2) Hach SOLITAX Suspended Solids and Turbidity Sensor. 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 have had 1 unit in operation for 2 years and have seen a 25% reduction in backwash water.		12,000	12,000	12,000	12,000			12,000
	AJW-GM			50,000						
	Marcellus WTP			8,000	-	-				
	Total		\$ 181,500	\$ 70,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ -	\$ -	\$ 12,000
11	Reservoirs & Tanks	Salt Springs Tank Rehab (Design funds /2020 budget. Construction in 2022)								
	AJW-GM			2,000,000						
	Total		\$ 800,000	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Source of Supply	Ontario WTP Construction Ontario WTP Tanks - Not for Funding in 2021 Lake Ontario Intake Cleaning & Repair - Engineering & Plan Development								
	AJW-GM			39,000,000	-					
	AJW-GM			19,250,000	-	100,000	100,000	100,000		
	Total			\$ 58,350,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -
MAJOR	Other Projects	Nine Mile Creek bank and pipe bridges Syracuse Consolidation Study (Moved to O&M) CARE Project Completion (Moved to O&M)								
	AJW-GM			1,500,000	750,000	750,000	750,000			750,000
				150,000						
				140,000						
	Total		\$ 350,000	\$ 1,790,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ 750,000
	Grand Total		\$ 9,293,043	\$ 71,987,843	\$ 9,581,843	\$ 9,581,843	\$ 9,581,843	\$ -	\$ -	\$ 9,581,843


 Michael E. Hooker
 Executive Director

10/28/2020
 Date


 Curtis R. Marvin
 Fiscal Officer

10/28/2020
 Date