

Onondaga County Water Authority

Board Approval: 10/24/2018

2019 Capital Budget Summary

Last Revision: 9/29/2018

BUDGET No.	BUDGET AREA	DESCRIPTION:	2018 Approved	Department Request	Engineering Recommend	Executive Recommend	Pending Board Approved			
							Annual Funds	Reserve Funds	Bond Issue	Total Approved
1A	Small Meters	SMALL METER PURCHASE 5/8" (5700)		360,012	345,571	345,571	345,571			
		SMALL METER PURCHASE 5/8" PIT (500)		35,790	34,355	34,355	34,355			
		SMALL METER PURCHASE 5/8" RADIO RD (900)		168,048	161,308	161,308	161,308			
		SMALL METER PURCHASE 5/8" RR PIT (900)		198,045	190,102	190,102	190,102			
		SMALL METER PURCHASE 3/4" (15)		1,263	1,212	1,212	1,212			
		SMALL METER PURCHASE 3/4" PIT (15)		1,405	1,349	1,349	1,349			
		SMALL METER PURCHASE 3/4" RR (15)		3,801	3,649	3,649	3,649			
		SMALL METER PURCHASE 3/4" RR PIT (15)		4,301	4,129	4,129	4,129			
		SMALL METER PURCHASE 3/4" RR PIT (15)		4,348	4,174	4,174	4,174			
		SMALL METER PURCHASE 1" (35)		4,716	4,527	4,527	4,527			
		SMALL METER PURCHASE 1" PIT (35)		11,201	10,752	10,752	10,752			
		SMALL METER PURCHASE 1" RADIO RD (35)		12,368	11,872	11,872	11,872			
		SMALL METER PURCHASE 1" RADIO RD PIT (35)								
		Total			\$ 737,944	\$ 805,298	\$ 773,000	\$ 773,000	\$ 773,000	\$ -
1B	Large Meters	LARGE METER PURCHASE 1 1/2" (20)		12,000	10,860	10,860	10,860			
		LARGE METER PURCHASE 1 1/2"PIT(20)		12,000	10,860	10,860	10,860			
		LARGE METER PURCHASE 1 1/2" RAD. RD. (20)		17,520	15,856	15,856	15,856			
		LARGE METER PURCHASE 1 1/2" RAD. RD. PIT (20)		17,520	15,856	15,856	15,856			
		LARGE METER PURCHASE 2" (20)		14,220	12,869	12,869	12,869			
		LARGE METER PURCHASE 2" PIT (20)		14,220	12,869	12,869	12,869			
		LARGE METER PURCHASE 2" RAD. RD. (20)		20,235	18,313	18,313	18,313			
		LARGE METER PURCHASE 2" RAD. RD.PIT (20)		20,235	18,313	18,313	18,313			
		LARGE METER PURCHASE 3" (6)		7,687	6,957	6,957	6,957			
		LARGE METER PURCHASE 3" RAD. RD. (6)		7,687	6,957	6,957	6,957			
		LARGE METER PURCHASE 4" (6)		13,348	12,080	12,080	12,080			
		LARGE METER PURCHASE 4" RAD. RD. (6)		13,348	12,080	12,080	12,080			
		LARGE METER PURCHASE 6" (4)		15,369	13,909	13,909	13,909			
		LARGE METER PURCHASE 6" RAD. RD. (4)		15,369	13,909	13,909	13,909			
		LARGE METER PURCHASE 8" (2)		12,414	11,235	11,235	11,235			
		LARGE METER PURCHASE 8" RAD. RD. (2)		12,414	11,235	11,235	11,235			
		LARGE METER PURCHASE 10" (2)		16,019	14,497	14,497	14,497			
		LARGE METER PURCHASE 10" RAD. RD. (2)		16,019	14,497	14,497	14,497			
		4" FIRELINE METER (1)		5,038	4,559	4,559	4,559			
		6" FIRELINE METER (1)		6,705	6,068	6,068	6,068			
		8" FIRELINE METER (1)		10,038	9,084	9,084	9,084			
		10" FIRELINE METER (1)		14,358	12,994	12,994	12,994			
		1 1/2" HYD. METER (20)		9,287	8,405	8,405	8,405			
					-	-	-			
					-	-	-			
		4" OMNI T2 Water Meters (2 for year) (Operations Dept.)		3,452	3,125	3,125	3,125			
		6" OMNI T2 Water Meters (2 for year) (Operations Dept.)		6,214	5,624	5,624	5,624			
		8" OMNI T2 Water Meters (2 for year) (Operations Dept.)		10,546	9,544	9,544	9,544			
		10" OMNI T2 Water Meters (2 for year) (Operations Dept.)		13,751	12,445	12,445	12,445			
Total			\$ 291,267	\$ 337,013	\$ 305,000	\$ 305,000	\$ 305,000	\$ -	\$ -	\$ -

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2A	Small Services	New Services (<=2") -Total Cost		659,000	659,000	659,000	659,000			
		Contributed Capital - \$650,000		(650,000)	(650,000)	(650,000)	(650,000)			
		New Services (<=2") - OCWA Cost = \$9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,000	\$ -	\$ -	\$ -
3A	Main Extensions (MEC)	Main Extension Contracts - Total Cost		900,000	900,000	900,000	900,000			
		Contributed Capital - \$770,000		(770,000)	(770,000)	(770,000)	(770,000)			
		Main Extension Contracts - OCWA Cost = \$130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ -	\$ -	\$ -
JO	Job Orders	Job Orders (capital) - Total Cost		200,000	200,000	200,000	200,000			
		Contributed Capital - \$200,000		(200,000)	(200,000)	(200,000)	(200,000)			
		Job Orders (capital) - OCWA Cost = \$0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3B	System Betterment	Various System Betterments	2,500,000	3,000,000	3,000,000	3,000,000	3,000,000			
Total			\$ 2,500,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ -	\$ -	\$ -
3C	New Hydrants	New Hydrants	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000			
3D	DOT Relocation	Onondaga County D.O.T. Projects	\$ 275,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			
4A	Valve Replacements	New Valves	\$ 375,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000			
4B	Hydrant Replacements	(100) Hydrant Replacements	\$ 350,000	\$ 420,000	\$ 400,000	\$ 400,000	\$ 400,000			

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							Annual Funds	Reserve Funds	Bond Issue	Total Approved
5A	Light Vehicles	Replace 2008 Meter Reader truck# 2551 with 94,000 miles, order new 2019 SUV, 4X4, with beacon light, OCWA		34,000	34,000	34,000	34,000			
		Replace 2013, Distribution Oswego, truck # 2574 with 86,000 miles, order new 2019 3/4 ton pickup truck, 4X4, snowplow, toolboxes. Beacon light, OCWA Radio & Decals		39,000	39,000	39,000	39,000			
		MWB Initial 2019, 1 ton cargo van, electrician shelving, parts cabinets, tow hitch, two beacon lights, OCWA radio, and decals, for John White		48,000	48,000	48,000	48,000			
		Replace 2010 MWB WTP Ford Explorer with 92,000 miles, order new 2019 SUV, 4X4, beacon light OCWA radio and decals		37,000	37,000	37,000	37,000			
		Replace 2009 Meter Reader truck# 2550 with 92,000 miles, order new 2019 SUV 4x4 with beacon light, OCWA & decals		35,500	35,500	35,500	35,500			
		Replace 2008 Meter Reader truck# 2551 with 94,000 miles, order new 2019 SUV, 4X4, with beacon light, OCWA radio & decals		33,500	33,500	33,500	33,500			
		Initial new 2019, 3/4" ton cargo van for Distribution Locator with interior shelving, running boards, beacon light, OCWA radio & decals		36,500	36,500	36,500	36,500			
		Initial new 2019, 1/2 ton 4X4, pickup truck for Distribution Night Shift Supervisor, with toolboxes, beacon lights, OCWA radio & decals		33,500	33,500	33,500	33,500			
		Replace 2014 Distribution Assistant Supervisor truck# 2581 with 94,000 miles, order new 2019 1/2 ton pickup truck 4x4, with toolboxes, beacon light, OCWA radio & decals		33,500	33,500	33,500	33,500			
		Replace 2013 Meter Repair van# 3024 with 94,000 miles, order new 2019, 3/4 ton cargo van with interior shelving, two beacon lights, OCWA radio & decals		36,500	36,500	36,500	36,500			
		Initial new 2019, 3/4 ton cargo van for Operations Instrumentation, with interior shelving, two beacon lights, OCWA radio & decals		36,500	36,500	36,500	36,500			
		Replace 2006 Storeroom truck# 2523 with 90,000 miles, order new 2019, 1/2 ton pickup truck, 4X4, beacon light, OCWA radio & decals		34,000	34,000	34,000	34,000			
		Replace 2011 Meter Repair truck# 2561 with 45,000 miles, order new 2019, 1/2 ton pickup truck, 4X4, beacon light, toolboxes, OCWA radio & decals		33,500	33,500	33,500	33,500			
		Replace 2015 Distribution Locator van# 3031 with 75,000 miles, order new 2019 3/4 ton cargo van with two beacon lights, shelving, OCWA radio & decals		36,500	36,500	36,500	36,500			
		Replace 2014 Meter Repair van# 3028 with 68,000 miles, order new 2019 3/4 ton cargo van with two beacon lights, shelving, OCWA radio & decals		36,500	36,500	36,500	36,500			
Replace 2011 MWB WTP truck# 2559 with 75,000 miles, order new 2019 1/2 ton pickup truck with beacon light, toolboxes, OCWA radio & decals		34,000	34,000	34,000	34,000					
Replace 2008 Engineering truck# 2546, with 40,000 miles, order new 2019 SUV with beacon light, decals.		34,000	-	-						
	Total		\$ 834,500	\$ 612,000	\$ 578,000	\$ 578,000	\$ 578,000	\$ -	\$ -	\$ -

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5B	Heavy Vehicles	(4 EA) 6 WHEELED DUMP TRUCKS		580,000	580,000	580,000	580,000			
		(4 EA) RUBBER Tired BACKHOES		345,000	345,000	345,000	345,000			
		(4 EA) F550 CREW TRUCKS		500,000	500,000	500,000	500,000			
		(2 EA) 15-TON EQUIPMENT TRAILERS		50,000	50,000	50,000	50,000			
		(1 EA) DUMP TRAILER (OSWEGO)		6,500	6,500	6,500	6,500			
		(1 EA) EXCAVATOR		175,000	-	-	-			
		(1 EA) Dozer		100,000	100,000	100,000	100,000			
	Total		\$ 1,108,000	\$ 1,756,500	\$ 1,581,500	\$ 1,581,500	\$ 1,581,500	\$ -	\$ -	\$ -
5C	Field Equipment	TRIMBLE NOMAD 900B NEPTUNE HANDHELD DATA COLLECTOR WITH NEPTUNE R900 BELT CLIP RECEIVER & POCKET PROREADER RF SYSTEM COMPLETE - INCLUDES ALL BATTERIES, CHARGERS, CABLES, ETC. (2 COMPLETE UNITS)		16,000	16,000	16,000	16,000			
	Meter Repair									
	Marcellus WTP									
	Ontario WTP									
	Operations		Boom lift - operations		62,000	62,000	62,000	62,000		
		Bobcat compact track loader w/brushcat and forestry cutter		100,000	100,000	100,000	100,000			
		Ferris 61" Zereturn mower(8503)		8,000	8,000	8,000	8,000			
	Distribution	(1 EA) PRESSURE WASHER (NORTHERN CONCOURSE)		10,000	10,000	10,000	10,000			
	Total	Field Equipment	\$ 680,000	\$ 196,000	\$ 196,000	\$ 196,000	\$ 196,000	\$ -	\$ -	\$ -
5D	Office Equipment									
	Operations									
	Marcellus WTP									
	Engineering	InfoWater Uni-Directional Flushing Module		20,000	20,000	20,000	20,000			
	IT									
	Total		\$ 274,600	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -
5E	Radio & Lab Equipment									
	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5F	Safety Equipment									
	Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

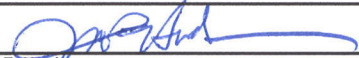
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BUDGET No.	BUDGET AREA	DESCRIPTION:	2018 Approved	Department Request	Engineering Recommend	Executive Recommend	Annual Funds	Reserve Funds	Bond Issue	Total Approved
6A	Building Improvements	Northern Concourse modifications		315,000	315,000	-				
		Vehicle garage and storage facility - Oswego		750,000	-	-				
		Northern Concourse paving and sealing		50,000	50,000	25,000	25,000			
		Security, fire CO system upgrades		300,000	300,000	100,000	100,000			
		Northern Concourse washbay and oil water separator		1,250,000	1,250,000	-	-			
		(1 EA) TOP SOIL / ROCK SALT STORAGE STRUCTURE (FAIRMOUNT)		10,000	10,000	10,000	10,000			
		AC Unit for Server Room IT		15,000	15,000	-	-			
	Operations	upgrade NC pumping fixtures to sensors		26,500	-	-	-			
		Carpet - Bus Office								
		7 CSR offices at \$1056 each		7,500	7,500	7,500	7,500			
		1 Cust Serv Manager Office at \$2100 each		2,100	2,100	2,100	2,100			
		1 Mailroom at \$1750 each		1,750	1,750	1,750	1,750			
		1 Cust Serv Conference Room		1,300	1,300	1,300	1,300			
Total			\$ 1,365,000	\$ 2,729,150	\$ 1,952,650	\$ 147,650	\$ 147,650	\$ -	\$ -	\$ -
7	Telemetering									
Total			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Control Valves	Flow control facility repairs Paint and repair of piping in vaults Alverna Heights Pit Replacement		100,000 100,000	100,000 100,000	- -				
Total			\$ 400,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
9	Pumping Stations	Park St, Howlett Hill, Wolf St. PS Upgrades (Design)		250,000	-					
		Raw Water Surge Pit Work		500,000	-					
		Farrell Control Structure Rehab		500,000	50,000	50,000	50,000			
		Groiler Evaluation		25,000	25,000					
		Farrell Pump 11 and 15 Repairs - In Dave D Budget?		120,000	120,000					
	Operations	7th North PS crane upgrade (8503)		40,200	-	-	-			
		Farrell Tan barn crane upgrade (8503) PM on FPS Drives/Soft starters		45,000 47,000	- 47,000	- -	- -			
Total			\$ 24,600	\$ 1,527,200	\$ 242,000	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -

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10	Filter Plant	LOWTP Electrical (Substations + Generators+Engineering)		6,000,000	6,000,000	7,000,000			7,000,000			
		LOWTP Plant Improvements Piloting (End of Basis of Design)		250,000	250,000	250,000	250,000					
		LOWTP Detailed Design Phase 1		1,500,000	1,500,000	1,500,000	1,500,000					
	Marcellus WTP	Men's and Women's Bathroom Renovation at WTP		50,000	-	-	-					
		Bird Abatement System for Loading Dock filter plant		10,000	10,000	-	-					
		Overhead door and Loft storage area on Pole barn filter part		30,000	30,000	-	-					
		Men's and Women's Bathroom Renovation at WTP.		50,000	50,000	10,000	10,000					
		Paint floors in main level corridors / Sodium Hypochlorite Room / BW Pump Station, Both Stairwells.		22,578	22,578							
		Generator Upgrade at Intake Site. Evaluation and Design.		50,000	50,000	25,000	25,000					
		5 Year Inspections for Chemical Bulk Storage Tanks.		41,000	41,000							
LOWTP	CO2 Tank emergency vent LOWTP		16,000	16,000	16,000	16,000						
Total			\$ 3,930,000	\$ 8,019,578	\$ 7,969,578	\$ 8,801,000	\$ 1,801,000	\$ -	\$ 7,000,000	\$ -		
11	Reservoirs & Tanks	Warners Tank Replacement (Design)		150,000	150,000	150,000	150,000					
		Skyview Tanks Replacement (Construction)		2,250,000	2,250,000	2,250,000			2,250,000			
		Southwood Tank (Construction w/ Skyview)		1,500,000	1,500,000	1,500,000			1,500,000			
		Tank Painting		250,000	250,000	-	-					
		Fairmount Reservoir Replacement Basis of Design		200,000	200,000	200,000	200,000					
		Salt Springs Rehab (Design)		50,000	50,000	50,000	50,000					
		Concrete Tank Repairs		150,000	150,000	150,000	150,000					
		Tank Washing Round 3		50,000	50,000							
		Total			\$ 3,350,000	\$ 4,600,000	\$ 4,600,000	\$ 4,300,000	\$ 550,000	\$ -	\$ 3,750,000	\$ -
		12	Source of Supply	Ontario Raw Water Tunnel Assessment		200,000	200,000	200,000	200,000			
Otisco Lake Intake site improvements				1,400,000	100,000	100,000	100,000					
Hydraulic Analysis Otisco WTP to Fairmount				50,000	-	-	-					
Otisco Transmission main valve replacements				200,000	-	-	-					
Nine mile creek bank stabilization												
Total			\$ 1,700,000	\$ 1,850,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -		
MAJOR	Other Projects	Pipe Bridge Renovations (Design + Permits), Construct 2020?		100,000	100,000	100,000	100,000					
		North Shore Transmission Main		1,800,000	1,800,000							
		Ontario Raw+Clear Trans Main Inspection		2,000,000	-	-	-					
		CARE Project closeout		100,000	100,000							
		Otisco Dam Training Wall Rehab		250,000	250,000	250,000	250,000					
Total			\$ 1,200,000	\$ 4,250,000	\$ 2,250,000	\$ 350,000	\$ 350,000	\$ -	\$ -	\$ -		
Grand Total			\$ 19,564,911	\$ 31,221,739	\$ 25,266,728	\$ 21,701,150	\$ 10,951,150	\$ -	\$ 10,750,000	\$ 21,701,150		

  
**Michael E. Hooker**  
 Executive Director

10/24/2018  
 Date

  
**Curtis R. Marvin**  
 Fiscal Officer

10/24/2018  
 Date