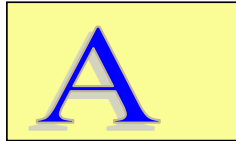


City of Canandaigua Sewer System Capital Plan - Infrastructure and Related Equipment - 2010 - 2028

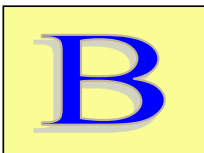
<u>County</u>	<u>City</u>	<u>Project</u>	<u>BUDGET</u> <u>2016</u>	<u>PROJECTION</u> <u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
0.0%	100.0%	<u>Sewer Main Replacement:</u>											
		Lakeshore Drive											
		Total	-	-	-	-	-	-	-	-	-	-	-



		Beginning Balance	-	-	-	-	-	-	-	-	-	-	-
		Contribution	-	-	-	-	-	-	-	-	-	-	-
		Purchases	-	-	-	-	-	-	-	-	-	-	-
		Ending Balance	-	-	-	-	-	-	-	-	-	-	-
302		City - 100%	-	-	-	-	-	-	-	-	-	-	-
		County - 0%	-	-	-	-	-	-	-	-	-	-	-
		Total Contribution	-	-	-	-	-	-	-	-	-	-	-

Collection System:

50.0%	50.0%	Charlotte Street Sewer											
50.0%	50.0%	Other Sewer Work			175,000		200,000			200,000			200,000
		Total	-		175,000	-	200,000	-	-	200,000	-	-	200,000

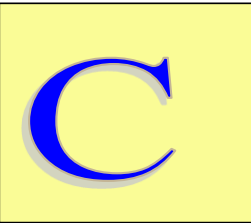


		Beginning Balance	288,000	288,000	350,000	237,000	299,000	161,000	223,000	285,000	147,000	209,000	271,000
		Contribution	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000
		Purchases	-		(175,000)	-	(200,000)	-	-	(200,000)	-	-	(200,000)
		Ending Balance	350,000	350,000	237,000	299,000	161,000	223,000	285,000	147,000	209,000	271,000	133,000
		City - 50%	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000
		County - 50%	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000	31,000
		Total Contribution	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000	62,000

City of Canandaigua Sewer System Capital Plan - Infrastructure and Related Equipment - 2010 - 2028

<u>County</u>	<u>City</u>	<u>Project</u>	BUDGET	PROJECTION	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
			<u>2016</u>	<u>2016</u>									
		<u>Facility Improvements:</u>											
41.0%	59.0%	EFC Existing Debt	116,626	116,626.00	119,577	117,469	120,168	118,658	121,874	115,984	115,984		
41.0%	59.0%	EFC Administration	1,986	1,986.00	1,724	1,450	1,174	886	600	300			
41.0%	59.0%	RBC Shaft Replacement											
41.0%	59.0%	Feasibility Study											
41.0%	59.0%	Engineering (GHD)											
41.0%	59.0%	Bond Payments (\$7,000,000, 20yr, 5.75%	382,894	382,894.00	383,767	384,569	383,869	378,069	382,269	381,269	385,169	388,869	387,369
41.0%	59.0%	BAN - Cash Flow [1]											
41.0%	59.0%	Other Costs											
41.0%	59.0%	Waste Hauler tank [2]											
41.0%	59.0%	WWTF SCADA System (Zeller)						200,000					
41.0%	59.0%	Chlorine Tank By-pass Line											
41.0%	59.0%	Sludge Recirculation Pump Replacement											
41.0%	59.0%	STP Generator #1											
41.0%	59.0%	Screw Pump #1 Replacement											
41.0%	59.0%	Screw Pump #1 Installation											
41.0%	59.0%	STP Belt Filter Replacement											320,000
41.0%	59.0%	STP Secondary Clarifiers Rack/Pinion Repairs											
41.0%	59.0%	STP Chemical Storage Tank Replacement											
41.0%	59.0%	Sludge Thickener Tanks											
41.0%	59.0%	STP Mechanical Bar Screen Replacement	318,645	318,645.00									
41.0%	59.0%	Low-Voltage Electric Panels Replacement											
41.0%	59.0%	RBC Cover								300,000			
41.0%	59.0%	Plant Roofs										290,000	
41.0%	59.0%	Other Plant Improvements	57,105	-	-	150,000	300,000	100,000	150,000	100,000	150,000	100,000	100,000
41.0%	59.0%	HVAC Engineering	12,250	-	25,000								
41.0%	59.0%	HVAC Improvements			75,000								
41.0%	59.0%	2nd clarifier Controls											
41.0%	59.0%	Grit Classifier	47,000	47,000.00									
41.0%	59.0%	Digester Repairs	10,000										
41.0%	59.0%	Architectural /Enginnering Review.Design	1,270.03	1,270.03	-								
		Total	947,775.28	868,421.03	605,068	653,488	805,211	797,612	654,742	897,553	651,153	778,869	807,369

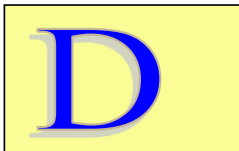
City of Canandaigua Sewer System Capital Plan - Infrastructure and Related Equipment - 2010 - 2028

County	City	Project	BUDGET	PROJECTION									
			2016	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
		Beginning Balance	1,583,474	1,583,473.55	1,450,848	1,660,289	1,923,403	2,037,426	2,160,188	2,527,048	2,654,765	2,980,160	3,181,093
		Contibution	600,000	600,000.00	600,000	700,000	700,000	700,000	800,000	800,000	750,000	750,000	750,000
		Purchases	(947,775)	(868,421.03)	(605,068)	(653,488)	(805,211)	(797,612)	(654,742)	(897,553)	(651,153)	(778,869)	(807,369)
		Outside Waste Revenue	200,000	200,000.00	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
		Sale of Equipment											
		Interest	15,150	921.59	14,508	16,603	19,234	20,374	21,602	25,270	26,548	29,802	31,811
		Ending Balance	1,450,848	1,515,974.11	1,660,289	1,923,403	2,037,426	2,160,188	2,527,048	2,654,765	2,980,160	3,181,093	3,355,535
		City - 59%	354,000	354,000.00	354,000	413,000	413,000	413,000	472,000	472,000	442,500	442,500	442,500
		County - 41%	246,000	246,000.00	246,000	287,000	287,000	287,000	328,000	328,000	307,500	307,500	307,500
		Total Contribution	600,000	600,000.00	600,000	700,000	700,000	700,000	800,000	800,000	750,000	750,000	750,000

Pump Station

Lakeshore Pump Replacement-
Design/Constuction (Larsen)

54.5%	45.5%										200,000		
54.5%	45.5%	Construction (Villager/Blackmon Farrell))											
		Total	-	-	-	-	-	-	-	-	200,000	-	-



		Beginning Balance	(90,945)	(90,945)	9,055	99,055	189,055	269,055	349,055	429,055	509,055	389,055	449,055
		Contibution	100,000	100,000	90,000	90,000	80,000	80,000	80,000	80,000	80,000	60,000	40,000
		Purchases	-	-	-	-	-	-	-	-	(200,000)	-	-
		Ending Balance	9,055	9,055	99,055	189,055	269,055	349,055	429,055	509,055	389,055	449,055	489,055
		City - 45.5%	45,500	45,500	40,950	40,950	36,400	36,400	36,400	36,400	36,400	27,300	18,200
		County - 54.5%	54,500	54,500	49,050	49,050	43,600	43,600	43,600	43,600	43,600	32,700	21,800
		Total Contribution	100,000	100,000	90,000	90,000	80,000	80,000	80,000	80,000	80,000	60,000	40,000

City of Canandaigua Sewer System Capital Plan - Infrastructure and Related Equipment - 2010 - 2028

County	City	Project	BUDGET	PROJECTION											
			2016	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		
<u>Collection System Vehicles:</u>															
11.25%	88.75%	10 Wheel Dump Truck													
11.25%	88.75%	Sewer Flush Truck (T36)													
11.25%	88.75%	Backhoe								60,000					
11.25%	88.75%	Pickup (T65)						22,000							
11.25%	88.75%	1 Ton Dump Truck (T32, masons)			38,000				-						38,500
Total			-		38,000	-		22,000	-	60,000	-	-	-	-	38,500



Beginning Balance	(93,258)	(93,258)	(43,258)	(46,258)	(11,258)	1,742	31,742	6,742	41,742	76,742	111,742
Contibution	50,000	50,000	35,000	35,000	35,000	30,000	35,000	35,000	35,000	35,000	35,000
Purchases	-	-	(38,000)	-	(22,000)	-	(60,000)	-	-	-	(38,500)
Ending Balance	(43,258)	(43,258)	(46,258)	(11,258)	1,742	31,742	6,742	41,742	76,742	111,742	108,242
City - 88.75%	44,375	44,375	31,063	31,063	31,063	26,625	31,063	31,063	31,063	31,063	31,063
County - 11.25%	5,625	5,625	3,938	3,938	3,938	3,375	3,938	3,938	3,938	3,938	3,938
Total Contribution	50,000	50,000	35,000	35,000	35,000	30,000	35,000	35,000	35,000	35,000	35,000

Plant Vehicles:

30.00%	70.00%	Pickup (T67)						25,000				
30.00%	70.00%	Pickup (T62)							25,000			
Total			-	-	-	-	25,000	-	25,000	-	-	-



Beginning Balance	11,795	11,795	19,795	27,795	35,795	43,795	26,795	34,795	17,795	25,795	33,795
Contibution	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
Purchases	-	-	-	-	-	(25,000)	-	(25,000)	-	-	-
Ending Balance	19,795	19,795	27,795	35,795	43,795	26,795	34,795	17,795	25,795	33,795	41,795
City - 70.00%	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
County - 30.00%	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Total Contribution	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000

City of Canandaigua Sewer System Capital Plan - Infrastructure and Related Equipment - 2010 - 2028

County City

Project

BUDGET	PROJECTION											
<u>2016</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>		

Summary:



Beginning Balance	2,087,923	2,087,923.23	2,243,002	2,423,434	2,881,549	2,958,572	3,236,334	3,728,194	3,815,911	4,126,306	4,492,238
Contibution:											
City From Reserve 301	-	-	-	-	-	-	-	-	-	-	-
City From Reserve 302	-	-	-	-	-	-	-	-	-	-	-
From Sewer Fund	480,475.00	480,475.00	462,612.50	521,612.50	517,062.50	512,625.00	576,062.50	576,062.50	546,562.50	537,462.50	528,362.50
County	339,525.00	339,525.00	332,387.50	373,387.50	367,937.50	367,375.00	408,937.50	408,937.50	388,437.50	377,537.50	366,637.50
	<u>820,000.00</u>	<u>820,000.00</u>	<u>795,000.00</u>	<u>895,000.00</u>	<u>885,000.00</u>	<u>880,000.00</u>	<u>985,000.00</u>	<u>985,000.00</u>	<u>935,000.00</u>	<u>915,000.00</u>	<u>895,000.00</u>
Purchases - Capital	(446,270.03)	(366,915.03)	(313,000.00)	(653,488)	(1,027,211)	(822,612)	(714,742)	(1,122,553)	(851,153)	(778,869)	(1,045,869)
Purchases - Debt	(501,505.25)	(501,506.00)	(505,067.85)								
Outside Waste Revenue	200,000	200,000.00	200,000.00	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Sale of equipemnt											
Interest	15,150	3,500.00	3,500.00	16,603	19,234	20,374	21,602	25,270	26,548	29,802	31,811
Ending Balance	2,175,297.66	2,243,002.20	2,423,434	2,881,549	2,958,572	3,236,334	3,728,194	3,815,911	4,126,306	4,492,238	4,573,181
Projected Contributions:											
City	480,475	480,475	462,612.50	521,613	517,063	512,625	576,063	576,063	546,563	537,463	528,363
City - Additional Fund 302											
County	339,525	339,525	332,387.50	373,388	367,938	367,375	408,938	408,938	388,438	377,538	366,638
	<u>820,000</u>	<u>820,000</u>	<u>795,000.00</u>	<u>895,000</u>	<u>885,000</u>	<u>880,000</u>	<u>985,000</u>	<u>985,000</u>	<u>935,000</u>	<u>915,000</u>	<u>895,000</u>