

Appendix G
Capital Costs and Phasing of Recommended Works

**Long Term Water Project Master Plan Update
Summary and Phasing of Capital Works
Table G1: York Water System**

Water System	Pressure District/Service Area	Facility Type	Location	Description	Details	Sum of 2003	Sum of 2004	Sum of 2005	Sum of 2006	Sum of 2007	Sum of 2008	Sum of 2009	Sum of 2010	Sum of 2011	Sum of 2012-2016	Sum of 2017-2026	Sum of 2027-2036	Sum of Total Capital Cost			
York Water System	PD 4	Pumping Station	Ellesmere PD 4 PS	Pumps water from Ellesmere Reservoir to PD 4	26 MLD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,061,000	\$ -	\$ -	\$ -	\$ 2,061,000			
		Watermains	East Markham Supply	East Markham Supply	8734 m, 1350 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,082,000	\$ 5,311,500	\$ 5,311,500	\$ -	\$ -	\$ -	\$ 17,705,000		
	PD 5	Decommission	East Woodbridge ET	Decommission East Woodbridge ET		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000		
			East Woodbridge PS	Decommission East Woodbridge PS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	
		Storage Facilities	North Kleinburg Reservoir	To supply PD 5 including East Woodbridge	14.2 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,895,000	\$ -	\$ 3,895,000		
		Supply & Treatment	Pressure Reduction Station from York-Peel Feedermain	Highway 27/Rutherford Road		\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	
		Watermains	Highway 27 North	Rutherford Road to Kleinburg Reservoir	5306 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,243,000	\$ -	\$ -	\$ 5,243,000	
		McCowan Road	Steeles Ave to 14th Ave	2116 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,418,000	\$ 1,418,000		
	PD 6	Pumping Station	Markham East BPS	Pumps water from PD 4 Toronto supply to PD 6 to supply Markham	178 MLD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,367,000	\$ -	\$ -	\$ -	\$ 9,367,000		
			Peel PD 6 PS	Pumps water from Peel Reservoir to PD 6	388 MLD	\$ -	\$ 8,648,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,648,500	\$ -	\$ -	\$ -	\$ 17,297,000	
		Storage Facilities	North Markham Reservoir	To supply the east side of PD 6 including Markham	60 ML	\$ 454,550	\$ 4,090,950	\$ 4,545,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,091,000	
		Supply & Treatment	Pressure Reduction Station from York-Peel Feedermain	Huntington/Rutherford Road		\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	
		Watermains	16th Avenue	Markham By-Pass to 9th Line	2095 m, 1500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,704,000	\$ 1,704,000	\$ 2,272,000	\$ -	\$ -	\$ -	\$ 5,680,000	
			9th Line/Markham By-Pass	16th Avenue to Major Mackenzie Road	2562 m, 1500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,083,800	\$ 2,083,800	\$ 2,778,400	\$ -	\$ -	\$ -	\$ 6,946,000	
			Major Mackenzie Drive	Hwy. 404 Crossing Major Mackenzie Drive	392 m, 1050 mm.	\$ -	\$ -	\$ -	\$ 1,568,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,568,000	
				Kennedy Rd to McCowan Rd.	2163 m, 1050 mm.	\$ -	\$ 641,200	\$ 1,923,600	\$ 641,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,206,000
				Leslie St to Kennedy Road	4632 m, 1050 mm.	\$ -	\$ 1,373,000	\$ 1,373,000	\$ 4,119,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,865,000
				Markham By-Pass to McCowan	3050 m, 1500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,480,700	\$ 2,480,700	\$ 3,307,600	\$ -	\$ -	\$ -	\$ -	\$ 8,269,000
				McNaughton Rd. to Bathurst St.	3300 m, 900 mm.	\$ -	\$ 3,885,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,885,000
				Pugsley Ave. S. to Leslie Street	2660 m, 750 mm.	\$ -	\$ -	\$ 1,395,900	\$ 1,706,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,102,000
			Markham By-Pass	Proposed Markham East PS to 16th Ave	2047 m, 1500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,665,000	\$ 1,665,000	\$ 2,220,000	\$ -	\$ -	\$ -	\$ -	\$ 5,550,000
			McCowan Road	Major Mackenzie Dr. to N. Markham Reservoir	7188 m, 1050 mm.	\$ 532,650	\$ 10,120,350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,653,000
			McNaughton Road	Keele St. to Major Mackenzie Dr.	1540 m, 900 mm.	\$ 2,156,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,156,000
			Rutherford Road	Dufferin Street to Bathurst Street	2035 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,433,000	\$ -	\$ 1,433,000
				Keele Street to Dufferin Street	2138 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 602,400	\$ 903,600	\$ -	\$ -	\$ -	\$ -	\$ 1,506,000
	York-Peel Feedermain - Weston Road		Major Mackenzie Drive to New Subdiv. Rd	500 m, 1500 mm.	\$ 271,200	\$ 1,084,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,356,000	
	York-Peel Feedermain - Castlemore Road		Rutherford Rd. to Major Mackenzie Drive	2087 m, 1500 mm.	\$ 5,658,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,658,000	
		Goreway Dr to Highway 50	5469 m, 1800 mm.	\$ 4,072,400	\$ 16,289,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,362,000		
	York-Peel Feedermain - Rutherford Road	Peel Reservoir to Castlemore Road	1270 m, 1800 mm.	\$ 850,000	\$ 3,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,250,000		
		Highway 50 to Huntington Road	2634 m, 1800 mm.	\$ 1,762,800	\$ 7,051,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,814,000		
		Huntington Road to Hwy 27	1778 m, 1800 mm.	\$ 7,120,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,120,000		
		Hwy 27 to Weston Road	6138 m, 1800 mm.	\$ 4,107,600	\$ 16,430,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,538,000		
	York-Peel Feedermain - Teston Road	Highway 400 crossing	571 m, 1500 mm.	\$ 1,285,000	\$ 1,285,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,570,000		
	Highway 400 to Keele St	3220 m, 1500 mm.	\$ 4,365,000	\$ 4,365,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,730,000			
	Keele St to Maple Reservoir	645 m, 1200 mm.	\$ 547,000	\$ 547,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,094,000			
	Maple Res to McNaughton	1040 m, 1200 mm.	\$ 881,500	\$ 881,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,763,000			
	New Subdiv. Rd. to Highway 400	2206 m, 1500 mm.	\$ 3,334,500	\$ 3,334,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,669,000			

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Water System	Pressure District/Service Area	Facility Type	Location	Description	Details	Sum of 2003	Sum of 2004	Sum of 2005	Sum of 2006	Sum of 2007	Sum of 2008	Sum of 2009	Sum of 2010	Sum of 2011	Sum of 2012-2016	Sum of 2017-2026	Sum of 2027-2036	Sum of Total Capital Cost			
York Water System	PD 7	Pumping Station	Richmond Hill PD 7 PS Upgrade	Pumps water from PD 6 to PD 7 supplying North Richmond Hill Reservoir	15.3 MLD	\$ -	\$ -	\$ 135,800	\$ 1,222,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,358,000		
			South Maple PD 7 PS Upgrade	Pumps water from PD 6 to PD 7 supplying North Maple Reservoir	40.2 MLD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,452,000	\$ 1,452,000	\$ -	\$ -	\$ -	\$ 2,904,000	
		Storage Facilities	North Bayview Reservoir	To supply the new development area at the east side of PD 7	10 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,169,000	\$ 3,169,000	
			Watermains	Bathurst St	Major Mackenzie to Carrington Elgin Mills to North Richmond Hill Reservoir	198 m, 300 mm. 1507 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,300	\$ 63,700	\$ -	\$ -	\$ -	\$ -	\$ 91,000
		Watermains		Bayview Avenue	19th Avenue to North Bayview Reservoir Elgin Mills to 19th Avenue	1853 m, 600 mm. 2145 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,305,000	\$ 1,305,000
			Watermains	Dufferin Street	Major Mackenzie to Rutherford Road	2071 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,388,000	\$ 1,388,000
York Water System	PD 8	Watermains		Elgin Mills Road	Bayview Ave. to Hwy 404	3619 m, 750 mm.	\$ 2,110,000	\$ 2,110,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,220,000	
			Enford Rd. to Bayview Ave.	1576 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ 78,750	\$ 708,750	\$ 787,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,575,000	
			Hwy. 404 to Woodbine	1090 m, 600 mm.	\$ -	\$ -	\$ 416,700	\$ 509,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 926,000	
			Enford Rd. to Bathurst St	2406 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 841,800	\$ 1,964,200	\$ -	\$ -	\$ -	\$ 2,806,000	
			Hwy. 404 Crossing	#N/A	\$ 767,500	\$ 767,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,535,000	
			Major Mackenzie	Newkirk Rd to Bayview Ave.	819 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 208,800	\$ 487,200	\$ -	\$ -	\$ -	\$ 696,000	
			Richmond Hill Pd 7 PS to Newkirk Rd	305 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,800	\$ 249,200	\$ -	\$ -	\$ -	\$ 356,000	
			Richmond Hill Pd 7 PS to Bathurst St	#N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 396,600	\$ 925,400	\$ -	\$ -	\$ -	\$ 1,322,000	
		Rutherford Road	Dufferin St to Keele St	2410 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,615,000	\$ 1,615,000		
		Pugsley/Enford	Richmond Hill PS to Elgin Mills	2356 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 824,400	\$ 1,923,600	\$ -	\$ -	\$ -	\$ 2,748,000	
		North Maple Reservoir	Existing 400 mm Reservoir Connection Upgrade	63.6 m, 900 mm.	\$ -	\$ -	\$ 40,500	\$ 49,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	
		Pumping Station	Maple PD 8 PS	Pumps water from PD 6 (Peel Supply) directly to PD 8 supplying both Jefferson Reservoir and proposed Break Pressure Tank	136 MLD	\$ -	\$ -	\$ 757,800	\$ 6,820,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,578,000
			Storage Facilities	Bathurst Reservoir	To supply the PD Aurora Central directly from PD 8	10 ML	\$ 158,450	\$ 3,010,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,169,000
		Supply & Treatment	Watermains	Pressure Reduction Station from Aurora/Newmarket Feedermain	at Jefferson Reservoir	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Bathurst Street	Gamble Rd. to Jefferson Reservoir Jefferson Reservoir to King-Vaughan Rd. King-Vaughan Rd. to South Aurora Res			1416 m, 750 mm. 530.722 m, 1200 mm. 4048 m, 1200 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 1,400,000		
Watermains	Keele Street	Teston Rd. to King-Vaughan Rd.	4195.928 m, 1200 mm.	\$ 355,650	\$ 3,200,850	\$ 3,556,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,113,000			
		King-Vaughan Road	Keele St. to Bathurst Ave.	4167 m, 1200 mm.	\$ 353,200	\$ 3,178,800	\$ 3,532,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,064,000		
York Water System	PD 9	Decommission	Oak Ridges ET	Decommission Oak Ridges ET	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000		
			Pumping Station	Jefferson PD 9 PS Orchard Heights PS	Pumps water from PD 8 directly to PD 9 supplying both Oak Ridges ET and proposed Bloomington ET (blank)	8.3 MLD 6.3 MLD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 839,000	\$ -	\$ -	\$ 839,000	
		Storage Facilities	Bond Lake Elevated Tank	To supply the Town of Oak Ridges	7.55 ML	\$ -	\$ -	\$ -	\$ 131,550	\$ 2,499,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,631,000	
			Oak Ridges ET Replacement	To supply the Town of Oak Ridges	7.55 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 131,550	\$ 2,499,450	\$ -	\$ -	\$ -	\$ 2,631,000	
		Watermains	Bayview Ave	Lake Rd to Bloomington Rd	1569 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,052,000	\$ -	\$ -	\$ 1,052,000	
				Bloomington Rd	Yonge St to Bayview Ave	2440 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,303,000	\$ -	\$ -	\$ 1,303,000	
			Jefferson Sideroad	Jefferson PS to Yonge Street	1959 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 523,500	\$ 523,500	\$ -	\$ -	\$ -	\$ 1,047,000	
				Old Colony Road	Yonge St to Bond Lake ET	1460 m, 300 mm.	\$ -	\$ -	\$ 33,300	\$ 632,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 666,000
Watermains	Yonge Street	Jefferson Sideroad to Old Colony Rd	1985 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 532,000	\$ 798,000	\$ -	\$ -	\$ -	\$ 1,330,000			
		Old Colony Rd to Lake Ave	245 m, 500 mm.	\$ -	\$ -	\$ 8,250	\$ 156,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000		
York Water System	PD 6M	Decommission	Markham PS	Decommission Markham PS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000		
			Wooten Way ET	Decommission Wooten Way ET	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	
York Water System Total						\$ 42,084,100	\$ 100,165,600	\$ 22,909,800	\$ 18,387,550	\$ 2,578,200	\$ 858,750	\$ 15,803,000	\$ 19,017,550	\$ 49,686,450	\$ 5,521,000	\$ 10,721,000	\$ 8,895,000	\$ 296,628,000			

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Yonge St. Aquifer System	Aurora Central	Storage Facilities	Wellington St. Reservoir	Additional storage for PD Aurora Cental	11 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,352,000	\$ 3,352,000		
		Supply & Treatment	Aurora Central	Bathurst St/Bloomington Sdrd			\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
			Aurora Well 1 - 4 site	(blank)			\$ -	\$ 120,000	\$ 2,280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000
			Aurora Well 3, 4, 5	(blank)			\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000
			Aurora Wells 1 - 4	LONG TERM COSTS (iron removal)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,795,000	\$ -	\$ -	\$ 2,795,000
			Aurora Wells 1 - 4 (new treatment facility)	SHORT TERM COSTS (Chlorination/Ammoniation)			\$ 3,135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,300,000
			Aurora Wells 5 & 7	LONG TERM COSTS (iron removal)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,661,000	\$ -	\$ -	\$ 1,661,000
			Aurora Wells 5 & 7	SHORT TERM COSTS (Chlorination/Ammoniation)			\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 170,000
		New Aurora Well 7	(blank)			\$ -	\$ 60,000	\$ 1,140,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000	
		New Aurora Well 8 (Standby)	(blank)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000	\$ 1,875,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	
		Pressure Reduction Station from Aurora/Newmarket Feedermain				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000	
		Watermains	Bathurst Street North	Henderson Ave.	Henderson Ave. to Wellington St.	1780 m, 1050 mm.	\$ -	\$ 131,900	\$ 2,506,100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,638,000
					Henderson Ave. to Wellington St.	2034 m, 1050 mm.	\$ -	\$ 176,150	\$ 3,346,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,523,000
				Wellington St. to Orchard Heights Reservoir	Orchard Hts to St. John's Sdrd	1538 m, 1050 mm.	\$ 133,200	\$ 2,530,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Batson Dr/Old Yonge St				1158 m, 600 mm.	\$ -	\$ -	\$ 49,200	\$ 934,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 984,000
	Bayview Ave			Pederson Dr to St. John's Sdrd	508 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,000	\$ 177,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 295,000
	Bloomington Sideroad			Aurora South Reservoir to Yonge St.	2483 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,477,000	\$ -	\$ -	\$ 3,477,000	
	Leslie Street			Vandorf Sidestreet to Wellington Street	2114 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,489,000	\$ 2,489,000	
	Orchard Hts Dr			Laurentide Ave to Yonge St	440 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 374,000	\$ -	\$ 374,000	
	St John's Sdrd/Yonge St			Old Yonge St to Yonge St. AC/NC PRV	772 m, 600 mm.	\$ -	\$ -	\$ 32,800	\$ 623,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 656,000	
	Vandorf Sideroad			Bayview Ave to Leslie Street	2015 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 948,800	\$ 1,423,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,372,000
			Yonge Street to Bayview Ave	2020 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,378,000	\$ -	\$ -	\$ 2,378,000	
	Wellington St. Reservoir Connection		Leslie St. to Reservoir	448 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 528,000	\$ 528,000	
	Wellington Street		Aurora East PS to Leslie Street	1151 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,355,000	\$ 1,355,000
			Bathurst Street to Industrial Parkway North	3164 m, 900 mm.	\$ 4,208,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,430,000	
			Bathurst Street to Yonge St	2020 m, 900 mm.	\$ -	\$ -	\$ 141,400	\$ 2,686,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,828,000	
	Yonge Street		Bayview Avenue to Aurora East PS	950 m, 900 mm.	\$ -	\$ 55,950	\$ 1,063,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,119,000
			Bloomington Sdrd to Ridge Road	1043 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,461,000	\$ -	\$ -	\$ 1,461,000	
		Mark St to Orchard Hts	560 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,400	\$ 285,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 476,000		
		Ridge Road to Industrial Pkwy. S.	952 m, 900 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,333,000	\$ -	\$ -	\$ 1,333,000		

Long Term Water Project Master Plan Update
Summary and Phasing of Capital Works
Table G1: York Water System

Water System	Pressure District/Service Area	Facility Type	Location	Description	Details	Sum of 2003	Sum of 2004	Sum of 2005	Sum of 2006	Sum of 2007	Sum of 2008	Sum of 2009	Sum of 2010	Sum of 2011	Sum of 2012-2016	Sum of 2017-2026	Sum of 2027-2036	Sum of Total Capital Cost				
Yonge St. Aquifer	Aurora East	Storage Facilities	St. John's Elevated Tank	To supply PD Aurora East	6.4 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,425,000	\$ -	\$ -	2,425,000				
		Supply & Treatment	Aurora Wells 6 & 8	LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	702,000	\$ -	\$ -	702,000			
				SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000		
		Watermains	Leslie Street		From St. John's Tank to Leslie St	493 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	488,000	\$ -	\$ -	488,000		
					From Wellington Street to NE PRV	2422 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	478,600	\$ 1,914,400	\$ -	\$ -	\$ -	\$ -	2,393,000	
	From Aurora East PS to Leslie Street				1053 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	208,200	\$ 832,800	\$ -	\$ -	\$ -	\$ -	1,041,000		
	East Gwillimbury	Decommission	Decommission	Holland Landing Tank	Decommission Holland Landing Tank		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	150,000	\$ -	150,000			
				Sharon ET	Decommission Sharon ET		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	150,000	\$ -	150,000		
	Holland Landing	Supply & Treatment		Holland Landing Well 3	(blank)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 500,000	\$ 1,875,000	\$ -	\$ -	\$ -	\$ -	2,500,000			
				Holland Landing Well 3 (Chlorination/Ammoniation)	SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000	
		Watermains	Mt Albert Sdrd		Holland Landing Well 3 (iron removal)	LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,661,000	\$ -	1,661,000		
					2nd Conc to Leslie Street	1565 m, 450 mm.	\$ -	\$ -	\$ 39,450	\$ 749,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	789,000	
					2nd Conc. to Grist Mill Dr	697 m, 450 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	352,000	\$ -	352,000	
	Newmarket Central	Supply & Treatment		Newmarket 1, 2, 15, 16	(blank)		\$ -	\$ 690,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	690,000			
				LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	419,000		
				SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000	
				LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	419,000	
	Newmarket East	Supply & Treatment		Newmarket Wells 1 & 2	LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	419,000		
				SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000	
				LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,877,000	
SHORT TERM COSTS (Chlorination/Ammoniation)					\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000		
Watermains			Bayview Avenue North	Laurelwood Gate to Mulock Dr	1337 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	775,000	\$ -	775,000			
				Mulock to Davis Dr.	2201 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,275,000	\$ -	1,275,000		
				Eagle St West	Peevers Cres to Yonge St	666 m, 600 mm.	\$ -	\$ -	\$ 113,200	\$ 452,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	566,000	
				Yonge Street	Aurora Central PRV to Savage Rd	1053 m, 600 mm.	\$ -	\$ -	\$ 178,800	\$ 715,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	894,000
					Eagle St to Gladman Ave.	466 m, 600 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	396,000	\$ -	\$ -	396,000
					Mulock Rd. to Eagle St	1000 m, 600 mm.	\$ -	\$ -	\$ 169,800	\$ 679,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	849,000
Newmarket East	Supply & Treatment	Newmarket East	Savage Rd. to Mulock Rd.	422 m, 400 mm.	\$ 122,500	\$ 122,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	245,000				
			From NE to NC Gorham St/Carlson Dr		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50,000		
Newmarket East	Watermains	Leslie Street	PRV to supply PD Newmarket East from proposed St. John's ET	At the connection to the proposed 500 mm watermain in PD Aurora East running along Leslie St.		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50,000	\$ -	50,000				
			Davis Dr. to Stellar Dr.	1239 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,225,000	\$ -	1,225,000		
			From Newmarket East PRV to Davis Drive	3729 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,685,000	\$ -	3,685,000			
Newmarket West	Supply & Treatment		PRV to supply PD Newmarket West from Aurora West	On Bathurst Street at Pressure District Boundary		\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50,000				
			Interconnection between West Newmarket Reservoir and Northwest Elevated Tank	Along Tilston Gr., Heathwood Heights Dr. and Bathurst St. from Northwest Tank to West Newmarket Reservoir.	2976 m, 400 mm.	\$ -	\$ -	\$ 67,150	\$ 1,275,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,343,000		
Queensville	Supply & Treatment		Queensville Wells 1 & 2	LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,214,000	\$ -	2,214,000				
				SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000		
			Queensville Wells 3 & 4	LONG TERM COSTS (iron removal)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,214,000	\$ -	2,214,000		
				SHORT TERM COSTS (Chlorination/Ammoniation)		\$ 161,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170,000	
Yonge St. Aquifer System Total						\$ 8,891,200	\$ 3,932,300	\$ 11,277,800	\$ 8,167,200	\$ -	\$ 250,000	\$ 1,000,000	\$ 5,694,000	\$ 4,633,000	\$ 24,140,000	\$ 8,691,000	\$ 8,949,000	\$ 86,080,000				

Long Term Water Project Master Plan Update
Summary and Phasing of Capital Works
Table G2: Georgina Water System

Water System	Pressure District/Service Area	Facility Type	Location	Description	Details	Sum of 2003	Sum of 2004	Sum of 2005	Sum of 2006	Sum of 2007	Sum of 2008	Sum of 2009	Sum of 2010	Sum of 2011	Sum of 2012-2016	Sum of 2017-2026	Sum of 2027-2036	Sum of Total Capital Cost			
Georgina Water System	Keswick	Storage Facilities	Keswick Tank	Additional storage for Georgina	6.8 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 249,900	\$ 2,249,100	\$ -	\$ -	\$ -	2,499,000			
		Watermains	Boyers Sideroad	Woodbine Ave. to Queensway N.	1070 m, 400 mm.	\$ -	\$ -	\$ -	\$ 24,150	\$ 193,200	\$ 265,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	483,000	
			Metro Road	Georgina WTP to Woodbine Ave.	4110 m, 750 mm.	\$ 2,156,850	\$ 2,396,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,793,000	
			Queensway North	Boyers Sideroad to Reservoir	800 m, 500 mm.	\$ -	\$ -	\$ -	\$ -	\$ 214,000	\$ 214,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	428,000	
			Ravenshoe Road	Woodbine Ave. to Keswick Tank	2950 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,440,000	\$ -	\$ -	3,440,000	
			Woodbine Avenue	Biscayne Blvd. to Glenwoods	1000 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,300	\$ 524,700	\$ 583,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,166,000
				Boyers Sideroad to Old Homestead Rd.	2000 m, 750 mm.	\$ -	\$ 116,600	\$ 2,215,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,332,000
				Glenwoods to Ravenshoe Rd.	2000 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,332,000	\$ -	\$ -	2,332,000
				Metro Road to Boyers Sideroad	3040 m, 750 mm.	\$ -	\$ 177,250	\$ 3,367,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,545,000
				Old Homestead Rd. to Wexford Dr.	1800 m, 750 mm.	\$ -	\$ -	\$ -	\$ -	\$ 104,950	\$ 944,550	\$ 1,049,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,099,000
	Wexford Dr. to Biscayne Blvd. (parallel exist.)	1800 m, 450 mm.	\$ -	\$ -	\$ -	\$ -	\$ 57,350	\$ 516,150	\$ 573,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,147,000		
	Sutton	Decommission	Sutton WTP	Decommission Sutton WTP		\$ -	\$ 40,000	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	200,000		
		Supply & Treatment	Expansion Georgina WTP	(blank)		\$ -	\$ -	\$ -	\$ -	\$ 322,000	\$ 2,898,000	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000	\$ -	\$ -	4,320,000		
		Watermains	Black River Road	From parallel wm to Dalton Rd.	320 m, 300 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,000	\$ -	\$ -	\$ -	146,000	
			Sutton parallel	Metro Rd. to Black River Rd. within new development	1310 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 759,000	\$ -	\$ -	\$ -	\$ -	759,000	
Georgina Water System Total						\$ 2,156,850	\$ 2,730,350	\$ 5,743,150	\$ 24,150	\$ 891,500	\$ 4,896,650	\$ 2,147,700	\$ 1,591,900	\$ 2,395,100	\$ 6,872,000	\$ -	\$ -	29,689,000			

Long Term Water Project Master Plan Update
Summary and Phasing of Capital Works
Table G3: Satellite Systems

Water System	Pressure District/Service Area	Facility Type	Location	Description	Details	Sum of 2003	Sum of 2004	Sum of 2005	Sum of 2006	Sum of 2007	Sum of 2008	Sum of 2009	Sum of 2010	Sum of 2011	Sum of 2012-2016	Sum of 2017-2026	Sum of 2027-2036	Sum of Total Capital Cost		
Satellite Systems	Ballantrae	Supply & Treatment	New Ballantrae Well 3	(blank)		\$ -	\$ 1,000,000	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000		
		Watermains	Ballantrae	From Proposed Well 3 to Town	1000 m, 400 mm.	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000	
	Holland Landing	Storage Facilities	Holland Landing Tank	Additional storage for Holland Landing	4.7 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,081,000	\$ -	\$ 2,081,000	
		Supply & Treatment	PRV to supply Holland Landing from Sharon/NE	Mt Albert Sdrd/2nd Conc		\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	
	King City	Storage Facilities	King City Keele Tank	Additional storage for King City	3.6 ML	\$ -	\$ 91,200	\$ 1,732,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,824,000	
		Supply & Treatment	New King City Well 5	(blank)		\$ -	\$ 1,050,000	\$ 1,050,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
			New King City Well 6	(blank)		\$ -	\$ 75,000	\$ 300,000	\$ 1,125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
			New King City Well 7	(blank)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 400,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
		Watermains	King City	From Proposed Well 7 to Town	1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,550	\$ 428,450	\$ -	\$ -	\$ -	\$ -	\$ 451,000
	From Proposed Wells 5& 6 to Town			2000 m, 400 mm.	\$ -	\$ -	\$ 90,200	\$ 811,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 902,000	
	Proposed ET to Town King City			500 m, 400 mm.	\$ -	\$ -	\$ 11,300	\$ 214,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 226,000	
	Kleinburg	Storage Facilities	Kleinburg South Tank	Additional storage for Kleinburg	1.4 ML	\$ -	\$ 57,150	\$ 1,085,850	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,143,000	
		Supply & Treatment	New Kleinburg Well 4	(blank)		\$ -	\$ 1,050,000	\$ 1,050,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
			New Kleinburg Well 5	(blank)		\$ -	\$ 600,000	\$ 450,000	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
	Watermains	Kleinburg	From Proposed Wells 4 & 5 to Town	2000 m, 400 mm.	\$ -	\$ -	\$ 90,200	\$ 811,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 902,000	
			Proposed ET to Town Kleinburg	500 m, 400 mm.	\$ -	\$ -	\$ 22,600	\$ 203,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 226,000	
	Mount Albert	Storage Facilities	Mount Albert Tank	To supply Mount Albert	3 ML	\$ -	\$ 83,350	\$ 1,583,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,667,000	
		Supply & Treatment	New Mount Albert Well 3	(blank)		\$ -	\$ 1,000,000	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
	Watermains	Mount Albert	Centre St to new ET	500 m, 400 mm.	\$ 22,600	\$ 203,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 226,000	
			From Proposed Well 3 to Town	1000 m, 400 mm.	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000
	Nobleton	Storage Facilities	Nobleton South Tank	Additional storage for Nobleton	1.3 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,200	\$ 991,800	\$ -	\$ -	\$ -	\$ 1,102,000	
		Supply & Treatment	New Nobleton Well 4	(blank)		\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
			New Nobleton Well 5	(blank)		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 300,000	\$ 1,125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
		Watermains	Nobleton	From Proposed Well 4 to Town Nobleton	1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000
	From Proposed Well 5 to Town			1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000	
	Proposed ET to Town Nobleton			1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000	
	Queensville	Storage Facilities	Queensville Leslie Tank	To supply Queensville	6.6 ML	\$ -	\$ 123,100	\$ 2,338,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,462,000	
			Queensville Sdrd Tank	Additional storage for Queensville & Sharon	6.6 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,462,000	\$ -	\$ -	\$ 2,462,000	
	Schomberg	Supply & Treatment	New Schomberg Well 4	(blank)		\$ -	\$ 1,050,000	\$ 1,050,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	
		Watermains	Schomberg Zone 2 Booster PS	From Proposed Well 4 to Town Schomberg	1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ 451,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000	
Stouffville	Pumping Station	(Required if 1st Well Pair not in Zone 1)	Pumps water from Zone 2 to Zone 1	6.2 MLD	\$ -	\$ 1,080,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080,000		
			Pumps water from PD6 Reservoir to Zone 2	7 MLD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,080,000	
	Storage Facilities	Zone 1 ET	To supply PD Stouffville Zone 1	5.9 ML	\$ 116,450	\$ 2,212,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,329,000	
			Additional storage for PD Stouffville Zone 2	4.1 ML	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,945,000	\$ -	\$ 1,945,000	
	Supply & Treatment	Zone 1 - Wells 7 & 8 Zone 2 - Wells 9 & 10	(blank)		\$ 150,000	\$ 600,000	\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	
			(blank)		\$ -	\$ -	\$ -	\$ 150,000	\$ 600,000	\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000
	Watermains	10th Line	Existing ET to Zone 2	400 m, 500 mm.	\$ -	\$ 26,800	\$ 241,200	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 268,000
			Proposed ET to Town Stouffville Zone 1	1800 m, 400 mm.	\$ 81,200	\$ 730,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 812,000
Proposed ET to Town Stouffville Zone 2			1600 m, 400 mm.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 722,000	\$ -	\$ -	\$ 722,000	
Proposed Wells 7 & 8 to Zone 1			1200 m, 400 mm.	\$ -	\$ 54,200	\$ 487,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 542,000	
Watermains	Stouffville Sdrd	Proposed Wells 9 & 10 to Zone 2	1000 m, 400 mm.	\$ -	\$ -	\$ -	\$ 45,100	\$ 405,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 451,000	
		PS to Town	4600 m, 500 mm.	\$ -	\$ 245,700	\$ 2,211,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,457,000	
Satellite Systems Total						\$ 370,250	\$ 11,333,250	\$ 17,686,000	\$ 9,274,600	\$ 2,005,900	\$ 2,795,100	\$ 1,080,900	\$ 922,950	\$ 5,937,050	\$ 2,462,000	\$ 4,748,000	\$ -	\$ 58,616,000		