

Loyalist Township
Connection Charge - Club Fee portion
2019 Connection Charge Study

	Water	Sewer
Total Gross Historical Asset Value - pre-amalgamation in-service	25,022,461	18,143,497
Less: direct capital contributions and local service agreements	(11,308,621)	(4,035,274)
Less: other third-party agreements to contribute capital	(1,827,242)	(762,635)
	11,886,598	13,345,589
Discounted	(1,661,665)	(1,742,239)
	10,224,933	11,603,350

Gross club fee revenue to date:

1998	-	-
1999	-	-
2000	-	-
2001	-	-
2002	-	-
2003	112,913	-
2004	117,260	172,432
2005	113,174	223,237
2006	81,967	63,612
2007	157,792	107,669
2008	187,584	139,976
2009	186,165	164,963
2010	228,133	194,152
2011	388,496	355,376
2012	429,372	431,878
2013	171,522	144,340
2014	262,713	289,238
2015	294,338	289,345
2016	33,845	32,128
2017	297,777	303,505
2018	209,425	219,512
2019 estimated	293,738	297,151
	3,566,213	3,428,514

Net club fees to recover 6,658,720 8,174,836

Splits:		Growth
Residential 78%	5,193,802	6,376,372 4,978
Non-residential 22%	1,464,918	1,798,464 234
	6,658,720	8,174,836

Residential Charge per Capita \$ 1,043.34 \$ 1,280.90
Non-residential charge per m3 \$ 6,247.78 \$ 7,670.32

Loyalist Township
 Connection Charge - Club Fee portion
 2019 Connection Charge Study

Service	Charge per Capita	Residential Unit Type			Non-Residential (\$/m3/day)
		Single / Semi-Detached / Duplex	Other Multiples	Apartments	
Water	\$ 1,043.3	\$ 2,890	\$ 2,243	\$ 1,753	\$ 6,248
Sewer	\$ 1,280.9	\$ 3,548	\$ 2,754	\$ 2,152	\$ 7,670
TOTAL Charge	\$ 2,324.2	\$ 6,438	\$ 4,997	\$ 3,905	\$ 13,918

Reserve fund projections from 2019 study

Water	2020	2021	2022	2023	2024
Opening balance -					
Club fee & capital replacement via operating contributions	2,300,100	1,644,500	1,393,900	3,077,500	4,950,000
Net contributions from operating (withdrawals for capital)	(1,110,500)	(697,000)	1,226,100	1,401,300	(1,872,200)
Debt recovery on past growth via impost growth fees	97,900	91,900	86,300	81,500	79,300
Projected club fee revenue	340,700	340,700	340,700	340,700	340,700
Projected interest earned	16,300	13,800	30,500	49,000	35,000
Estimated ending balance per 2019 rate study and financial plan	1,644,500	1,393,900	3,077,500	4,950,000	3,532,800
Sewer					
Opening balance -					
Club fee & capital replacement via operating contributions	3,212,700	3,536,000	4,010,600	4,602,900	5,593,300
Net contributions from operating (withdrawals for capital)	(77,300)	70,800	184,300	574,000	509,400
Debt recovery on past growth via impost growth fees	49,800	48,200	46,700	45,100	43,600
Projected club fee revenue	315,800	315,800	315,800	315,800	315,800
Projected interest earned	35,000	39,700	45,600	55,400	64,600
Estimated ending balance per 2019 rate study and financial plan	3,536,000	4,010,500	4,603,000	5,593,200	6,526,700
Combined ending balance	5,180,500	5,404,400	7,680,500	10,543,200	10,059,500
Projected capital replacement value					277,810,307
Projected percentage of replacement value at 2024					3.6%
Target as presented in study					4.0%