Municipality of the District of Chester
Village of Chester water system
Estimated Quarterly charge compared to other utilities

	Per Ppty Per Qtr	Surface Water System Total	Surface Water System Annually Years 1-10	Surface Water System Annually Years 11-25	Ground Water System Total	Ground Water System Annually Years 1-10	Ground Water System Annually Years 11-25	Per Ppty Per Qtr	Surface Water System Per Ppty Per year Years 1-10	Surface Water System Per Ppty Per year Years 11-25	Ground Water System Per Ppty Per year Years 1-10	Ground Water System Per Ppty Per year Years 11-25
Year for which costs are estimated		2024			2024							
Number of ratepayers		1,103			1,103							
Capital cost		$ 45,742,000			$ 47,921,000							
Funding from governments (assume 75%)		(34,306,500)			(35,940,750)							
		11,435,500			$ 11,980,250							
25 year financing costs		7,011,944			7,338,956							
		$ 18,447,444			$ 19,319,206							
Mandatory Charges												
Capital costs Financed by ratepayers												
Years 1-10, per year	$ 200	$ 8,823,444	$ 882,344		$ 8,823,444	$ 882,344		$ 200	$ 800		$ 800	
Years 11-25, per year	$ 145	9,624,000		$ 641,600	10,495,763		$ 699,718	$ 159		$ 582		$ 634
		$ 18,447,444			$ 19,319,207							
Optional charges												
Costs to connect from property line to building												
Average cost $2,564 per property x 1,103		2,827,960			2,827,960							
10 year financing costs		1,774,416			1,774,416							
		4,602,376			4,602,376							
financed over years 1-10 at 10%	$ 104	$ 4,602,378	$ 460,238		$ 4,602,378	$ 460,238		$ 104	$ 417		$ 417	
Operations and maintenance costs												
Water treatment - Annual costs based upon average daily flow	$ 52		$ 228,641	$ 228,641		$ 83,589	$ 83,589	$ 19	$ 207	$ 207	$ 76	$ 76
* - Transmission & dsitribution - aditional costs will depend on system size and are unknown at this time									*	*	*	*
Annual charges			$ 1,571,223	$ 870,241		$ 1,426,171	$ 783,307					
Annual chg per property (divide by 1,040) *			$ 1,424.50	$ 788.98		$ 1,292.99	$ 710.16		$ 1,424	$ 789	$ 1,293	$ 710
Quarterly per property (annual divided by 4) *			$ 356.12	$ 197.24		$ 323.25	$ 177.54					
								Total per period *	$ 14,245.00	$ 11,834.65	$ 12,929.93	$ 10,652.40
								25 year total *	$ 26,079.64		$ 23,582.33	

Comparison to Other Water Utility rates and charges

Location	5/8" Base Rate	Consumption Rate/1000 gal	Quarterly Gallons	Quarterly Charge	Date of Rate Increase
Tatamagouche	$ 81.49	$ 10.46	13,500	$ 222.70	1-Apr-16
Debert	$ 90.78	$ 9.20	13,500	$ 214.98	1-Apr-13
Mahone Bay (bills bi-mo. converted to qtr)	$ 84.27	$ 9.47	13,500	$ 212.12	1-Apr-11
Bridgetown	$ 66.93	$ 6.72	13,500	$ 157.65	1-Apr-13
Annapolis County	$ 69.05	$ 6.09	13,500	$ 151.27	1-Apr-11
Bridgewater	$ 66.38	$ 5.91	13,500	$ 146.17	1-Apr-17
Lunenburg	$ 71.47	$ 4.52	13,500	$ 132.49	1-Jul-16
Annapolis Royal	$ 76.03	$ 2.23	13,500	$ 106.10	1-Apr-06
Halifax	$ 39.00	$ 4.44	13,500	$ 98.89	1-Apr-16