Charlottetown's Water Extraction from Winter River - Data for 2000 to 2014

Units: m^3 ($1m^3$ = 1000L)

Permit established in 2010

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Average	Max
All Sites Combined																	
Actual Use	6,374,860	6,655,353	6,373,356	6,921,590	7,045,949	6,692,564	6,712,908	6,709,354	7,152,919	7,069,371	6,703,744	6,477,489	6,905,928	6,707,987	6,506,464	6,753,491	7,152,919
Permitted Amount											7,288,018	7,288,018	7,288,018	7,288,018	7,288,018		
Use as percentage of permit											92.0%	88.9%	94.8%	92.0%	89.3%	92%	94.8%
Use as percentage of recharge	60.2%	62.8%	60.2%	65.3%	66.5%	63.2%	63.4%	63.3%	67.5%	66.7%	63.3%	61.1%	65.2%	63.3%	61.4%	64%	67.5%
50% recharge limit	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729	5,296,729		
Union Pumping Station																	
Union (Actual use)	2,755,354	2,767,828	2,688,788	2,987,655	3,120,873	3,109,545	2,628,341	2,880,886	3,074,652	2,968,391	2,719,791	2,815,187	3,138,126	3,176,304	2,933,505	2,896,571	3,138,126
Union (Permited amount)											2,986,985	2,986,985	2,986,985	2,986,985	2,986,985		
Use as percentage of permit											92.2%	94.2%	105.1%	106.3%	98.2%	97%	105.1%
Use as percentage of recharge	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	68.3%	69.7%	77.7%	78.7%	72.7%	69%	77.7%
50% recharge limit	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233	2,018,233		
Brackley Pumping Station																	
Brackley (Actual use)	2,214,588	2,578,877	2,169,569	2,398,194	2,470,971	1,924,398	2,250,320	2,068,311	2,296,702	2,229,340	2,143,189	1,891,309	1,814,003	1,885,320	1,864,909	2,188,444	2,578,877
Brackley (Permitted amount)											2,389,426	2,389,426	2,389,426	2,389,426	2,389,426		
Use as percentage of permit											89.7%	79.2%	75.9%	78.9%	78.0%	82%	89.7%
Use as percentage of recharge	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	100.1%	85.5%	82.0%	85.2%	84.3%	98%	100.1%
50% recharge limit	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215	1,106,215		
Suffolk Pumping Station																	
Suffolk (Actual use)	1,404,918	1,308,648	1,515,000	1,535,741	1,454,105	1,658,621	1,834,247	1,760,157	1,781,565	1,871,640	1,840,764	1,770,993	1,953,799	1,646,363	1,708,050	1,668,477	1,953,799
Suffolk (Permitted amount)											1,911,607	1,911,607	1,911,607	1,911,607	1,911,607		
Use as percentage of permit											96.3%	92.6%	102.2%	86.1%	89.4%	97%	102.2%
Use as percentage of recharge	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	32.3%	40.8%	45.0%	37.9%	39.3%	34%	45.0%
50% recharge limit	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281	2,172,281		