

# HOLLAND BOARD OF PUBLIC WORKS

## Public Water System

### Water Loss Calculations

FY	Water Pumped 1,000 gallons	Metered Sales 1,000 gallons	Wholesale Sales 1,000 gallons	Loss 1,000 gallons	Loss %	Retail Sales 100 cubic feet (CCF)	Total Sales 100 cubic feet (CCF)	Avg Day Consumption 1,000 gallons
1976	2,232,356	1,563,277	476,921	192,158	8.61%	2,089,943	2,727,537	5,590
1977	2,521,697	1,819,591	538,006	164,100	6.51%	2,432,608	3,151,868	6,459
1978	2,394,998	1,736,631	485,042	173,325	7.24%	2,321,699	2,970,151	6,087
1979	2,534,235	1,837,592	534,706	161,937	6.39%	2,456,674	3,171,521	6,499
1980	2,458,864	1,704,607	507,509	246,748	10.04%	2,278,886	2,957,374	6,061
1981	2,467,402	1,693,206	484,583	289,613	11.74%	2,263,644	2,911,483	5,967
1982	2,437,487	1,651,397	545,149	240,941	9.88%	2,207,750	2,936,559	6,018
1983	2,475,851	1,737,495	596,287	142,069	5.74%	2,322,854	3,120,029	6,394
1984	2,832,795	1,996,916	687,506	148,373	5.24%	2,669,674	3,588,799	7,355
1985	3,114,220	2,148,890	722,438	242,892	7.80%	2,872,848	3,838,674	7,867
1986	2,949,412	2,138,693	656,852	153,867	5.22%	2,859,215	3,737,360	7,659
1987	3,300,559	2,215,457	702,431	382,671	11.59%	2,961,841	3,900,920	7,994
1988	3,739,124	2,516,966	876,234	345,923	9.25%	3,364,928	4,536,364	9,296
1989	3,870,881	2,723,267	924,491	223,124	5.76%	3,640,731	4,876,681	9,994
1990	3,966,361	2,517,009	977,464	471,888	11.90%	3,364,985	4,671,755	9,574
1991	3,943,695	2,477,236	1,037,277	429,182	10.88%	3,311,813	4,698,547	9,629
1992	3,987,812	2,693,245	1,166,997	127,570	3.20%	3,600,595	5,160,751	10,576
1993	3,673,009	2,499,884	1,125,284	47,841	1.30%	3,342,091	4,846,481	9,932
1994	3,715,271	2,441,123	1,136,337	137,810	3.71%	3,263,534	4,782,701	9,801
1995	3,880,411	2,407,873	1,367,637	104,900	2.70%	3,219,082	5,047,474	10,344
1996	4,628,939	2,591,319	<b>2,074,573</b>	(36,953)	-0.80%	3,464,330	6,237,823	12,783
1997	4,724,262	2,669,049	1,828,936	226,277	4.79%	3,568,247	6,013,349	12,323
1998	4,751,320	2,713,609	1,599,767	437,944	9.22%	3,627,819	5,766,545	11,817
1999	<b>4,947,033</b>	<b>2,955,913</b>	1,754,925	236,195	4.77%	<b>3,951,755</b>	6,297,911	12,906
2000	4,655,776	2,832,090	1,774,969	48,717	1.05%	3,786,217	6,159,170	12,622
2001	4,408,923	2,586,839	1,675,032	147,052	3.34%	3,458,341	5,697,688	11,676
2002	4,699,984	2,561,963	1,713,777	424,244	9.03%	3,425,084	5,716,230	11,714
2003	4,867,783	2,640,786	1,957,767	269,231	5.53%	3,530,462	6,147,797	12,599
2004	4,438,756	2,575,283	1,755,852	107,621	2.42%	3,442,892	5,790,288	11,866
2005	4,840,079	2,577,412	1,991,338	271,330	5.61%	3,445,738	6,107,954	12,517
2006	4,886,314	2,789,810	2,052,128	44,377	0.91%	3,729,692	<b>6,473,178</b>	<b>13,266</b>
2007	4,649,184	2,517,375	2,018,934	112,875	2.43%	3,365,474	6,064,584	12,428
2008	4,532,174	2,565,578	1,981,897	(15,301)	-0.34%	3,429,917	6,079,512	12,459
2009	3,992,827	2,129,893	1,771,664	91,270	2.29%	2,847,450	5,215,985	10,689
2010	3,829,010	2,006,918	1,675,514	146,579	3.83%	2,683,045	4,923,037	10,089
2011	3,966,166	1,913,142	1,813,809	239,215	6.03%	2,557,676	4,982,555	10,211
	135,900,798	83,147,332	44,990,032	7,763,435	5.71%	111,159,534	171,306,636	
5 year avg	20,969,361			574,637	<b>2.74%</b>			