

# Water system losses report 9/26/11

- 50% of testing of water mains crossing under creeks and rivers has been completed. No major leaks have been found thus far.
- Historical billing information for large meters has been obtained and analysis is underway and a report on industrial customer will be given next month.
- Data analysis, comparison and unauthorized consumption will be reviewed in the future.
- The unaccounted for water trend remains unchanged for the time being.

Current leakage data and performance information is provided below:

<u>Water Service &amp; Water Valve Exercising data</u>	<u>Current period</u>	<u>To date</u>
Curb boxes located	0	5,509
Curb boxes adjustment (completed/needed)	62	1298/1,389
Curb boxes GPS located	126	5051
Curb boxes leak tested	226	5051
Leaks found (Village / Private)	0/0	24/7
Leaks repaired (Village / Private)	0/0	24/7
Valve Exercising (operate 50% of 1535 per year)	0	885

<u>Water meter data</u>	<u>Current period</u>	<u>To date</u>
Residential Meters change notices sent out	0	197
Residential Meters changed / tested	0	176
Commercial Meters change notices sent out	0	0
Commercial Meters changed / tested	0	0

### 6 month average unsold water rate trend\*\*\*

2010	<u>Jan</u>	<u>Feb</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
						21%	20%	22%	21%	22%	20%	23%
2011	<u>Jan</u>	<u>Feb</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
	23%	23%	23%	24%	25%	25%	24%	25%				

\*\*\* note this rate can fluctuate up and down, but should slowly trend downward.

<u>Year</u>	<u>Pumped</u>	<u>Sold</u>	<u>% Sold/Unsold</u>	<u>Not Sold (NS)</u>	<u>NS Acct*</u>	<u>NSUnacct**</u>	<u>% Unaccounted</u>
2000	598,898	414,683	69%/31%	184,215	95,500	88,715	18%
2001	640,188	492,275	77%/23%	147,913	101,000	46,913	7%
2002	631,980	474,974	75%/25%	157,006	112,000	45,006	7%
2003	662,678	599,115	90%/10%	63,563	30,500	33,063	5%
2004	701,227	616,448	88%/12%	84,779	28,000	56,779	8%
2005	766,323	628,311	82%/18%	138,012	29,800	108,212	14%
2006	732,793	692,154	94%/6%	40,639	23,300	17,339	2%
2007	731,696	725,217@#99%	99%/1%	6,479	5,700	779	0%
2008	623,490	557,077	89%/11%	66,413	7,050	59,363	10%
2009	<b>643,244^</b>	513,143	<b>80%/20%</b>	<b>130,101</b>	7,080	<b>123,021</b>	<b>19%</b>
2010	616,348	490,936	80%/20%	125,412	18,050	107,362	17%

# CBCWA water supply began in Sept 2007

@ Monthly billing implemented in Jan 2007 and skewed sales

^ Bold data in 2009 corrected to actual pumpage. 2010 estimated data.

\* 2010 – 0.05 M treatment process, 2 M Tank Overflows, 10 M system filling/flushing, 6 M fire fighting & training, 0 M meter errors, 5M detected watermain and service leakage.

\*\* 2010 – 107,362 M unreported/undetected watermain and service leakage, vandalism & theft.

Automatic meter reading was implemented between Jan 2004 and June 2006