2009 WATER QUALITY DATA FROM CITY OF WILMINGTON							
CONTAMINANTS	**VIOLATION Y/N**	**LEVEL DETECTED**	**UNIT MEASUREMENT**	**RANGE OF DETECTION**	**MCLG**	**MCL**	**SOURCE OF CONTAMINANTS**
MICROBIOLOGICAL CONTAMINANTS							
Turbidity	N	0.13	NTU	0.03-0.13	N/A	TT	SOIL RUNOFF
INORGANIC (REGULATED) CONTAMINANTS							
Copper (90-percentile sample, total of 32 taken.) (2007)	N	42.7 (No sample exceeded AL)	ppb	ND - 55.2	1300	AL=1300	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS; EROSION OF NATURAL DEPOSITS; LEACHING FROM WOOD PRESERVATIVES
Lead (90-percentile sample, total of 32 taken.) (2007)	N	<5.0 (No sample exceeded AL)	ppb	ND - 31	0	AL=15	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS, EROSION OF NATURAL DEPOSITS
Nitrate (As Nitrogen)	N	3.1	ppm	.80-3.10	10	10	RUNOFF FROM FERT USE; LEACHING FROM SEPTIC TANKS, SEWAGE; EROSION OF NATURAL DEPOSITS
ORGANIC CONTAMINANTS (REGULATED)							
TTHM (Total Trihalomethanes)	N	57.9 (four quarter running average)	ppb	15.9-100.6	0	80	BY PRODUCT OF DRINKING WATER CHLORINATION
HAA5 (Total Haloacetic Acids)	N	21.1 (four quarter running average)	ppb	10.4-31.7	N/A	60	BY PRODUCT OF DRINKING WATER CHLORINATION
UNREGULATED CONTAMINANTS							
BROMODICHLORO-METHANE	N	8.5	ppb	4.1-14.9	N/A	N/A	Runoff/leaching from soil fumigate used on crops
CHLOROFORM	N	35.3	ppb	10.4-81.1	N/A	N/A	BY PRODUCT OF CHLORINATION
DIBROMOCHLORO-METHANE	N	2.6	ppb	1.4-4.0	N/A	N/A	Runoff/leaching from soil fumigate used on soybeans, cotton, pineapples, and orchards

Turbidity is a measure of the cloudiness of water and is an indication of the effectiveness of our filtration system. The turbidity limit set by the EPA is 0.3 NTU in 95% of the daily samples and shall not exceed 1 NTU at any time. As reported above the Wilmington Water System's highest recorded result for 2008 was 0.13 NTU and the lowest monthly percentage of samples meeting the turbidity limits was 100%.

As you can see by the table, our system did not exceed any MCLs in 2009. We're proud that your drinking water meets or exceeds all federal and state requirments. We have learned through our monitoring and testing that some constituents have been detected. The EPA has determined that your water IS SAFE at these levels.