

2008 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	0.04-0.13	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	4.35	ppb	1.54-4.35	10	10	RUNOFF FROM FERT USE; LEACHING FROM SEPTIC TANKS, SEWAGE; EROSION OF NATURAL DEPOSITS
ORGANIC CONTAMINANTS (REGULATED)							
TTHM (Total Trihalomethanes)	N	53.8 (four quarter running average)	ppb	24.5-84.7	0	80	BY PRODUCT OF DRINKING WATER CHLORINATION
HAA5 (Total Haloacetic Acids)	N	26.0 (four quarter running average)	ppb	13.1-35.4	N/A	60	BY PRODUCT OF DRINKING WATER CHLORINATION
UNREGULATED CONTAMINANTS							
BROMODICHLORO-METHANE	N	7.9	ppb	3.9-12.0	N/A	N/A	BY PRODUCT OF DRINKING WATER CHLORINATION
CHLOROFORM	N	36.8	ppb	19.9-73.6	N/A	N/A	BY PRODUCT OF DRINKING WATER CHLORINATION
DIBROMOCHLORO-METHANE	N	2	ppb	0.7-3.7	N/A	N/A	BY PRODUCT OF DRINKING WATER CHLORINATION

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 2008. We're proud that your drinking water meets or exceeds all federal and state requirements. 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.