

Fairfax County Water Authority

Hallowing Point-Gunston Manor Well System

Supplement to the Annual Report on Water Quality

June 2003

In 2002, the water delivered to your home came from the Hallowing Point-Gunston Manor well system and from the Water Authority's main distribution system. The well system is a separate source from the main surface water system operated by the Water Authority. The Hallowing Point-Gunston Manor well system use was discontinued on September 10, 2002. This one-page report of water quality has been prepared for the well system. You will find information on the main surface water system in the larger report.

If you have any questions regarding this report, please contact our Customer Service department at (703) 698-5800.

Components	2002 SUMMARY OF FINISHED WATER CHARACTERISTICS							
	Units	MCLG	MCL	Average	Minimum	Maximum	Violation	Major Source in Drinking Water
Bromodichloromethane	ppb	NRL	NRL	1.2	1.2	1.2	No	By-product of drinking water chlorination
Chlorodibromomethane	ppb	NRL	NRL	3.7	3.7	3.7	No	By-product of drinking water chlorination
Bromoform	ppb	NRL	NRL	5.7	5.7	5.7	No	By-product of drinking water chlorination
Barium	ppm	2	2	0.016	0.012	0.020	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride	ppm	4	4	0.70	0.50	0.80	No	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Beta/photon emitters ^{1,2}	pCi/L	0	50	3.70	2.20	4.70	No	Decay of natural and man-made deposits
Alpha Emitters ²	pCi/l	0	15	2.90	0.00	6.80	No	Erosion of natural deposits

¹The MCL for the Beta particles is written as 4mrem/year. EPA considers 50 pCi/L to be the level of concern for Beta particles.

²Testing performed in 1999.

Metals	2002 SUMMARY OF DISTRIBUTION SYSTEM WATER QUALITY				
	Action Level	FCWA 90th Percentile	Number of Sites Above 90th Percentile	Violation	Major Source in Drinking Water
Copper ³	1.3 ppm	0.463 ppm	0	No	Corrosion of household plumbing systems
Lead ³	15 ppb	4 ppb	2	No	Corrosion of household plumbing systems

³Testing performed in 2001.