

**2008 SUMMARY OF WATER QUALITY DATA
WILLIAM FISHER MEMORIAL WATER SYSTEM**

MICROBIOLOGICAL CONTAMINANTS	TEST DATE	UNIT	PHG	MCL	AVERAGE	VIOLATION	SOURCE OF CONTAMINANTS
Total Coliform Bacteria	2008		0	0	0	No	Naturally present in the environment
DISINFECTION BY-PRODUCTS***	TEST DATE	UNIT	PHG	MCL	AVERAGE	VIOLATION	SOURCE OF CONTAMINANTS
Total Trihalomethane (TTHM)	2008	ppb	n/a	80	N/D	No	By-product of drinking water chlorination
Total Haloacetic Acids (HAA5)	2008	ppb	n/a	60	N/D	No	By-product of drinking water chlorination
INORGANIC CHEMICALS	TEST DATE	UNIT	PHG	MCL	AVERAGE	VIOLATION	SOURCE OF CONTAMINANTS
Nitrate	2008	ppm	45	45	3.7	No	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Arsenic *	2008	ppb	n/a	10	15.2	Yes	Erosion of natural deposit; runoff from orchards; glass and electronics productions wastes
Fluoride	2008	ppm	.15	2	0.15	No	Erosion of natural deposits; water additive, which promotes strong teeth; discharge from fertilizer and aluminum factories.
Turbidity ¹	2008	NTU	n/a	TT(5.0)	0.2	No	Soil runoff
Secondary Drinking Water Standards	TEST DATE	UNIT	PHG	MCL	AVERAGE	VIOLATION	SOURCE OF CONTAMINANTS
Alkalinity	2008	ppm	n/a	n/a	110	No	
Calcium	2008	ppm	n/a	n/a	38	No	Erosion of natural deposits
Chloride	2008	ppm	n/a	(600)	13	No	Runoff/leaching from natural deposits; seawater influence
Hardness	2008	ppm	n/a	n/a	110	No	Naturally-occurring polyvalent action present in the water, generally magnesium and calcium
Sodium	2008	ppm	n/a	n/a	42	No	Naturally-occurring salt; seawater influence
Specific conductance	2008	umhos/cm	na	1600	390	No	Substances that form ions when in water; seawater influence
Total dissolved solids	2008	ppm	n/a	1000	240	No	Runoff/leaching from natural deposits
Metals - (LEAD & COPPER Monitoring)	TEST DATE	UNIT	PHG	MCL	AVERAGE	VIOLATION	SOURCE OF CONTAMINANTS
Copper	2006	ppm	0.17	AL = n/a* 1000	0.17	n/a	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	2006	ppb	2	AL = n/a*	2	n/a	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers
KEY TO TABLE AL= Regulatory Action Level * n/d = none detected * PHG = Public Health Goal * MCL = Maximum Contaminant Level NTU = Nephelometric Turbidity Units * SMCL = Secondary Maximum Contaminant Level * MCLG = Maximum Contaminant Level Goal * pCi/L = picocuries per liter (a measure of radioactivity) * TT = Treatment Technique * n/a = not applicable ppb = parts per billion, or micrograms per liter * ppm = parts per million, or micrograms per liter * umhos/cm = units of specific conductance							* Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problems, and may have an increased risk of getting cancer. If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.