

WATERWORKS WELLAQUA
1998 ANNUAL- WATER- QUALITY REPORT
YOUR WATER IS SAFE !

990872-WU

WE ARE VERY PLEASED TO PROVIDE YOU WITH THIS YEAR'S ANNUAL WATER REPORT. WE WANT TO KEEP YOU INFORMED ABOUT THE EXCELLENT WATER AND SERVICES WE HAVE DELIVERED TO YOU OVER THE PAST YEAR. OUR GOAL IS AND ALWAYS HAS BEEN, TO PROVIDE TO YOU A SAFE AND DEPENDABLE SUPPLY OF DRINKING WATER. OUR GROUND WATER WELLS DRAW THEIR WATER FROM THE FLORIDIAN AQUIFER.

I'M PLEASED TO REPORT THAT OUR DRINKING WATER IS SAFE AND MEETS FEDERAL AND STATE REQUIRMENTS.

IF YOU HAVE ANY QUESTIONS ABOUT THIS REPORT OR CONCERNING YOUR WATER UTILITIY, PLEASE CONTACT THE WATERWORKS AT 352-628-2758. WE WANT OUR VALUED CUSTOMERS TO BE INFORMED ABOUT THEIR WATER UTILITY. IF YOU WANT TO LEARN MORE, PLEASE ATTEND ANY OF OUR REGULARLY SCHEDULED MEETINGS.

WELLAQUA UTILITIES ROUTINELY MONITORS FOR CONTAMINANTS IN YOUR DRINKING WATER ACCORDING TO FEDERAL AND STATE LAWS. THIS TABLE SHOWS THE RESULTS OF OUR MONITORING FOR THE PERIOD OF JAN 1st 1996 TO DEC 31st 1998. AS WATER TRAVELS OVER THE LAND OR UNDERGROUND IT CAN PICK UP SUBSTANCES OR CONTAMINANTS SUCH AS MICROBES, INORGANICS AND ORGANIC CHEMICALS AND RADIOACTIVE SUBSTANCES, ALL DRINKING WATER , INCLUDING BOTTLED DRINKING WATER MAY BE EXPECTED TO CONTAIN AT LEAST SMALL AMOUNTS OF SOME CONTAMINANTS. IT'S IMPORTANT TO REMEMBER THAT THE PRESENCE OF THESE CONTAMINANTS DOES NOT NECESSARILY POSE A HEALTH RISK.

OUR WATER IS TESTED TO ASSURE THAT IT IS SAFE AND HEALTHY. THE COLUMN MARKED CONTAMINANTS LISTS THE REGULATED CONTAMINANTS FOUND IN OUR FINISHED WATER. MAJOR SOURCES OF CONTAMINANT SHOW WHERE THIS SUBSTANCE USUALLY ORIGINATES. MAXIMUM DETECTED SHOWS THE HIGHEST TEST RESULTS DURING THE YEAR. RANGE SHOWS THE LOWEST TO HIGHEST TEST RESULTS. FOOTNOTES EXPLAIN IMPORTANT DETAILS, COLUMNS HEADED MCL AND MCLG REFER TO.

MAXIMUM COTAMINANT LEVEL, OR (MCL): THE HIGHEST LEVEL OF CONTAMINANT THAT IS ALLOWED IN DRINKING WATER. MCL'S ARE SET CLOSE TO THE MCLG'S AS FEASIBLE USING THE BEST AVAILABLE TECHNOLOGY
MAXIMUM CONTAMINANT LEVEL GOAL, OR (MCLG): THE LEVEL OF A CONTAMINANT IN DRINKING WATER BELOW WHICH THERE IS NO KNOWN OR EXPECTED RISK TO HEALTH. (MCLG'S ALLOW FOR A MARGIN OF SAFETY)
ACTION LIMIT, OR (AL): THE CONCENTRATION OF A CONTAMINANT WHICH, IF EXCEEDED TRIGGERS TREATMENT OR OTHER REQUIRMENTS WHICH A WATER SYSTEM MUST FOLLOW.

- AFA _____
- APP _____
- CAF _____
- CMU _____
- CTR _____
- EAG _____
- LEG I
- MAS _____
- OPC _____
- PAI _____
- SEC I
- WAW I
- OTH _____

THE BELOW LISTED ITEMS APPLY TO THE DETECTION / MCL TABLE

KEY TO TABLE

MCL- MAXIMUM CONTAMINANT LEVEL PPM- PARTS PER MILLION OR PER LITER(MG/L)
MCLG- MAXIMUM CONTAMINANT LEVEL GOAL PPB- PARTS PER BILLION OR MICROGRAM PER LITER (UG/L)
ITEMS- TOATL TRIHALOMETHANES PCUL LITER OF RADIOACTIVE MATERIAL PRODUCING 2.22 NUCLEAR TRANSFORMATIONS PER MINUTE.
NA- NOT AVAILABLE.

DOCUMENT NUMBER-DATE

12737 OCT 18 98

FPSC-RECORDS/REPORTING

WELLAQUA

CONTAMINANT	MAJOR UNIT SOURCES	MCL	MCLG	LEVEL	RANGE DETECTED	VIOLATIONS	DATE
INORGANIC CONTAMINANTS:							
NITRATE	RUNOFF FROM FERTILIZER USE; LEACHING FROM SEPTIC TANKS, SEWAGE; EROSION OF NATURAL DEPOSITS	PPM 10	10	0.46	N/A	NONE	6/98
BARIUM	DISCHARGE OF WASTE; DISCHARGE FROM METAL REFINERIES; EROSION OF NATURAL DEPOSITS	PPM 2	2	0.00139	N/A	NONE	7/97
CHROMIUM	DISCHARGE FROM STEEL AND PULP MILLS; EROSION OF NATURAL DEPOSITS.	PPB 100	100	1.1	N/A	NONE	7/99
FLUORIDE	EROSION OF NATURAL DEPOSITS; WATER ADDITIVE WHICH PROMOTES STRONG TEETH; DISCHARGE FROM FERTILIZER AND ALUMINUM FACTORIES.	PPM 4	4	0.114	N/A	NONE	7/97
SODIUM	SALT WATER, INTRUSION LEACHING FROM SOIL.	PPM 160	N/A	5.02	N/A	NONE	7/97
COPPER (TAP)	CORROSION OF HOUSEHOLD PLUMBING SYSTEMS. EROSION OF NATURAL DEPOSITS.	PPM 1.3	AL=13	.17	N/A	NONE	7/97
NATURALLY OCCURRING RADIOLOGICAL							
CONTAMINANT	MAJOR SOURCE	UNIT	MCL	MCLG	LEVEL RANGE DETECTED	VIOLATION	DATE
GROSS ALPHA	EROSION OF NATURAL SOURCES	PCI/L	15	0	0.9 N/A	NONE	7/99

NITRATE IN DRINKING WATER AT LEVELS ABOVE 10 PPM IS A HEALTH RISK FOR INFANTS OF LESS THAN SIX MONTHS OF AGE. HIGH NITRATE LEVELS IN DRINKING WATER CAN CAUSE BLUE BABY SYNDROME.. NITRATE LEVELS MAY RISE QUICKLY FOR SHORT PERIODS OF TIME BECAUSE OF RAINFALL OR AGRICULTURAL ACTIVITY. IF YOU ARE CARING FOR AN INFANT YOU SHOULD ASK ADVICE FROM YOUR HEALTH CARE PROVIDER.

THE SOURCES OF DRINKING WATER (BOTH BOTTLED WATER AND TAP WATER) INCLUDE RIVERS, LAKES, STREAMS, PONDS, RESERVOIRS, SPRINGS AND WELLS. AS WATER TRAVELS OVER THE SURFACE OF THE LAND OR THROUGH THE GROUND, IT DISSOLVES NATURALLY-OCCURRING MINERALS AND, IN SOME CASES, RADIOACTIVE MATERIAL, AND CAN PICK UP SUBSTANCES RESULTING FROM THE PRESENCE OF ANIMALS OR FROM HUMAN ACTIVITY.

CONTAMINANTS THAT MAY BE PRESENT IN SOURCE WATER INCLUDE:

(A) MICROBIAL CONTAMINANTS, SUCH AS VIRUSES AND BACTERIA, WHICH MAY COME FROM SEWAGE TREATMENT PLANTS, SEPTIC SYSTEMS, AGRICULTURAL LIVESTOCK OPERATIONS, AND WILDLIFE:

(B) INORGANIC CONTAMINANTS, SUCH AS SALTS AND METALS, WHICH CAN BE NATURALLY-OCCURRING OR RESULT FROM URBAN STORM RUNOFF, INDUSTRIAL OR DOMESTIC WASTEWATER DISCHARGES, OIL AND GAS PRODUCTION, MINING OR FARMING:

(C) PESTICIDES AND HERBICIDES, WHICH MAY COME FROM A VARIETY OF SOURCES SUCH AS AGRICULTURE, STORMWATER RUNOFF, AND RESIDUAL USES:

(D) ORGANIC CHEMICAL CONTAMINANTS, INCLUDING VOLATILE ORGANICS, WHICH ARE BY-PRODUCTS OF INDUSTRIAL PROCESSES AND PETROLEUM PRODUCTION, AND CAN ALSO COME FROM GAS STATIONS, URBAN STORMWATER RUNOFF AND SEPTIC SYSTEMS, AND

(E) RADIOACTIVE CONTAMINANTS, WHICH CAN BE NATURALLY OCCURRING OR BE THE RESULT OF OIL AND GAS PRODUCTION AND MINING ACTIVITIES.

MCL'S ARE SET AT VERY STRINGENT LEVELS. TO UNDERSTAND THE POSSIBLE HEALTH EFFECTS DESCRIBED FOR MANY REGULATED CONSTITUENTS, A PERSON WOULD HAVE TO DRINK 2 LITERS OF WATER EVERY DAY AT THE MCL LEVEL FOR A LIFETIME TO HAVE A ONE-IN-A-MILLION CHANCE OF HAVING THE DESCRIBED HEALTH EFFECT.

SOME PEOPLE MAY BE MORE VULNERABLE TO CONTAMINANTS IN DRINKING WATER THAN IS THE GENERAL POPULATION. IMMUNO-COMPROMISED PERSONS SUCH AS PERSONS WITH CANCER UNDERGOING CHEMOTHERAPY, PERSONS WHO HAVE UNDERGONE ORGAN TRANSPLANTS, PEOPLE WITH HIV/AIDS OR OTHER IMMUNE SYSTEM DISORDERS, SOME ELDERLY, AND INFANTS CAN BE PARTICULARLY AT RISK FROM INFECTIONS. THESE PEOPLE SHOULD SEEK ADVICE ABOUT DRINKING WATER FROM THEIR HEALTH CARE PROVIDERS. EPA/CDC GUIDELINES ON APPROPRIATE MEANS TO LESSEN THE RISK OF INFECTION BY CRYPTOSPORIDIUM ARE AVAILABLE FROM THE SAFE DRINKING WATER HOTLINE (800-426-4791). PLEASE CALL OUR OFFICE IF YOU HAVE ANY QUESTIONS.