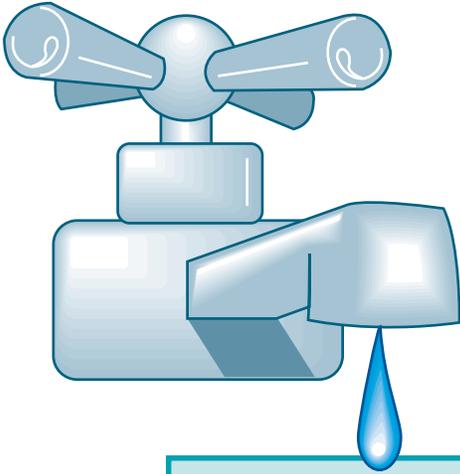


# WATER

## VOLATILE ORGANIC CHEMICAL FACT SHEET



**The Federal Safe Drinking Water Act** requires that all of the nation's public water supplies be tested periodically for various potential contaminants.

Volatile organic chemical analysis of drinking water is one of several services provided by the Department of Environmental Quality and included in the annual public water supply fee for regulatory services. Results of recent analyses of your system are enclosed and the purpose of this Fact Sheet is to assist you in interpreting the meaning of this report.

The analysis for volatile chemicals includes 59 specific chemicals. Drinking water standards have been established for eight of these chemicals as follows:

PARAMETER	STANDARD UG/L
Benzene	5
Carbon Tetrachloride	5
1,2-Dichloroethane	5
Trichloroethylene	5
para-Dichloroethane	75
1,1 Dichloroethylene	7
1,1,1-Trichloroethane	200
Vinyl Chloride	2

Research is ongoing concerning potential health effects of these chemicals in drinking water. They are not usually found and when they are each occurrence must be evaluated on a case-by-case basis. The presence of one or more of these chemicals may not be cause for alarm. Each sample will be evaluated by the environmental and medical staff of the health Department and you will be advised of any potential problems.

Drinking water which exceeds any of these standards is not considered to be safe for human consumption. Although EPA

requires analysis for the other fifty-one chemicals, there is insufficient data to allow a drinking water standard to be set.

You will note that the "Remarks" column on the enclosed "Report of Analysis" uses < as a symbol for less than the detection limit. When the results are reported as less than some number, it means that none was detected in that sample. Should you have any questions concerning the enclosed report, please contact us at the State Environmental Laboratory Service for assistance. We may be reached by telephone at (405) 702-1000.