

2010 Monitoring Results for the City of Loogootee

Some people may be more vulnerable to contaminants in drinking water than 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 and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Contaminants	Unit	MCLG Health Goal	MCL EPA's Limits	Level and Range Detected	Violation (Yes / No)	Year 1 Sampled	Potential Source of Contamination
Radioactive Contaminants							
Gross Alph	pCi/L	0	15	0.9	NO	2009	Erosion of natural deposits
Gross Beta	pCi/L ²	0	50	0.00 +/- 3.5	NO	2008	Decay of natural and man-made deposits
Inorganic Contaminants							
Arsenic	ppb	0	10	0.9	NO	2008	Discharge of natural deposits. Run-off from orchards. Run-off from glass and electronics production wastes.
Barium	ppm	2	2	0.2034	NO	2008	Discharge of drilling wastes. Discharge from metal refineries.
Beryllium	ppb	4	4	1	NO	2008	Discharge from metal refineries and coal-burning factories. Discharge from electrical, aerospace, and defense industries.
Copper	ppm	1.3	1.3=AL	0.077 (90th percentile) 0.004-0.108 all sites below AL	NO	2009	Corrosion of household plumbing systems. Erosion of natural deposits. Leaching from wood preservatives
Fluoride	ppm	4	4	1.06 (average) 0.5 - 1.3 (range)	NO	2010	Erosion of natural deposits. Water additives to promote strong teeth. Discharge from fertilizer and aluminium factories.
Lead	ppb	0	15=AL	0.3 (90th percentile) ND - 0.6 All sites below AL	NO	2009	Common of household plumbing. Erosion of natural deposits.
Nitrate	ppm	10	10	1.28	NO	2010	Runoff fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits
Thallium	ppb	0.5	2	0.5	NO	2008	Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits.
Volatile Organic Contaminants							
Chlorine	ppm	MRDLG=4	MRDL=4	0.6 average 0.3 - 1.3 range	NO	2010	Water additive used to control microbes
Haloacetic Acids (HAA5s)	ppb	0	60	18.2	NO	2010	By-product of drinking water chlorination.
Total Trihalomethanes (TTHMs)	ppb	0	80	36.8 - 96.3	NO	2010	By-product of drinking water chlorination.
State Regulated Contaminant							
Sodium	ppm	NA	NA	19.61	NO	2008	Naturally occurring