

Personville Water Treatment Plant  
Ground water – Wells  
2009 Test Results Table

**Inorganic Contaminants**

Constituent	Unit of Measure	MCLG	MCL	Level Detected	Violation	Source of Constituent
Barium 3/5/2003	PPM	2	2	0.104	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride 3/3/2009	PPM	4	4	.76	No	Erosion of natural deposits; water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Radium-228 3/3/2009	pCi/l	0	5	1.3	No	Decay of natural and man-made deposits.
Nitrate (as nitrogen) 3/3/2009	PPM	10	10	.38	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.

Not every contaminant must be tested annually. Those tested in previous years have been tested according to regulations.

## Volatile Organic Contaminants

Constituent	Unit of Measure	MCLG	MCL	Level Detected	Violation	Source of Constituent
Total Trihalomethanes 6/10/08	PPB	0	80	14.8	No	By-product of drinking water disinfection.
Haloacetic Acids 6/10/08	PPB	N/A	60	2.5	No	

## Unregulated Contaminants

Constituent	Unit of Measure	Level Detected	Reason for Monitoring
Bromochloroacetic Acid	PPB	1.2	By-product of drinking water disinfection.
Bromodichloromethane	PPB	2.3	
Bromoform 3/3/10	PPB	1.0	
Dibromoacetic Acid	PPB	2.5	
Dibromochloromethane 3/3/10	PPB	1.2	

## Disinfectant Level

Disinfectant	Average Level	Minimum Level	Maximum Level	MRDL	MRDLG	Unit of Measure	Source of Chemical
Chlorine	2.0	0.87	3.9	4.0	<4.0	PPM	Disinfectant used to control microbes.