

Table of Detected Contaminants

Contaminant	Violation Yes/No	Date Of Sample	Level Detected	AVG MAX/MIN Range	Unit Measurement	Regulatory Limit MCL,MRDL,AL or TT	MCLG	Likely source of contamination
Microbiological Contaminants								
Distribution System Turbidity (1)	No	Daily Testing	0.17 3.8 0.04-3.8	Avg Max Range	NTU	5.0 (MCL)	N/A	Soil Run-off
Turbidity (1) Combined Filter Effluent high	No	Continuous	0.07 0.04 0.17	Avg Max Range	NTU	TT = 95% of samples 0.3 NTU	N/A	Soil Run-off
Total cloriform (2)	No	3-4 Days per week	1 positive sample		N/A	Any positive sample	5% positive samples any month	Naturally present in the enviornment
Inorganic Contaminents								
Copper (3)	No	Sep-14	0.18 0.02 - 0.56	Avg Range	mg/L	1.3 (AL)	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching.
Lead (4)	No	Sep-14	4 <1.0-12	Avg Range	ug/L	15 (AL)	0	Corrosion of household plumbing systems; erosion of natural deposits.
Sodium (5)	No	10/1/2014	35.9		mg/l	See note 5		Nautrally occuring; road salt; Water softeners; Animal Waste
Nitrate	No	10/1/2014	0.6		mg/l	10.0 (MCL)	10	Runoff from fertilizer use; Erosion of natural deposits.
Color (range)	No	Daily	1--8	Range	Units	15 (MCL)	N/A	Color has no health effects. Its presence is aesthetically objectionable.
Chloride	No	Weekly	37.7 23.3 --81.5	Avg Range	ppm	250 (MCL)	N/A	No health effects. Naturally occuring or indicative of road salt contamination.
Hardness	No	Weekly	124.9					

			100 --153.4	Avg Range	ppm	No MCL	N/A	No health effects. Naturally occurring minerals.
Sulfate	No	10/2/2014	70		mg/l	250 (MCL)	N/A	Geology
Radiologicals								
Gross Alpha	No	Monthly on Raw Water	1.2 0.4 -- 3.0	Avg Range	pCi/L	15.0 pCi/L	0	Decay of natural deposits and man made emissions.
Gross Beta (6)	No	Monthly on Raw Water	1.2 0.55 - 2.4	Avg Range	pCi/L	50.0 pCi/L	0	Decay of natural deposits and man made emissions.
Tritium	No	Monthly on Raw Water	49.5 30--70	Avg Range	pCi/L	20,000 pCi/L	0	Decay of Natural deposits and man made emissions
Disinfection Byproducts								
Total Trhalomethanes (7)	No	Quarterly 2/4/2014 5/7/2014 8/6/2014 11/5/2014	60.1 Highest location running annual avg 27.6 - 90.6 annual for all locations	Max Range	ug/L	80 ug/L	N/A	By-products of drinking water chlorination. TTHM's are formed when source water contains large amounts of organic matter.
Total Haloacetic Acids (7)	No	Quarterly 2/6/2014 5/7/2014 8/6/2014 11/5/2014	25.3 Highest voc. running annual avg 12 - 34 annual range for all locations	Max Range	ug/L	60 ug/L	N/A	By-products of drinking water chlorination.
Total Organic Carbon (8)	No	Daily Testing	1.64 0.97 - 3.28	Avg Range	ppm	TT	N/A	Naturally present in the enviornment.
Free Chlorine Residual @ entry	No	Continuous	1.99 0.08 - 2.35	Avg Range	mg/L	4.0 (MRDL)	N/A	Used in the disinfection and treatment of drinking water.
Free Chlorine residual	No	5 days per week	1.29 0.05 -2.2	Avg Range	ppm	4.0 (MRDL)	N/A	A measurable residual is required by NYSDOH.
Chlorine Dioxide Residual (range)	No	Daily Testing	0.03 <0.01 - 0.19	Avg Range	mg/L	0.8 (MRDL)	N/A	By- product of drinking water disinfection at treatment plants using Chlorine Dioxide.
Chlorite	No	Daily	0.35	Avg	mg/L	1.0 (MCL)	N/A	By- product of drinking water

		Testing	0.03 - 0.68	Range				chlorination.
Organics								
Propylene Glycol	No	Weekly during airport deicing	59 <150	Avg Range	ug/L	1000	N/A	Albany International Airport deicing operations.
Unregulated Contaminants								
Strontium	No	Quarterly in 2014	272.5 230 - 310	Avg Range	ug/L	N/A	N/A	Naturally present in environment.
Vanadium	No	Quarterly in 2014	0.77 <0.2 - 1.2	Avg Range	ug/L	N/A	N/A	Naturally present in environment.
Chromium - 6	No	Quarterly in 2014	0.083 0.052 - 0.12	Avg Range	ug/L	N/A	N/A	Naturally present in environment.
Chlorate	No	Quarterly in 2014	260 160 - 350	Avg Range	ug/L	N/A	N/A	Naturally present in environment.