

2006 Table of Detected Contaminants For: City of Steubenville Water Department							
	MCLG	MCL	Level Found	Range of Detections	Violation	Year Sampled	Typical Source of Contamination
Residual Disinfectants							
Chlorine (ppm)	MRDLG = 4	MRDL =4	1.06	0.59– 1.50	No	2006	Water additive used to control microbes.
Inorganic Contaminants							
Lead (ppb)	0	Action Limit = 15	2.6	<2.0 - 210	No	2004	Corrosion of household plumbing systems; erosion of natural deposits.
	One out of thirty samples exceeded the action limit for lead						
Copper (ppb)	1,300	Action Limit = 1,300	130	<10 – 1,000	No	2004	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Nitrate (ppm)	10	10	1.05	0.58 – 1.05	No	2006	Runoff from fertilizer use; erosion of natural deposits.
Barium (ppb)	2,000	2,000	27.5	NA	No	2006	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Fluoride (ppm)	4	4	1.18	0.82 – 1.29	No	2006	Water additive which promotes strong teeth; erosion of natural deposits
Volatile Organic Contaminants							
Total Trihalomethanes (ppb)	40	80	85.38	12.8– 166.0	Yes	2006	By-product of drinking water chlorination.
Five Haloacetic Acids (ppb)	30	60	55.22	7.8 – 85.3	No	2006	
Treatment Technique							
Turbidity (NTU)	NA	TT	3.20	0.02 – 3.20	No	2006	Soil Runoff
Turbidity (% samples meeting standard)	NA	TT	74.4%	74.4% - 100%	No	2006	
Total Organic Carbon	NA	TT	.782	0.47 – 1.70	Yes	2006	Naturally present in the environment

