



Scotland County

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
1,2-Dibromoethane	2	0.25	0.25	0.25	0.05	µg/L	0	0.00%		
1,2-Dichloropropane	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Arsenic	155	0.5	5	1.9	10	µg/L	0	0.00%		
Barium	44	50	50	50	2,000	µg/L	0	0.00%		
Benzene	1	0.25	0.25	0.25	5	µg/L	0	0.00%		
Cadmium	44	0.5	0.5	0.5	5	µg/L	0	0.00%		
Chromium	44	5	5	5	100	µg/L	0	0.00%		
cis-1,2-Dichloroethene (c-DCE)	2	0.25	0.25	0.25	70	µg/L	0	0.00%		
Copper	156	25	870	83.8	1,300*	µg/L	0	0.00%		
Ethylbenzene	4	0.25	0.25	0.25	700	µg/L	0	0.00%		
Fluoride	589	100	1,620.00	573.80	4,000*	µg/L	0	0.00%		
Iron	155	25	14,100.00	638.00	300*	µg/L	41	26.45%		
Isopropyl Ether	2	0.25	0.25	0.25	No drinking water standard	µg/L				
Lead	191	2.5	116	6.2	15	µg/L	10	5.24%		
Magnesium	155	4,800	4,800.00	4,800.00	No drinking water standard	µg/L				
Manganese	155	15	130	22.8	50*	µg/L	11	7.10%		

Contaminant	Number of wells tested	Minimum	Maximum	Average	Maximum Contaminant Level (MCL) * Secondary MCL	Units	Number of wells tested above MCL	Percentage of wells tested above MCL	Number of wells below MCL	Percentage of wells tested below MCL
Mercury	37	0.3	0.3	0.3	2	µg/L	0	0.00%		
Methyl tertiary butyl ether (MTBE)	2	0.25	0.25	0.25	20* (recommended taste and odor threshold)	µg/L	0	0.00%		
Nitrate	79	500	17,330.00	2,993.80	10,000	µg/L	0	0.00%		
Nitrite	79	50	50	50	1,000	µg/L	0	0.00%		
pH	155	3.5	7.8	5.4	6.5-8.5*	standard units	0	0.00%	138	89.03%
Selenium	44	2.5	2.5	2.5	50	µg/L	0	0.00%		
Silver	44	25	25	25	100*	µg/L	0	0.00%		
Sodium	38	2,000	219,000.00	26,857.90	No drinking water standard	µg/L				
Tetrachloroethylene (PCE)	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Toluene	4	0.25	0.25	0.25	1,000	µg/L	0	0.00%		
trans-1,2-Dichloroethene (t-DCE)	2	0.25	0.25	0.25	100	µg/L	0	0.00%		
Trichloroethylene (TCE)	2	0.25	0.25	0.25	5	µg/L	0	0.00%		
Vinyl chloride	2	0.25	0.25	0.25	2	µg/L	0	0.00%		
Xylenes (Total)	2	0.25	0.25	0.25	10,000	µg/L	0	0.00%		
Zinc	155	25	8,990.00	141.70	5,000*	µg/L	1	0.65%		

* **Secondary MCL:** Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.⁸ The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.⁸

