

**Initial source monitoring requirements and maximum contaminant levels (MCL) 10
NYCRR 5 (New York State Sanitary Code Subpart 5-1, Public Water Systems)**

Transient and Non-Transient Noncommunity water systems after yield test.

| Inorganic contaminants | MCL milligrams per liter (mg/L) or units as noted |
|--|---|
| Antimony | 0.006 |
| Arsenic | 0.01 |
| Barium | 2.0 |
| Beryllium | 0.004 |
| Cadmium | 0.005 |
| Chromium | 0.1 |
| Cyanide (as free cyanide) | 0.2 |
| Mercury | 0.002 |
| Nickel | 0.005 |
| Selenium | 0.05 |
| Silver | 0.1 |
| Thallium | 0.002 |
| Fluoride | 2.2 |
| Lead | 0.015 |
| Copper | 1.3 |
| Chloride | 250.0 |
| Iron | 0.3 |
| Manganese | 0.3 |
| If iron and manganese are present, the total concentration of both should not exceed 0.5 mg/l. | |
| Sodium | No designated limits |
| Sulfate | 250.0 |
| Zinc | 5.0 |
| Color | 15 color units |
| Odor | 5 odor units |
| Turbidity | NTU (Nephelometric Turbidity Units) |
| pH | pH units (no limits set) |
| Total Dissolved Solids | No limits set |
| Total Hardness | No limits set |
| Nitrate | 10 |
| Nitrite | 1 |
| Radon | |

| Microbiological Requirements | |
|---|-------------------------------|
| Total Coliform Bacteria with Escherichia coli | One initial sample per source |

TABLE 3 and 9C – Specific Organic Chemicals

| | |
|----------------------------|---------------------------|
| Group 1 Chemicals | Alachlor |
| | Aldicarb |
| | Aldicarb sulfoxide |
| | Aldicarb sulfone |
| | Atrazine |
| | Carbofuran |
| | Chlordane |
| | Dibromochloropropane |
| | 2,4-D |
| | Endrin |
| | Ethylene dibromide |
| | Heptachlor |
| | Heptachlor epoxide |
| | Lindane |
| | Methoxychlor |
| | Polychlorinated biphenyls |
| | Pentachlorophenol |
| | Toxaphene |
| | 2, 4, 5-TP (Silvex) |
| | Group 2 Chemicals |
| Benzo(a)pyrene | |
| Butachlor | |
| Carbaryl | |
| Dalapon | |
| Di(2-ethylhexyl)-adipate | |
| Di(2-ethylhexyl)-phthalate | |
| Dicamba | |
| Dieldrin | |
| Dinoseb | |
| Diquat | |
| Endothall | |
| Glyphosate | |
| Hexachlorobenzene | |
| Hexachlorocyclopentadiene | |
| 3-Hydroxycarbofuran | |
| Methomyl | |
| Metolachlor | |
| Metribuzin | |
| Oxamyl (Vydate) | |
| Pichloram | |
| Propachlor | |
| Simazine | |
| 2,5,7,8-TCDD (Dioxin) | |

| ORGANIC CHEMICALS- 54 POCs | | |
|----------------------------|------------------------------------|------------------------------------|
| Contaminant | Specific Contaminants for Analysis | |
| 54 POCs | benzene | cis-1,3-dichloropropene |
| | bromobenzene | trans-1,3-dichloropropene |
| | bromochloromethane | ethylbenzene |
| | bromomethane | hexachlorobutadine |
| | n-butylbenzene | isopropylbenzene |
| | sec-butylbenzene | p-isopropyltoluene |
| | tert-butylbenzene | methylene chloride |
| | carbon tetrachloride | n-propylbenzene |
| | chlorobenzene | styrene |
| | chloroethane | 1,1,1,2-tetrachloroethane |
| | chloromethane | 1,1,2,2-tetrachloroethane |
| | 2-chlorotoluene | tetrachloroethene |
| | 4-chlorotoluene | toluene |
| | dibromomethane | 1,2,3-trichlorobenzene |
| | 1,2-dichlorobenzene | 1,2,4-trichlorobenzene |
| | 1,3-dichlorobenzene | 1,1,1-trichloroethane |
| | 1,4-dichlorobenzene | 1,1,2-trichloroethane |
| | dichlorodifluoromethane | trichloroethene |
| | 1,1-dichloroethane | trichlorofluoromethane |
| | 1,2-dichloroethane | 1,2,3-trichloropropane |
| | 1,1-dichloroethene | 1,2,4-trimethylbenzene |
| | cis-1,2-dichloroethene | 1,3,5-trimethylbenzene |
| | trans-1,2-dichloroethene | m-xylene |
| | 1,2-dichloropropane | o-xylene |
| | 1,3-dichloropropane | p-xylene |
| | 2,2-dichloropropane | methyl tertiary butyl ether (MTBE) |
| | 1,1-dichloropropene | |
| | vinyl chloride | |