

WAPPINGER WELL TESTING PROTOCOL
SCHEDULE A

1. Laboratory Requirements

All sample collection with proper chain of custody and analysis shall be performed by a Laboratory approved by the New York State Department of Health, "Environmental Laboratory Approval Program";

2. Testing Procedure

a. New Wells – The well should be pumped clear and disinfected with chlorine. The water sample shall be collected after the disinfectant has been cleared from the system.

b. Existing Wells – Samples should be taken of the raw water after any existing treatment has been bypassed. The sampling location should purge water for a minimum of 10 minutes prior to collection of water samples for wells in active use. For wells not in active use, water shall be purged for a minimum of 60 minutes to insure representative water samples from the well.

c. Additional testing at point of use may be necessary to determine the efficacy of any installed treatment systems.

3. Testing Standards

The following contaminants shall be tested for compliance with the Maximum Contaminant Level established for such contaminants by the New York State Sanitary Code, Part 5 limits:

a. Bacteriological Parameters

Total Coliform, Escherichia coli

b. Principal Organic Compounds Parameters*

| | |
|----------------------|----------------------------|
| Benzene | cis-1, 3-dichloropropene |
| bromobenzene | trans-1, 3-dichloropropene |
| bromochloromethane | ethylbenzene |
| bromomethane | hexachlorobutadiene |
| 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 |

SCHEDULE A (cont'd)

| | |
|--------------------------|-----------------------------|
| 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 | trichloroethylene |
| 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 | vinyl chloride |
| 1,1-dichloropropene | methyl tertiary-butyl ether |

*EPA method 502.2 with a detection limit of 0.5 ug/l or less.

c. Inorganic Compounds Parameters

| | | |
|------------|-----------|-----------|
| Alkalinity | Cyanide | Nitrite |
| Antimony | Hardness | pH |
| Arsenic | Iron | Selenium |
| Barium | Lead | Sodium |
| Beryllium | Manganese | Sulfate |
| Cadmium | Mercury | Thallium |
| Chlorides | Nickel | Turbidity |
| Chromium | Nitrate | |