

**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	