

East Fishkill & Wappinger Falls Well-Testing Protocol

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. Principal Organic Compounds Parameters*

Benzene	cis-1, 3-dichloropropene
bromobenzene	trans-1, 3-dichloropropene
bromochloromethane	ethylbenzene
bromomethane n-	hexachlorobutadiene
butylbenzene sec-	isopropylbenzene p-
butylbenzene tert-	isopropyltoluene
butylbenzene carbon	methylene chloride n-
tetrachloride	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	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

b. Inorganic Compounds Parameters

Antimony	Cyanide	Nitrate
Arsenic	Iron	Nitrite
Beryllium	Lead	Selenium
Cadmium	Manganese	Sulfate
Chlorides	Mercury	Thallium
Chromium	Nickel	