

Fluridone Water Quality Monitoring Schedule and Results - Summer 2015

Fall Creek, Ithaca NY

New York State Department of Health (NYSDOH) Maximum Contaminant Level (MCL) for fluridone in drinking water: MCL = 50 ppb. Results below are in ppb. Fluridone application initiated 8/13/13.		24 hrs	48hrs	72 hrs	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Site	Location	8/27/2015 (Thur)	8/28/2015 (Fri)	8/29/2015 (Sat)	Week of 8/31/2015	Week of 9/7/2015	Week of 9/14/2015	Week of 9/21/2015	Week of 9/28/2015	Week of 10/5/2015	Week of 10/12/2015	Week of 10/19/2015
NYSDEC Required Sampling - bottom of water column												
FC-1	Shoreline - 0.5 mile downstream on West Side of Inlet	<0.5	<0.5	<0.5	<0.5	<0.5				<0.5		
FC-2	Shoreline - 0.5 mile downstream on East Side of Inlet	<0.5	<0.5	<0.5	<0.5	<0.5				<0.5		
FC-3	Shoreline - 0.5 mile upstream on Fall Creek	<0.5	1.6	<0.5	<0.5	<0.5		<0.5		<0.5		<0.5
FC-4	Shoreline - Stewart Park Mouth of Fall Creek	<0.5	0.71	4.1	0.74	<0.5				0.55		<0.5
SePRO FasTest Samples												
BP-1 ¹	Bolton Point intake ~70' below lake surface					<0.5						
BP-ID*	Bolton Point intake - CSI duplicate									<0.5		
Within the application area												
FC-8	SePRO Fall Creek Cove				1.7	1.2	<1.00	<1.00	<1.00	<1.00	<1.00	
FC-8D	CSI duplicate			1.3	1.5	2.3		<0.5		<0.5		<0.5
FC-9	SePRO Golf Course Cove				<1.0	<1.00	<1.00	1.3	4.5	2.2	<1.00	
FC-9D	CSI duplicate			<0.5	<0.4	<0.5		1.2		1.4		0.6
FC-10	SePRO Stewart Park Cove				<1.0	1.2	1.1	<1.00	1.4	<1.00	<1.00	
FC-10D	CSI duplicate			1.9	<0.5	1.1		<0.5		<0.5		<0.5
FC-11	SePro Wetland south bank near Fall Creek mouth				<1.0	<1.00	<1.00	3.4	4.0	1.6	2.0	
FC-11D	CSI duplicate			<0.5	<0.5	<0.5		2.7		1.2		0.5
		4	4	4	12	14		12		14		

Notes:

- Additional samples may be required depending on concentrations detected.
- Concentrations must be below 1 ppb for irrigation and hydroponic use.

¹Required by TCHD

rev October 22, 2015

NYSDEC

- Sampling to continue for a minimum of one month and then until results are less than the detectable limit of .5 ppb outside the treatment area.
- If concentrations are found above detectable limit at any NYSDEC site, an increased sampling protocol of 0.25 mile intervals, as well as notification of the riparian owners and users will be required as determined by the Department until concentrations are below detectable limits.
- Samples must be collected at the end of the application period to establish concentrations <1 ppb.
- Concentrations must be below 1 ppb for irrigation and hydroponic use.

TCHD

Bolton Point Intake: After the first 2 weeks, sampling continues monthly until one month after final application.

If results exceed 10 ppb at the intake, a sample must be collected from the entry point to the distribution system.

FC-8D, FC-9D, FC10-D and FC-11D: Samples to be analyzed weekly for the first two weeks, then biweekly until one month after the final application.

In the event that concentrations are detected > 10 ppb, the Tompkins County Health shall be notified and the monitoring plan revised.

