Endothall Monitoring Minimum Sampling Schedule - Summer 2012 Application Begins **Cayuga Lake and inlet, Ithaca NY**

New York State Department of Health (NYSDOH) Maximum Contaminant Level (MCL) for endothall in drinking water: MCL = 50 ppb. Results below are in ppb.

Site	Location	Back-ground	ELAP split	Day 1	ELAP split	24 hrs	Day 3	ELAP split	Day 4	Day 7	ELAP Split	Day 10	ELAP Split	Day 14	ELAP split	Day 21
		6/19/2012 (before application on 6/26)		6/26/2012 (Tues)		6/27/2012 (Wed)	6/28/2012 (Thurs)		6/29/2012 (Fri)	7/2/2012 (Mon)		7/5/2012 (Thurs)		7/9/2012 (Mon)		7/16/2012 (Mon)
NYSDEC Required Sampling - bottom of water column																
S12-CC	Shoreline - 0.5 mile upstream on Cascadilla Creek					nd	10		nd	nd				nd		
S12-I	Shoreline - 0.5 mile upstream on East Side of Inlet					nd	12		nd	nd				nd		
S12-BB	Shoreline - 0.5 mile upstream on West Side of Inlet					1,784	227		89	262				10		
S12-89W	Shoreline - 0.5 mile on west lakeshore close to Rt 89					nd	8		nd	nd				nd		
S12-SM	Shoreline - 0.5 mile upstream on Sixmile Creek					nd	9		nd	9				8		
S12-SP	Shoreline - 0.5 mile on east lakeshore at Stewart Park					nd	nd		nd	14				nd		
TCHD Required Sampling - middle of water column																
BP-I	Bolton Point intake ~70' below lake surface		nd	nd	Archive		nd	nd		nd	nd	nd	Archive	nd	Archive	
BP-D	Bolton Point distribution system entry point		Archive		Archive			Archive			Archive		Archive		Archive	
B-AHT	Shoreline - Treman Park Marina application area			3,549		1,438	1580			847				nd		<7
B-Mouth	Shoreline- Northern edge of application area			10		nd	700			211				11		<7
B-SM	Shoreline - Six Mile Creek in application area			7.7		765	711			229				10		8.7
Local Task Force Recommended Sampling																
B-CC	all within the application area			3,615		1,829										
B-CU				2,263		1,575										
B-BHEast				2,933		1,651										
B-BHWest				1,952		1,561										
B-FL				1,481		<70										
Total number of samples collected		1	2	9	2	14	10	2	6	10	2	4	2	10	2	

nd = less than the level of quantification (LOQ) of 7 ppb unless otherwise indicated

Note that endothall application concentration level of 3 ppm (parts per million) = 3,000 ppb (parts per billion)

Additional samples may be required depending on concentrations detected. Archived samples will be analyzed as warranted by other results.

ELAP means the lab used has been certified by the NYSDOH Environmental Laboratory Approval Program to conduct the analytical procedure used.

NYSDEC

If concentrations 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.

TCHD

B-SM, B-AHT, B-Mouth: Sampling should continue through Day 3, 7, 10, 14 or until there are two consecutive samples where concentrations are <50ppb

Bolton Point Intake: Sampling should continue through Day 3, 7, 10, 14 17, 21…until there are two consecutive samples <10ppb after a detection of ≥10ppb, or until day 14, whichever comes later.

Bolton Point Distribution System Entry: Sampling should continue on the same schedule as intake sampling. Two consecutive samples at the distribution system entry point will be analyzed if there is a detection ≥10ppb at the Bolton Point Intake.