

Fluridone Water Quality Monitoring Schedule and Results - Summer 2018

		Treatment day	1	3	5	6	8				
		Date	6/6/2018	6/8/2018	6/10/2018	6/11/2018	6/13/2018				
Station	Location	Dye Study First Detect	Target Dose at Lambertville (ppb)	3.0	3.0	3.0	3.0	3.0			
1	Fireman's Eddy Bridge	4 hours	Reading (ppb)	3.6	3.3	2.9	3.2	2.9			
			Time (24hr)	18:35	13:01	9:10	7:40	7:41			
2	Washington Crossing Bridge	24 hours	Reading (ppb)		3.0	3.2	2.8	3.0			
			Time (24hr)		13:14	9:22	7:55	8:00			
3	Lower Ferry Road	32 hours	Reading (ppb)		3.1	2.7	2.4	2.9			
			Time (24hr)		13:30	9:34	8:10	8:20			
4	Carnegie Road	2 days	Reading (ppb)		2.8	2.7	2.2	2.5			
			Time (24hr)		13:55	9:55	8:34	8:46			
5	Alexander Road	3 days	Reading (ppb)			2.6	2.1	1.9			
			Time (24hr)			10:10	8:55	9:12			
6	Route 518	4 days	Reading (ppb)			2.2	2.7	1.3			
			Time (24hr)			10:39	9:24	9:38			
7	Canal Road/Suydam Road	5 days	Reading (ppb)			<1	ND	2.4	1.5	1.7	1.5
			Time (24hr)			11:06	9:40	10:02			
8	10 Mile Lock	7 days	Reading (ppb)				<1	1.9			
			Time (24hr)				10:35	10:45			
9	Landing Lane Bridge	9 days	Reading (ppb)					<1	ND		
			Time (24hr)					11:08			

Rainfall - Washington Crossing	Inches	0.00	0.00	0.52	0.65	0.00
Rainfall - Middlesex	Inches	0.00	0.00	0.35	0.30	0.00
Canal Flow at Washington Crossing	mgd	85.96	85.31	84.67	84.02	78.20
Canal Flow at Port Mercer	mgd	87.25	84.67	82.73	82.08	68.51

Note: Expected Test Results Variance is 5-20%

Flow has not yet reached location

ppb Parts per Billion

mgd Million Gallons per Day

x Data not yet available

On days of duplicate readings, a duplicate sample was taken and submitted to a second testing facility(Phoenix Labs EPA 525.3.)

ND Non- Detect

Reporting limit for Phoenix Labs duplicate testing is 0.29 ppb

Fluridone Water Quality Monitoring Sche

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			Date
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8	10 Mile Lock	7 days	Reading (ppb)
			Time (24hr)
9	Landing Lane Bridge	9 days	Reading (ppb)
			Time (24hr)

Rainfall - Washington Crossing	Inches
Rainfall - Middlesex	Inches
Canal Flow at Washington Crossing	mgd
Canal Flow at Port Mercer	mgd

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