

Fluridone Water Quality Monitoring Schedule and Results - Summer 2021

Treatment day				1	3	5	7	8	9	11	14	21	28	35	42	49	56	70	77	
Date				7/6/2021	7/8/2021	7/10/2021	7/12/2021	7/13/2021	7/14/2021	7/16/2021	7/19/2021	7/26/2021	8/2/2021	8/9/2021	8/16/2021	8/23/2021	8/30/2021	9/13/2021	9/20/2021	
Station	Location	Dye Study First Detect	Target Dose at Lambertville (ppb)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
1	Fireman's Eddy Bridge	4 hours	Reading (ppb)	ND	1.8	2.3	1.5	2.0	1.9	2.1	2.3	1.9	1.4	2.2	2.1	2.0	1.6	1.7	2.4	
			Time (24hr)	11:30	8:28	8:30	8:15	8:10	8:25	8:15	8:50	8:20	8:20	8:40	8:20	8:25	8:11	7:50	8:05	
2	Washington Crossing Bridge	24 hours	Reading (ppb)		1.9	2.2	1.6	1.7	1.9	2.3	2.1	1.8	1.5	2.1	2.1	1.9	1.4	1.6	2.3	
			Time (24hr)		9:10	8:50	8:35	8:25	8:40	8:30	9:05	8:35	8:30	8:50	8:30	8:44	8:25	8:08	8:20	
3	Lower Ferry Road	32 hours	Reading (ppb)		1.6	ND	1.5	1.7	1.5	2.0	2.1	1.8	1.3	2.2	2.1	1.8	1.4	1.3	2.1	
			Time (24hr)		9:35	9:05	8:55	8:45	9:00	8:55	9:20	8:55	8:50	9:10	8:55	7:40	8:41	8:31	8:37	
4	Carnegie Road	2 days	Reading (ppb)		1.3	1.9	1.5	1.5	1.7	2.0	1.7	1.6	1.3	2.2	2.0	ND	1.5	1.4	1.9	
			Time (24hr)		10:10	9:25	9:20	9:10	9:20	9:18	9:45	9:15	9:15	9:35	9:15	9:15	9:05	8:55	9:00	
5	Alexander Road	3 days	Reading (ppb)			1.2	1.2	1.3	0.98	1.8	0.48	1.6	0.86	1.8	2.4	ND	1.2	1.8	2.1	
			Time (24hr)			9:45	9:40	9:30	9:40	9:36	10:05	9:40	9:30	9:50	9:30	10:10	9:23	9:12	9:16	
6	Route 518	4 days	Reading (ppb)			1.1	1.1	1.4	1.2	1.5	0.77	1.5	ND	2.4	2.0	ND	1.2	1.4	2.0	
			Time (24hr)			10:05	10:00	9:55	10:00	10:00	10:30	10:00	9:55	10:15	10:00	10:34	9:43	9:41	9:38	
7	Canal Road/Suydam Road	5 days	Reading (ppb)			0.48	0.94	1.3	1.3	1.1	1.40	1.3	ND	2.0	1.7	ND	0.91	1.4	2.0	
			Time (24hr)			10:20	10:20	10:10	10:15	10:15	10:45	10:10	10:10	10:35	10:25	10:55	10:13	10:16	10:05	
8	10 Mile Lock	7 days	Reading (ppb)				0.68	0.97	1.2	1.2	1.3	1.3	ND	1.8	1.70	ND	0.75	ND	1.8	
			Time (24hr)				10:55	10:40	10:45	10:40	11:20	10:40	10:40	10:50	10:45	11:30	10:30	10:40	10:25	
9	Landing Lane Bridge	9 days	Reading (ppb)				ND	ND	ND	1.1	0.81	0.71	1.1	1.4	1.6	0.80	ND	ND	1.6	
			Time (24hr)				11:15	11:00	11:05	11:00	11:40	11:05	11:00	11:10	11:05	11:57	10:54	11:01	10:48	
Rainfall - Washington Crossing				Inches	0.26	0.00	0.00	0.16	0.47	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00	
Rainfall - Middlesex				Inches	0.00	0.00	0.00	0.65	0.00	0.13	0.00	0.00	0.00	0.00	0.00	2.09	0.14	0.63	0.00	
Canal Flow at Washington Crossing				mgd	101.47	102.12	101.47	100.82	102.12	102.12	101.47	99.53	100.82	94.36	86.60	98.88	105.35	101.47	97.59	93.71
Canal Flow at Port Mercer				mgd	96.30	96.30	95.65	105.99	91.13	95.65	97.59	102.76	100.18	100.18	100.18	99.53	NA	NA	101.47	97.59

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

ND Non- Detect

NA Not Available

Reporting limit for Phoenix Labs testing is 0.29 ppb