

Fluridone Water Quality Monitoring Schedule and Results - Summer 2022

| | | | Treatment day | 2 | 3 | 5 | 7 | 8 | 9 |
|---------|----------------------------|------------------------|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | Date | 7/12/2022 | 7/14/2022 | 7/16/2022 | 7/18/2022 | 7/19/2022 | 7/20/2022 |
| Station | Location | Dye Study First Detect | Target Dose at Lambertville (ppb) | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 1 | Fireman's Eddy Bridge | 4 hours | Reading (ppb) | 1.7 | 1.6 | 1.5 | 1.8 | 1.8 | 1.9 |
| | | | Time (24hr) | 9:10 | 10:25 | 8:45 | 5:30 | 8:30 | 8:10 |
| 2 | Washington Crossing Bridge | 24 hours | Reading (ppb) | | 1.7 | 1.9 | 1.9 | 1.8 | 2.0 |
| | | | Time (24hr) | | 10:45 | 9:00 | 6:40 | 8:45 | 8:25 |
| 3 | Lower Ferry Road | 32 hours | Reading (ppb) | | 1.7 | 1.6 | 1.8 | 1.7 | 1.7 |
| | | | Time (24hr) | | 11:05 | 9:20 | 6:55 | 9:10 | 8:55 |
| 4 | Carnegie Road | 2 days | Reading (ppb) | | 1.7 | 1.7 | 1.8 | 1.8 | 1.6 |
| | | | Time (24hr) | | 11:30 | 9:40 | 7:20 | 9:35 | 9:20 |
| 5 | Alexander Road | 3 days | Reading (ppb) | | | 1.4 | 1.6 | 1.7 | 1.40 |
| | | | Time (24hr) | | | 10:00 | 7:35 | 9:58 | 9:40 |
| 6 | Route 518 | 4 days | Reading (ppb) | | | 1.4 | 1.6 | 1.4 | 1.5 |
| | | | Time (24hr) | | | 10:25 | 8:00 | 10:25 | 10:05 |
| 7 | Canal Road/Suydam Road | 5 days | Reading (ppb) | | | ND | 1.60 | 1.5 | 1.4 |
| | | | Time (24hr) | | | 10:40 | 8:30 | 10:50 | 10:20 |
| 8 | 10 Mile Lock | 7 days | Reading (ppb) | | | | 1.40 | 1.40 | 1.4 |
| | | | Time (24hr) | | | | 9:15 | 11:05 | 10:50 |
| 9 | Landing Lane Bridge | 9 days | Reading (ppb) | | | | ND | ND | 0.31 |
| | | | Time (24hr) | | | | 9:45 | 11:25 | 11:15 |

| | | | | | | | |
|-----------------------------------|--------|-------|--------|--------|--------|--------|--------|
| Rainfall - Washington Crossing | Inches | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 |
| Rainfall - Middlesex | Inches | 0.00 | 0.00 | 0.03 | 0.13 | 0.00 | 0.00 |
| Canal Flow at Washington Crossing | mgd | 114.4 | 116.98 | 118.27 | 115.69 | 115.04 | 113.75 |
| Canal Flow at Port Mercer | mgd | 98.88 | 98.88 | 102.12 | 96.65 | 98.24 | 100.82 |

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