

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 8/28/2018

Watson Park

Lab: Merrimack WWTF

Method SM 9223 B Colilert

[illegible]

Merrimack River Water Quality Project

Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 8/14/2018

Watson Park

Lab: Merrimack WWTF

Method SM 9223 B Colilert

[illegible]

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 8/7/2018

SWA

Lab: Merrimack WWTF

Method SM 9223 B **Colilert**

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
MER 510	10:17	10:42	100 mL	71.7	11:17	34.8	11:20	35.4	
MER 530	10:17	10:42	100 mL	77.1	11:17	34.8	11:20	35.4	
MER 540	10:17	10:42	100 mL	151.5	11:17	34.8	11:20	35.4	
MER 550	10:17	10:42	100 mL	39.5	11:17	34.8	11:20	35.4	
MER 560	10:17	10:42	100 mL	38.4	11:17	34.8	11:20	35.4	
SoR 043 (034?)	10:17	10:42	100 mL	166.4	11:17	34.8	11:20	35.4	
SoR 001 (Watson Park)	10:17	10:42	100 mL	185.0	11:17	34.8	11:20	35.4	

Note: Be sure to record results for all negatives and positives

Signed: Christopher Ciardelli

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 7/24/2018

SWA

Lab: Merrimack WWTF

Method SM 9223 B **Colilert**

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
SoR 001 (Watson Park)	10:00	10:55	100 mL	86.0	11:10	34.9	11:11	35.1	
SoR 034	10:00	10:55	100 mL	122.3	11:10	34.9	11:11	35.1	
SoR 057	10:00	10:55	100 mL	104.6	11:10	34.9	11:11	35.1	
MER 530	10:00	10:55	100 mL	38.9	11:10	34.9	11:11	35.1	
MER 540	10:00	10:55	< 100 mL	58.3*	11:10	34.9	11:11	35.1	* see note below
MER 550	10:00	10:55	100 mL	42.8	11:10	34.9	11:11	35.1	
MER 560	10:00	10:55	100 mL	328.2	11:10	34.9	11:11	35.1	

Note: Be sure to record results for all negatives and positives

Signed: Christopher Ciardelli

*Sample less than 100 mL. Empty cells counted as positives so E. coli count is worst case. A total of 8 cells were empty.

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 7/17/2018

Watson Park

Lab: Merrimack WWTF

Method SM 9223 B Colilert

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
Watson Park (SoR 001)	6:43	8:49	100 mL	108.6	9:10	34.8	9:42	34.8	

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 7/10/2018

SWA

Lab: Merrimack WWTF

Method SM 9223 B **Colilert**

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
MER 510	10:26	11:30	100 mL	23.3	11:56	34.9	11:59	35.2	
MER 530	10:26	11:30	100 mL	7.4	11:56	34.9	11:59	35.2	
MER 540	10:26	11:30	100 mL	93.3	11:56	34.9	11:59	35.2	
MER 550	10:26	11:30	100 mL	70.3	11:56	34.9	11:59	35.2	
MER 560	10:26	11:30	100 mL	14.5	11:56	34.9	11:59	35.2	
SoR 001 (Watson Park)	10:26	11:30	100 mL	68.9	11:56	34.9	11:59	35.2	
SoR 057	10:26	11:30	100 mL	122.3	11:56	34.9	11:59	35.2	

Note: Be sure to record results for all negatives and positives

Signed: Christopher Ciardelli

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 7/2/2018

Watson Park

Lab: Merrimack WWTF

Method SM 9223 B Colilert

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
Watson Park (SoR 001)	7:00	9:15	100 mL	99.0	9:36	35.2	9:53	35.1	

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Christopher Ciardelli

Date: 6/26/2018

SWA

Lab: Merrimack WWTF

Method SM 9223 B **Colilert**

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
SoR 034	10:40	11:21	100 mL	1046.2	11:48	35.0	13:23	35.1	
Mer 510	10:40	11:21	100 mL	1732.9	11:48	35.0	13:23	35.1	
Mer 540	10:40	11:21	100 mL	275.5	11:48	35.0	13:23	35.1	
Mer 550	10:40	11:21	100 mL	118.7	11:48	35.0	13:23	35.1	
Mer 560	10:40	11:21	100 mL	111.2	11:48	35.0	13:23	35.1	
SoR 057	10:40	11:21	100 mL	2419.6	11:48	35.0	13:23	35.1	
SoR 001	10:40	11:21	100 mL	816.4	11:48	35.0	13:23	35.1	

Note: Be sure to record results for all negatives and positives

Signed: Christopher Ciardelli

Merrimack River Water Quality Project
Lab Reporting Sheet for Bacteria

Analyst: Kevin Wilkins

Date: 06/19/18

Watson Park

Lab: Merrimack WWTF

Method SM 9223 B Colilert

Site #	Time Sample To Lab	Time Sample Run	Bacteria Aliquot Size	E. coli./100 ml	Time In	Temp In	Time Out	Temp Out	Notes
Watson Park	7:07	10:36	100 mL	686.7	10:50	35.2	11:18	35.0	