

## **Appendix D. Bacteria data v. applicable New York State standards**

## Appendix D

**Table D-1. State standards according to water classification**

Portion	Classification	Fecal Coliforms (# per 100mL)	Enterococci (# per 100mL [CFU or MPN])
Portion 1	SA		The monthly geometric mean of samples collected over any consecutive 30-day period shall not exceed 35, and no more than 10% of the samples in the same 30-day period shall exceed 130.
Portion 2	SB	The monthly geometric mean from a minimum of five examinations, shall not exceed 200	The monthly geometric mean of samples collected over any consecutive 30-day period shall not exceed 35, and no more than 10% of the samples in the same 30-day period shall exceed 130.
Portion 3	SC	The monthly geometric mean from a minimum of five examinations, shall not exceed 200	

## Appendix D

**Table D-2. 2016 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

*Enterococci*

Date	CFU/100ml. (<130)	Monthly Geometric Mean (<35)
06/06/16	250.00	
06/13/16	11.00	
06/20/16	0.10	
06/27/16	1.00	
07/04/16		
07/11/16	0.10	
07/18/16	18.00	
07/25/16	76.00	
08/01/16	360.00	
08/08/16	33.00	17.47
08/15/16	38.00	57.30
08/22/16	16.00	55.96
08/29/16	3.00	29.32

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-3. 2016 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/06/16	48.00	
06/13/16	0.10	
06/20/16	1.00	
06/27/16	2.00	
07/04/16		
07/11/16	3.00	
07/18/16	4.00	
07/25/16	8.00	
08/01/16	210.00	
08/08/16	1.00	7.26
08/15/16	11.00	9.41
08/22/16	90.00	17.55
08/29/16	0.10	7.30

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-4. 2016 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/06/16	1800.00		120.00	
06/13/16	10.00		2.00	
06/20/16	3.00		0.10	
06/27/16	17.00		0.10	
07/04/16				
07/11/16	13.00		0.10	
07/18/16	11.00		1.00	
07/25/16	16.00		9.00	
08/01/16	9.00		3.00	
08/08/16	13.00	12.18	0.10	0.77
08/15/16	12.00	11.98	0.10	0.77
08/22/16	22.00	13.77	0.10	0.49
08/29/16	3.00	9.85	0.10	0.20
10% of samples exceeds standard				
Geometric mean exceeds standard				

**Table D-5. 2016 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

Date	<i>Enterococci</i>	
	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/06/16	91.00	
06/13/16	0.10	
06/20/16	0.10	
06/27/16	3.00	
07/04/16		
07/11/16	2.00	
07/18/16	1.00	
07/25/16	1.00	
08/01/16	2.00	
08/08/16	0.10	0.83
08/15/16	0.10	0.46
08/22/16	4.00	0.60
08/29/16	0.10	0.38

10% of samples exceeds standard

Geometric mean exceeds standard

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**Table D-6. 2016 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/06/16	4200.00		91.00	
06/13/16	29.00		3.00	
06/20/16	35.00		0.10	
06/27/16	23.00		2.00	
07/04/16				
07/11/16	10.00		4.00	
07/18/16	155.00		2.00	
07/25/16	29.00		3.00	
08/01/16	191.00		25.00	
08/08/16	35.00	49.61	1.00	3.59
08/15/16	29.00	61.38	5.00	3.76
08/22/16	49.00	48.75	1.00	3.27
08/29/16	52.00	54.79	0.10	1.66
10% of samples exceeds standard				
Geometric mean exceeds standard				

**Table D-7. 2016 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/06/16	<b>5300.00</b>		<b>130.00</b>	
06/13/16	16.00		1.00	
06/20/16	11.00		0.10	
06/27/16	7.00		2.00	
07/04/16				
07/11/16	19.00		0.10	
07/18/16	35.00		1.00	
07/25/16	41.00		21.00	
08/01/16	11.00		36.00	
08/08/16	9.00	19.33	1.00	2.38
08/15/16	8.00	16.26	1.00	3.76
08/22/16	41.00	16.78	7.00	5.56
08/29/16	12.00	13.13	1.00	3.02

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-8. 2017 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	4.00	
06/12/17	2.00	
06/19/17	4.00	
06/26/17	4.00	
07/03/17	0.10	1.67
07/10/17	0.10	0.80
07/17/17	5.00	0.96
07/24/17	14.00	1.23
07/31/17	0.10	0.59
08/07/17	16.00	1.62
08/14/17	3.00	3.20
08/21/17	1.00	2.32
08/28/17	2.00	1.57

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-9. 2017 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	26.00	
06/12/17	0.10	
06/19/17	2.00	
06/26/17	0.10	
07/03/17	0.10	0.55
07/10/17	0.10	0.18
07/17/17	0.10	0.18
07/24/17	18.00	0.28
07/31/17	0.10	0.28
08/07/17	0.10	0.28
08/14/17	1.00	0.45
08/21/17	1.00	0.71
08/28/17	0.10	0.25

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-10. 2017 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	2.00		21.00	
06/12/17	1.00		1.00	
06/19/17	54.00		0.10	
06/26/17	23.00		0.10	
07/03/17	23.00	8.94	0.10	0.46
07/10/17	11.00	12.57	1.00	0.25
07/17/17	7.00	18.56	0.10	0.16
07/24/17	41.00	17.56	3.00	0.31
07/31/17	3.00	11.68	0.10	0.31
08/07/17	4.00	8.24	0.10	0.31
08/14/17	102.00	12.86	1.00	0.31
08/21/17	14.00	14.77	2.00	0.57
08/28/17	12.00	11.55	1.00	0.46

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-11. 2017 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

Date	<i>Enterococci</i>	
	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	8.00	
06/12/17	0.10	
06/19/17	0.10	
06/26/17	0.10	
07/03/17	0.10	0.24
07/10/17	0.10	0.10
07/17/17	0.10	0.10
07/24/17	4.00	0.21
07/31/17	0.10	0.21
08/07/17	2.00	0.38
08/14/17	0.10	0.38
08/21/17	0.10	0.38
08/28/17	0.10	0.18

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-12. 2017 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	0.10		27.00	
06/12/17	0.10		0.10	
06/19/17	94.00		8.00	
06/26/17	49.00		2.00	
07/03/17	48.00	4.67	0.10	1.34
07/10/17	52.00	16.30	0.10	0.44
07/17/17	46.00	55.55	0.10	0.44
07/24/17	290.00	69.59	109.00	0.74
07/31/17	9.00	49.58	0.10	0.41
08/07/17	136.00	61.06	48.00	1.39
08/14/17	24.00	52.32	5.00	3.04
08/21/17	44.00	51.85	7.00	7.12
08/28/17	10.00	26.44	2.00	3.20

10% of samples exceeds standard  
Geometric mean exceeds standard

**Table D-13. 2017 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/05/17	0.10		11.00	
06/12/17	27.00		0.10	
06/19/17	48.00		4.00	
06/26/17	38.00		1.00	
07/03/17	17.00	9.65	1.00	1.34
07/10/17	3.00	19.05	0.10	0.53
07/17/17	21.00	18.12	0.10	0.53
07/24/17	700.00	30.97	310.00	1.25
07/31/17	118.00	38.85	9.00	1.95
08/07/17	11.00	35.61	5.00	2.68
08/14/17	26.00	54.84	8.00	6.45
08/21/17	16.00	51.94	0.10	6.45
08/28/17	19.00	25.25	0.10	1.29

10% of samples exceeds standard  
Geometric mean exceeds standard



## Appendix D

**Table D-14. 2017 Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Great Neck (MB-7). Exceedances are highlighted.**

**Great Neck - MB 7**

Portion 3

***Fecal Coliform***

Date	CFU/100mL	Monthly Geometric Mean (<200)
06/05/17	13.00	
06/12/17	68.00	
06/19/17	182.00	
06/26/17	100.00	
07/03/17	22.00	51.26
07/10/17	34.00	62.13
07/17/17	17.00	47.09
07/24/17	250.00	50.17
07/31/17	31.00	39.69
08/07/17	31.00	42.51
08/14/17	42.00	44.35
08/21/17	29.00	49.35
08/28/17	42.00	34.54

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-15. 2018 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

***Enterococci***

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	49.00	
06/11/18	0.10	
06/18/18	10.00	
06/25/18	1.00	
07/02/18	3.00	2.71
07/09/18	0.10	0.79
07/16/18	29.00	2.44
07/23/18	210.00	4.49
07/30/18	2.00	5.16
08/06/18	7.00	6.11
08/13/18	17.00	17.07
08/20/18	6.00	12.46
08/27/18	2.00	4.91

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-16. 2018 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

**Enterococci**

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	3.00	
06/11/18	1.00	
06/18/18	2.00	
06/25/18	3.00	
07/02/18	0.10	1.12
07/09/18	1.00	0.90
07/16/18	1.00	0.90
07/23/18	30.00	1.55
07/30/18	1.00	1.25
08/06/18	0.10	1.25
08/13/18	33.00	2.51
08/20/18	22.00	4.65
08/27/18	0.10	1.49

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-17. 2018 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

**Fecal Coliform**

**Enterococci**

Date	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	28.00		26.00	
06/11/18	1.00		0.10	
06/18/18	16.00		4.00	
06/25/18	2.00		1.00	
07/02/18	2.00	4.47	0.10	1.01
07/09/18	4.00	3.03	1.00	0.53
07/16/18	190.00	8.66	10.00	1.32
07/23/18	370.00	16.23	2.00	1.15
07/30/18	2.00	16.23	0.10	0.72
08/06/18	47.00	30.51	1.00	1.15
08/13/18	66.00	53.45	6.00	1.64
08/20/18	28.00	36.44	1.00	1.04
08/27/18	7.00	16.48	0.10	0.57

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-18. 2018 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

**Enterococci**

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	54.00	
06/11/18	0.10	
06/18/18	5.00	
06/25/18	0.10	
07/02/18	0.10	0.77
07/09/18	0.10	0.22
07/16/18	8.00	0.53
07/23/18	4.00	0.50
07/30/18	1.00	0.80
08/06/18	1.00	1.26
08/13/18	10.00	3.17
08/20/18	1.00	2.09
08/27/18	0.10	1.00

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-19. 2018 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

**Fecal Coliform**

**Enterococci**

Date	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	72.00		150.00	
06/11/18	49.00		24.00	
06/18/18	244.00		4.00	
06/25/18	53.00		6.00	
07/02/18	270.00	104.26	10.00	15.39
07/09/18	49.00	96.53	0.10	3.57
07/16/18	601.00	159.37	71.00	4.43
07/23/18	570.00	188.85	320.00	10.64
07/30/18	11.00	137.89	4.00	9.81
08/06/18	170.00	125.71	6.00	8.86
08/13/18	52.00	127.21	13.00	23.45
08/20/18	88.00	86.62	21.00	18.38
08/27/18	118.00	63.22	1.00	5.80

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-20. 2018 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/04/18	420.00		370.00	
06/11/18	3.00		12.00	
06/18/18	49.00		3.00	
06/25/18	8.00		0.10	
07/02/18	130.00	36.44	0.10	2.66
07/09/18	6.00	15.58	1.00	0.82
07/16/18	480.00	42.99	58.00	1.12
07/23/18	650.00	72.09	90.00	2.21
07/30/18	32.00	95.12	2.00	4.02
08/06/18	220.00	105.68	4.00	8.40
08/13/18	41.00	155.20	28.00	16.35
08/20/18	31.00	89.73	13.00	12.13
08/27/18	13.00	41.03	1.00	4.93

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-21. 2018 Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Great Neck (MB-7). Exceedances are highlighted.**

**Great Neck - MB 7**

Portion 3

Date	<i>Fecal Coliform</i>	
	CFU/100mL	Monthly Geometric Mean (<200)
06/04/18	490.00	
06/11/18	13.00	
06/18/18	65.00	
06/25/18	24.00	
07/02/18	42.00	52.98
07/09/18	11.00	24.79
07/16/18	93.00	36.75
07/23/18	740.00	59.77
07/30/18	17.00	55.79
08/06/18	<b>1160.00</b>	108.34
08/13/18	49.00	146.07
08/20/18	29.00	115.70
08/27/18	27.00	59.67

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-22. 2019 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	31.00	
06/10/19	2.00	
06/17/19	8.00	
06/24/19	20.00	
07/01/19	1.00	6.30
07/08/19	36.00	6.49
07/15/19	11.00	9.13
07/22/19	6.00	8.62
07/29/19	16.00	8.24
08/05/19	5.00	11.37
08/12/19	2.00	6.38
08/19/19	4.00	5.21
08/26/19	12.00	5.99

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-23. 2019 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	29.00	
06/10/19	0.10	
06/17/19	6.00	
06/24/19	4.00	
07/01/19	21.00	4.30
07/08/19	3.00	2.73
07/15/19	10.00	6.85
07/22/19	3.00	5.97
07/29/19	23.00	8.47
08/05/19	9.00	7.15
08/12/19	1.00	5.74
08/19/19	1.00	3.62
08/26/19	16.00	5.06

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-24. 2019 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	33.00		18.00	
06/10/19	3.00		2.00	
06/17/19	1.00		1.00	
06/24/19	0.10		1.00	
07/01/19	26.00	3.03	1.00	2.05
07/08/19	15.00	2.59	8.00	1.74
07/15/19	10.00	3.30	14.00	2.57
07/22/19	12.00	5.42	41.00	5.40
07/29/19	13.00	14.35	31.00	10.73
08/05/19	13.00	12.49	10.00	17.01
08/12/19	0.10	4.59	0.10	7.08
08/19/19	3.00	3.60	2.00	4.80
08/26/19	22.00	4.07	4.00	3.01

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-25. 2019 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

Date	<i>Enterococci</i>	
	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	14.00	
06/10/19	0.10	
06/17/19	0.10	
06/24/19	3.00	
07/01/19	1.00	0.84
07/08/19	4.00	0.65
07/15/19	18.00	1.85
07/22/19	20.00	5.33
07/29/19	62.00	9.78
08/05/19	12.00	16.07
08/12/19	0.10	7.68
08/19/19	1.00	4.31
08/26/19	1.00	2.37

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-26. 2019 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	370.00		120.00	
06/10/19	50.00		0.10	
06/17/19	29.00		0.10	
06/24/19	6.00		214.00	
07/01/19	184.00	56.82	12.00	4.99
07/08/19	240.00	52.11	46.00	4.12
07/15/19	68.00	55.41	16.00	11.36
07/22/19	52.00	62.28	17.00	31.72
07/29/19	51.00	95.55	8.00	16.44
08/05/19	48.00	73.03	15.00	17.19
08/12/19	24.00	46.08	4.00	10.55
08/19/19	6.00	28.36	1.00	6.06
08/26/19	35.00	26.20	13.00	5.74

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-27. 2019 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/03/19	27.00		8.00	
06/10/19	26.00		9.00	
06/17/19	9.00		2.00	
06/24/19	0.10		3.00	
07/01/19	15.00	6.24	1.00	3.37
07/08/19	53.00	7.14	15.00	3.82
07/15/19	14.00	6.31	7.00	3.63
07/22/19	35.00	8.28	34.00	6.40
07/29/19				
08/05/19	63.00		14.00	
08/12/19	4.00		0.10	
08/19/19	14.00		3.00	
08/26/19	24.00		16.00	

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-28. 2019 Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Great Neck (MB-7). Exceedances are highlighted.**

**Great Neck - MB 7**

Portion 3

***Fecal Coliform***

Date	CFU/100mL	Monthly Geometric Mean (<200)
06/03/19	130.00	
06/10/19	53.00	
06/17/19	58.00	
06/24/19	5.00	
07/01/19	67.00	42.20
07/08/19	49.00	34.72
07/15/19	17.00	27.66
07/22/19	41.00	25.80
07/29/19	11.00	30.21
08/05/19	113.00	33.54
08/12/19	20.00	28.04
08/19/19	42.00	33.60
08/26/19	38.00	33.09

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-29. 2020 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

***Enterococci***

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	1.00	
07/06/20	17.00	
07/13/20	74.00	
07/20/20	38.00	
07/27/20	10.00	13.67
08/03/20	9.00	21.22
08/10/20	2.00	13.83
08/17/20	61.00	13.31
08/24/20	9.00	9.98
08/31/20	2.00	7.23

10% of samples exceeds standard

Geometric mean exceeds standard



## Appendix D

**Table D-30. 2020 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	27.00	
07/06/20	10.00	
07/13/20	0.10	
07/20/20	3.00	
07/27/20	5.00	3.32
08/03/20	1.00	1.72
08/10/20	2.00	1.25
08/17/20	36.00	4.04
08/24/20	3.00	4.04
08/31/20	1.00	2.93

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-31. 2020 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

*Fecal Coliform*

*Enterococci*

Date	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	136.00		0.10	
07/06/20	24.00		1.00	
07/13/20	150.00		52.00	
07/20/20	47.00		6.00	
07/27/20	19.00	53.47	6.00	2.85
08/03/20	17.00	35.28	1.00	4.51
08/10/20	11.00	30.18	5.00	6.23
08/17/20	12.00	18.21	0.10	1.78
08/24/20	40.00	17.63	1.00	1.25
08/31/20	7.00	14.44	0.10	0.55

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-32. 2020 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	1.00	
07/06/20	3.00	
07/13/20	25.00	
07/20/20	0.10	
07/27/20	0.10	0.94
08/03/20	2.00	1.08
08/10/20	0.10	0.55
08/17/20	1.00	0.29
08/24/20	6.00	0.65
08/31/20	0.10	0.65

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-33. 2020 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

*Fecal Coliform*

*Enterococci*

Date	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	280.00		32.00	
07/06/20	3400.00		320.00	
07/13/20	1600.00		420.00	
07/20/20	270.00		23.00	
07/27/20	191.00	601.22	51.00	87.21
08/03/20	510.00	677.82	39.00	90.73
08/10/20	10.00	211.26	4.00	37.77
08/17/20	4900.00	264.26	61.00	25.68
08/24/20	44.00	183.84	14.00	23.25
08/31/20	181.00	181.88	6.00	15.15

67%

70%

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-34. 2020 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/29/20	7.00		2.00	
07/06/20	33.00		18.00	
07/13/20	41.00		11.00	
07/20/20	136.00		54.00	
07/27/20	23.00	31.21	3.00	9.15
08/03/20	30.00	41.76	19.00	14.35
08/10/20	11.00	33.52	5.00	11.11
08/17/20	191.00	45.60	61.00	15.65
08/24/20	127.00	44.98	91.00	17.37
08/31/20	12.00	39.49	11.00	22.53

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-35. 2020 Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Great Neck (MB-7). Exceedances are highlighted.**

**Great Neck - MB 7**

Portion 3

Date	<i>Fecal Coliform</i>	
	CFU/100mL	Monthly Geometric Mean (<200)
06/29/20	55.00	
07/06/20	<b>7100.00</b>	
07/13/20	360.00	
07/20/20	68.00	
07/27/20	155.00	271.74
08/03/20	44.00	259.88
08/10/20	136.00	117.82
08/17/20	100.00	91.19
08/24/20	136.00	104.75
08/31/20	290.00	118.74

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-36. 2021 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Leeds Pond (MB-1). Exceedances are highlighted.**

**Leeds Pond - MB1**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	8	
06/14/21	5	
06/21/21	7	
06/28/21	3	
07/05/21	0.1	2.43
07/12/21	40	3.35
07/19/21	4	3.20
07/26/21	<b>5300</b>	12.05
08/02/21	1	9.68
08/09/21	<b>280</b>	<b>47.33</b>
08/16/21	22	<b>41.99</b>
08/23/21	<b>3800</b>	<b>165.47</b>
08/30/21	1	29.78

10% of samples exceeds standard  
Geometric mean exceeds standard

**Table D-37. 2021 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for Kennelworth (MB-2). Exceedances are highlighted.**

**Kennelworth - MB 2**

Portion 1

*Enterococci*

Date	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	1	
06/14/21	1	
06/21/21	0.1	
06/28/21	0.1	
07/05/21	2	0.46
07/12/21	2	0.53
07/19/21	2	0.60
07/26/21	<b>5400</b>	5.33
08/02/21	2	9.71
08/09/21	90	20.79
08/16/21	3	22.55
08/23/21	<b>280</b>	<b>60.59</b>
08/30/21	2	12.48

10% of samples exceeds standard  
Geometric mean exceeds standard

## Appendix D

**Table D-38. 2021 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven (MB-3). Exceedances are highlighted.**

**Manorhaven - MB 3**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	3		0.1	
06/14/21	8		1	
06/21/21	15		0.1	
06/28/21	1		0.1	
07/05/21	12	5.33	3	0.31
07/12/21	290	13.31	46	1.07
07/19/21	51	19.28	3	1.33
07/26/21	4200	59.49	<b>4700</b>	11.42
08/02/21	2	68.34	0.1	11.42
08/09/21	42	87.80	12	15.07
08/16/21	5	38.98	1	7.01
08/23/21	900	69.21	<b>630</b>	20.42
08/30/21	18	23.26	3	4.69

10% of samples exceeds standard

Geometric mean exceeds standard

**Table D-39. 2021 Enterococci counts (CFU/100mL) and 5-sample rolling geometric means for NUN-4 (MB-4). Exceedances are highlighted.**

**NUN 4 - MB 4**

Portion 1

Date	<i>Enterococci</i>	
	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	0.1	
06/14/21	0.1	
06/21/21	8	
06/28/21	1	
07/05/21	1	0.60
07/12/21	11	1.54
07/19/21	8	3.71
07/26/21	<b>5900</b>	13.90
08/02/21	0.1	8.77
08/09/21	22	16.28
08/16/21	0.1	6.36
08/23/21	<b>290</b>	13.04
08/30/21	0.1	1.45

10% of samples exceeds standard

Geometric mean exceeds standard

## Appendix D

**Table D-40. 2021 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Baxter Beach (MB-5). Exceedances are highlighted.**

**Baxter Beach - MB 5**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	31		0.1	
06/14/21	1100		106	
06/21/21	64		4	
06/28/21	32		8	
07/05/21	49	80.70	45	6.87
07/12/21	510	141.29	110	27.86
07/19/21	601	125.20	56	24.52
07/26/21	4600	294.38	4200	98.59
08/02/21	32	294.38	0.1	41.04
08/09/21	36	276.78	21	35.24
08/16/21	21	146.24	0.1	8.68
08/23/21	6001	231.70	6001	22.12
08/30/21	52	94.53	5	5.75

10% of samples exceeds standard  
Geometric mean exceeds standard

**Table D-41. 2021 Enterococci and Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Manorhaven Beach (MB-6). Exceedances are highlighted.**

**Manorhaven Beach - MB 6**

Portion 2

Date	<i>Fecal Coliform</i>		<i>Enterococci</i>	
	CFU/100mL	Monthly Geometric Mean (<200)	CFU/100mL (<130)	Monthly Geometric Mean (<35)
06/07/21	35		4	
06/14/21	28		28	
06/21/21	15		2	
06/28/21	69		8	
07/05/21	20	28.94	6	6.40
07/12/21	740	53.27	52	10.69
07/19/21	39	56.92	7	8.10
07/26/21	3200	166.37	4700	38.27
08/02/21	9	110.70	0.1	15.93
08/09/21	118	157.88	67	25.81
08/16/21	11	68.04	1	11.71
08/23/21	6001	186.29	6001	45.21
08/30/21	26	71.14	4	11.00

10% of samples exceeds standard  
Geometric mean exceeds standard

## Appendix D

**Table D-42. 2021 Fecal coliform counts (CFU/100mL) and 5-sample rolling geometric means for Great Neck (MB-7). Exceedances are highlighted.**

**Great Neck - MB 7**

Portion 3

***Fecal Coliform***

<b>Date</b>	<b>CFU/100mL</b>	<b>Monthly Geometric Mean (&lt;200)</b>
06/07/21	14	
06/14/21	16	
06/21/21	14	
06/28/21	19	
07/05/21	12	14.82
07/12/21	150	23.82
07/19/21	48	29.67
07/26/21	3900	91.47
08/02/21	2	58.31
08/09/21	340	113.81
08/16/21	30	82.49
08/23/21	3600	195.61
08/30/21	14	63.45

10% of samples exceeds standard

Geometric mean exceeds standard