

**Seasonal Disinfection Data**

1 November 2016 to April 30 2017

Date		SD - 1: Dingle Beach South				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	3	< 10	10	10		
	18	20	17	21		
	28	26	30	20	8	1
Dec	9	10	20	10	6	4
	19	60	10	50	1	-2
Jan	5	<b>140</b>	150	160	3	0
	20	10	< 10	< 10	2	-1
Feb	9	17	< 10	10	0	-3
	22	20	10	10	0	-1
Mar	7	< 10	< 10	< 10	1	-1
	23	60	< 10	10	-1	-6
Apr	4	< 10	< 10	< 10	5	9
	25	< 10	< 10	< 10	6	5

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 2: Black Rock Beach				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	9	20	< 10	< 10		
	28	44	30	60	9	1
Dec	9	10	< 10	< 10	4	3
	19	240	130	160	1	-3
Jan	5	60	40	90	4	2
	19	110	120	180	3	3
Feb	9	72	70	40	3	1
	22	150	40	50	4	2
Mar	9	60	10	20	4	8
	23	< 10	70	40	-2	-7
Apr	4	< 10	< 10	< 10	6	10
	25	20	< 10	< 10	6	6

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 3: Halifax Ferry Terminal				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	9	160	100	70	11	8
	28	150	270	290	8	1
Dec	9	110	160	90	6	1
	19	140	200	370	4	-3
Jan	5	230	390	430	4	3
	19	70	70	50	4	4
Feb	9	200	390	490	2	0
	22	160	360	310	3	3
Mar	9	170	110	80	2	6
	24	30	50	50	0	-4
Apr	4	60	70	90	3	8
	25	90	60	110	5	10

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 4: Africville Park				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	3	< 10	20	10		
	22	30	10	< 10	8	5
Dec	2	<b>200</b>	» 250	» 250	8	5
	12	< 10	< 10	10	5	-5
	22	*	30	< 10	4	4
Jan	5	<b>350</b>	<b>850</b>	<b>660</b>	4	2
	20	< 10	< 10	30	2	0
Feb	10	10	10	< 10	0	-4
	22	< 10	< 10	< 10	4	3
Mar	9	40	40	50	3	6
	24	< 10	10	10	1	-7
Apr	4	< 10	< 10	10	4	8
	25	< 10	< 10	< 10	7	10

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 5: Dartmouth Ferry Terminal				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	7	< 10	< 10	10		
	15	23	45	43		
Dec	1	<b>80</b>	240	140		
	12	60	120	110	3	-5
	22	*	< 10	40	4	-2
Jan	5	<b>280</b>	<b>840</b>	<b>880</b>	4	2
	19	<b>120</b>	120	70	3	2
Feb	10	30	30	60	0	-8
	22	20	< 10	< 10	2	1
Mar	9	<b>180</b>	90	70	5	7
	24	20	10	< 10	-1	-3
Apr	4	10	< 10	< 10	4	5
	25	20	< 10	< 10	6	8

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 6: Woodside Ferry Terminal				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	3	10	10	10		
	15	41	95	89		
Dec	1	60	60	30		
	12	30	50	40	3	-5
	22	*	20	40	4	-2
Jan	5	<b>290</b>	<b>600</b>	<b>590</b>	4	2
	19	50	130	80	3	4
Feb	10	50	180	150	-1	-7
	22	30	40	30	3	2
Mar	9	50	70	40	4	6
	24	< 10	< 10	20	0	-3
Apr	4	< 10	10	90	2	6
	25	50	10	30	5	11

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

Seasonal Disinfection Data

1 November 2016 to April 30 2017

Date		SD - 7: Fisherman's Cove				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	7	30	< 10	< 10		
	15	2	4	9		
	18	84	29	29		
Dec	1	20	30	50		
	12	< 10	10	< 10	3	-5
	22	*	60	30	4	-1
Jan	5	50	10	30	3	1
	20	110	70	140	3	2
Feb	10	10	50	20	-1	-3
	22	< 10	< 10	< 10	2	2
Mar	9	30	10	10	4	5
	24	< 10	10	10	0	-4
Apr	4	< 10	10	< 10	3	4
	25	< 10	< 10	< 10	6	8

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

## Seasonal Disinfection Data

Halifax Water

1 November 2016 to April 30 2017

Date		SD - 8: Herring Cove				
		Enterococcus (CFU/100mL)	E. coli (CFU/100mL)	Fecal Coliforms (CFU/100mL)	Water Temp. (°C)	Air Temp. (°C)
Nov	3	30	10	20		
	14	38	18	15		
	28	34	30	60		
Dec	9	70	110	100	4	10
	19	<b>650</b>	<b>2100</b>	<b>2500</b>	1	-2
	29	<b>270</b>	210	160	0	-2
Jan	5	<b>750</b>	<b>2000</b>	<b>840</b>	3	1
	19	10	20	10	0	-2
Feb	9	19	40	80	0	-2
	22	60	20	40	0	-3
Mar	7	20	30	< 10	2	0
	22	40	20	10	2	3
Apr	4	10	10	20	6	8
	25	< 10	< 10	10	5	7

Analyte	Threshold
Enterococci : ocean/harbour	70
E.Coli and Fecal : freshwater	400

- Water and air field temperature readings missed until November 22 (SD4), November 28 (SD1,2,3), December 9 (SD8) and December 12 (SD5,6,7) while awaiting a thermometer on order.
- \* These samples were received by the lab on Dec 22nd and the enterococcus could not be completed due to holiday hours.
- Due to sampling constraints, samples taken between January 19 and February 10 and between April 4 and April 25 were taken 3 weeks apart (rather than the stipulated 2 weeks in the Approval).
- SD2, SD3 and SD5 samples were not taken 2 weeks apart between November 7 and November 28 due to sampling error.