

Appendix 5-7 *E. coli* Results at Indicator Points - Normal Operation - 2020

Note: Shaded and bolded - value exceeded the WQO

ID	Indicator Point	Scenario	Dry Season	
			Geometric Mean Level (no./100mL)	Maximum (no./100mL)
Artificial Reefs [Depth-averaged results]				
AR1	Airport	HATS Stage 2A w/o Disinfection (Scenario 3a)	23	
		HATS Stage 2A with Disinfection (Scenario 3b)	16	
		Alternative Coastline (Scenario 3d)	16	
AR2	Sha Chau and Lung Kwu Chau	HATS Stage 2A w/o Disinfection (Scenario 3a)	9	
		HATS Stage 2A with Disinfection (Scenario 3b)	8	
		Alternative Coastline (Scenario 3d)	8	
WSD Flushing Water Intakes [Results at mid-depth] (WQO = 20,000 no./100mL at any time)				
WSD1	Near Butterfly Beach	HATS Stage 2A w/o Disinfection (Scenario 3a)	127	
		HATS Stage 2A with Disinfection (Scenario 3b)	85	
		Alternative Coastline (Scenario 3d)	86	
WSD2	Near LRT Terminus	HATS Stage 2A w/o Disinfection (Scenario 3a)	5,773	
		HATS Stage 2A with Disinfection (Scenario 3b)	5,762	
		Alternative Coastline (Scenario 3d)	5,733	
WSD3	Near Hong Kong Garden	HATS Stage 2A w/o Disinfection (Scenario 3a)	560	
		HATS Stage 2A with Disinfection (Scenario 3b)	78	
		Alternative Coastline (Scenario 3d)	79	
WSD4	Tsuen Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	1,162	
		HATS Stage 2A with Disinfection (Scenario 3b)	920	
		Alternative Coastline (Scenario 3d)	914	
WSD5	Tsing Yi	HATS Stage 2A w/o Disinfection (Scenario 3a)	2,451	
		HATS Stage 2A with Disinfection (Scenario 3b)	1,901	
		Alternative Coastline (Scenario 3d)	1,923	
WSD6	Cheung Sha Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	2,869	
		HATS Stage 2A with Disinfection (Scenario 3b)	2,859	
		Alternative Coastline (Scenario 3d)	2,992	
WSD7	Kowloon South	HATS Stage 2A w/o Disinfection (Scenario 3a)	4,751	
		HATS Stage 2A with Disinfection (Scenario 3b)	4,058	
		Alternative Coastline (Scenario 3d)	4,045	
WSD8	Yau Ma Tei	HATS Stage 2A w/o Disinfection (Scenario 3a)	2,058	
		HATS Stage 2A with Disinfection (Scenario 3b)	964	

		Alternative Coastline (Scenario 3d)	970	
WSD9	Tai Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	964	
		HATS Stage 2A with Disinfection (Scenario 3b)	887	
		Alternative Coastline (Scenario 3d)	1,022	
WSD10	Cha Kwo Ling	HATS Stage 2A w/o Disinfection (Scenario 3a)	350	
		HATS Stage 2A with Disinfection (Scenario 3b)	346	
		Alternative Coastline (Scenario 3d)	179	
WSD11	Yau Tong	HATS Stage 2A w/o Disinfection (Scenario 3a)	177	
		HATS Stage 2A with Disinfection (Scenario 3b)	172	
		Alternative Coastline (Scenario 3d)	134	
WSD12	Tseung Kwan O	HATS Stage 2A w/o Disinfection (Scenario 3a)	18	
		HATS Stage 2A with Disinfection (Scenario 3b)	18	
		Alternative Coastline (Scenario 3d)	17	
WSD13	Siu Sai Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	2,238	
		HATS Stage 2A with Disinfection (Scenario 3b)	2,237	
		Alternative Coastline (Scenario 3d)	2,278	
WSD14	Heng Fa Chuen	HATS Stage 2A w/o Disinfection (Scenario 3a)	306	
		HATS Stage 2A with Disinfection (Scenario 3b)	302	
		Alternative Coastline (Scenario 3d)	315	
WSD15	Sai Wan Ho	HATS Stage 2A w/o Disinfection (Scenario 3a)	877	
		HATS Stage 2A with Disinfection (Scenario 3b)	855	
		Alternative Coastline (Scenario 3d)	888	
WSD16	Quarry Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	1,684	
		HATS Stage 2A with Disinfection (Scenario 3b)	1,643	
		Alternative Coastline (Scenario 3d)	1,529	
WSD17	North Point	HATS Stage 2A w/o Disinfection (Scenario 3a)	507	
		HATS Stage 2A with Disinfection (Scenario 3b)	465	
		Alternative Coastline (Scenario 3d)	468	
WSD18	Central Water Front	HATS Stage 2A w/o Disinfection (Scenario 3a)	2,844	
		HATS Stage 2A with Disinfection (Scenario 3b)	1,170	
		Alternative Coastline (Scenario 3d)	1,294	
WSD19	Sheung Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	3,640	
		HATS Stage 2A with Disinfection (Scenario 3b)	1,311	
		Alternative Coastline (Scenario 3d)	1,400	
WSD20	Kennedy Town	HATS Stage 2A w/o Disinfection (Scenario 3a)	7,136	
		HATS Stage 2A with Disinfection (Scenario 3b)	1,099	
		Alternative Coastline (Scenario 3d)	1,069	

WSD21	Ap Lei Chau	HATS Stage 2A w/o Disinfection (Scenario 3a)	40
		HATS Stage 2A with Disinfection (Scenario 3b)	26
		Alternative Coastline (Scenario 3d)	26
Fish Culture Zones [Depth-averaged results] (WQO = 610 no./100mL for Geometric Mean)			
F1	Tung Lung Chau	HATS Stage 2A w/o Disinfection (Scenario 3a)	6
		HATS Stage 2A with Disinfection (Scenario 3b)	6
		Alternative Coastline (Scenario 3d)	6
F2	Po Toi	HATS Stage 2A w/o Disinfection (Scenario 3a)	4
		HATS Stage 2A with Disinfection (Scenario 3b)	4
		Alternative Coastline (Scenario 3d)	4
F3	Sok Kwu Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	3
		HATS Stage 2A with Disinfection (Scenario 3b)	2
		Alternative Coastline (Scenario 3d)	2
F4	Lo Tik Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	4
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
F5	Ma Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	249
		HATS Stage 2A with Disinfection (Scenario 3b)	17
		Alternative Coastline (Scenario 3d)	18
F6	Cheung Sha Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	14
		HATS Stage 2A with Disinfection (Scenario 3b)	12
		Alternative Coastline (Scenario 3d)	12
Gazetted Beaches [Depth-averaged results] (WQO = 180 no./100mL for Geometric Mean)			
B1	Butterfly	HATS Stage 2A w/o Disinfection (Scenario 3a)	293
		HATS Stage 2A with Disinfection (Scenario 3b)	234
		Alternative Coastline (Scenario 3d)	233
B2	Castle Peak	HATS Stage 2A w/o Disinfection (Scenario 3a)	678
		HATS Stage 2A with Disinfection (Scenario 3b)	670
		Alternative Coastline (Scenario 3d)	668
B3	Kadoorie	HATS Stage 2A w/o Disinfection (Scenario 3a)	678
		HATS Stage 2A with Disinfection (Scenario 3b)	670
		Alternative Coastline (Scenario 3d)	668
B4	Cafeteria Old	HATS Stage 2A w/o Disinfection (Scenario 3a)	433
		HATS Stage 2A with Disinfection (Scenario 3b)	407
		Alternative Coastline (Scenario 3d)	410
B5	Cafeteria New	HATS Stage 2A w/o Disinfection (Scenario 3a)	433
		HATS Stage 2A with Disinfection (Scenario 3b)	407

		Alternative Coastline (Scenario 3d)	410
B6	Golden Beach	HATS Stage 2A w/o Disinfection (Scenario 3a)	433
		HATS Stage 2A with Disinfection (Scenario 3b)	407
		Alternative Coastline (Scenario 3d)	410
B7	Anglers'	HATS Stage 2A w/o Disinfection (Scenario 3a)	692
		HATS Stage 2A with Disinfection (Scenario 3b)	82
		Alternative Coastline (Scenario 3d)	82
B8	Gemini	HATS Stage 2A w/o Disinfection (Scenario 3a)	762
		HATS Stage 2A with Disinfection (Scenario 3b)	71
		Alternative Coastline (Scenario 3d)	71
B9	Hoi Mei Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	750
		HATS Stage 2A with Disinfection (Scenario 3b)	58
		Alternative Coastline (Scenario 3d)	58
B10	Casam	HATS Stage 2A w/o Disinfection (Scenario 3a)	299
		HATS Stage 2A with Disinfection (Scenario 3b)	98
		Alternative Coastline (Scenario 3d)	97
B11	Lido	HATS Stage 2A w/o Disinfection (Scenario 3a)	268
		HATS Stage 2A with Disinfection (Scenario 3b)	71
		Alternative Coastline (Scenario 3d)	72
B12	Ting Kau	HATS Stage 2A w/o Disinfection (Scenario 3a)	302
		HATS Stage 2A with Disinfection (Scenario 3b)	172
		Alternative Coastline (Scenario 3d)	173
B13	Approach	HATS Stage 2A w/o Disinfection (Scenario 3a)	522
		HATS Stage 2A with Disinfection (Scenario 3b)	344
		Alternative Coastline (Scenario 3d)	346
B14	Tung Wan, Ma Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	274
		HATS Stage 2A with Disinfection (Scenario 3b)	4
		Alternative Coastline (Scenario 3d)	4
B15	Tong Fuk	HATS Stage 2A w/o Disinfection (Scenario 3a)	335
		HATS Stage 2A with Disinfection (Scenario 3b)	335
		Alternative Coastline (Scenario 3d)	335
B16	Cheung Sha Upper	HATS Stage 2A w/o Disinfection (Scenario 3a)	39
		HATS Stage 2A with Disinfection (Scenario 3b)	39
		Alternative Coastline (Scenario 3d)	39
B17	Cheung Sha Lower	HATS Stage 2A w/o Disinfection (Scenario 3a)	265
		HATS Stage 2A with Disinfection (Scenario 3b)	265
		Alternative Coastline (Scenario 3d)	265

B18	Pui O	HATS Stage 2A w/o Disinfection (Scenario 3a)	238
		HATS Stage 2A with Disinfection (Scenario 3b)	238
		Alternative Coastline (Scenario 3d)	238
B19	Silvermine Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	8
		HATS Stage 2A with Disinfection (Scenario 3b)	8
		Alternative Coastline (Scenario 3d)	8
B20	Kwun Yam Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	804
		HATS Stage 2A with Disinfection (Scenario 3b)	802
		Alternative Coastline (Scenario 3d)	802
B21	Tung Wan, Cheung Chau	HATS Stage 2A w/o Disinfection (Scenario 3a)	428
		HATS Stage 2A with Disinfection (Scenario 3b)	427
		Alternative Coastline (Scenario 3d)	426
B22	Lo So Shing	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
B23	Hung Shing Yeh	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
B24	Big Wave Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	2
		HATS Stage 2A with Disinfection (Scenario 3b)	2
		Alternative Coastline (Scenario 3d)	2
B25	Rocky Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	634
		HATS Stage 2A with Disinfection (Scenario 3b)	634
		Alternative Coastline (Scenario 3d)	635
B26	Shek O	HATS Stage 2A w/o Disinfection (Scenario 3a)	41
		HATS Stage 2A with Disinfection (Scenario 3b)	41
		Alternative Coastline (Scenario 3d)	41
B27	Turtle Cove	HATS Stage 2A w/o Disinfection (Scenario 3a)	90
		HATS Stage 2A with Disinfection (Scenario 3b)	90
		Alternative Coastline (Scenario 3d)	90
B28	Hairpin	HATS Stage 2A w/o Disinfection (Scenario 3a)	137
		HATS Stage 2A with Disinfection (Scenario 3b)	137
		Alternative Coastline (Scenario 3d)	137
B29	Stanley Main	HATS Stage 2A w/o Disinfection (Scenario 3a)	137
		HATS Stage 2A with Disinfection (Scenario 3b)	137
		Alternative Coastline (Scenario 3d)	137
B30	St. Stephen's	HATS Stage 2A w/o Disinfection (Scenario 3a)	25

		HATS Stage 2A with Disinfection (Scenario 3b)	25
		Alternative Coastline (Scenario 3d)	25
B31	Chung Hom Kok	HATS Stage 2A w/o Disinfection (Scenario 3a)	123
		HATS Stage 2A with Disinfection (Scenario 3b)	122
		Alternative Coastline (Scenario 3d)	122
B32	South Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	807
		HATS Stage 2A with Disinfection (Scenario 3b)	807
		Alternative Coastline (Scenario 3d)	807
B33	Middle Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	807
		HATS Stage 2A with Disinfection (Scenario 3b)	807
		Alternative Coastline (Scenario 3d)	807
B34	Repulse Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	1,395
		HATS Stage 2A with Disinfection (Scenario 3b)	1,395
		Alternative Coastline (Scenario 3d)	1,395
B35	Deep Water Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	121
		HATS Stage 2A with Disinfection (Scenario 3b)	121
		Alternative Coastline (Scenario 3d)	121
Marine Parks [Depth-averaged results]			
MP1	Indicator Point 1 for Sha Chau and Lung Kwu Chau Marine Park	HATS Stage 2A w/o Disinfection (Scenario 3a)	39
		HATS Stage 2A with Disinfection (Scenario 3b)	32
		Alternative Coastline (Scenario 3d)	32
MP2	Indicator Point 2 for Sha Chau and Lung Kwu Chau Marine Park	HATS Stage 2A w/o Disinfection (Scenario 3a)	15
		HATS Stage 2A with Disinfection (Scenario 3b)	13
		Alternative Coastline (Scenario 3d)	13
MP3	Indicator Point 3 for Sha Chau and Lung Kwu Chau Marine Park	HATS Stage 2A w/o Disinfection (Scenario 3a)	7
		HATS Stage 2A with Disinfection (Scenario 3b)	6
		Alternative Coastline (Scenario 3d)	6
MP4	Indicator Point 4 for Sha Chau and Lung Kwu Chau Marine Park	HATS Stage 2A w/o Disinfection (Scenario 3a)	14
		HATS Stage 2A with Disinfection (Scenario 3b)	12
		Alternative Coastline (Scenario 3d)	12
Non - Gazetted Beaches [Depth-averaged results]			
U1	Lung Kwu Upper	HATS Stage 2A w/o Disinfection (Scenario 3a)	104
		HATS Stage 2A with Disinfection (Scenario 3b)	98
		Alternative Coastline (Scenario 3d)	99
U2	Lung Kwu Lower	HATS Stage 2A w/o Disinfection (Scenario 3a)	3,322
		HATS Stage 2A with Disinfection (Scenario 3b)	3,316
		Alternative Coastline (Scenario 3d)	3,304

U3	Discovery Bay	HATS Stage 2A w/o Disinfection (Scenario 3a)	2
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
U4	Tai Kwai Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	36
		HATS Stage 2A with Disinfection (Scenario 3b)	31
		Alternative Coastline (Scenario 3d)	31
Seagrass Beds [Depth-averaged results]			
SG1	San Tau	HATS Stage 2A w/o Disinfection (Scenario 3a)	649
		HATS Stage 2A with Disinfection (Scenario 3b)	649
		Alternative Coastline (Scenario 3d)	647
SG2	San Tau	HATS Stage 2A w/o Disinfection (Scenario 3a)	3,527
		HATS Stage 2A with Disinfection (Scenario 3b)	3,527
		Alternative Coastline (Scenario 3d)	3,529
SG3	San Tau	HATS Stage 2A w/o Disinfection (Scenario 3a)	3,527
		HATS Stage 2A with Disinfection (Scenario 3b)	3,527
		Alternative Coastline (Scenario 3d)	3,529
SG4	Tai Ho Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	13
		HATS Stage 2A with Disinfection (Scenario 3b)	9
		Alternative Coastline (Scenario 3d)	9
Finless Porpoises [Depth-averaged results]			
FP1	Tathong Channel	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
FP2	East Lamma Channel	HATS Stage 2A w/o Disinfection (Scenario 3a)	3
		HATS Stage 2A with Disinfection (Scenario 3b)	2
		Alternative Coastline (Scenario 3d)	2
Cape D'Aguilar Marine Reserve [Depth-averaged results]			
CDA1	CDA1	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
CDA2	CDA2	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
Site of Special Scientific Interests [Depth-averaged results]			
S1	Shek O Headland	HATS Stage 2A w/o Disinfection (Scenario 3a)	196
		HATS Stage 2A with Disinfection (Scenario 3b)	196
		Alternative Coastline (Scenario 3d)	197

S2	Cape D'Aguilar - Kau Pei Chau	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1
Green Turtle Nesting Ground [Depth-averaged result]			
TNG1	Sham Wan	HATS Stage 2A w/o Disinfection (Scenario 3a)	1
		HATS Stage 2A with Disinfection (Scenario 3b)	1
		Alternative Coastline (Scenario 3d)	1