

FEHC Paper No. 24/2024 (Meeting on 22 August 2024)

Tuen Mun District Council
Food, Environment and Hygiene Committee 2024 - 2027

Water Quality of Beaches in Tuen Mun District

The weekly beach water quality grading of Tuen Mun gazetted beaches during February – July 2024 are attached for member's information.

**Environmental Protection Department
August 2024**

**Water Quality of Tuen Mun Gazetted Beaches
during February – July 2024**

	Weekly Beach Grading					
Date	Butterfly	Castle Peak	Kadoorie	Cafeteria Old	Cafeteria New	Golden
6-Feb-24	These beaches are not open during winter months (i.e. November to March).					1
15-Feb-24						1
21-Feb-24						1
26-Feb-24						1
4-Mar-24						1
14-Mar-24						1
18-Mar-24						1
25-Mar-24						1
2-Apr-24	1	2	1	1	1	1
9-Apr-24	2	2	1	1	1	1
15-Apr-24	2	2	1	1	1	1
22-Apr-24	2	2	1	1	1	1
29-Apr-24	2	2	2	2	2	2
6-May-24	2	2	2	2	2	2
13-May-24	2	3	2	2	2	2
21-May-24	2	4	4	3	2	3
22-May-24	-	3	3	-	-	-
29-May-24	2	3	3	3	2	2
4-Jun-24	2	4	3	3	2	2
5-Jun-24	-	4	-	-	-	-
10-Jun-24	2	-	3	3	2	2
11-Jun-24	-	3	-	-	-	-
18-Jun-24	3	3	2	3	2	2
25-Jun-24	3	3	2	3	3	3
2-Jul-24	3	3	3	3	2	3
11-Jul-24	2	3	3	3	2	2
18-Jul-24	-	3	-	-	-	-
23-Jul-24	2	2	2	2	2	2
31-Jul-24	2	-	2	2	2	2

Beach	Monthly Geometric Mean of the <i>E.coli</i> Levels (counts/100 mL)					
	February	March	April	May	June	July
Butterfly	-	-	98	131	240	33
Castle Peak	-	-	106	477	410	155
Kadoorie	-	-	33	268	274	81

Cafeteria Old	-	-	28	294	273	61
Cafeteria New	-	-	32	103	221	45
Golden	31	3	49	132	254	29

Hong Kong's Weekly Beach Grading System			
Grade	Beach Water Quality	<i>E. coli</i> counts per 100 mL [#]	Minor illness rate ^{##} (cases per 1,000 swimmers)
1	Good	≤ 24	Undetectable
2	Fair	25 - 180	≤ 10
3	Poor	181 - 610	11 - 15
4	Very Poor	> 610 or or last reading > 1600	> 15

The geometric mean *E. coli* level of the 5 most recent sampling occasions except where indicated.

Swimming-associated skin and gastroenteritis symptom rate.