

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 August 2023 – January 2024 are attached for member's information.

Environmental Protection Department
February 2024

**Water Quality of Tuen Mun Gazetted Beaches
during August 2023 – January 2024**

	Weekly Beach Grading					
Date	Butterfly	Castle Peak	Kadoorie	Cafeteria Old	Cafeteria New	Golden
6-Aug-23	2	3	2	2	2	2
19-Aug-23	2	3	2	2	2	2
29-Aug-23	2	3	2	2	2	2
6-Sep-23	2	-	2	2	2	2
10-Sep-23	-	4	-	-	-	-
13-Sep-23	2	-	2	2	2	2
15-Sep-23	-	4	-	-	-	-
18-Sep-23	2	-	2	2	2	1
19-Sep-23	-	4	-	-	-	-
25-Sep-23	2	-	2	1	1	1
27-Sep-23	-	4	-	-	-	-
3-Oct-23	1	-	2	1	1	1
5-Oct-23	-	2	-	-	-	-
16-Oct-23	1	2	2	1	1	1
25-Oct-23	1	-	1	1	1	1
26-Oct-23	-	2	-	-	-	-
1-Nov-23	These beaches are not open during winter months (i.e. November to March).					1
6-Nov-23						1
15-Nov-23						1
20-Nov-23						1
27-Nov-23						1
5-Dec-23						1
11-Dec-23						1
19-Dec-23						1
28-Dec-23						1
3-Jan-24						1
7-Jan-24						1
15-Jan-24						1
22-Jan-24						1
30-Jan-24						1

Beach	Monthly Geometric Mean of the E.coli Levels (counts/100 mL)					
	August	September	October	November	December	January
Butterfly	131	29	8	-	-	-
Castle Peak	894	307	20	-	-	-
Kadoorie	31	37	12	-	-	-
Cafeteria Old	181	16	12	-	-	-
Cafeteria New	48	10	7	-	-	-
Golden	91	12	12	10	5	11

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.