

### TEST REPORT

REPORT NO:-QMTL/R-78560

<b>CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES</b>		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
<b>ATTN: Mr. JASMAN PINTO</b>		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-78560
Reference: SAS AL NAKHL	Sampled By: Client Representative	Date Received: 04.11.2019
<b>Sample Description :</b> Swimming Pool Sample Onsite Temp: 28.8°C Sample Receipt Temp: 30°C	Source: Pool	Date(s) Tested: 04-06.11.2019
	Sample Container: 1x500 ml PB	Date Reported: 07.11.2019
	Sample Appearance: Clear	Date of Sampling: NA
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

### TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 <sup>RD</sup> EDITION)	UNITS	SPECIFICATIONS	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
Total Bacterial Count	APHA 9215 B	CFU/ml	1000	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	<b>Zero</b>
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	<b>Zero</b>
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	<b>Zero</b>
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	<b>Zero</b>

REMARKS: The sample meets DM Water Systems quality 2010 specifications for Pool Water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NA: Not Applicable

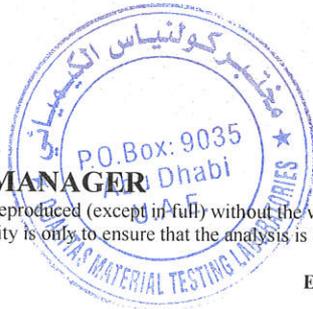
Report prepared by Emp#: 61

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

#### Reported By

**ANILA GEORGE**  
**LABORATORY MANAGER**



The test Report shall not be reproduced (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT

### TEST REPORT

REPORT NO:-QMTL/R-78559

<b>CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES</b>		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
<b>ATTN: Mr. JASMAN PINTO</b>		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-78559
Reference: SAS AL NAKHL	Sampled By: Client Representative	Date Received: 04.11.2019
<b>Sample Description :</b> Kids Pool	Source: Pool	Date(s) Tested: 04-06.11.2019
	Sample Container: 1x500 ml PB	Date Reported: 07.11.2019
Sample Onsite Temp: 28°C	Sample Appearance: Clear	Date of Sampling: NA
Sample Receipt Temp: 30°C		
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

### TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 <sup>RD</sup> EDITION)	UNITS	SPECIFICATIONS	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
Total Bacterial Count	APHA 9215 B	CFU/ml	1000	<b>3</b>
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	<b>Zero</b>
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	<b>Zero</b>
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	<b>Zero</b>
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	<b>Zero</b>

REMARKS: The sample meets DM Water Systems quality 2010 specifications for Pool Water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

#### Reported By

**ANILA GEORGE**

**LABORATORY MANAGER**

The test Report shall not be reproduced (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT



## SWIMMING POOL - WATER ANALYSIS REPORT

<b>Client Name:</b> TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
<b>Site Name:</b>	SAS AL NAKHEEL VILLAGE	<b>Visit Date:</b>	02-11-2019
<b>Sampled By:</b>	Crystalline Rep.	<b>Last Visit:</b>	08-10-2019
<b>Source of Sample</b>	Swimming Pool	<b>Sample Point</b>	Main Swimming Pool

### TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.53
2	Conductivity at 25°C, µs/cm	---	318
3	TDS, ppm	Max 1500	206
4	Alkalinity	80 - 120	93
5	Calcium Hardness	200 - 500	96
6	Residual Chlorine	1.0 - 3.0	1.26
7	Cyanuric Acid	20 - 60	28
8	Dip slide	<10 <sup>3</sup>	ND

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action Recommended.

Reported By,

*P. Murugaraj*  
Murugaraj

Service Engineer





## SWIMMING POOL - WATER ANALYSIS REPORT

<b>Client Name:</b> TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
<b>Site Name:</b>	SAS AL NAKHEEL VILLAGE	<b>Visit Date:</b>	02-11-2019
<b>Sampled By:</b>	Crystalline Rep.	<b>Last Visit:</b>	08-10-2019
<b>Source of Sample</b>	Swimming Pool	<b>Sample Point</b>	Kids Swimming Pool

### TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.49
2	Conductivity at 25°C, µs/cm	---	1560
3	TDS, ppm	Max 1500	1041
4	Alkalinity	80 - 120	89
5	Calcium Hardness	200 - 500	318
6	Residual Chlorine	1.0 - 3.0	1.27
7	Cyanuric Acid	20 - 60	36
8	Dip slide	<10 <sup>3</sup>	ND

*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).*

### COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit – No action Recommended.

Reported By,

Murugata  
Service Engineer

