

TEST REPORT

Report No: QMTL/R-93447/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-93447
ATTN : MR. JASMAN PINTO		Date Received	15 Feb 2020
		Date(s) Tested	15 Feb 2020 - 17 Feb 2020
		Date Reported	22 Feb 2020
Sample Description	Swimming Pool		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	15.02.2020/07:30 PM
Sample Container	1x500mL PB	Sampling Point	Pool
Sample Receipt Temp	5°C	Sample Onsite Temp	26°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	CAR PARKING - ADIA		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	-	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	1000	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Remarks	The sample meets DM Water Systems quality (2010) specifications for Pool Water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NP: Not Provided, NA: Not Applicable
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Test method deviation	None
Test performed by Emp#	55 & 78 & 74
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By



ANILA GEORGE

LABORATORY MANAGER



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END OF REPORT

TEST REPORT

Report No: QMTL/R-93448/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-93448	
	Date Received	15 Feb 2020	
	Date(s) Tested	15 Feb 2020 - 17 Feb 2020	
	Date Reported	22 Feb 2020	
Sample Description	Swimming Pool Balancing Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	15.02.2020/07:37 PM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	28°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	CAR PARKING - ADIA		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	-	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	1000	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Remarks	The sample meets DM Water Systems quality (2010) specifications for Pool Water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NP: Not Provided, NA: Not Applicable
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Test method deviation	None
Test performed by Emp#	78 & 74 & 55
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By



ANILA GEORGE

LABORATORY MANAGER



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END OF REPORT

SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	ABU DHABI INVESTMENT AUTHORITY, ABU DHABI	Service Visit:	16-02-2020
Sampled By	Crystalline Rep	Sample Location	ADIA – Car Parking
Sample Type	Pool Water		

TEST RESULT

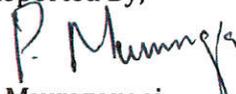
No	Parameter	Control limits	Main Pool	Balancing Tank
1	pH at 25°C	7.2 – 7.6	7.51	7.56
2	Conductivity at 25°C, µs/cm	Max 1500	410	470
3	TDS, ppm	Max 1000	266	305
4	Alkalinity	80 - 120	69	61
5	Calcium Hardness	100 - 500	92	116
6	Residual Chlorine	1.0 – 2.0	1.27	1.13
7	Cyanuric Acid	20 – 60	24	20
8	Dip slide	<10 ³	ND	ND

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

	Main Pool	Balancing Tank
1	PH, Conductivity & TDS levels are normal	PH, Conductivity & TDS levels are normal
2	Alkalinity is slightly low - kindly maintain the desired level	Alkalinity is slightly low - kindly maintain the desired level
3	Calcium Hardness level is slightly low - kindly maintain the desired level	Calcium Hardness level is slightly low - kindly maintain the desired level
4	Residual Chlorine & Cyanuric acid levels are satisfactory, please maintain parameters within the control limit	Residual Chlorine levels are slightly low, please maintain parameters within the control limit

Reported By,


Murugaraaj
Service Engineer

