

TEST REPORT

Report No: QMTL/R-99002/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-99002
		Date Received	24 Mar 2020
		Date(s) Tested	24 Mar 2020 - 26 Mar 2020
		Date Reported	01 Apr 2020
Sample Description	P1-Hydrotherapy Pool		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital	Sampling Date/Time	24.03.2020/ 10:30 AM
Sample Container	1x500ml PB	Sampling Point	Pool
Sample Receipt Temp	4.1°C	Sample Onsite Temp	33°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total bacterial count(Dip slide)	Kit Method	CFU/ml	1000	<1
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, DM: Dubai Municipality, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
Test method deviation	None
Test performed by Emp#	55 & 74
Report prepared by Emp#	72
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-99003/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-99003	
	Date Received	24 Mar 2020	
	Date(s) Tested	24 Mar 2020 - 26 Mar 2020	
	Date Reported	01 Apr 2020	
Sample Description	L.4, Cooling Tower-3		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital	Sampling Date/Time	24.03.2020/ 10:40 AM
Sample Container	1x500ml PB	Sampling Point	Cooling Tower
Sample Receipt Temp	4.1°C	Sample Onsite Temp	21.5°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10,000	290
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 74, 74 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-99004/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-99004	
	Date Received	24 Mar 2020	
	Date(s) Tested	24 Mar 2020 - 26 Mar 2020	
	Date Reported	01 Apr 2020	
Sample Description	L.4, Cooling Tower-4		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital	Sampling Date/Time	24.03.2020/ 10:50 AM
Sample Container	1x500ml PB	Sampling Point	Cooling Tower
Sample Receipt Temp	4.1°C	Sample Onsite Temp	23°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10,000	260
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 74, 74 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-99005/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		Sample ID	QMTL/S-99005
ATTN: Mr. JASMAN PINTO		Date Received	24 Mar 2020
		Date(s) Tested	24 Mar 2020-27 Mar 2020
		Date Reported	31 Mar 2020
Sample Description	P2 GRP Tank 5		
Sample Type	Water	Sampling Method	QMTL-SOP- 128
Client Name/Project	HEALTH POINT HOSPITAL	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	24.03.2020/ 11:15 PM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	4.1°C	Sample On-site Temp	29°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	LIMITS	RESULTS
CHEMICAL ANALYSIS				
pH @23.1°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.61
Conductivity @23.1°C	APHA 2510	µs/cm	-	182.9
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	120
Chloride (Cl)	APHA 4500-Cl B	mg/L	Max 250	36.15
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	55.03
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	62.89
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<0.05
Copper (Cu)	APHA 3120 B	mg/L	Max 1.0	<0.05
Silver (Ag)	APHA 3120 B	mg/L	Max 5.0	<0.05

Remarks	The sample meets RSB Water Quality Regulations (4 th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable, NP: Not Provided
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Test Method Deviation	None
Test performed by Emp#	67
Report prepared by Emp#	75
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TEST REPORT

Report No:QMTL/R-99006/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		Sample ID	QMTL/S-99006
P.O.Box.131463, Abu Dhabi, U.A.E		Date Received	24 Mar 2020
Ph:02-6508930/0557167017		Date(s) Tested	24 Mar 2020-27 Mar 2020
ATTN: Mr. JASMAN PINTO		Date Reported	31 Mar 2020
Sample Description	P2 GRP Tank 6		
Sample Type	Water	Sampling Method	QMTL-SOP- 128
Client Name/Project	HEALTH POINT HOSPITAL	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	24.03.2020/ 11:30 PM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	4.1°C	Sample On-site Temp	17°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	LIMITS	RESULTS
CHEMICAL ANALYSIS				
pH @23.3°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.51
Conductivity @23°C	APHA 2510	µs/cm	-	182.1
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	124
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	36.64
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	56.99
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	64.85
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<0.05
Copper (Cu)	APHA 3120 B	mg/L	Max 1.0	<0.05
Silver (Ag)	APHA 3120 B	mg/L	Max 5.0	<0.05

Remarks	The sample meets RSB Water Quality Regulations (4 th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable, NP: Not Provided
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Test Method Deviation	None
Test performed by Emp#	67
Report prepared by Emp#	75
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