

TEST REPORT

REPORT NO:-QMTL/R-82632

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82632
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : P1- Hydrotherapy Pool Sample Onsite Temp: 33.5°C Sample Receipt Temp: 4°C	Source: Pool	Date(s) Tested: 05-07.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETER	TEST METHOD	UNIT	SPECIFICATION	RESULT
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	Dip Slide	CFU/ml	1000	<1

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

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

Report prepared by Emp#: 75
Test Method deviation : None
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-82635

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82635
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : Water Feature, Ground Floor Sample Onsite Temp: 25°C Sample Receipt Temp: 4°C	Source: Water Feature	Date(s) Tested: 05-07.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETER	TEST METHOD	UNIT	SPECIFICATION	RESULT
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	Dip Slide	CFU/ml	500	20

REMARKS: The sample meets DM Water Systems quality (2010) specifications for water feature with respect to the above test only.

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

Report prepared by Emp#: 75

Test Method deviation : None

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

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REPORT NO:-QMTL/R-82636

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82636
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : L-4, Cooling Tower- 1 Sample Onsite Temp: 22°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 05-07.12.2019
	Sample Container: 1X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	65
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems 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#: 75
Test Method deviation : None
The above test results are only applicable to the sample(s) referred above

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REPORT NO:-QMTL/R-82637

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82637
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : L-4, Cooling Tower- 2 Sample Onsite Temp: 21°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 05-07.12.2019
	Sample Container: 1X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	72
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems 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#: 75
Test Method deviation : None
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REPORT NO:-QMTL/R-82638

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82638
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : L-4, Cooling Tower- 3 Sample Onsite Temp: 23°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 05-07.12.2019
	Sample Container: 1X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	14
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems 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#: 75
Test Method deviation : None
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REPORT NO:-QMTL/R-82639

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-82639
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description : L-4, Cooling Tower- 4 Sample Onsite Temp: 23.7°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 05-07.12.2019
	Sample Container: 1X 500ml PB	Date Reported: 09.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/04.30 PM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	29
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems 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#: 75

Test Method deviation : None

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REPORT NO: - QMTL/R-82634

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 1060 B	Sample ID: QMTL/S-82634
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description: P2- GRP Tank 6 Sample Onsite Temp: 18°C Sample Receipt Temp:4°C	Source: Tank	Date(s) Tested: 05-08.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 08.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/ 04:30 PM
On-Site Treatment: NA	Tested by Emp#: 35	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @22.9°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.86
Conductivity @22.6°C	APHA 2510	µs/cm	-	180.2
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	115
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	33.6
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	66.3
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	70.9
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 (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: pH: Potential Hydrogen, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 22

Test Method deviation : None

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REPORT NO: - QMTL/R-82633

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 1060 B	Sample ID: QMTL/S-82633
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 05.12.2019
Sample Description: P2- GRP Tank 5 Sample Onsite Temp: 26°C Sample Receipt Temp:4°C	Source: Tank	Date(s) Tested: 05-08.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 08.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 05.12.2019/ 04:30 PM
On-Site Treatment: NA	Tested by Emp#: 35	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @23.5°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.91
Conductivity @25.6°C	APHA 2510	µs/cm	-	179.5
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	118
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	30.5
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	68.3
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	70.6
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 (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: pH: Potential Hydrogen, APHA:American Public Health Association, RSB: Regulation & Supervision Bureau, NA:Not Applicable

Report prepared by Emp#: 22

Test Method deviation : None

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