

TEST REPORT

REPORT NO:-QMTL/R-89924

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-89924
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: MR-1- Pantry, Hot Water Sample Onsite Temp: 49°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/10:00AM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	5
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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



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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89925

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-89925
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: MR-1- Catering Kitchen, Hot Water Sample Onsite Temp: 50°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/10:11AM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	8
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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LABORATORY MANAGER



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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89943

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-89943
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: Convention Center, Kitchen, Hot Water Sample Onsite Temp: 53°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/03:07PM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	5
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89926

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-89926
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: MDH- E Light Catering Kitchen, Hot Water	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
Sample Onsite Temp: 64°C	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/10:27AM
Sample Receipt Temp: 5°C		
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	7
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89927

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-89927
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: MDH- Male Washroom, Hot Water Sample Onsite Temp: 39°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/10:39AM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89932

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-89932
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FDH- Kitchen, Hot Water Sample Onsite Temp: 57.1°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/11:38AM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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TEST REPORT

REPORT NO:-QMTL/R-89933

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-89933
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FDH- Dining Area, Hot Water Sample Onsite Temp: 57.1°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/11:47AM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	7
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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TEST REPORT

REPORT NO:-QMTL/R-89934

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-89934
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FRI- Pantry, Hot Water Sample Onsite Temp: 54°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/12:011PM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	3
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89941

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-89941
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FSP- Washroom, Hot Water Sample Onsite Temp: 37°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/02:07PM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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TEST REPORT

REPORT NO:-QMTL/R-89942

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-89942
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FSP- Pantry, Hot Water Sample Onsite Temp: 47°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/02:21PM
On-Site Treatment: NA	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	8
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-89935

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-89935
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 21.01.2020
Sample Description: FRI- Catering Kitchen, Hot Water Sample Onsite Temp: 50°C Sample Receipt Temp: 5°C	Source: Tap	Date(s) Tested: 21.01.2020-23.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 27.01.2020
On-Site Treatment: NA	Sample Appearance: Clear	Date of Sampling/Time: 21.01.2020/12:28PM
	Tested by Emp#: 14, 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

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:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, 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

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END OF REPORT

TEST REPORT

Report No: QMTL/R-89947/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box. 131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO	Sample ID	QMTL/S-89947	
	Date Received	21.01.2020	
	Date(s) Tested	21.01.2020-31.01.2020	
	Date Reported	03.02.2020	
Sample Description	MR-1 Pantry, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/10:02 AM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	49°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55,74 & 78
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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TEST REPORT

Report No: QMTL/R-89948/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		Sample ID	QMTL/S-89948
P.O.Box. 131463, Abu Dhabi, U.A.E		Date Received	21.01.2020
Ph:02-6508930/0557167017		Date(s) Tested	21.01.2020-31.01.2020
ATTN: Mr. JASMAN PINTO		Date Reported	03.02.2020
Sample Description	MR-1 Catering Kitchen, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/10:13 AM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	50°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By

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END OF REPORT

TEST REPORT

Report No: QMTL/R-89966/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box. 131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89966
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	Convention Center-Kitchen, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/03:10PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	53°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4 th Edition) January 2014 requirements for potable water with respect to the above tests only.
---------	--

Keywords	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
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-89949/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89949
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	MDH-E Light Catering Kitchen, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/10:30 AM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	64°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55 74 & 78
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-89950/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89950
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	MDH-Male Washroom, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/10:41 AM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	39°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4 th Edition) January 2014 requirements for potable water with respect to the above tests only.
---------	--

Keywords	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
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-89955/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89955
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	FDH-Kitchen, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/11:40AM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	57.1°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	74 & 78
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-89956/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box. 131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO	Sample ID	QMTL/S-89956
	Date Received	21.01.2020
	Date(s) Tested	21.01.2020-31.01.2020
	Date Reported	03.02.2020
Sample Description	FDH-Dining Area, Hot Water	
Sample Type	Water	Sampling Method
Client Name/Project	NA	Sampled By
Location	Abu Dhabi	Sampling Date/Time
Sample Container	1x1L PB	Sampling Point
Sample Receipt Temp	17°C	Sample On-site Temp
Sample Appearance	Clear	On-site Treatment
Reference	ZAYED UNIVERSITY	

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By

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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

Report No: QMTL/R-89957/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box. 131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89957
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	FRI-Pantry, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/12:13PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	54°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By

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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

Report No: QMTL/R-89958/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO		Sample ID	QMTL/S-89958
		Date Received	21.01.2020
		Date(s) Tested	21.01.2020-31.01.2020
		Date Reported	03.02.2020
Sample Description	FRI-Catering Kitchen, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/12:31PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	50°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55, 74 & 78
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

Reported By

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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

Report No:QMTL/R-89964/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO	Sample ID	QMTL/S-89964	
	Date Received	21.01.2020	
	Date(s) Tested	21.01.2020-31.01.2020	
	Date Reported	03.02.2020	
Sample Description	FSP-Washroom, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/02:11PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	37°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

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	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
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Test Method Deviation	None
Test performed by Emp#	55,74 & 78
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-89965/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO	Sample ID	QMTL/S-89965	
	Date Received	21.01.2020	
	Date(s) Tested	21.01.2020-31.01.2020	
	Date Reported	03.02.2020	
Sample Description	FSP-Pantry, Hot Water		
Sample Type	Water	Sampling Method	BS 7592
Client Name/Project	NA	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	21.01.2020/02:24PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	17°C	Sample On-site Temp	47°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ZAYED UNIVERSITY		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	CFU/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4 th Edition) January 2014 requirements for potable water with respect to the above tests only.
---------	--

Keywords	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, BS: British Standards, RSB: Regulation & Supervision Bureau, NA: Not Applicable
----------	---

Test Method Deviation	None
Test performed by Emp#	55,74 & 78
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

CONSULTING SERVICE REPORT

CUSTOMER: SERCO MIDDLE EAST

**To: MR. MUHAMMED AFSHAR
OPERATIONS ENGINEER**

DATE: 21-01-2020

SITE: ZAYED UNIVERSITY

Copy: SERCO

LOCATION: MR 1, PANTRY

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	9.08			
Conductivity at 25°C, µs/cm	1600 Max.	129			
Total Dissolved Solids (TDS)	1000 Max.	83			
Total Hardness, ppm as CaCO ₃	300 Max.	56			
Calcium Hardness, ppm as CaCO ₃	200 Max.	44			
Chlorides (Cl ⁻), mg/l	250 Max.	29			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

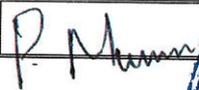
The pH and Conductivity/TDS are found satisfactory. ⇔

ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.

To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER

DATE: 21-01-2020

SITE: ZAYED UNIVERSITY

Copy: SERCO

LOCATION: MR 1, CATERING KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.87			
Conductivity at 25°C, µs/cm	1600 Max.	129			
Total Dissolved Solids (TDS)	1000 Max.	84			
Total Hardness, ppm as CaCO ₃	300 Max.	46			
Calcium Hardness, ppm as CaCO ₃	200 Max.	38			
Chlorides (Cl ⁻), mg/l	250 Max.	31			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇔	No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.

To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER

DATE: 21-01-2020

SITE: ZAYED UNIVERSITY

Copy: SERCO

LOCATION: CONVENTION CENTER-KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.55			
Conductivity at 25°C, µs/cm	1600 Max.	131			
Total Dissolved Solids (TDS)	1000 Max.	85			
Total Hardness, ppm as CaCO ₃	300 Max.	39			
Calcium Hardness, ppm as CaCO ₃	200 Max.	34			
Chlorides (Cl ⁻), mg/l	250 Max.	29			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

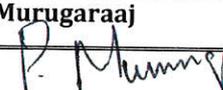
The pH and Conductivity/TDS are found satisfactory. ⇔

ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.

To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER

DATE: 21-01-2020

SITE: ZAYED UNIVERSITY

Copy: SERCO

LOCATION: MDH E-LIGHT KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.73			
Conductivity at 25°C, µs/cm	1600 Max.	136			
Total Dissolved Solids (TDS)	1000 Max.	88			
Total Hardness, ppm as CaCO ₃	300 Max.	38			
Calcium Hardness, ppm as CaCO ₃	200 Max.	32			
Chlorides (Cl ⁻), mg/l	250 Max.	33			
Sulphate (SO ₄ ²⁻), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

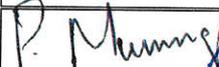
All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:	ACTION:
The pH levels are high ⇨	Please maintain the desired control limit

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 21-01-2020
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: MDH, WASH ROOM

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.62			
Conductivity at 25°C, µs/cm	1600 Max.	130			
Total Dissolved Solids (TDS)	1000 Max.	84			
Total Hardness, ppm as CaCO ₃	300 Max.	41			
Calcium Hardness, ppm as CaCO ₃	200 Max.	36			
Chlorides (Cl ⁻), mg/l	250 Max.	39			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇔	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 21-01-2020
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FDH, KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.60			
Conductivity at 25°C, µs/cm	1600 Max.	138			
Total Dissolved Solids (TDS)	1000 Max.	90			
Total Hardness, ppm as CaCO ₃	300 Max.	37			
Calcium Hardness, ppm as CaCO ₃	200 Max.	35			
Chlorides (Cl ⁻), mg/l	250 Max.	32			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

ACTION:

The pH and Conductivity/TDS are found satisfactory. ☐	No action recommended.

INVENTORY LEVELS

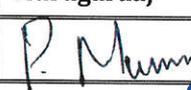
DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.		To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER		DATE: 21-01-2020	
SITE: ZAYED UNIVERSITY		Copy: SERCO		LOCATION: FDH, DINNING AREA	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.53			
Conductivity at 25°C, µs/cm	1600 Max.	138			
Total Dissolved Solids (TDS)	1000 Max.	89			
Total Hardness, ppm as CaCO ₃	300 Max.	38			
Calcium Hardness, ppm as CaCO ₃	200 Max.	30			
Chlorides (Cl ⁻), mg/l	250 Max.	28			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			
<i>All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)</i>					
COMMENTS:			ACTION:		
The pH and Conductivity/TDS are found satisfactory. ⇔			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
			--		
Service Engineer:			Client:		
Murugaraaj			Mr. MUHAMMED AFSHAR		
Signature:			Signature:		
					





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 21-01-2020
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FR1, PANTRY

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.54			
Conductivity at 25°C, µs/cm	1600 Max.	133			
Total Dissolved Solids (TDS)	1000 Max.	86			
Total Hardness, ppm as CaCO ₃	300 Max.	37			
Calcium Hardness, ppm as CaCO ₃	200 Max.	35			
Chlorides (Cl ⁻), mg/l	250 Max.	26			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

ACTION:

No action recommended.

INVENTORY LEVELS

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.		To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER		DATE: 21-01-2020	
SITE: ZAYED UNIVERSITY		Copy: SERCO		LOCATION: FR 1 , CATERING KITCHEN	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 – 9.2	8.53			
Conductivity at 25°C, µs/cm	1600 Max.	134			
Total Dissolved Solids (TDS)	1000 Max.	87			
Total Hardness, ppm as CaCO ₃	300 Max.	33			
Calcium Hardness, ppm as CaCO ₃	200 Max.	29			
Chlorides (Cl ⁻), mg/l	250 Max.	24			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			
<i>All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)</i>					
COMMENTS:			ACTION:		
The pH and Conductivity/TDS are found satisfactory. ⇐			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
			--		
Service Engineer: Murugaraaj			Client: Mr. MUHAMMED AFSHAR		
Signature:			Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 21-01-2020
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FSP, WASH ROOM

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.66			
Conductivity at 25°C, µs/cm	1600 Max.	133			
Total Dissolved Solids (TDS)	1000 Max.	86			
Total Hardness, ppm as CaCO ₃	300 Max.	37			
Calcium Hardness, ppm as CaCO ₃	200 Max.	35			
Chlorides (Cl ⁻), mg/l	250 Max.	35			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

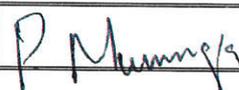
ACTION:

No action recommended.

INVENTORY LEVELS

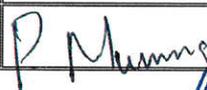
DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 21-01-2020			
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FSP, PANTRY			
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.89			
Conductivity at 25°C, µs/cm	1600 Max.	129			
Total Dissolved Solids (TDS)	1000 Max.	84			
Total Hardness, ppm as CaCO ₃	300 Max.	39			
Calcium Hardness, ppm as CaCO ₃	200 Max.	37			
Chlorides (Cl ⁻), mg/l	250 Max.	22			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			
<i>All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)</i>					
COMMENTS:			ACTION:		
The pH and Conductivity/TDS are found satisfactory. ⇨			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
			--		
Service Engineer: Murugaraaj			Client: Mr. MUHAMMED AFSHAR		
Signature: 			Signature: 		

