

TEST REPORT

Report No: QMTL/R-98430/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-98430
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 21 Mar 2020
ATTN : MR. JASMAN PINTO		Date Reported	30 Mar 2020
Sample Description	SV1 Ground Floor, Male Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/11:30 AM
Sample Container	1x500ml PB	Sampling Point	Tap(Sink)
Sample Receipt Temp	4.5°C	Sample Onsite Temp	27°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	3
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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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-98431/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-98431
ATTN : MR. JASMAN PINTO		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 21 Mar 2020
		Date Reported	30 Mar 2020
Sample Description	SV2 Ground Floor, Male Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/11:45 AM
Sample Container	1x500ml PB	Sampling Point	Tap(Sink)
Sample Receipt Temp	4.5°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-98432/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-98432	
	Date Received	18 Mar 2020	
	Date(s) Tested	19 Mar 2020 - 21 Mar 2020	
	Date Reported	30 Mar 2020	
Sample Description	Male Side, MDH Kitchen		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/12:02 PM
Sample Container	1x500ml PB	Sampling Point	Tap(Sink)
Sample Receipt Temp	4.5°C	Sample Onsite Temp	25°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-98433/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-98433
ATTN : MR. JASMAN PINTO		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 21 Mar 2020
		Date Reported	30 Mar 2020
Sample Description	Male Side, MDH Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/12:26 PM
Sample Container	1x500ml PB	Sampling Point	Tap
Sample Receipt Temp	4.5°C	Sample Onsite Temp	28°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	4
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-98434/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-98434
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 21 Mar 2020
		Date Reported	30 Mar 2020
Sample Description	Female Side, Pantry		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/12:46 PM
Sample Container	1x500ml PB	Sampling Point	Tap(Sink)
Sample Receipt Temp	4.5°C	Sample Onsite Temp	25.1°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	2
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-98435/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-98435
ATTN : MR. JASMAN PINTO		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 21 Mar 2020
		Date Reported	30 Mar 2020
Sample Description	Female Side, FDH Kitchen		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Zayed University	Sampling Date/Time	19.03.2020/1:05 PM
Sample Container	1x500ml PB	Sampling Point	Tap(Sink)
Sample Receipt Temp	4.5°C	Sample Onsite Temp	24.3°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	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.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction.
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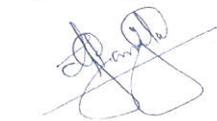
Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-98440/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-98440	
	Date Received	18 Mar 2020	
	Date(s) Tested	19 Mar 2020 - 29 Mar 2020	
	Date Reported	31 Mar 2020	
Sample Description	SVI Ground Floor, Male Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/11:30 AM
Sample Container	1x1L PB	Sampling Point	Tap (Sink)
Sample Receipt Temp	20°C	Sample Onsite Temp	27°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	9
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The above test results are only applicable to the sample(s) referred above.

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TEST REPORT

Report No: QMTL/R-98441/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-98441
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 29 Mar 2020
		Date Reported	31 Mar 2020
Sample Description	SV2 Ground Floor, Male Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/11:45 AM
Sample Container	1x1L PB	Sampling Point	Tap (Sink)
Sample Receipt Temp	20°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	74 & 78
Report prepared by Emp#	9
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-98442/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-98442	
	Date Received	18 Mar 2020	
	Date(s) Tested	19 Mar 2020 - 29 Mar 2020	
	Date Reported	31 Mar 2020	
Sample Description	Male Side, MDH Kitchen		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/12:02 PM
Sample Container	1x1L PB	Sampling Point	Tap (Sink)
Sample Receipt Temp	20°C	Sample Onsite Temp	25°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	9
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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-98443/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-98443
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 29 Mar 2020
		Date Reported	31 Mar 2020
Sample Description	Male Side, MDH Wash Room		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/1:26 PM
Sample Container	1x1L PB	Sampling Point	Tap
Sample Receipt Temp	20°C	Sample Onsite Temp	28°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	74 & 78
Report prepared by Emp#	9
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-98444/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-98444
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 29 Mar 2020
		Date Reported	31 Mar 2020
Sample Description	Female Side, Pantry		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/12:46 PM
Sample Container	1x1L PB	Sampling Point	Tap (Sink)
Sample Receipt Temp	20°C	Sample Onsite Temp	25.1°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	74 & 78
Report prepared by Emp#	9

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-98445/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO		Sample ID	QMTL/S-98445
		Date Received	18 Mar 2020
		Date(s) Tested	19 Mar 2020 - 29 Mar 2020
		Date Reported	31 Mar 2020
Sample Description	Female Side, FDH Kitchen		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	Serco Middle East	Sampled By	QMTL Representative
Location	Zayed university	Sampling Date/Time	19.03.2020/1:05 PM
Sample Container	1x1L PB	Sampling Point	Tap (Sink)
Sample Receipt Temp	20°C	Sample Onsite Temp	24.3°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent
Legionella Species	ISO 11731:2017 E	-	-	Absent

Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
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Test performed by Emp#	74 & 78
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Report prepared by Emp#	9
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END OF REPORT

CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-03-2020
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: SV1 – GF Male Wash Room, Wash Room

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 – 9.2	7.94			
Conductivity at 25°C, µs/cm	1600 Max.	178			
Total Dissolved Solids (TDS)	1000 Max.	115			
Total Hardness, ppm as CaCO ₃	300 Max.	58			
Calcium Hardness, ppm as CaCO ₃	200 Max.	54			
Chlorides (Cl ⁻), mg/l	250 Max.	41			
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			

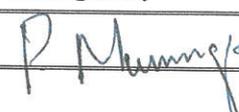
All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

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: 18-03-2020
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: SV2 - Ground Floor Male Wash Room

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	7.65			
Conductivity at 25°C, µs/cm	1600 Max.	187			
Total Dissolved Solids (TDS)	1000 Max.	121			
Total Hardness, ppm as CaCO ₃	300 Max.	57			
Calcium Hardness, ppm as CaCO ₃	200 Max.	51			
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:

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: 18-03-2020
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Male Side, MDH Kitchen

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 – 9.2	7.84			
Conductivity at 25°C, µs/cm	1600 Max.	189			
Total Dissolved Solids (TDS)	1000 Max.	122			
Total Hardness, ppm as CaCO ₃	300 Max.	59			
Calcium Hardness, ppm as CaCO ₃	200 Max.	53			
Chlorides (Cl ⁻), mg/l	250 Max.	36			
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 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: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Male Side MDH, Male Wash Room

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTBALE WATER			
pH at 25°C	7.0 - 9.2	7.63			
Conductivity at 25°C, µs/cm	1600 Max.	182			
Total Dissolved Solids (TDS)	1000 Max.	118			
Total Hardness, ppm as CaCO ₃	300 Max.	56			
Calcium Hardness, ppm as CaCO ₃	200 Max.	50			
Chlorides (Cl ⁻), mg/l	250 Max.	43			
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.	1.3			
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: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Female Side Pantry

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 – 9.2	7.96			
Conductivity at 25°C, µs/cm	1600 Max.	192			
Total Dissolved Solids (TDS)	1000 Max.	124			
Total Hardness, ppm as CaCO ₃	300 Max.	57			
Calcium Hardness, ppm as CaCO ₃	200 Max.	51			
Chlorides (Cl ⁻), mg/l	250 Max.	40			
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

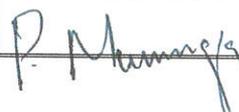
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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: 18-03-2020
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Female Side, FDH Kitchen

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 – 9.2	8.03			
Conductivity at 25°C, µs/cm	1600 Max.	195			
Total Dissolved Solids (TDS)	1000 Max.	126			
Total Hardness, ppm as CaCO ₃	300 Max.	59			
Calcium Hardness, ppm as CaCO ₃	200 Max.	56			
Chlorides (Cl ⁻), mg/l	250 Max.	41			
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 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:	

