

TEST REPORT

Report No: QMTL/R-102823/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102823	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	Main RCC Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 11:50 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	31.6°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 & 55
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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



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LABORATORY MANAGER



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TEST REPORT

Report No: QMTL/R-102815/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102815	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C2, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 10:30 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°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	<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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102817/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102817	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C1,B1, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 10:50 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°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	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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102820/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102820	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A1D1, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 11:20 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	29.3°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	8
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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102822/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102822	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A2A3, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 11:40 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°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	<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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102824/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102824	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A4A5, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	28.9°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	5
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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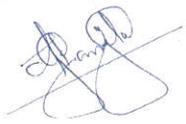
Test method deviation	None
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Test performed by Emp#	74 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102827/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102827	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A6 D2, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:30 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	29.8°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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102829/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102829	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C3B2, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:50 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°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	5
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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102816/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102816	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C2, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 10:40 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	21°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	8
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 & 55
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-102818/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102818	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C1,B1, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 11:00 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	20.5°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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1

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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102821/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102821	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A1D1, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 11:30 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	23°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	6

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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102825/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102825	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A4A5, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:10 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	22.6°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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	4

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 & 55
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-102826/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102826	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A2A3, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:20 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	21.7°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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1

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 & 55
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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-102828/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102828	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	A6D2, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 12:40 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	23.5°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 Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	2

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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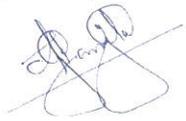
Test method deviation	None
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Test performed by Emp#	74 & 55
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Report prepared by Emp#	72
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The above test results are only applicable to the sample(s) referred above.

Reported By




ANILA GEORGE
LABORATORY MANAGER

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END OF REPORT

TEST REPORT

Report No: QMTL/R-102830/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-102830	
	Date Received	09 May 2020	
	Date(s) Tested	09 May 2020 - 11 May 2020	
	Date Reported	17 May 2020	
Sample Description	C3B2, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	09.05.2020/ 1:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	23°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	6

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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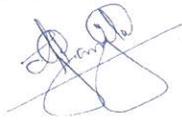
Test method deviation	None
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Test performed by Emp#	74 & 55
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Report prepared by Emp#	72
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The above test results are only applicable to the sample(s) referred above.

Reported By



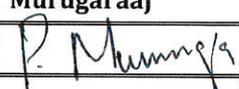
ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT

CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 09-05-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 12-04-2020	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	MAIN WATER TANK			
pH at 25°C	7.0 – 9.2	8.89			
Conductivity at 25°C, µs/cm	1600 Max.	254			
Total Dissolved Solids (TDS)	1000 Max.	165			
Total Hardness, ppm as CaCO ₃	300 Max.	83			
Calcium Hardness, ppm as CaCO ₃	200 Max.	76			
Total Alkalinity	--	69			
Chlorides (Cl ⁻), mg/l	250 Max.	61			
Iron (Fe), mg/l	0.2 Max.	<0.09			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.07			
Aluminum (Al), mg/l	0.2 Max.	<0.06			
Zinc (Zn), mg/l	5 Max.	<0.16			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.5			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.31			
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.		
Dissolved iron levels are within control limits ⇔			No action recommended.		
Chlorine dioxide levels found satisfactory. ⇔			No action recommended.		
Chlorine dioxide levels found satisfactory. Kindly maintain the same dosage of ClO₂ for effective disinfection of the water. The acid & chlorite dosing pumps, dosing tubes are in good condition. The system is working effectively.					
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
Bello Zon Acid	15 Cans		--		
Bello Zon Chlorite	15 Cans				
Service Engineer:	Murugaraaj		Client:	Mr. Ratheesh Muttath	
Signature:			Signature:		





CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		C2	
pH at 25°C	7.0 – 9.2	8.81	
Conductivity at 25°C, µs/cm	--	251	
Total Dissolved Solids (TDS)	1000 Max.	163	
Total Hardness, ppm as CaCO ₃	300 Max.	85	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	66	
Chloride, ppm as Cl ⁻	250 Max.	57	
Iron, ppm as Fe	0.2 Max.	<0.19	
Sulphate (SO ₄), mg/l	250 Max.	<11	
Copper (Cu), mg/l	1 Max.	<0.07	
Aluminum (Al), mg/l	0.2 Max.	<0.12	
Zinc (Zn), mg/l	5 Max	<0.31	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.09	
Fluorides (F)	1.5 Max	<0.04	
Potassium (K)	12 Max.	<5.00	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.32	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			--	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj		Client:	Mr. Ratheesh Muttath
Signature:			Signature:	

CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

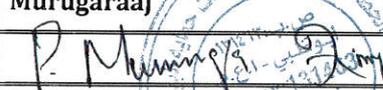
PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		C3B2	
pH at 25°C	7.0 - 9.2	8.75	
Conductivity at 25°C, µs/cm	--	239	
Total Dissolved Solids (TDS)	1000 Max.	155	
Total Hardness, ppm as CaCO ₃	300 Max.	89	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	69	
Chloride, ppm as Cl ⁻	250 Max.	57	
Iron, ppm as Fe	0.2 Max.	<0.18	
Sulphate (SO ₄), mg/l	250 Max.	<14	
Copper (Cu), mg/l	1 Max.	<0.06	
Aluminum (Al), mg/l	0.2 Max.	<0.15	
Zinc (Zn), mg/l	5 Max	<0.29	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max	<0.06	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.33	
Free Residual Chlorine as Cl	0.2 - 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			--	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

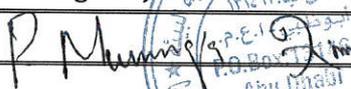
PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		A6D2	
pH at 25°C	7.0 – 9.2	8.63	
Conductivity at 25°C, µs/cm	--	259	
Total Dissolved Solids (TDS)	1000 Max.	168	
Total Hardness, ppm as CaCO ₃	300 Max.	89	
Calcium Hardness, ppm as CaCO ₃	200 Max.	77	
Total Alkalinity	--	68	
Chloride, ppm as Cl ⁻	250 Max.	66	
Iron, ppm as Fe	0.2 Max.	<0.19	
Sulphate (SO ₄), mg/l	250 Max.	<14	
Copper (Cu), mg/l	1 Max.	<0.08	
Aluminum (Al), mg/l	0.2 Max.	<0.11	
Zinc (Zn), mg/l	5 Max	<0.22	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.06	
Fluorides (F)	1.5 Max	<0.09	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.35	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			---	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

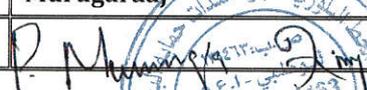
PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		A4A5	
pH at 25°C	7.0 – 9.2	8.49	
Conductivity at 25°C, µs/cm	--	264	
Total Dissolved Solids (TDS)	1000 Max.	171	
Total Hardness, ppm as CaCO ₃	300 Max.	79	
Calcium Hardness, ppm as CaCO ₃	200 Max.	67	
Total Alkalinity	--	58	
Chloride, ppm as Cl ⁻	250 Max.	56	
Iron, ppm as Fe	0.2 Max.	<0.19	
Sulphate (SO ₄), mg/l	250 Max.	<19	
Copper (Cu), mg/l	1 Max.	<0.06	
Aluminum (Al), mg/l	0.2 Max.	<0.08	
Zinc (Zn), mg/l	5 Max.	<0.17	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.09	
Fluorides (F)	1.5 Max.	<0.06	
Potassium (K)	12 Max.	<5.00	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.31	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max.	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			--	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		C1B1	
pH at 25°C	7.0 – 9.2	7.98	
Conductivity at 25°C, µs/cm	--	247	
Total Dissolved Solids (TDS)	1000 Max.	160	
Total Hardness, ppm as CaCO ₃	300 Max.	89	
Calcium Hardness, ppm as CaCO ₃	200 Max.	76	
Total Alkalinity	--	65	
Chloride, ppm as Cl ⁻	250 Max.	68	
Iron, ppm as Fe	0.2 Max.	<0.15	
Sulphate (SO ₄), mg/l	250 Max.	<18	
Copper (Cu), mg/l	1 Max.	<0.07	
Aluminum (Al), mg/l	0.2 Max.	<0.15	
Zinc (Zn), mg/l	5 Max	<0.26	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max	<0.08	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.26	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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

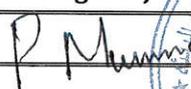
COMMENTS:

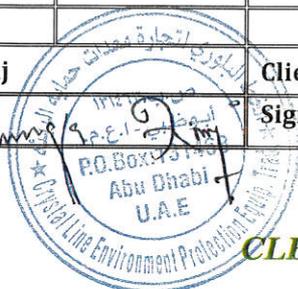
ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

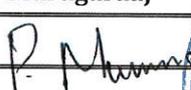
INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			--	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 09-05-2020	
CUSTOMER ID: 3003		Copy: SERCO – NYUAD		LAST VISIT: 12-04-2020	
POTABLE WATER ANALYSIS					
			AMBIENT WATER		
PARAMETER		CONTROL LIMITS		A1D1	
pH at 25°C		7.0 – 9.2		8.42	
Conductivity at 25°C, µs/cm		--		244	
Total Dissolved Solids (TDS)		1000 Max.		158	
Total Hardness, ppm as CaCO ₃		300 Max.		76	
Calcium Hardness, ppm as CaCO ₃		200 Max.		63	
Total Alkalinity		--		59	
Chloride, ppm as Cl ⁻		250 Max.		53	
Iron, ppm as Fe		0.2 Max.		<0.06	
Sulphate (SO ₄), mg/l		250 Max.		<14	
Copper (Cu), mg/l		1 Max.		<0.06	
Aluminum (Al), mg/l		0.2 Max.		<0.08	
Zinc (Zn), mg/l		5 Max.		<0.13	
Nitrate (NO ₃ ⁻), mg/l		50 Max.		<1.0	
Nitrite (NO ₂ ⁻), mg/l		3.0 Max.		<0.07	
Fluorides (F)		1.5 Max.		<0.05	
Potassium (K)		12 Max.		<5.0	
Treatment Residuals					
Odor		Unobjectionable		ND	
Chlorine Dioxide ClO ₂		0.2 – 0.5		0.34	
Free Residual Chlorine as Cl		0.2 – 0.5		--	
Turbidity in NTU		4 Max.		<1.0	
<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.		
Dissolved iron levels are within control limits ⇨			No action recommended.		
Chlorine Dioxide levels found satisfactory ⇨			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
Bello Zon Acid			--	--	
Bello Zon Chlorite			--	--	
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath		
Signature:		Signature:			



CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		A2A3	
pH at 25°C	7.0 - 9.2	8.44	
Conductivity at 25°C, µs/cm	--	253	
Total Dissolved Solids (TDS)	1000 Max.	164	
Total Hardness, ppm as CaCO ₃	300 Max.	81	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	63	
Chloride, ppm as Cl ⁻	250 Max.	58	
Iron, ppm as Fe	0.2 Max.	<0.13	
Sulphate (SO ₄), mg/l	250 Max.	<12	
Copper (Cu), mg/l	1 Max.	<0.09	
Aluminum (Al), mg/l	0.2 Max.	<0.08	
Zinc (Zn), mg/l	5 Max	<0.14	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.09	
Fluorides (F)	1.5 Max	<0.04	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.36	
Free Residual Chlorine as Cl	0.2 - 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid			--	--
Bello Zon Chlorite			--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

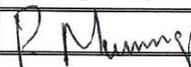
PARAMETER	CONTROL LIMITS	COLD WATER	
		C3B2	
pH at 25°C	7.0 – 9.2	8.48	
Conductivity at 25°C, µs/cm	--	239	
Total Dissolved Solids (TDS)	1000 Max.	155	
Total Hardness, ppm as CaCO ₃	300 Max.	86	
Calcium Hardness, ppm as CaCO ₃	200 Max.	77	
Total Alkalinity	--	66	
Chloride, ppm as Cl ⁻	250 Max.	58	
Iron, ppm as Fe	0.2 Max.	<0.25	
Sulphate (SO ₄), mg/l	250 Max.	<14	
Copper (Cu), mg/l	1 Max.	<0.06	
Aluminum (Al), mg/l	0.2 Max.	<0.13	
Zinc (Zn), mg/l	5 Max	<0.29	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.09	
Fluorides (F)	1.5 Max	<0.01	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.35	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj		Client:	Mr. Ratheesh Muttath
Signature:			Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 12-04-2020

POTABLE WATER ANALYSIS

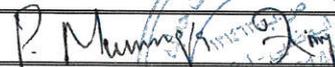
PARAMETER	CONTROL LIMITS	COLD WATER	
		A6D2	
pH at 25°C	7.0 - 9.2	8.49	
Conductivity at 25°C, µs/cm	--	271	
Total Dissolved Solids (TDS)	1000 Max.	176	
Total Hardness, ppm as CaCO ₃	300 Max.	85	
Calcium Hardness, ppm as CaCO ₃	200 Max.	76	
Total Alkalinity	--	69	
Chloride, ppm as Cl ⁻	250 Max.	58	
Iron, ppm as Fe	0.2 Max.	<0.19	
Sulphate (SO ₄), mg/l	250 Max.	<16	
Copper (Cu), mg/l	1 Max.	<0.09	
Aluminum (Al), mg/l	0.2 Max.	<0.12	
Zinc (Zn), mg/l	5 Max.	<0.17	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max.	<0.01	
Potassium (K)	12 Max.	<5.0	

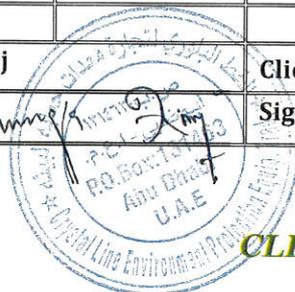
Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.35	
Free Residual Chlorine as Cl	0.2 - 0.5	--	
Turbidity in NTU	4 Max.	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
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CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020
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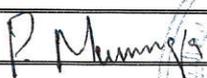
POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		A4A5	
pH at 25°C	7.0 – 9.2	8.48	
Conductivity at 25°C, µs/cm	--	252	
Total Dissolved Solids (TDS)	1000 Max.	163	
Total Hardness, ppm as CaCO ₃	300 Max.	87	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	59	
Chloride, ppm as Cl ⁻	250 Max.	52	
Iron, ppm as Fe	0.2 Max.	<0.17	
Sulphate (SO ₄), mg/l	250 Max.	<16	
Copper (Cu), mg/l	1 Max.	<0.09	
Aluminum (Al), mg/l	0.2 Max.	<0.06	
Zinc (Zn), mg/l	5 Max	<0.16	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max	<0.01	
Potassium (K)	12 Max.	<5.00	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.31	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

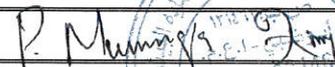
All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

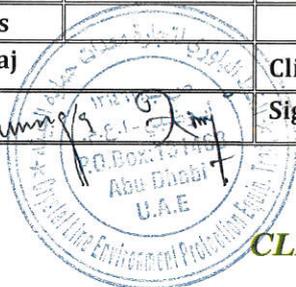
COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 09-05-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 12-04-2020	
POTABLE WATER ANALYSIS					
			COLD WATER		
PARAMETER		CONTROL LIMITS		C1B1	
pH at 25°C		7.0 - 9.2		8.46	
Conductivity at 25°C, µs/cm		--		254	
Total Dissolved Solids (TDS)		1000 Max.		165	
Total Hardness, ppm as CaCO ₃		300 Max.		75	
Calcium Hardness, ppm as CaCO ₃		200 Max.		63	
Total Alkalinity		--		59	
Chloride, ppm as Cl ⁻		250 Max.		52	
Iron, ppm as Fe		0.2 Max.		<0.19	
Sulphate (SO ₄), mg/l		250 Max.		<16	
Copper (Cu), mg/l		1 Max.		<0.07	
Aluminum (Al), mg/l		0.2 Max.		<0.11	
Zinc (Zn), mg/l		5 Max.		<0.26	
Nitrate (NO ₃ ⁻), mg/l		50 Max.		<1.0	
Nitrite (NO ₂ ⁻), mg/l		3.0 Max.		<0.08	
Fluorides (F)		1.5 Max.		<0.01	
Potassium (K)		12 Max.		<5.0	
Treatment Residuals					
Odor		Unobjectionable		ND	
Chlorine Dioxide ClO ₂		0.2 - 0.5		0.34	
Free Residual Chlorine as Cl		0.2 - 0.5		--	
Turbidity in NTU		4 Max.		<1.0	
<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.		
Dissolved iron levels are within control limits ⇨			No action recommended.		
Chlorine Dioxide levels found satisfactory ⇨			No action recommended.		
INVENTORY LEVELS					
			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
Bello Zon Acid	15 Cans		--	--	
Bello Zon Chlorite	15 Cans		--	--	
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath		
Signature:		Signature:			





CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
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CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 12-04-2020
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POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		A1D1	
pH at 25°C	7.0 – 9.2	8.69	
Conductivity at 25°C, µs/cm	--	252	
Total Dissolved Solids (TDS)	1000 Max.	163	
Total Hardness, ppm as CaCO ₃	300 Max.	86	
Calcium Hardness, ppm as CaCO ₃	200 Max.	77	
Total Alkalinity	--	58	
Chloride, ppm as Cl ⁻	250 Max.	56	
Iron, ppm as Fe	0.2 Max.	<0.15	
Sulphate (SO ₄), mg/l	250 Max.	<10	
Copper (Cu), mg/l	1 Max.	<0.06	
Aluminum (Al), mg/l	0.2 Max.	<0.07	
Zinc (Zn), mg/l	5 Max	<0.09	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.05	
Fluorides (F)	1.5 Max	<0.03	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.33	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 09-05-2020
CUSTOMER ID: 3003	Copy: SERCO – NYUAD	LAST VISIT: 12-04-2020

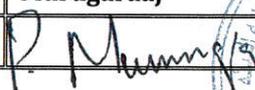
POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		A2A3	
pH at 25°C	7.0 – 9.2	8.84	
Conductivity at 25°C, µs/cm	--	245	
Total Dissolved Solids (TDS)	1000 Max.	159	
Total Hardness, ppm as CaCO ₃	300 Max.	77	
Calcium Hardness, ppm as CaCO ₃	200 Max.	69	
Total Alkalinity	--	61	
Chloride, ppm as Cl ⁻	250 Max.	58	
Iron, ppm as Fe	0.2 Max.	<0.14	
Sulphate (SO ₄), mg/l	250 Max.	<12	
Copper (Cu), mg/l	1 Max.	<0.07	
Aluminum (Al), mg/l	0.2 Max.	<0.09	
Zinc (Zn), mg/l	5 Max	<0.19	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.07	
Fluorides (F)	1.5 Max	<0.01	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 – 0.5	0.34	
Free Residual Chlorine as Cl	0.2 – 0.5	--	
Turbidity in NTU	4 Max	<1.0	

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.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		

