

TEST REPORT

Report No: QMTL/R-115154/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115154
		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
ATTN : MR. JASMAN PINTO		Date Reported	12 Aug 2020
Sample Description	Main Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 10:00 AM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	26.2°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#	14 & 74
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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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END OF REPORT

TEST REPORT

Report No: QMTL/R-115165/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115165
		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
ATTN : MR. JASMAN PINTO		Date Reported	12 Aug 2020
Sample Description	C2 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 01:36 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	23.6°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	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#	14 & 74
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-115168/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115168	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	C1 B1 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 02:11 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	24°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#	14 & 74
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-115170/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115170	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	A1 D1 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 02:50 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	26°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#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115172/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115172
	Date Received	08 Aug 2020
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020
	Date Reported	12 Aug 2020
Sample Description	A2 A3 Building, Ambient Water Tank	
Sample Type	Water	Sampling Method QMTL-WI-15
Client Name/Project	NP	Sampled By QMTL Representative
Location	NYUAD	Sampling Date/Time 08.08.2020 / 03:18 PM
Sample Container	1x500ml PB	Sampling Point Tank
Sample Receipt Temp	4°C	Sample Onsite Temp 25.7°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 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#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115173/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115173
		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
ATTN : MR. JASMAN PINTO		Date Reported	12 Aug 2020
Sample Description	A4 A5 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 03:33 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	25.4°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#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115175/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115175
		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
		Date Reported	12 Aug 2020
ATTN : MR. JASMAN PINTO			
Sample Description	A6 D2 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 04:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	26.1°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	6
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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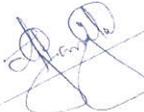
Test method deviation	None
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Test performed by Emp#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115177/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115177	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	C3 B2 Building, Ambient Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 04:15 PM
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#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115166/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115166	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	C2 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 01:47 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	22.1°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	<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#	14 & 74
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Report prepared by Emp#	72
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END OF REPORT

TEST REPORT

Report No: QMTL/R-115167/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115167
		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
ATTN : MR. JASMAN PINTO		Date Reported	12 Aug 2020
Sample Description	C1 B1 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 02:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	22.4°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#	14 & 74
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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.	
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TEST REPORT

Report No: QMTL/R-115169/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115169	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	A1 D1 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 02:29 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	22.9°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	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#	14 & 74
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Report prepared by Emp#	72
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TEST REPORT

Report No: QMTL/R-115171/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115171	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	A2 A3 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 03:05 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°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	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#	14 & 74
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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.	
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TEST REPORT

Report No: QMTL/R-115174/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115174	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	A4 A5 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 03:49 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 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.
---------	--

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
----------	--

Test method deviation	None
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Test performed by Emp#	14 & 74
------------------------	---------

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

The test report shall not be reproduced(except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is solely to ensure that the analysis is conducted to standard test methods in accordance with Industry accepted practice.

END OF REPORT

TEST REPORT

Report No: QMTL/R-115176/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-115176
ATTN : MR. JASMAN PINTO		Date Received	08 Aug 2020
		Date(s) Tested	08 Aug 2020 - 10 Aug 2020
		Date Reported	12 Aug 2020
Sample Description	A6 D2 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 04:08 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	24°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.
---------	--

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
----------	--

Test method deviation	None
-----------------------	------

Test performed by Emp#	14 & 74
------------------------	---------

Report prepared by Emp#	72
-------------------------	----

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

Reported By


ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT

TEST REPORT

Report No: QMTL/R-115178/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-115178	
	Date Received	08 Aug 2020	
	Date(s) Tested	08 Aug 2020 - 10 Aug 2020	
	Date Reported	12 Aug 2020	
Sample Description	C3 B2 Building, Cold Water Tank		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	NYUAD	Sampling Date/Time	08.08.2020 / 04:21 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	4°C	Sample Onsite Temp	23.3°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.
---------	--

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
----------	--

Test method deviation	None
-----------------------	------

Test performed by Emp#	14 & 74
------------------------	---------

Report prepared by Emp#	72
-------------------------	----

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

Reported By



ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT

CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 11-07-2020	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	MAIN WATER TANK			
pH at 25°C	7.0 - 9.2	8.99			
Conductivity at 25°C, µs/cm	1600 Max.	255			
Total Dissolved Solids (TDS)	1000 Max.	165			
Total Hardness, ppm as CaCO ₃	300 Max.	84			
Calcium Hardness, ppm as CaCO ₃	200 Max.	79			
Total Alkalinity	--	65			
Chlorides (Cl ⁻), mg/l	250 Max.	70			
Iron (Fe), mg/l	0.2 Max.	<0.16			
Sulphate (SO ₄), mg/l	250 Max.	<14			
Copper (Cu), mg/l	1 Max.	<0.08			
Aluminum (Al), mg/l	0.2 Max.	<0.09			
Zinc (Zn), mg/l	5 Max.	<0.13			
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	0.46			
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		A1D1	
pH at 25°C	7.0 - 9.2	8.98	
Conductivity at 25°C, µs/cm	--	211	
Total Dissolved Solids (TDS)	1000 Max.	137	
Total Hardness, ppm as CaCO ₃	300 Max.	91	
Calcium Hardness, ppm as CaCO ₃	200 Max.	84	
Total Alkalinity	--	76	
Chloride, ppm as Cl ⁻	250 Max.	64	
Iron, ppm as Fe	0.2 Max.	<0.10	
Sulphate (SO ₄), mg/l	250 Max.	<12	
Copper (Cu), mg/l	1 Max.	<0.05	
Aluminum (Al), mg/l	0.2 Max.	<0.08	
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	<0.07	
Potassium (K)	12 Max.	<5.0	

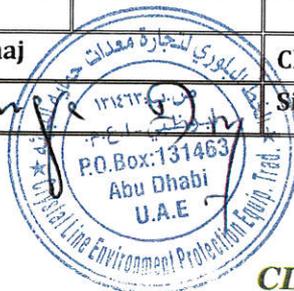
Treatment Residuals

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	

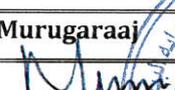
All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

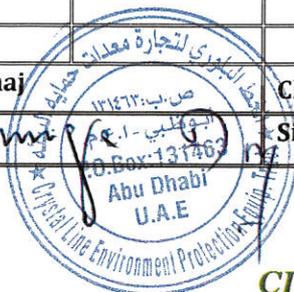
COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Dioxide levels found satisfactory ⇨	No action recommended.

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

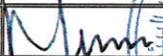


CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO – NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			AMBIENT WATER		
PARAMETER		CONTROL LIMITS		A2A3	
pH at 25°C		7.0 – 9.2		8.22	
Conductivity at 25°C, µs/cm		--		247	
Total Dissolved Solids (TDS)		1000 Max.		160	
Total Hardness, ppm as CaCO ₃		300 Max.		82	
Calcium Hardness, ppm as CaCO ₃		200 Max.		76	
Total Alkalinity		--		68	
Chloride, ppm as Cl ⁻		250 Max.		59	
Iron, ppm as Fe		0.2 Max.		<0.11	
Sulphate (SO ₄), mg/l		250 Max.		<14	
Copper (Cu), mg/l		1 Max.		<0.10	
Aluminum (Al), mg/l		0.2 Max.		<0.05	
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.		<0.06	
Potassium (K)		12 Max.		<5.0	
Treatment Residuals					
Odor		Unobjectionable		ND	
Chlorine Dioxide ClO ₂		0.2 – 0.5		0.22	
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: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			AMBIENT WATER		
PARAMETER		CONTROL LIMITS		A4A5	
pH at 25°C		7.0 - 9.2		8.69	
Conductivity at 25°C, µs/cm		--		258	
Total Dissolved Solids (TDS)		1000 Max.		167	
Total Hardness, ppm as CaCO ₃		300 Max.		81	
Calcium Hardness, ppm as CaCO ₃		200 Max.		75	
Total Alkalinity		--		67	
Chloride, ppm as Cl ⁻		250 Max.		58	
Iron, ppm as Fe		0.2 Max.		<0.14	
Sulphate (SO ₄), mg/l		250 Max.		<16	
Copper (Cu), mg/l		1 Max.		<0.08	
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.		<0.07	
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		0.30	
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		A6D2	
pH at 25°C	7.0 - 9.2	8.71	
Conductivity at 25°C, µs/cm	--	243	
Total Dissolved Solids (TDS)	1000 Max.	157	
Total Hardness, ppm as CaCO ₃	300 Max.	79	
Calcium Hardness, ppm as CaCO ₃	200 Max.	70	
Total Alkalinity	--	66	
Chloride, ppm as Cl ⁻	250 Max.	54	
Iron, ppm as Fe	0.2 Max.	<0.12	
Sulphate (SO ₄), mg/l	250 Max.	<15	
Copper (Cu), mg/l	1 Max.	<0.05	
Aluminum (Al), mg/l	0.2 Max.	<0.14	
Zinc (Zn), mg/l	5 Max.	<0.28	
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		C1B1	
pH at 25°C	7.0 - 9.2	8.55	
Conductivity at 25°C, µs/cm	--	233	
Total Dissolved Solids (TDS)	1000 Max.	151	
Total Hardness, ppm as CaCO ₃	300 Max.	84	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	65	
Chloride, ppm as Cl ⁻	250 Max.	59	
Iron, ppm as Fe	0.2 Max.	<0.18	
Sulphate (SO ₄), mg/l	250 Max.	<14	
Copper (Cu), mg/l	1 Max.	<0.08	
Aluminum (Al), mg/l	0.2 Max.	<0.15	
Zinc (Zn), mg/l	5 Max.	<0.21	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.07	
Fluorides (F)	1.5 Max.	<0.09	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.39	
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).

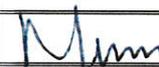
COMMENTS:

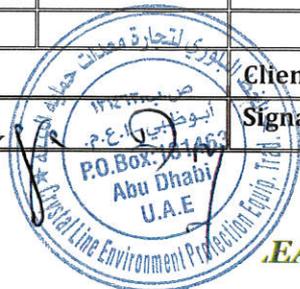
ACTION:

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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	AMBIENT WATER	
		C2	
pH at 25°C	7.0 - 9.2	8.94	
Conductivity at 25°C, µs/cm	--	269	
Total Dissolved Solids (TDS)	1000 Max.	174	
Total Hardness, ppm as CaCO ₃	300 Max.	96	
Calcium Hardness, ppm as CaCO ₃	200 Max.	85	
Total Alkalinity	--	74	
Chloride, ppm as Cl ⁻	250 Max.	79	
Iron, ppm as Fe	0.2 Max.	<0.16	
Sulphate (SO ₄), mg/l	250 Max.	<17	
Copper (Cu), mg/l	1 Max.	<0.08	
Aluminum (Al), mg/l	0.2 Max.	<0.16	
Zinc (Zn), mg/l	5 Max.	<0.39	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.05	
Fluorides (F)	1.5 Max.	<0.07	
Potassium (K)	12 Max.	<5.00	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.24	
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:

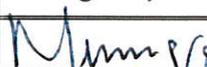
The pH and Conductivity/TDS are found satisfactory. ⇨
 Dissolved iron levels are within control limits ⇨
 Chlorine Dioxide levels found satisfactory ⇨

ACTION:

No action recommended.
 No action recommended.
 No action recommended.

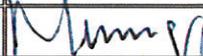
INVENTORY LEVELS

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: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO – NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			AMBIENT WATER		
PARAMETER		CONTROL LIMITS		C3B2	
pH at 25°C		7.0 – 9.2		8.05	
Conductivity at 25°C, µs/cm		--		200	
Total Dissolved Solids (TDS)		1000 Max.		130	
Total Hardness, ppm as CaCO ₃		300 Max.		88	
Calcium Hardness, ppm as CaCO ₃		200 Max.		80	
Total Alkalinity		--		66	
Chloride, ppm as Cl ⁻		250 Max.		77	
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.		<0.20	
Nitrate (NO ₃ ⁻), mg/l		50 Max.		<1.0	
Nitrite (NO ₂ ⁻), mg/l		3.0 Max.		<0.05	
Fluorides (F)		1.5 Max.		<0.05	
Potassium (K)		12 Max.		<5.0	
Treatment Residuals					
Odor		Unobjectionable		ND	
Chlorine Dioxide ClO ₂		0.2 – 0.5		0.27	
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		A1D1	
pH at 25°C	7.0 - 9.2	8.37	
Conductivity at 25°C, µs/cm	--	244	
Total Dissolved Solids (TDS)	1000 Max.	158	
Total Hardness, ppm as CaCO ₃	300 Max.	88	
Calcium Hardness, ppm as CaCO ₃	200 Max.	76	
Total Alkalinity	--	58	
Chloride, ppm as Cl ⁻	250 Max.	69	
Iron, ppm as Fe	0.2 Max.	<0.12	
Sulphate (SO ₄), mg/l	250 Max.	<13	
Copper (Cu), mg/l	1 Max.	<0.08	
Aluminum (Al), mg/l	0.2 Max.	<0.06	
Zinc (Zn), mg/l	5 Max.	<0.04	
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	0.28	
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:

The pH and Conductivity/TDS are found satisfactory. ⇒
Dissolved iron levels are within control limits ⇒
Chlorine Dioxide levels found satisfactory ⇒

ACTION:

No action recommended.
No action recommended.
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

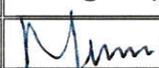
POTABLE WATER ANALYSIS

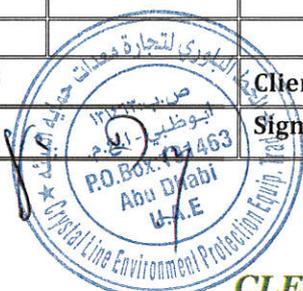
PARAMETER	CONTROL LIMITS	COLD WATER	
		A2A3	
pH at 25°C	7.0 - 9.2	8.24	
Conductivity at 25°C, µs/cm	--	236	
Total Dissolved Solids (TDS)	1000 Max.	153	
Total Hardness, ppm as CaCO ₃	300 Max.	82	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	55	
Chloride, ppm as Cl ⁻	250 Max.	63	
Iron, ppm as Fe	0.2 Max.	<0.16	
Sulphate (SO ₄), mg/l	250 Max.	<14	
Copper (Cu), mg/l	1 Max.	<0.06	
Aluminum (Al), mg/l	0.2 Max.	<0.05	
Zinc (Zn), mg/l	5 Max	<0.11	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max	<0.03	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.25	
Free Residual Chlorine as Cl	0.2 - 0.5	--	
Turbidity in NTU	4 Max	<1.0	

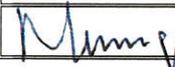
All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

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.

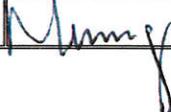
INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Bello Zon Acid	15 Cans		--	--
Bello Zon Chlorite	15 Cans		--	--
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO - NEW YORK UNIVERSITY, ABU DHABI		To: Mr. Ratheesh Muttath Operations Engineer		DATE: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			COLD WATER		
PARAMETER		CONTROL LIMITS		A4A5	
pH at 25°C		7.0 - 9.2		7.88	
Conductivity at 25°C, µs/cm		--		206	
Total Dissolved Solids (TDS)		1000 Max.		133	
Total Hardness, ppm as CaCO ₃		300 Max.		78	
Calcium Hardness, ppm as CaCO ₃		200 Max.		71	
Total Alkalinity		--		62	
Chloride, ppm as Cl ⁻		250 Max.		67	
Iron, ppm as Fe		0.2 Max.		<0.17	
Sulphate (SO ₄), mg/l		250 Max.		<15	
Copper (Cu), mg/l		1 Max.		<0.07	
Aluminum (Al), mg/l		0.2 Max.		<0.09	
Zinc (Zn), mg/l		5 Max.		<0.10	
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.		<5.00	
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	
<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: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			COLD WATER		
PARAMETER		CONTROL LIMITS		A6D2	
pH at 25°C		7.0 - 9.2		8.78	
Conductivity at 25°C, µs/cm		--		248	
Total Dissolved Solids (TDS)		1000 Max.		161	
Total Hardness, ppm as CaCO ₃		300 Max.		86	
Calcium Hardness, ppm as CaCO ₃		200 Max.		73	
Total Alkalinity		--		57	
Chloride, ppm as Cl ⁻		250 Max.		65	
Iron, ppm as Fe		0.2 Max.		<0.17	
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.		<0.15	
Nitrate (NO ₃ ⁻), mg/l		50 Max.		<1.0	
Nitrite (NO ₂ ⁻), mg/l		3.0 Max.		<0.06	
Fluorides (F)		1.5 Max.		<0.04	
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	
<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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		C1B1	
pH at 25°C	7.0 - 9.2	8.22	
Conductivity at 25°C, µs/cm	--	227	
Total Dissolved Solids (TDS)	1000 Max.	147	
Total Hardness, ppm as CaCO ₃	300 Max.	79	
Calcium Hardness, ppm as CaCO ₃	200 Max.	72	
Total Alkalinity	--	59	
Chloride, ppm as Cl ⁻	250 Max.	66	
Iron, ppm as Fe	0.2 Max.	<0.10	
Sulphate (SO ₄), mg/l	250 Max.	<18	
Copper (Cu), mg/l	1 Max.	<0.11	
Aluminum (Al), mg/l	0.2 Max.	<0.13	
Zinc (Zn), mg/l	5 Max.	<0.28	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.09	
Fluorides (F)	1.5 Max.	<0.05	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals			
Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.30	
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: 08-08-2020	
CUSTOMER ID: 3003		Copy: SERCO - NYUAD		LAST VISIT: 11-07-2020	
POTABLE WATER ANALYSIS					
			COLD WATER		
PARAMETER		CONTROL LIMITS		C2	
pH at 25°C		7.0 - 9.2		8.86	
Conductivity at 25°C, µs/cm		--		250	
Total Dissolved Solids (TDS)		1000 Max.		162	
Total Hardness, ppm as CaCO ₃		300 Max.		75	
Calcium Hardness, ppm as CaCO ₃		200 Max.		69	
Total Alkalinity		--		52	
Chloride, ppm as Cl ⁻		250 Max.		60	
Iron, ppm as Fe		0.2 Max.		<0.16	
Sulphate (SO ₄), mg/l		250 Max.		<11	
Copper (Cu), mg/l		1 Max.		<0.08	
Aluminum (Al), mg/l		0.2 Max.		<0.13	
Zinc (Zn), mg/l		5 Max.		<0.18	
Nitrate (NO ₃ ⁻), mg/l		50 Max.		<1.0	
Nitrite (NO ₂ ⁻), mg/l		3.0 Max.		<0.05	
Fluorides (F)		1.5 Max.		<0.07	
Potassium (K)		12 Max.		<5.00	
Treatment Residuals					
Odor		Unobjectionable		ND	
Chlorine Dioxide ClO ₂		0.2 - 0.5		0.22	
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: 08-08-2020
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 11-07-2020

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	COLD WATER	
		C3B2	
pH at 25°C	7.0 - 9.2	8.39	
Conductivity at 25°C, µs/cm	--	255	
Total Dissolved Solids (TDS)	1000 Max.	165	
Total Hardness, ppm as CaCO ₃	300 Max.	89	
Calcium Hardness, ppm as CaCO ₃	200 Max.	78	
Total Alkalinity	--	65	
Chloride, ppm as Cl ⁻	250 Max.	70	
Iron, ppm as Fe	0.2 Max.	<0.13	
Sulphate (SO ₄), mg/l	250 Max.	<11	
Copper (Cu), mg/l	1 Max.	<0.08	
Aluminum (Al), mg/l	0.2 Max.	<0.16	
Zinc (Zn), mg/l	5 Max	<0.20	
Nitrate (NO ₃ ⁻), mg/l	50 Max.	<1.0	
Nitrite (NO ₂ ⁻), mg/l	3.0 Max.	<0.08	
Fluorides (F)	1.5 Max	<0.05	
Potassium (K)	12 Max.	<5.0	

Treatment Residuals

Odor	Unobjectionable	ND	
Chlorine Dioxide ClO ₂	0.2 - 0.5	0.38	
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).

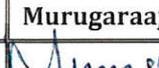
COMMENTS:

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:		

