



**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33319



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32855

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3657	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Podium Level 3 Pump Room Water Tank 1
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 18

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/mi	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested results of the sample are found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33334



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32870

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 1
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 33

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested results of the sample are found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33335



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32871

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 2
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 34

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested results of the sample are found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33336



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32872

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 3
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 35

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested results of the sample are found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33337



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32873

Sampling Date	: 23/01/2021	Report Date.	: 26/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 25/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 22	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Waste Room
Sampling Point	: Tap Water	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 36

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested results of the sample are found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33357



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32893

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3657	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Podium Level 3 Pump Room Water Tank 1
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 18

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33372



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32908

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 1
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 33

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33373



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32909

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 2
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 34

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33374



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32910

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Water Tank 3
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 35

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33375



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32911

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 22	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower B Level 27 Waste Room
Sampling Point	: Tap Water	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 36

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limits.**

Analyst	Reviewed By	Method Variation
SN	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**CONSULTING TEST REPORT**

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	Rihan Heights		
Sample Location	Tower B Level-P3 Pump Room	Visit Date:	23-01-2021
Sample Point	Water Tank	Sampled By	Crystalline Rep

**PORTABLE WATER ANALYSIS**

	Parameter	Control Limits	Results
1	pH at 25°C	7.0 - 9.2	8.41
2	Conductivity at 25°C, µs/cm	----	274
3	Total Dissolved Solids (TDS)	Max 1000	178
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	61
7	Total Hardness at 25°C	300	73
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	52
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

**COMMENTS AND RECOMMENDATIONS**

1	PH, Conductivity & TDS levels are normal.
2	Calcium hardness and Total Hardness levels are satisfactory.
3	All inorganic parameters are within the control limit.

Reported By

Murugaraa  
Service Engineer





# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	Rihan Heights		
Sample Location	Tower B, Level - 27	Visit Date:	23-01-2021
Sample Point	Water Tank # 01	Sampled By	Crystalline Rep

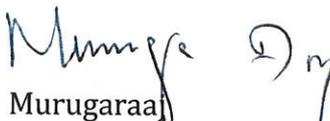
### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	Results
1	pH at 25°C	7.0 - 9.2	8.17
2	Conductivity at 25°C, µs/cm	----	234
3	Total Dissolved Solids (TDS)	Max 1000	152
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	57
7	Total Hardness at 25°C	300	65
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal.
2	Calcium hardness and Total Hardness levels are satisfactory.
3	All inorganic parameters are within the control limit.

Reported By

  
Murugaraaj  
Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	Rihan Heights		
Sample Location	Tower B, Level - 27	Visit Date:	23-01-2021
Sample Point	Water Tank # 02	Sampled By	Crystalline Rep

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	Results
1	pH at 25°C	7.0 - 9.2	8.27
2	Conductivity at 25°C, µs/cm	----	261
3	Total Dissolved Solids (TDS)	Max 1000	169
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	54
7	Total Hardness at 25°C	300	61
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	53
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal.
2	Calcium hardness and Total Hardness levels are satisfactory.
3	All inorganic parameters are within the control limit.

Reported By

  
Murugaraaj  
Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	Rihan Heights		
Sample Location	Tower B, Level - 27	Visit Date:	23-01-2021
Sample Point	Water Tank # 03	Sampled By	Crystalline Rep

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	Results
1	pH at 25°C	7.0 - 9.2	8.63
2	Conductivity at 25°C, $\mu$ s/cm	----	271
3	Total Dissolved Solids (TDS)	Max 1000	176
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	64
7	Total Hardness at 25°C	300	69
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	52
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal.
2	Calcium hardness and Total Hardness levels are satisfactory.
3	All inorganic parameters are within the control limit.

Reported By

  
Murugaraaj  
Service Engineer





# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	Rihan Heights		
Sample Location	Tower B, Level - 27	Visit Date:	23-01-2021
Sample Point	Waste Room - Tap Water	Sampled By	Crystalline Rep

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	Results
1	pH at 25°C	7.0 - 9.2	8.36
2	Conductivity at 25°C, $\mu$ s/cm	----	241
3	Total Dissolved Solids (TDS)	Max 1000	156
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	54
7	Total Hardness at 25°C	300	57
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	36
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal.
2	Calcium hardness and Total Hardness levels are satisfactory.
3	All inorganic parameters are within the control limit.

Reported By



Murugaraaj  
Service Engineer



CLEANER WATER GREENER TOMORROW