



**TEST REPORT**

Sample Number : SN-S-019/2010-00061  
Report Number : AISL-RP-20-3134-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Project Consultant	: Not specified	
Sample Description	: Water	
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 17/10/2020	Test Conducted By : SMK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Podium Level 3, Pump Room Water tank # 01	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 21.0
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	<1	10 (max.)
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None,Report No,AISL-RP-20-3134 is superseded by Report No.AISL-RP-20-3134-Rev-1.  
Test Method Deviation : None  
Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

For Microbiology Parameter Results "<" symbol is considered as "Not Detected"

(-) Denotes no limit available

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Approved by **Arun Bahulayan**

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**TEST REPORT**

Sample Number : SN-S-019/2010-00061  
Report Number : AISL-RP-20-3135-Rev-1  
Report Date : 24/10/2020



Customer	Name : Crystalline Cleaning & Environmental Services
	Address and Location : Abu Dhabi, UAE
Project No	: Not specified
Project Name	: Not specified
Project Location	: Rihan Heights
Project Consultant	: Not specified
Sample Description	: Water
Sampling Method	: APHA 9060 A,BS 7592
Sample Delivered By	: AISL Rep
Date of Analysis	: 14/10/2020 ~ 24/10/2020
Brand	: Not specified
Origin	: Tower E, Podium Level 3, Pump Room Water tank # 01
Net wt./volume per unit	: 1L + 500ML
No. of Unit	: 01
Packaging Type	: Sterile Bottle
Physical Observations	: Satisfactory
	Sampled By : AISL Rep
	Client Ref.No : Not specified
	Test Conducted By : CPK
	Sampling Date/Time : 14/10/2020 - 10:04 am
	Receiving Date/Time : 14/10/2020 - 01:45 pm
	Production Date : Not specified
	Expiry Date : Not specified
	Condition of Sample °C : 21.0

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella	ISO 11731 - 2017	CFU/l		Zero
Legionella Spp			Absent	
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7: Medium C, GVPC.

Report No, AISL-RP-20-3135 is superseded by Report No. AISL-RP-20-3135-Rev-1.

Test Method Deviation : None

Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00062  
Report Number : AISL-RP-20-3132-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Project Consultant	: Not specified	
Sample Description	: Water	
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 17/10/2020	Test Conducted By : SMK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 01	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 20.9
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	4	10 (max.)
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None,Report No,AISL-RP-20-3132 is superseded by Report No.AISL-RP-20-3132-Rev-1.  
Test Method Deviation : None  
Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00062  
Report Number : AISL-RP-20-3133-Rev-1  
Report Date : 02/11/2020



Customer	Name : Crystalline Cleaning & Environmental Services		
	Address and Location : Abu Dhabi, UAE		
Project No	: Not specified		
Project Name	: Not specified		
Project Location	: Rihan Heights		
Project Consultant	: Not specified		
Sample Description	: Water		
Sampling Method	: APHA 9060 A,BS 7592	Sampled By	: AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No	: Not specified
Date of Analysis	: 14/10/2020 ~ 24/10/2020	Test Conducted By	: CPK
Brand	: Not specified	Sampling Date/Time	: 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 01	Receiving Date/Time	: 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date	: Not specified
No. of Unit	: 01	Expiry Date	: Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C	: 20.9
Physical Observations	: Satisfactory		

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella	ISO 11731 - 2017	CFU/l		Zero
Legionella Spp			Absent	
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7: Medium C, GVPC.  
Report No, AISL-RP-20-3133 is superseded by Report No. AISL-RP-20-3133-Rev-1.

Test Method Deviation : None

Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00063  
Report Number : AISL-RP-20-3130-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Project Consultant	: Not specified	
Sample Description	: Water	
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 17/10/2020	Test Conducted By : SMK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 02	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 20.6
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	5	10 (max.)
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None,Report No,AISL-RP-20-3130 is superseded by Report No.AISL-RP-20-3130-Rev-1.  
Test Method Deviation : None  
Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00063  
Report Number : AISL-RP-20-3131-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Project Consultant	: Not specified	
Sample Description	: Water	
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 24/10/2020	Test Conducted By : CPK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 02	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 20.6
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella	ISO 11731 - 2017	CFU/l		Zero
Legionella Spp			Absent	
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7: Medium C, GVPC.  
Report No, AISL-RP-20-3131 is superseded by Report No. AISL-RP-20-3131-Rev-1.

Test Method Deviation : None

Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00064  
Report Number : AISL-RP-20-3128-Rev-1  
Report Date : 19/10/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No		: Not specified
Project Name		: Not specified
Project Location		: Rihan Heights
Project Consultant		: Not specified
Sample Description		: Water
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 17/10/2020	Test Conducted By : SMK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 03	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 23.6
Physical Observations		: Satisfactory

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	<1	10 (max.)
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None,Report No,AISL-RP-20-3128 is superseded by Report No.AISL-RP-20-3128-Rev-1.  
Test Method Deviation : None  
Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00064  
Report Number : AISL-RP-20-3129-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Project Consultant	: Not specified	
Sample Description	: Water	
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 24/10/2020	Test Conducted By : CPK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 21, Water Tank # 03	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 23.6
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella	ISO 11731 - 2017	CFU/l		Zero
Legionella Spp			Absent	
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7; Medium C, GVPC.  
Report No, AISL-RP-20-3129 is superseded by Report No. AISL-RP-20-3129-Rev-1.

Test Method Deviation : None

Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00060  
Report Number : AISL-RP-20-3136-Rev-1  
Report Date : 02/11/2020



Customer	Name : Crystalline Cleaning & Environmental Services		
	Address and Location : Abu Dhabi, UAE		
Project No	: Not specified		
Project Name	: Not specified		
Project Location	: Rihan Heights		
Project Consultant	: Not specified		
Sample Description	: Water		
Sampling Method	: APHA 9060 A,BS 7592	Sampled By	: AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No	: Not specified
Date of Analysis	: 14/10/2020 ~ 17/10/2020	Test Conducted By	: SMK
Brand	: Not specified	Sampling Date/Time	: 14/10/2020 - 10:04 am
Origin	: Tower E, Level 01, Waste Room	Receiving Date/Time	: 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date	: Not specified
No. of Unit	: 01	Expiry Date	: Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C	: 22.5
Physical Observations	: Satisfactory		

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	5	10 (max.)
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None,Report No,AISL-RP-20-3136 is superseded by Report No.AISL-RP-20-3136-Rev-1.  
Test Method Deviation : None  
Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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**TEST REPORT**

Sample Number : SN-S-019/2010-00060  
Report Number : AISL-RP-20-3137-Rev-1  
Report Date : 02/11/2020



Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No		: Not specified
Project Name		: Not specified
Project Location		: Rihan Heights
Project Consultant		: Not specified
Sample Description		: Water
Sampling Method	: APHA 9060 A,BS 7592	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/10/2020 ~ 24/10/2020	Test Conducted By : CPK
Brand	: Not specified	Sampling Date/Time : 14/10/2020 - 10:04 am
Origin	: Tower E, Level 01, Waste Room	Receiving Date/Time : 14/10/2020 - 01:45 pm
Net wt./volume per unit	: 1L + 500ML	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 22.5
Physical Observations		: Satisfactory

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella	ISO 11731 - 2017	CFU/l		Zero
Legionella Spp			Absent	
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7; Medium C, GVPC.  
Report No, AISL-RP-20-3137 is superseded by Report No. AISL-RP-20-3137-Rev-1.

Test Method Deviation : None

Reference Specification : Regulation & Supervision Bureau, The water quality regulation Fourth Edition, January 2014.

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# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	14-10-2020
Source of Sample	WATER TANK	Sample Point	TOWER E LEVEL- P3 PUMP ROOM

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	WATER TANK#01
1	pH at 25°C	7.0 - 9.2	7.99
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	210
3	Total Dissolved Solids (TDS)	Max 1000	136
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	67
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	42
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	Visit Date:	14-10-2020
Source of Sample	WATER TANK	Sample Point	TOWER E LEVEL-21

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	WATER TANK#01
1	pH at 25°C	7.0 - 9.2	8.40
2	Conductivity at 25°C, µs/cm	----	209
3	Total Dissolved Solids (TDS)	Max 1000	135
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	62
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	46
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*

Murugaraa  
Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	14-10-2020
Source of Sample	WATER TANK	Sample Point	TOWER E LEVEL-21

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	WATER TANK#02
1	pH at 25°C	7.0 - 9.2	7.83
2	Conductivity at 25°C, µs/cm	----	203
3	Total Dissolved Solids (TDS)	Max 1000	130
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	59
7	Total Hardness at 25°C	300	68
<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



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	14-10-2020
Source of Sample	WATER TANK	Sample Point	TOWER E LEVEL-21

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	WATER TANK#03
1	pH at 25°C	7.0 - 9.2	8.13
2	Conductivity at 25°C, µs/cm	----	230
3	Total Dissolved Solids (TDS)	Max 1000	149
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	71
7	Total Hardness at 25°C	300	79
<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

  
Murugaraa  
Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	14-10-2020
Source of Sample	WATER TAP	Sample Point	TOWER E LEVEL-01

### PORTABLE WATER ANALYSIS

	Parameter	Control Limits	WASTE ROOM
1	pH at 25°C	7.0 - 9.2	7.55
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	209
3	Total Dissolved Solids (TDS)	Max 1000	135
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	68
7	Total Hardness at 25°C	300	78
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	44
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