



Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2004-7002



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6842
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 17.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - A
Sampling Point	: P2, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	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
Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-6997

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6837
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 15.2	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - A
Sampling Point	: P3, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

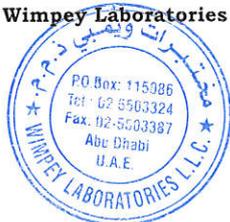
Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-6999

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6839
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 19.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - B
Sampling Point	: P2, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	30	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-6994

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6834
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 14.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - B
Sampling Point	: P3, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department

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

Analyst	Reviewed By	Method Variation
HS	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
Senior Microbiologist



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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2004-6998



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6838
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 18.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - C
Sampling Point	: P2, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

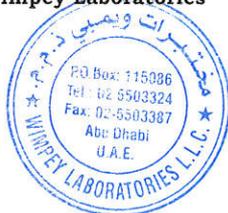
Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-6993

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6829
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 16.3	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - C
Sampling Point	: P3, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-7000

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6840
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 16.3	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - D
Sampling Point	: P2, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

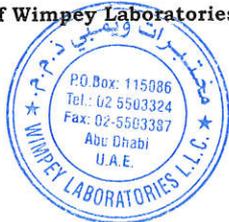
Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-6995

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6835
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 18.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - D
Sampling Point	: P3, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/mi	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2004-7001

Crystalline Environmental Services



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6841
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 15.2	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - E
Sampling Point	: P2, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected= \leq 1CFU

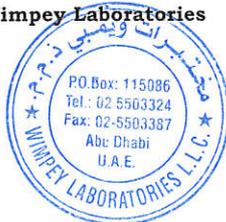
Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2004-6996



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6836
Sampling Date/time	: 12/4/2020 , 12:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi)	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0373	Sampling Method	: APHA 9060 A&B
Temperature °C	: 19.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chilled Water Tower - E
Sampling Point	: P3, (Chilled Water System)	Preservation	: 4-8°C
Sample Description	: Chilled Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower A P3

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.07
2	Conductivity at 25°C, µs/cm	Max 3500	1857
3	TDS, ppm	--	1207
4	Iron, ppm as Fe	0 - 2.0	0.15
5	Nitrite, ppm	> 800	940
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI

Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower A ROOF TOP

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	9.96
2	Conductivity at 25°C, µs/cm	Max 3500	1852
3	TDS, ppm	--	1203
4	Iron, ppm as Fe	0 - 2.0	0.19
5	Nitrite, ppm	> 800	890
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower B P3

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.22
2	Conductivity at 25°C, µs/cm	Max 3500	1493
3	TDS, ppm	--	970
4	Iron, ppm as Fe	0 - 2.0	0.12
5	Nitrite, ppm	> 800	820
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit – No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI

Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower B ROOF TOP

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.11
2	Conductivity at 25°C, µs/cm	Max 3500	1491
3	TDS, ppm	--	969
4	Iron, ppm as Fe	0 - 2.0	0.09
5	Nitrite, ppm	> 800	960
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer.



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower C P3

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.15
2	Conductivity at 25°C, µs/cm	Max 3500	1538
3	TDS, ppm	--	999
4	Iron, ppm as Fe	0 - 2.0	0.11
5	Nitrite, ppm	> 800	810
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit – No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower C ROOF TOP

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.43
2	Conductivity at 25°C, µs/cm	Max 3500	1891
3	TDS, ppm	--	1229
4	Iron, ppm as Fe	0 - 2.0	0.17
5	Nitrite, ppm	> 800	980
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower D P3

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.34
2	Conductivity at 25°C, µs/cm	Max 3500	1442
3	TDS, ppm	--	937
4	Iron, ppm as Fe	0 - 2.0	0.16
5	Nitrite, ppm	> 800	920
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower D ROOF TOP

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	9.81
2	Conductivity at 25°C, µs/cm	Max 3500	1897
3	TDS, ppm	--	1233
4	Iron, ppm as Fe	0 - 2.0	0.15
5	Nitrite, ppm	> 800	840
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI			
Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower E P3

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.19
2	Conductivity at 25°C, µs/cm	Max 3500	1643
3	TDS, ppm	--	1067
4	Iron, ppm as Fe	0 - 2.0	0.12
5	Nitrite, ppm	> 800	910
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit - No action Recommended.

Reported By,
P. Murugaraj
Murugaraj
Service Engineer



CHILLED - WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST, ABUDHABI

Site Name:	RIHAN HEIGHTS	Visit Date:	18-04-2020
Source of Sample	Chilled Water	Sample Point	Tower E ROOF TOP

TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	9.0 - 10.5	10.34
2	Conductivity at 25°C, µs/cm	Max 3500	1904
3	TDS, ppm	--	1237
4	Iron, ppm as Fe	0 - 2.0	0.19
5	Nitrite, ppm	> 800	990
6	Dipslide	<10 ³	ND

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

COMMENTS AND RECOMMENDATIONS

- All parameters are within control limit – No action Recommended.

Reported By,

P. Murugaraj
Murugaraj
Service Engineer

