



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION:ADGM BUILDING TOWER - 01	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	9.81
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2077
TDS, ppm	--	1350
Iron, ppm as Fe	0 - 2.0	0.06
Treatment Residuals		
Nitrite, ppm	> 800	690
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are low. \Rightarrow	Please maintained control limits above 800PPM.

Reported By


Murugaraaj
Service Engineer





CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 01	SAMPLE POINT: 30 TH FLOOR CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.03
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1724
TDS, ppm	--	1120
Iron, ppm as Fe	0 - 2.0	0.03
Treatment Residuals		
Nitrite, ppm	> 800	750
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are low. \Rightarrow	Please maintained control limits above 800PPM.

Reported By

P. Murugaraaj

Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 02	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.24
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1954
TDS, ppm	--	1270
Iron, ppm as Fe	0 - 2.0	0.08
Treatment Residuals		
Nitrite, ppm	> 800	760
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are low. \Rightarrow	Please maintained control limits above 800PPM.

Reported By


Murugaraaj
Service Engineer





CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 02	SAMPLE POINT: 30 TH FLOOR CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.11
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2098
TDS, ppm	--	1363
Iron, ppm as Fe	0 - 2.0	0.16
Treatment Residuals		
Nitrite, ppm	> 800	840
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By


Murugaraaj
Service Engineer





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CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION:ADGM BUILDING TOWER - 03	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	9.66
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2214
TDS, ppm	--	1439
Iron, ppm as Fe	0 - 2.0	0.13
Treatment Residuals		
Nitrite, ppm	> 800	880
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By


Murugaraaj
Service Engineer





CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 03	SAMPLE POINT: 36 TH FLOOR CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.31
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2105
TDS, ppm	--	1368
Iron, ppm as Fe	0 - 2.0	0.07
Treatment Residuals		
Nitrite, ppm	> 800	810
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 04	SAMPLE POINT: R1-CHILLER ROOM

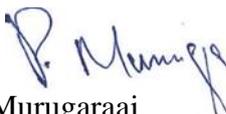
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.29
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1260
TDS, ppm	--	819
Iron, ppm as Fe	0 - 2.0	0.08
Treatment Residuals		
Nitrite, ppm	> 800	730
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are low. \Rightarrow	Please maintained control limits above 800PPM.

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Service Engineer





CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 11-08-2020
SITE LOCATION: ADGM BUILDING TOWER - 04	SAMPLE POINT: 36 TH FLOOR CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.12
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	3055
TDS, ppm	--	1985
Iron, ppm as Fe	0 - 2.0	2.21
Treatment Residuals		
Nitrite, ppm	> 800	>1500
Dipslide	<10 ³	ND

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

COMMENTS:	ACTION:
The pH level is satisfactory \Rightarrow	No action recommended.
The Conductivity levels are satisfactory \Rightarrow	No action recommended.
Dissolved iron levels are within the control limits. \Rightarrow	No action recommended.
Corrosion Inhibitor levels are satisfactory \Rightarrow	No action recommended.

Reported By

Murugaraaj
Service Engineer

