



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
SITE LOCATION: ADGM BUILDING TOWER - 01	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.31
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1611
TDS, ppm	--	1047
Iron, ppm as Fe	0 - 2.0	0.30
Treatment Residuals		
Nitrite, ppm	> 800	820
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



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CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
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	1782
TDS, ppm	--	1158
Iron, ppm as Fe	0 - 2.0	0.14
Treatment Residuals		
Nitrite, ppm	> 800	830
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.
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CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
SITE LOCATION: ADGM BUILDING TOWER - 02	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	9.95
Conductivity, $\mu\text{s/cm}$	Max 3500	1827
TDS, ppm	--	1187
Iron, ppm as Fe	0 - 2.0	0.27
Treatment Residuals		
Nitrite, ppm	> 800	860
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.

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CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
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	9.63
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1824
TDS, ppm	--	1185
Iron, ppm as Fe	0 - 2.0	0.11
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.

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CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
SITE LOCATION: ADGM BUILDING TOWER - 03	SAMPLE POINT: R1-CHILLER ROOM

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.11
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1818
TDS, ppm	--	1181
Iron, ppm as Fe	0 - 2.0	0.31
Treatment Residuals		
Nitrite, ppm	> 800	910
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.

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CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
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	10.03
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1715
TDS, ppm	--	1114
Iron, ppm as Fe	0 - 2.0	0.22
Treatment Residuals		
Nitrite, ppm	> 800	830
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.

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CONSULTING TEST REPORT

CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
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	1890
TDS, ppm	--	1228
Iron, ppm as Fe	0 - 2.0	0.28
Treatment Residuals		
Nitrite, ppm	> 800	990
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.

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CUSTOMER: SERCO MIDDLE EAST	DATE: 08-09-2020
SITE LOCATION: ADGM BUILDING TOWER - 04	SAMPLE POINT: 36 TH FLOOR CHILLER ROOM

CHILLED WATER ANALYSIS

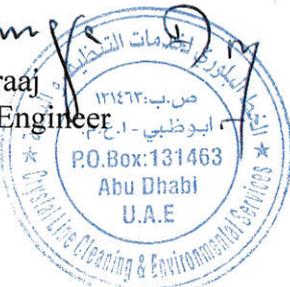
PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	9.86
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1852
TDS, ppm	--	1203
Iron, ppm as Fe	0 - 2.0	0.17
Treatment Residuals		
Nitrite, ppm	> 800	860
Dipslide	<10 ³	ND

***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.
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