



CRYSTALLINE ENVIRONMENTAL SERVICES

CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 24-12-2020
SITE LOCATION: AL RAYYANA, KHALIFA CITY	SAMPLE POINT: ETS-1

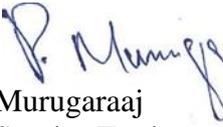
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
Ph	9.0 - 10.5	10.21
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	1855
TDS, ppm	--	1205
Iron, ppm as Fe	0 - 2.0	<0.10
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.

Reported By


Murugaraaj
Service Engineer





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CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 24-12-2020
SITE LOCATION: AL RAYYANA, KHALIFA CITY	SAMPLE POINT: ETS-2

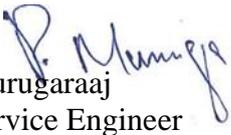
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.39
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	2750
TDS, ppm	--	1787
Iron, ppm as Fe	0 - 2.0	<0.10
Treatment Residuals		
Nitrite, ppm	> 800	1320
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 ⇒	No action recommended.
The Conductivity levels are satisfactory ⇒	No action recommended.
Dissolved iron levels are within control limit ⇒	No action recommended.
Corrosion Inhibitor levels are satisfactory ⇒	No action recommended.

Reported By


Murugaraaj
Service Engineer





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CONSULTING TEST REPORT

CUSTOMER: TAFAWUQ FACILITY MANAGEMENT	DATE: 24-12-2020
SITE LOCATION: AL RAYYANA, KHALIFA CITY	SAMPLE POINT: ETS-3

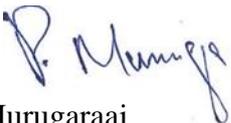
CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	9.99
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	3660
TDS, ppm	--	2379
Iron, ppm as Fe	0 - 2.0	0.05
Treatment Residuals		
Nitrite, ppm	> 800	1590
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 level is slightly high. \Rightarrow	Please maintained desired control limits.
Dissolved iron levels are satisfactory \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: TAFAWUQ FACILITY MANAGEMENT	DATE: 24-12-2020
SITE LOCATION: AL RAYYANA, KHALIFA CITY	SAMPLE POINT: ETS-4

CHILLED WATER ANALYSIS

PARAMETER	CONTROL LIMITS	RESULTS
pH	9.0 - 10.5	10.59
Conductivity, $\mu\text{s}/\text{cm}$	Max 3500	4310
TDS, ppm	--	2801
Iron, ppm as Fe	0 - 2.0	0.17
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 slightly high. ⇒	Please maintained desired control limits.
The Conductivity levels are high. ⇒	Please maintained desired control limits.
Dissolved iron levels are satisfactory ⇒	No action recommended.
Corrosion Inhibitor levels are high. ⇒	Please maintained desired control limits.

Reported By


Murugaraaj
Service Engineer

