



CONSULTING SERVICE REPORT

CUSTOMER: SERCO - ACCOMMODATION, ABU DHABI	To: Mr. ZIDHIKKUL AKBAR ACCOMMODATION SUPERVISOR	DATE: 07.10.2019
CUSTOMER ID: 4004	Copy: SERCO	LOCATION: WATER TANK

POTABLE WATER ANALYSIS

PARAMETER	CONTROL LIMITS	WATER TANK			
pH at 25°C	7.0 - 9.2	7.95			
Conductivity at 25°C, µs/cm	1600 Max.	196			
Total Dissolved Solids at 180°C	1000 Max.	127			
Total Hardness, ppm as CaCO ₃	300 Max.	60			
Calcium Hardness, ppm as CaCO ₃	200 Max.	53			
Chloride, ppm as Cl ⁻	250 Max	31			
Magnesium (Mg), mg/l	---	< 1			
Iron, ppm as Fe	0.3 Max.	<0.01			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Nitrates (NO ₃ -N)	50 Max.	< 1			
Fluorides (F)	1.5 Max	<0.01			
Sodium (Na)	200 Max.	<5.0			
Potassium (K)	--	0.21			

Treatment Residuals

Color, mg/l	Max 15	Clear			
Odor	Unobjectionab	ND			
Free Residual Chlorine as Cl	0.2 - 0.5	0.14			
Turbidity in NTU	5 Max	>1.0			

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

COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.
Dissolved iron levels are within control limits ⇨	No action recommended.
Chlorine Levels are low ⇨	Please maintain the control limit

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Crystal SHC			--	
Service Engineer:	MURUGA RAAJ		Client:	Mr. ZIDHIKKUL AKBAR
Signature:			Signature:	



TEST REPORT

REPORT NO:-QMTL/R-75167

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-75167
Reference: SERC STAFF ACCOMMODATION	Sampled By: Client Representative	Date Received: 07.10.2019
Sample Description : Main RCC Tank Sample Onsite Temp: 32°C Sample Receipt Temp: 7°C	Source: Tank	Date(s) Tested: 07-17.10.2019
	Sample Container: 1x1 L PB	Date Reported: 20.10.2019
	Sample Appearance: Clear	Date of Sampling: NA
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER

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END OF REPORT

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QMTL-FRM-58 Revision : 02; Revision Date : 03.01.2016

TEST REPORT

REPORT NO:-QMTL/R-75166

CLIENT: CRYSTALLINE ENVIRONMENTAL SERVICES

P.O.Box.131463, Abu Dhabi, U.A.E

Ph:02-6508930/0557167017

ATTN:MR. JASMAN PINTO

Product: Water	Sampling Method: NA	Sample ID: QMTL/S-75166
Reference: SERCO STAFF ACCOMMODATION	Sampled By: Client Representative	Date Received: 07.10.2019
Sample Description : Main RCC Tank Sample Onsite Temp: 32°C Sample Receipt Temp: 7°C	Source: Tank	Date(s) Tested: 07-09.10.2019
	Sample Container: 1X 500 ml PB	Date Reported: 12.10.2019
	Sample Appearance: Clear	Date of Sampling: 07.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 29	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

REMARKS: The sample meets with RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER



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