



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: SV1 - GF Male Wash Room, Wash Basin Tap

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.23			
Conductivity at 25°C, µs/cm	1600 Max.	236			
Total Dissolved Solids (TDS)	1000 Max.	153			
Total Hardness, ppm as CaCO ₃	300 Max.	60			
Calcium Hardness, ppm as CaCO ₃	200 Max.	53			
Chlorides (Cl ⁻), mg/l	250 Max.	36			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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.
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INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: SV2 - Male Wash Room

WATER ANALYSIS

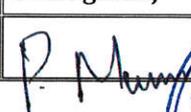
PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.23			
Conductivity at 25°C, µs/cm	1600 Max.	218			
Total Dissolved Solids (TDS)	1000 Max.	141			
Total Hardness, ppm as CaCO ₃	300 Max.	62			
Calcium Hardness, ppm as CaCO ₃	200 Max.	53			
Chlorides (Cl ⁻), mg/l	250 Max.	35			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Male Side, MDH Kitchen Wash Basin Tap

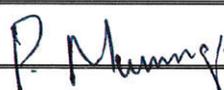
WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.26			
Conductivity at 25°C, µs/cm	1600 Max.	228			
Total Dissolved Solids (TDS)	1000 Max.	148			
Total Hardness, ppm as CaCO ₃	300 Max.	61			
Calcium Hardness, ppm as CaCO ₃	200 Max.	52			
Chlorides (Cl ⁻), mg/l	250 Max.	30			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Male Side MDH, Male Wash Room Tap

WATER ANALYSIS

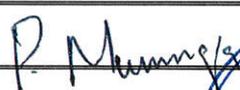
PARAMETER	CONTROL LIMITS	POTBALE WATER			
pH at 25°C	7.0 - 9.2	8.31			
Conductivity at 25°C, µs/cm	1600 Max.	230			
Total Dissolved Solids (TDS)	1000 Max.	149			
Total Hardness, ppm as CaCO ₃	300 Max.	59			
Calcium Hardness, ppm as CaCO ₃	200 Max.	55			
Chlorides (Cl ⁻), mg/l	250 Max.	37			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	1.3			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:	ACTION:
The pH levels are high ⇨	Please maintain the desired control limit

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Female Side Pantry Sink FF2.0.062

WATER ANALYSIS

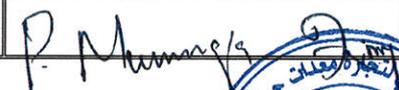
PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 – 9.2	8.32			
Conductivity at 25°C, µs/cm	1600 Max.	237			
Total Dissolved Solids (TDS)	1000 Max.	154			
Total Hardness, ppm as CaCO ₃	300 Max.	63			
Calcium Hardness, ppm as CaCO ₃	200 Max.	57			
Chlorides (Cl ⁻), mg/l	250 Max.	36			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 18-12-2019
SITE: ZAYED UNIVERSITY, ABU DHABI	Copy: SERCO	LOCATION: Female Side, FDH Kitchen, GF Sink, Tap

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 – 9.2	8.34			
Conductivity at 25°C, µs/cm	1600 Max.	236			
Total Dissolved Solids (TDS)	1000 Max.	153			
Total Hardness, ppm as CaCO ₃	300 Max.	58			
Calcium Hardness, ppm as CaCO ₃	200 Max.	51			
Chlorides (Cl ⁻), mg/l	250 Max.	32			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj		Client:	Mr. MUHAMMED AFSHAR
Signature:			Signature:	

