



FIELD SERVICE REPORT

Client Name:	KFU_JASH	VWT App Eng:	Nameer Ahmed	Date:	3-Oct-2022
Project:	Al Hasa	Mobile:	0504890270	Ref:	-038
Contact Person:	Waelbadr	Email:	nameer.ahamed@veolia.com	System(s):	RO Plant - Zone A

Parameters	Control Limits	RO Feed	Vessels TDS	Control Limits	RO Product
Appearance	clear Min	Clear	Vessel 1 24	Clear Min	Clear
pH	6-6.8	6.75	Vessel 2 78	7-7.7	7.4
Conductivity (µs/cm)	1000-4500	1050		70-500	116
TDS (mg/l)	700-3200	760		50-350	87
Ca Hardness as CaCO3 (mg/l)	50-300	162		-	8
Mg Hardness as CaCO3 (mg/l)	-	98		-	4
Total Iron as Fe (mg/l)	0-0.08	0.01		-	0
Hydrex 4101, ppm as PO4	3-5	3.78		-	
Caridge inlet Pressure, bar	-	1.8		-	
Caridge Outlet Pressure, bar	-	1.7		-	
High Pressure pump, bar	-	9.4		-	
Δ Pressure, Bar	-			-	
Nitrate as NO3 (mg/l)	-	1.7		-	Nil
Suspended Solids (mg/l)	-	1		-	Nil
Total Coliforms (CFU/100 ml)	-	Nil		-	Nil
Total Count Bacteria (CFU/ml)	-	Nil		-	Nil

Remarks / Comments:

All the parameters are within the acceptable limits.

Chemicals	Store Stock (Kg)	Tank level Stock (Kg)	Present Dose (stroke x speed)	Future Dose (stroke x speed)	Chemicals	Store Stock (Kg)	Tank level Stock (Kg)	Present Dose (stroke x speed)	Future Dose (stroke x speed)



[illegible]

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Project:	Al Hasa	Mobile:	0504890270	Ref:	-038
Contact Person:	Waelbadr	Email:	nameer.ahamed@veolia.com	System(s):	RO Plant- Zone H

Parameters	Control Limits	RO Feed	Vessel TDS	Control Limits	RO Product
Appearance	clear Min	Clear	Vessel 1	Clear Min	Clear
pH	6-6.8	6.75	Vessel 2	7-7.7	7.36
Conductivity (µs/cm)	1000-4500	1820	Vessel 3	700-500	183
TDS (mg/l)	700-3200	1310	Vessel 4	50-350	119
Ca Hardness as CaCO ₃ (mg/l)	50-300	298	Vessel 5	-	8
Mg Hardness as CaCO ₃ (mg/l)	-	186	Vessel 6	-	4
Total Iron as Fe (mg/l)	0-0.08	0.01	Vessel 7	-	0
Hydrex 4101, ppm as PO ₄	3-5	3.44	Vessel 8	-	-
Cartridge Inlet Pressure, bar	-	2.7	Vessel 9	-	-
Cartridge Outlet Pressure, bar	-	2.3	Vessel 10	-	-
High Pressure pump, bar	-	11	Vessel 11	-	-
Nitrate as NO ₃ (mg/l)	-	2.9	Vessel 12	-	-
Suspended Solids (mg/l)	-	1		-	-
Total Coliforms (CFU/100 ml)	-	Nil		-	-
Total Count Bacteria (CFU/ml)	-	Nil		-	-

Remarks / Comments:

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Chemicals	Store Stock (Kg)	Tank level Stock (Kg)	Present Dose (stroke x speed)	Future Dose (stroke x speed)

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Parameters		Control Limits	RO Feed	Vessels TDS		Control Limits	RO Product												
Appearance	-	Clear		Vessel 1	36	-	Clear												
pH	6-6.8	6.76		Vessel 2	62	7-7.7	7.3												
Conductivity (µs/cm)	1000-4500	1230				70-500	97												
TDS (mg/l)	700-3200	840				50-350	51												
Ca Hardness as CaCO3 (mg/l)	50-300	166				-	10												
Mg Hardness as CaCO3(mg/l)	-	110				-	6												
Total Iron as Fe (mg/l)	0-0.08	0.02				-	0												
Hydrex 4101, ppm as PO4	3-5	3.56				-													
Cartridge Inlet Pressure, bar	-	2.9				-													
Cartridge Outlet Pressure, bar	-	2.8				-													
High Pressure pump, bar	-	11				-													
Δ Pressure, Bar	-					-													
Nitrate as NO3 (mg/l)	-	1.85				-	Nil												
Suspended Solids (mg/l)	-	1				-	Nil												
Total Coliforms (CFU/100 ml)	-	Nil				-	Nil												
Total Count Bacteria (CFU/ml)	-	Nil				-	Nil												

All the parameters are within the acceptable limits.



FIELD SERVICE REPORT

Client Name:	KFU_JASH	VWT App Eng:	Nameer Ahmed	Date:	26-Sep-2022
Project:	Al Hasa	Mobile:	0504890270	Ref:	-036
Contact Person:	Waelbadr	Email:	nameer.ahamed@veolia.com	System(s):	RO Plant - Dental

Parameters	Control Limits	RO Feed	Vessels TDS	Control Limits	RO Product
Appearance	-	Clear	Vessel 1 Vessel 2	-	Clear
pH	6-6.8	6.73	37 64	7-7.7	7.3
Conductivity (µs/cm)	1000-4500	1220		70-500	108
TDS (mg/l)	700-3200	830		50-350	57
Calc hardness as CaCO ₃ (mg/l)	50-300	166		-	10
Mg hardness as CaCO ₃ (mg/l)	-	110		-	6
Total Iron as Fe (mg/l)	0-0.08	0.02		-	0
Hydrex 4101, ppm as PO ₄	3-5	3.66		-	
Cartridge inlet Pressure, bar	-	2.9		-	
Cartridge Outlet Pressure, bar	-	2.8		-	
High Pressure pump, bar	-	11		-	
Δ Pressure, Bar	-			-	
Nitrite as NO ₃ (mg/l)	-	1.85		-	Nil
Suspended Solids (mg/l)	-	1		-	Nil
Total Coliforms (CFU/100 ml)	-	Nil		-	Nil
Total Count Bacteria (CFU/ml)	-	Nil		-	Nil

Remarks / Comments:

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Chemicals	Store Stock (Kg)	Tank level Stock (Kg)	Present Dose (stroke x speed)	Future Dose (stroke x speed)

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