



CONSULTING SERVICE REPORT

Customer: Farah Experiences LLC	To: Mr. Francise Naidu Hard Services Assistant Manager Operations	Sampling Date: 30-09-2019
Sample Description: GRP Water Tank # 01	Sample Source: Tank	Sample collected by: Crystalline Rep

POTABLE WATER ANALYSIS

PARAMETER	UNITS	CONTROL LIMITS	TEST RESULT
pH at 25°C	---	7.0 - 9.2	7.87
Conductivity at 25°C,	µs/cm	--	187
Total Dissolved Solids (TDS)	mg/l	1000 Max.	121
Total Hardness, ppm as CaCO ₃	mg/l	300 Max.	63
Calcium Hardness, ppm as CaCO ₃	mg/l	200 Max.	54
Total Alkalinity	mg/l	--	29
Chloride, ppm as Cl ⁻	mg/l	250 Max.	41
Iron, ppm as Fe	mg/l	0.2 Max.	<0.05
Sulphate (SO ₄), mg/l	mg/l	250 Max.	<10
Copper (Cu), mg/l	mg/l	1 Max.	<0.05
Aluminum (Al),	mg/l	0.2 Max.	<0.05
Zinc (Zn), mg/l	mg/l	5 Max	<0.05
Nitrate (NO ₃ ⁻), mg/l	mg/l	50 Max.	<1.0
Nitrite (NO ₂ ⁻), mg/l	mg/l	3.0 Max.	<0.05
Fluorides (F)	mg/l	1.5 Max	<0.01
Potassium (K)	mg/l	12 Max.	<5.0
Treatment Residuals			
Odor	---	Unobjectionable	ND
Free Residual Chlorine as Cl	mg/l	0.2 - 0.5	0.37
Turbidity in NTU	NTU	4 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 Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
CRYSTAL SHC			--	--
			--	--
Service Engineer:	Murugaraaj		Client:	Francise Naidu
Signature:			Signature:	





CONSULTING SERVICE REPORT

Customer: Farah Experiences LLC	To: Mr. Francise Naidu Hard Services Assistant Manager Operations	Sampling Date: 30-09-2019
Sample Description: GRP Water Tank # 02	Sample Source: Tank	Sample collected by: Crystalline Rep

POTABLE WATER ANALYSIS

PARAMETER	UNITS	CONTROL LIMITS	TEST RESULT
pH at 25°C	---	7.0 - 9.2	7.92
Conductivity at 25°C,	µs/cm	--	203
Total Dissolved Solids (TDS)	mg/l	1000 Max.	132
Total Hardness, ppm as CaCO ₃	mg/l	300 Max.	60
Calcium Hardness, ppm as CaCO ₃	mg/l	200 Max.	44
Total Alkalinity	mg/l	--	29
Chloride, ppm as Cl ⁻	mg/l	250 Max.	37
Iron, ppm as Fe	mg/l	0.2 Max.	<0.05
Sulphate (SO ₄), mg/l	mg/l	250 Max.	<10
Copper (Cu), mg/l	mg/l	1 Max.	<0.05
Aluminum (Al),	mg/l	0.2 Max.	<0.05
Zinc (Zn), mg/l	mg/l	5 Max	<0.05
Nitrate (NO ₃ ⁻), mg/l	mg/l	50 Max.	<1.0
Nitrite (NO ₂ ⁻), mg/l	mg/l	3.0 Max.	<0.05
Fluorides (F)	mg/l	1.5 Max	<0.01
Potassium (K)	mg/l	12 Max.	<5.0
Treatment Residuals			
Odor	---	Unobjectionable	ND
Free Residual Chlorine as Cl	mg/l	0.2 - 0.5	0.36
Turbidity in NTU	NTU	4 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 Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
CRYSTAL SHC			--	--
			--	--
Service Engineer:	Murugaraaj		Client:	Francise Naidu
Signature:			Signature:	





CONSULTING SERVICE REPORT

Customer: Farah Experiences LLC	To: Mr. Francise Naidu Hard Services Assistant Manager Operations	Sampling Date: 30-09-2019
Sample Description: Water Tap (Plant #04)	Sample Source: Tap	Sample collected by: Crystalline Rep

POTABLE WATER ANALYSIS

PARAMETER	UNITS	CONTROL LIMITS	TEST RESULT
pH at 25°C	---	7.0 - 9.2	8.07
Conductivity at 25°C,	µs/cm	--	168
Total Dissolved Solids (TDS)	mg/l	1000 Max.	109
Total Hardness, ppm as CaCO ₃	mg/l	300 Max.	57
Calcium Hardness, ppm as CaCO ₃	mg/l	200 Max.	39
Total Alkalinity	mg/l	--	36
Chloride, ppm as Cl ⁻	mg/l	250 Max.	31
Iron, ppm as Fe	mg/l	0.2 Max.	<0.05
Sulphate (SO ₄), mg/l	mg/l	250 Max.	<10
Copper (Cu), mg/l	mg/l	1 Max.	<0.05
Aluminum (Al),	mg/l	0.2 Max.	<0.05
Zinc (Zn), mg/l	mg/l	5 Max	<0.05
Nitrate (NO ₃ ⁻), mg/l	mg/l	50 Max.	<1.0
Nitrite (NO ₂ ⁻), mg/l	mg/l	3.0 Max.	<0.05
Fluorides (F)	mg/l	1.5 Max	<0.01
Potassium (K)	mg/l	12 Max.	<5.00
Treatment Residuals			
Odor	---	Unobjectionable	ND
Free Residual Chlorine as Cl	mg/l	0.2 - 0.5	0.37
Turbidity in NTU	NTU	4 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 Dioxide levels found satisfactory ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
CRYSTAL SHC			--	--
			--	--
Service Engineer:	Murugaraaj	Client:	Francise Naidu	
Signature:		Signature:		

