

CONSULTING SERVICE REPORT

CUSTOMER: SERCO – NEW YORK UNIVERSITY, ABU DHABI	To: Mr. Ratheesh Muttath Operations Engineer	DATE: 05-10-2019
CUSTOMER ID: 3003	Copy: SERCO - NYUAD	LAST VISIT: 07-09-2019

KIDS SPLASH PAD WATER ANALYSIS

PARAMETER	CONTROL LIMITS	CENTER FOUNTAIN			
pH	7.2 - 7.6	8.70			
Conductivity, $\mu\text{s}/\text{cm}$	Max 1500	408			
TDS, ppm	Max 1000	265			
'P' Alkalinity, ppm as CaCO_3	80 - 120	--			
Total Hardness, ppm as CaCO_3					
Calcium Hardness, ppm as CaCO_3	100 - 500	--			
Chloride, ppm as Cl^-	--				
Iron, ppm as Fe					

Treatment Residuals

Silica, ppm					
CaH Balance					
Dipslide	<10 ³	ND			
Salinity in mg/l	--				
Free Residual Chlorine as Cl	1.0 - 2.0	0.14			
Cynauric Acid	20 - 60	--			

All test results expressed in parts per million (ppm) as CaCO_3 except pH and conductivity (μmhos).

COMMENTS:	ACTION:
The pH levels found are high ⇒	Please add pool acid to maintain the desired limit
Chlorine levels are found low. ⇒	Add Chlorine Tablets to maintain the chlorine levels.

Kindly maintain the chlorine levels in the splash pad. Kindly install an automatic dosing system for the splash pad. Fresh water inlet for the splash pad is missing. The tank supplying water to the splash pad must be cleaned every month.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
Salt Granules			--	
Pool Acid			--	
Crystal Care			--	
Crystal Clear				
Calcium Chloride				
Soda Ash				
Service Engineer:	Murugaraaj	Client:	Mr. Ratheesh Muttath	
Signature:		Signature:		

