

Sattva Anugraha

Venue	Anugraha Facility Office & Water Treatment Plant	Dated	24.09.2024
Time	16.00 hrs to 19.00 hrs	Presented By	Mr.Jawid Khan –Prop M/s JK Enterprises
Attendees			
Sattva Mr. Santosh Kumar B.R Mr.Praveen Kumar G.B Mr.Goutham Mr.Prakash AAOA S.P .Naik –President		Residents Mr. Ashok Koralli –T3- 601 Mr.Ishwar Pawate-T 8 -1403 Ramakanth Naik-T 6 -004 Lt. Col Chandrashekar – T3-1301 UL Shetty-T3-1204	
Meeting Aim: Awarness program on differentiation between Water Hardness and TDS (Total Dissolved Solids)			

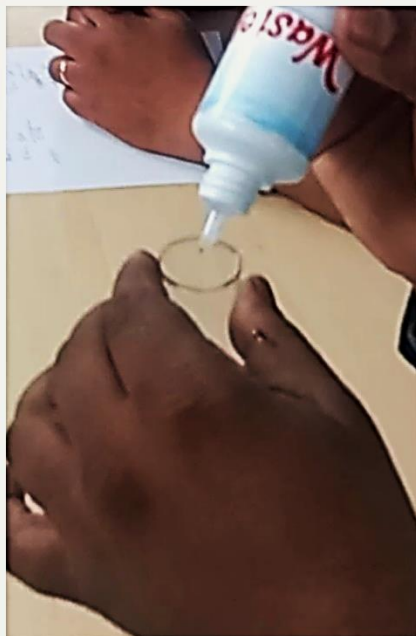
Points Explained

- **Mr.Jawid Khan explained various components included in the water and Hardness refers to the amount of calcium, magnesium.**
- **TDS,refers to the total of other mineral elements including calcium and magnesium.**
- **Explained process of Water softening through WTP were the ions of calcium, magnesium and iron are removed.**
- **Explained reduction in calcium & magnesium post treatment and increase in Sodium levels in water.**
- **Explained Hardness and TDS elements are different components and Water Treatment plant reduces the amount of hard minerals in water but do NOT reduce total dissolved solids (TDS).**
- **Explained how TDS will increase post treatment of water compared to untreated Raw water.**
- **Walkthrough done in WTP and explained the process of filtration and the operation of various filters like sand,corbon,softer and chlorinator.**

Test Results

SI	Location	Hardness in PPM	TDS in PPM
1	Facilities office	60	813
2	Water Treatment Plant	6	552
3	Flat -T2 -704	80	

Note: Water hardness tested through total water hardness test kit. Company: Waseer Solutions Pvt Ltd.



RAW WATER	Soft WATER
Na - 10	Na - 288
Ca - 130	Ca - 30
Mg - 180	Mg - 30
SI - 40	SI - 40
NI - 35	NI - 35
CL - 49	CL - 49
SUL - 51	SUL - 51
Fe - 1	Fe - 1
Flu - 20	Flu - 20
<u>TDS - 516</u>	<u>not 600</u>
Diagram: A circle labeled 'Na' with arrows pointing up and down.	Diagram: A circle labeled 'Ca Mg' with arrows pointing up and down, and the text 'incl. Na' written above it.

