

TESTIMONIAL



Believe it or not! I live in Chennai. In Chetpet. In an apartment building, with a borewell. Along the infamous Coovum Canal. And yet, I get in my taps, water as clean and fresh as from a spring. How?
Call USV H2O Engineering Technologies Pvt Ltd., Pondicherry.

USV H2O have installed for me, two custom-made water treatment units. Each unit processes and stores 150 liters of water, at any given time. This meets all my requirements, through the wash basins, the toilets and health faucets, and the showers and taps.

The WATER TEST REPORT below shows the parameters on which the test was based. The Raw Water samples were from both Metro and Borewell where there was only a marginal difference between the two. You can see that the quality of my Treated Water of 62 TDS far surpasses the Chennai Municipality norm of 500 TDS. But look! it is even better than the WHO standard of "Excellent" at 75-150 TDS.

WHO Standard for TDS

25 -75 ppm Excellent Quality

75 -150 ppm Good

50 -300 ppm Fair

It is exhilarating when I bathe in this water and afterwards my hair and skin feel soft because there are no corrosive elements in the water now. Try it.

Get yourself an USV H2O unit. It is well worth it. The proof is that the brass and copper utensils and artefacts in your house will stay shining. Your hair will stay soft — and on your head.

N.S. YAMUNA

December 26, 2018

WATER TEST REPORT

Sample of water from Residence of Ms. N S Yamuna Ground Floor D, Madeleine Court, Mayor Ramanathan Salai,
(Spur Tank Rd), Chetpet, Chennai 600031 on 17/12/2018. (This establishes location and proximity to the Coovam Canal.)

Sl. No.	Parameters	Units	Raw water Results	Treated water Results	Drinking Water Standard (IS: 10500 - 2012)		Health hazards due to excess chemicals and minerals present in the water above the permissible limits
					WHO Acceptable limit Anything above these limits will be unsafe for human consumption	Acceptable limit in the absence of alternate sources	

1	pH (at 25°C) Power of Hydrogen	6.5 -7.5	6.6	6.8	6.5 – 8.5	No relaxation means deviation above/below is detrimental.	Has bitter taste; affects mucous membranes; causes corrosion of pipes, metal fittings and electrical equipment like heaters & washing machines; harmful to aquatic life.”
2	EC (at 25° C) Electrical conductivity	µS/cm	1293	129	Acceptable is below 500	-	Undesirable taste; gastro intestinal irritations; corrosion or incrustation
3	TDS (at 103° C) Total dissolved solids	mg/l	1350	62	500	Bureau of Indian Standards accepts up to 500. The Municipality norm for general purpose but not potable is 2000.	Undesirable taste; gastro intestinal irritations; corrosion or incrustation
4	Colour	HU	< 5.0	Transparent	5	15	It could lead to stomach pain & infections Colour can return to normal with treatment
5	Turbidity physical impurities	NTU	0.3	NIL	1	5	It could lead to stomach pain & infections
6	Odour		Unpleasant	NIL	Pleasant	-	It could lead to stomach pain & infections
7	Total Hardness (as CaCO ₃)	mg/l	520	22	200	600	Bitter taste, affects mucous membranes, harmful to aquatic life, causes corrosion & scale formation in pipes and electrical equipment
8	Calcium (as Ca)	mg/l	175	15	75	200	Unpleasant taste, Poor lathering and deterioration of the quality of clothes; incrustation in pipes; scale formation
9	Magnesium (as Mg)	mg/l	175	15	30	100	Unpleasant taste, Poor lathering and deterioration of clothes; with sulfate cleansing
10	Chlorides (as Cl)	mg/l	315	13	250	1000	Unpleasant taste, corrosive
11	Nitrate (as NO ₃)	mg/l	6.7	1.2	45	No relaxation	(Harmless)
12	Sulphate (as SO ₄)	mg/l	42	3.8	200	400	(Harmless)
13	Fluoride (as F)	mg/l	3.5	<0.01	1.0	1.5	Dental and skinny fluorosis; non-skinny appearances
14	Total Iron (as Fe)	mg/l	3.33	<0.02	1.0	No relaxation	Poor bitter taste, color and turbidity; staining of clothes materials; iron bacteria causing slime