

Post Monsoon Water Quality Data 2010

S.No.	Parameters	Desirable limit	Permissible in the absence of alternate	Jamia Hamdard University	East Nizamudin	Mothers Dairy	International School	Defense Colony	Mira Model School	Anup Ahuja Farm House	Tihar Jail	New Friends Club	Indian Spinal Injury Centre	Tex Corporation	Bhutan Embassy-1	Bhutan Embassy-2	BPCL
1	Colour			CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	Pale Yellow
2	pH	6.5 to 8.5		7.4	7.6	7	6.6	7.4	6.9	7.1	7.2	7.6	7.7	6.9	7.8	7.6	7.3
3	Total Solids (TS), mg/L			800	1230	10000	6400	837	5000	952	1530	2600	862	13000	1380	1200	800
4	Total Dissolved Solids (TDS), mg/L	500	2000	696	1000	7950	4320	600	4380	800	1400	2230	800	7220	1000	962	711
5	Total Suspended Solids (TSS), mg/L			104	230	2050	2080	237	620	152	130	370	62	5780	380	238	89
6	Turbidity, NTU	5	10	0.44	1.18	4.82	0.77	2.17	1.38	1.2	1.32	3.8	0.31	0.43	4.23	0.86	34.47
7	Conductivity (ms)			1065	1876	11950	6330	1256	6530	1435	2300	3360	1390	10900	1322	1402	1061
8	Acidity, mg/L			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Alkalinity, mg/L	200	600	298	498	250	252	320	224	390	476	355	325	210	340	310	405
10	Total Hardness as CaCO ₃ , mg/L	300	600	104	94	2430	2160	240	1830	320	325	825	345	3150	370	385	500
11	Calcium, mg/L	75	200	95	90	600	1290	215	1065	240	270	745	285	2050	315	335	490
12	Magnesium, mg/L	30	100	9	4	1830	870	25	765	80	55	80	60	1100	55	50	10
13	Chloride, mg/L	250	1000	99.97	115.96	3463.93	879.73	109.97	1219.62	129.96	224.93	664.79	144.96	3833.81	219.93	219.93	109.97
14	Sulfate, mg/L			20.86	171.48	787.01	602.28	129.63	697.11	48.35	332.21	518.8	119.35	422.47	132.74	146.46	102.69
15	Iron, mg/L	0.3	1	ND	0.199	0.89	0.091	0.249	0.798	0.064	0.107	0.307	2.209	1.557	1.328	0.004	2.271
16	Chromium, mg/L			ND	ND	0.024	0.056	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17	Aluminium, mg/L			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
18	Nickel, mg/L			ND	ND	0.06	0.025	ND	0.031	ND	ND	ND	ND	0.053	0.036	ND	0.034
19	Fluoride, mg/L			0.614	0.667	0.664	0.608	0.57	0.638	0.63	0.598	0.573	0.574	0.605	0.663	0.602	0.604
20	Nitrate, mg/L			0.215	1.259	0.938	0.084	1.389	0.037	1.405	0.571	0.958	0.374	1.102	1.073	1.097	0.377

Note: ND(Not Detected), CL(Colourless)