

Post Monsoon Water Quality Data 2011

S. No.	Parameters	Desirable limit	Permissible in the absence of alternate source	Delhi Gymkhana Club	CSE1	CSE2	Tex corp- 1	Tex corp-2	Indian spinal injury centre	(housing complex)	Nizamuddin east	Honda	Defence colony	Anup ahuja farm house	New friends club	BPCL Office	Maharani Bagh	Jasuben Patel's Residence	ONGC Well near CN factory
1	Colour			Colourless (CL)	CL	CL	Colourless (CL)	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL	CL
2	pH	6.5 to 8.5		7.1	7.1	7	6.8	6.8	6.9	6.6	7.4	7.1	7.1	7.3	6.8	6.9	7.4	7.9	6.9
3	Total Solids (TS), mg/L			1695	852	589	84518330(16.66) times higher	8188	1277	1496	1574	2168	1455	956	1560	1132	8152	3789	14855
4	Total Dissolved Solids (TDS), mg/L	500	2000	2430(4.83 times higher)	799(1.498 times higher)	758(1.416) times higher	121	9170(16.34) times higher	406	2690(5.36) times higher	1630(3.26) times higher	1530(3.06) times higher	769(1.53) times higher	818(1.63) times higher	2590(5.18) times higher	909(1.81) times higher	1200(2.4) times higher	1880(3.76) times higher	13200(26.4) times higher
5	Total Suspended Solids (TSS), mg/L			-	53	-	0.15	18	200	-	-	130	686	-	-	223	6952	1909	1655
6	Turbidity, NTU	5	10	0.22	0.25	0.62	12690	0.12	9.01	0.12	0.13	0.64	0.01	0.04	0.63	3.34	0.73	0.77	1.54
7	Conductivity (ms)			3790	1215	1163	ND	12610	1305	4150	2460	2320	1162	1231	3860	1369	1783	2620	19640
8	Alkalinity, mg/L	200	500	ND	ND	ND	24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9	Acidity, mg/L			38	20	30	1430	28	40	32	36	24	30	26	60	42	24	34	20
10	Total Hardness as CaCO ₃ , mg/L	300	800	350	340	230	41.6	950	370	930	210	360	380	260	720	450	490	220	1950
11	Calcium, mg/L	75	200	128	73.6	96	906	90	91.6	43.2	67.2	64	121.6	129.6	126.4	59.2	307.2	62.4	38.4
12	Magnesium, mg/L	30	100	586	20	50	2460.76	346	170	198	42	220	186	16	290	290	122	56	1430
13	Chloride, mg/L	250	1000	705.78	127.93	121.93	0.4	1959.02	127.93	867.56	153.92	295.85	93.95	83.95	685.65	111.94	263.86	301.84	1287.35
14	Iron (as Fe) mg/L	0.3		ND	ND	2.5	ND	ND	ND	ND	ND	ND	1.2	ND	ND	0.1	0.3	ND	ND
15	Chromium (Cr ⁶⁺) mg/L	0.05		ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

