



OFFICE OF THE DIRECTOR (T&QC)
DELHI JAL BOARD: GOVT. OF NCT OF DELHI
WATER WORKS WAZIRABAD:DELHI-110054



Parameters of STPs of Delhi as on							17.08.2019		
Name of the Plant	Capacity (in MGD)	Parameter							
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4
		DPCC limits	5.5-9.0	50	30	250	10	50	5
Okhla	12 MGD	Inlet	7.2	296	161	416	3	34	1.7
		outlet	7.6	29	20	80	1	36	0.5
	Real Time Reading at Outlet								
	45 MGD	Inlet	7.2	230	174	336	2	37	2
		outlet	7.6	29	22	80	1	36	0.8
	Real Time Reading at Outlet								
	37 MGD	Inlet	7.2	230	174	336	2	37	2
		outlet	7.6	27	19	74	Nil	36	1.8
	Real Time Reading at Outlet								
	16 MGD	Inlet	7.2	230	174	336	2	37	2
		outlet	7.6	24	15	64	Nil	37	1.5
	Real Time Reading at Outlet								
	New 30 MGD	Inlet	7.3	242	161	416	3	40	2.3
		Outlet	7.6	6	6	24	Nil	6	1.4
	Real Time Reading at Outlet								
Kondli	25 MGD Phase-II	Inlet	7.2	262	159	288	15	30	6.2
		outlet	7.7	17	12	42	2	21	3
	Real Time Reading at Outlet		7.4	18	19	56		24.71	
	45 MGD Phase-IV	Inlet	7.2	272	165	282	20	32	5.4
		outlet	7.5	27	15	60	4	26	2.5
	Real Time Reading at Outlet		8.1	23	15	33		27.8	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	182	140	-	-	50	4
		outlet	7.4	48	31	-	-	35	2
	Real Time Reading at Outlet								
	10 MGD Phase-II	Inlet	7.1	672	323	-	--	45	3.5
		outlet	7.3	32	16	-	-	30	1.5
	Real Time Reading at Outlet		7.3	31	12	57		5	
	25 MGD Phase-III	Inlet	7.1	648	285	-	-	55	6
		outlet	7.4	22	17	-	-	35	4
Real Time Reading at Outlet									
Rithala	40 MGD	Inlet	7	224	159	280	-	25	1
		outlet	7.5	29	17	70	-	18	0.7
	Real Time Reading at Outlet		7.85	368	16.04	67.63		11.68	
	40 MGD	Inlet	7	224	159	280	-	25	1
		Outlet	7.4	17	11	50	-	12	0.4
Real Time Reading at Outlet		7.2	22.44	20.16	80.8		14.74		
Keshopur	12 MGD	Inlet	7.3	972	361	-	-	23	3.1
		outlet	7.6	7	4	-	-	5	2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	40 MGD	Inlet	7.3	284	172	-	-	24	3
		outlet	7.5	108	129	-	-	22	2.7
	Real Time Reading at Outlet		7.21	288.74	102.66	306.13	-	26.1	-
20 MGD	Inlet	7.3	284	172	-	-	24	3	

	20 MGD		outlet	7.5	76	86	-	-	21	2.8
	Real Time Reading at Outlet			NA	NA	NA	NA	NA	NA	NA
Nilothi	40 MGD Phase-I	Inlet	7.2	302	114	-	-	21	2.8	
		outlet	7.4	28	22	-	-	12	2.5	
	Real Time Reading at Outlet			7.33	42.06	25.25	113.56	-	17.97	-
	20 MGD Phase-II	Inlet	7.2	392	158	-	-	28	3	
		outlet	7.3	8	6	-	-	7	2.2	
	Real Time Reading at Outlet			NA	52.55	3	27.73	NA	NA	NA
Pappankalan	20 MGD Phase-II	Inlet	7.3	318	172	-	-	32	3.8	
		outlet	7.7	48	29	-	-	12	0.4	
	Real Time Reading at Outlet			7.29	31.58	28.94	72.25	-	19.15	-
	20 MGD Phase-II	Inlet	7.3	389	202	-	-	38	4.4	
		outlet	7.6	8	6	-	-	0.2	2.2	
	Real Time Reading at Outlet			6.94	10.21	1.97	25.6	-	1.48	-
Najafgarh	5 MGD Phase-II	Inlet	7.3	213	146	-	-	28	3	
		outlet	7.6	52	32	-	-	10	1.2	
	Real Time Reading at Outlet			7.5	35.05	38.36	111.94	-	18.57	-
Corronation pillar	20 MGD Phase-I & II	Inlet	7.1	212	190	336	7.6	36	2.2	
		outlet	7.5	56	41	110	2.9	23	1.3	
	Real Time Reading at Outlet			7.1	108	35	156		21	
	10 MGD Phase-III	Inlet	7.1	340	310	440	-	52	2.4	
		outlet	7.4	60	42	116	-	32	1.5	
	Real Time Reading at Outlet			7.2	69	31	116		27	

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Name of the Plant	Capacity (in MGD)	17.08.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	29	20	80
	45 MGD	29	22	80
	37 MGD	27	19	74
	16 MGD	24	15	64
	New 30 MGD	6	6	24
Kondli	25 MGD	17	12	42
	45 MGD	27	15	60
Yamuna Vihar	10 MGD	48	31	-
	10 MGD	32	16	-
	25 MGD	22	17	-
Rithala	40 MGD	29	17	70
	40 MGD	17	11	50
Keshopur	12 MGD	7	4	-
	40 MGD	108	129	-
	20 MGD	76	86	-
Nilothi	40 MGD	28	22	-
	20 MGD	8	6	-
Najafgarh	5 MGD	52	32	-
Pappankalan	20 MGD	48	29	-
	20 MGD	8	6	-
Corronation pillar	20 MGD	56	41	110
	10 MGD	60	42	116



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Parameters of STPs of Delhi as on							18.08.2019		
Name of the Plant	Capacity (in MGD)	Parameter							
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4
		DPCC limits	5.5-9.0	50	30	250	10	50	5
Okhla	12 MGD	Inlet	7.3	264	139	408	2	32	1.4
		outlet	7.6	25	15	56	1	28	0.7
	Real Time Reading at Outlet								
	45 MGD	Inlet	7.3	280	162	440	2	33	1.5
		outlet	7.6	27	18	72	1	30	0.9
	Real Time Reading at Outlet								
	37 MGD	Inlet	7.3	280	162	440	2	33	1.5
		outlet	7.6	24	16	56	1	29	0.8
	Real Time Reading at Outlet								
	16 MGD	Inlet	7.3	280	162	440	2	33	1.5
		outlet	7.6	19	10	40	Nil	28	0.5
	Real Time Reading at Outlet								
Kondli	25 MGD Phase-II	Inlet	7.3	246	167	272	-	29	5.2
		outlet	7.7	16	10	44	-	19	2.1
	Real Time Reading at Outlet								
	45 MGD Phase-IV	Inlet	7.3	236	162	254	-	30	5.4
		outlet	7.6	29	18	66	-	25	2.5
	Real Time Reading at Outlet								
Yamuna Vihar	10 MGD Phase-I	Inlet	7	124	87	-	14.2	35	3
		outlet	7.5	37	22	-	8.6	30	2.5
	Real Time Reading at Outlet		7.4	51	26	86		27	
	10 MGD Phase-II	Inlet	7.5	104	88	-	10.8	30	3
		outlet	7.5	29	20	-	5.2	25	2
	Real Time Reading at Outlet								
	25 MGD Phase-III	Inlet	7.2	142	99	-	12.6	45	4.5
		outlet	7.5	54	26	-	5.4	35	3
	Real Time Reading at Outlet		7.3	64	24	87		24	
Rithala	40 MGD	Inlet	7	172	154	250	-	22	0.5
		outlet	7.6	24	15	50	-	16	0.4
	Real Time Reading at Outlet								
	40 MGD	Inlet	7	172	154	250	-	22	0.5
		Outlet	7.4	18	13	40	-	8	0.4
	Real Time Reading at Outlet								
Keshopur	12 MGD	Inlet	7.4	220	119	-	-	23	2.7
		outlet	7.6	12	7	-	-	4	1.7
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	40 MGD	Inlet	7.3	248	132	-	-	24	2.7
		outlet	7.5	84	67	-	-	25	2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	20 MGD	Inlet	7.3	248	132	-	-	24	2.7
outlet		7.5	64	65	-	-	19	2.1	
Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA	
	40 MGD Phase-	Inlet	7.3	288	106	-	-	24	2.5

Nilothi	I	outlet	7.5	30	20	-	-	12	2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
Pappankalan	20 MGD Phase-II	Inlet	7.2	380	196	-	-	30	4
		outlet	7.8	38	25	-	-	10	0.4
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	20 MGD Phase-II	Inlet	7.3	410	208	-	-	34	4.4
		outlet	7.6	8	6	-	-	0.2	2
	Real Time Reading at Outlet		6.95	13.09	2.9	32.05	-	1.53	-
Corronation pillar	20 MGD Phase-I &II	Inlet	6.8	178	185	280	7.6	34	2.3
		outlet	7.1	52	43	98	2.9	20	1.6
	Real Time Reading at Outlet								
	10 MGD Phase-III	Inlet	7	290	280	416	-	50	2.5
		outlet	7.5	56	45	110	-	30	1.7
	Real Time Reading at Outlet								

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		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	25	15	56
	45 MGD	27	18	72
	37 MGD	24	16	56
	16 MGD	19	10	40
Kondli	25 MGD	16	10	44
	45 MGD	29	18	66
Yamuna Vihar	10 MGD	37	22	-
	10 MGD	29	20	-
	25 MGD	54	26	-
Rithala	40 MGD	24	15	50
	40 MGD	18	13	40
Keshopur	12 MGD	12	7	-
	40 MGD	84	67	-
	20 MGD	64	65	-
Nilothi	40 MGD	30	20	-
Pappankalan	20 MGD	38	25	-
	20 MGD	8	6	-
Corronation pillar	20 MGD	52	43	98
	10 MGD	56	45	110