



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							04.05.2019		
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	45 MGD	Inlet	7.4	312	198	440	5	42	2.8
		outlet	7.7	24	16	64	1	38	0.8
	37 MGD	Inlet	7.4	312	198	440	5	42	2.8
		outlet	7.7	21	14	56	2	40	0.8
	16 MGD	Inlet	7.4	312	198	440	5	42	2.8
		outlet	7.8	12	8	32	Nil	38	0.5
Kondli	25 MGD Phase-II	Inlet	7.3	302	164	326	16.5	40	7
		outlet	7.6	25	13	54	3	33	3.2
	45 MGD Phase-IV	Inlet	7.2	318	187	348	24	39	6.9
		outlet	7.5	30	19	66	4	32	3.4
Chilla	9 MGD	Inlet	7.2	192	141	220	18	40	6.9
		outlet	7.6	8	3.8	20	2	0.27	4.7
CWG Village	1 MGD	Inlet	7.2	888	413	660	26	25	4.6
		outlet	7.6	1	0.36	Bdl	Bdl	0.1	1.4
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	332	224	703	-	45	4
		outlet	7.8	47	24	91	-	35	2
	Phase-II	Inlet	7.5	336	238	746	-	45	4
		outlet	7.6	36	20	62	-	35	2
	25 MGD Phase-III	Inlet	7.2	572	327	855	-	50	3.5
		outlet	7.6	28	17	103	-	35	1.5
Rithala	40 MGD	Inlet	7.3	292	171	400	-	38	1.4
		outlet	7.7	46	24	110	-	34	1.1
	40 MGD	Inlet	7.3	292	171	400	-	38	1.4
		Outlet	7.8	16	10	60	-	16	0.7
Keshopur	12 MGD	Inlet	7.4	388	219	-	-	31	3.3
		outlet	7.6	40	24	-	-	8	2
	40 MGD	Inlet	7.4	364	238	-	-	34	3.2
		outlet	7.6	106	89	-	-	29	2.8
	20 MGD	Inlet	7.4	364	238	-	-	34	3.2
		outlet	7.5	134	122	-	-	30	3.2
Nilothi	40 MGD Phase-I	Inlet	7.2	178	130	-	-	28	3.2
		outlet	7.5	44	27	-	-	22	2
Nazafgarh	5 MGD	Inlet	7.3	209	165	-	-	22	3
		outlet	7.7	32	23	-	-	6	1
PappanKalan	20 MGD Phase-I	Inlet	7.3	348	195	-	-	38	3.2
		outlet	7.8	31	15	-	-	31	0.1
	20 MGD Phase-II	Inlet	7.3	348	195	-	-	38	3.2
		outlet	7.6	21	18	-	-	32	2
Corronation pillar	20 MGD Phase-I & II	Inlet	7	370	315	495	7.6	38	2.3
		outlet	7.4	106	54	146	3.3	21	1.1
	10 MGD Phase-III	Inlet	7.1	570	360	616	-	58	2.4
		outlet	7.6	125	62	174	-	36	1.3

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Name of the Plant	Capacity (in MGD)	04.05.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	45 MGD	24	16	64
	37 MGD	21	14	56
	16 MGD	12	8	32
Kondli	25 MGD Pahse-II	25	13	54
	45 MGD Phase-IV	30	19	66
Chilla	9 MGD	8	3.8	20
CWG Village	1 MGD	1	0.36	Bdl
Yamuna Vihar	10 MGD Phase-I	47	24	91
	Phase-II	36	20	62
	25 MGD Phase-III	28	17	103
Rithala	40 MGD Phase-I	46	24	110
	40 MGD Phase-II	16	10	60
Keshopur	12 MGD	40	24	-
	40 MGD	106	89	-
	20 MGD	134	122	-
Nilothi	40 MGD Pahse-I	44	27	-
Nazafgarh	5 MGD	32	23	-
PappanKalan	20 MGD Phase-I	31	15	-
	20 MGD Phase-II	21	18	-
Corronation pillar	20 MGD Pahse-I & II	106	54	146
	10 MGD Pahse-III	125	62	174



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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	45 MGD	Inlet	7.4	320	180	456	3	37	1.8
		outlet	7.8	16	8	32	Nil	28	0.6
	37 MGD	Inlet	7.4	320	180	456	3	37	1.8
		outlet	7.8	18	10	40	1	29	0.7
	16 MGD	Inlet	7.4	320	180	456	3	37	1.8
		outlet	7.9	8	6	24	Nil	25	0.4
Kondli	25 MGD Phase-II	Inlet	7.3	296	210	324	-	39	6.9
		outlet	7.6	17	12	42	-	32	3
	45 MGD Phase-IV	Inlet	7.2	260	195	286	-	41	6.8
		outlet	7.5	28	17	62	-	34	3.2
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	328	216	568	-	45	5
		outlet	7.6	57	31	114	-	30	2.5
	Phase-II	Inlet	7.3	276	198	640	-	40	5
		outlet	7.5	43	25	98	-	20	3
	25 MGD Phase-III	Inlet	7.4	576	341	900	-	55	4.5
		outlet	7.6	50	26	122	-	35	3
Rithala	40 MGD	Inlet	7.2	272	163	430	-	38	1.5
		outlet	7.8	45	25	110	-	30	1
	40 MGD	Inlet	7.2	272	163	430	-	38	1.5
		Outlet	7.6	18	13	60	-	18	0.8
Keshopur	12 MGD	Inlet	7.3	448	254	-	-	32	3.1
		outlet	7.8	34	21	-	-	7	1.9
	40 MGD	Inlet	7.3	472	270	-	-	33	3.4
		outlet	7.5	122	96	-	-	28	2.9
	20 MGD	Inlet	7.3	472	270	-	-	33	3.4
		outlet	7.4	152	139	-	-	31	3.2
Nilothi	40 MGD Phase-I	Inlet	7.3	192	120	-	-	26	3.8
		outlet	7.5	36	29	-	-	20	2.2
PappanKalan	20 MGD Phase-I	Inlet	7.4	352	207	580	12	20	3
		outlet	7.7	32	15	100	2	16	0.1
	20 MGD Phase-II	Inlet	7.4	352	207	580	12	20	3
		outlet	7.6	22	17	96	2	18	1.5
Corronation pillar	20 MGD Phase-I & II	Inlet	6.8	340	305	456		36	2.2
		outlet	7.1	78	38	116		22	1.2
	10 MGD Phase-III	Inlet	7	386	345	516	8.6	56	2.3
		outlet	7.4	89	46	136	3.4	34	1.1

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		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	45 MGD	16	8	32
	37 MGD	18	10	40
	16 MGD	8	6	24
Kondli	25 MGD Pahse-II	17	12	42
	45 MGD Phase-IV	28	17	62
Yamuna Vihar	10 MGD Phase-I	57	31	114
	Phase-II	43	25	98
	25 MGD Phase-III	50	26	122
Rithala	40 MGD Phase-I	45	25	110
	40 MGD Phase-II	18	13	60
Keshopur	12 MGD	34	21	-
	40 MGD	122	96	-
	20 MGD	152	139	-
Nilothi	40 MGD Pahse-I	36	29	-
PappanKalan	20 MGD Phase-I	32	15	100
	20 MGD Phase-II	22	17	96
Corronation pillar	20 MGD Pahse-I & II	78	38	116
	10 MGD Pahse-III	89	46	136