



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							16.02.2019		
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	7.5	248	215	416	4	40	2.5
		outlet	7.6	49	28	112	2	40	1.1
	45 MGD	Inlet	7.4	248	200	424	4	45	2.6
		outlet	7.6	46	23	104	Nil	40	1
	37 MGD	Inlet	7.4	248	200	424	4	45	2.6
		outlet	7.7	44	22	96	Nil	43	0.8
	16 MGD	Inlet	7.4	248	200	424	4	45	2.6
		outlet	7.6	41	23	96	Nil	45	1.2
Kondli	25 MGD Phase-II	Inlet	7.2	336	215	425	20	39	6.8
		outlet	7.6	15	9	32	4	25	2.9
	45 MGD Phase-IV	Inlet	7.3	372	218	395	27	40	6.6
		outlet	7.5	39	22	88	5	35	3.6
Chilla	9 MGD	Inlet	7.1	450	152	217	21	41	6.6
		outlet	7.6	8	3	16	2	0.32	4.8
CWG Village	1 MGD	Inlet	7.1	1530	537	679	33	26	5.1
		outlet	7.7	Bdl	Bdl	Bdl	Bdl	0.18	1.4
Yamuna Vihar	10 MGD Phase-I	Inlet	7	240	180	549	59.6	70	8
		outlet	7.6	43	28	87	21.6	45	3.5
	25 MGD Phase-III	Inlet	7.2	312	212	614	68.4	55	7
		outlet	7.5	25	18	78	27.6	30	4
Rithala	40 MGD	Inlet	7.2	268	171	440	-	34	1.2
		outlet	7.9	29	18	70	-	19	0.7
	40 MGD	Inlet	7.2	268	171	440	-	34	1.2
		Outlet	7.8	17	11	50	-	16	0.4
Keshopur	12 MGD	Inlet	7.2	372	173	522	10.4	30	3.1
		outlet	7.5	16	9	36	Nil	4	1.8
	40 MGD	Inlet	7.2	384	172	542	12	29	3.2
		outlet	7.5	56	46	156	1.8	30	2.8
	20 MGD	Inlet	7.2	384	172	542	12	29	3.2
		outlet	7.4	212	181	520	5.8	27	2.9
PappanKalan	20 MGD Phase-I	Inlet	7.3	195	190	-	-	24	2.4
		outlet	7.5	17	20	-	-	20	0.8
	20 MGD Phase-II	Inlet	7.3	195	190	-	-	24	2.4
		outlet	7.5	2.5	2	-	-	3	1.8
Corronation pillar	20 MGD Phase-I & II	Inlet	7	248	210	396	5.8	34	1.8
		outlet	7.4	76	38	105	2.6	28	1
	10 MGD Phase-III	Inlet	7.2	380	320	468	-	46	2.2
		outlet	7.5	49	28	104	-	25	1.2

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Name of the Plant	Capacity (in MGD)	16.02.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	49	28	112
	45 MGD	46	23	104
	37 MGD	44	22	96
	16 MGD	41	23	96
Kondli	25 MGD Pahse-II	15	9	32
	45 MGD Phase-IV	39	22	88
Chilla	9 MGD	8	3	16
CWG Village	1 MGD	Bdl	Bdl	Bdl
Yamuna Vihar	10 MGD Phase-I	43	28	87
	25 MGD Phase-III	25	18	78
Rithala	40 MGD Phase-I	29	18	70
	40 MGD Phase-II	17	11	50
Keshopur	12 MGD	16	9	36
	40 MGD	56	46	156
	20 MGD	212	181	520
PappanKalan	20 MGD Phase-I	17	20	-
	20 MGD Phase-II	2.5	2	-
Corronation pillar	20 MGD Pahse-I & II	76	38	105
	10 MGD Pahse-III	49	28	104



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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	12 MGD	Inlet	7.4	274	255	448	-	40	1.8
		outlet	7.6	47	25	104	-	37	1
	45 MGD	Inlet	7.4	288	215	480	-	42	1.6
		outlet	7.5	40	23	96	-	38	0.8
	37 MGD	Inlet	7.4	288	215	480	-	42	1.6
		outlet	7.6	38	22	88	-	38	0.8
	16 MGD	Inlet	7.4	288	215	480	-	42	1.6
		outlet	7.6	37	20	80	-	40	0.6
Kondli	25 MGD Phase-II	Inlet	7.3	288	177	310	21.6	40	7
		outlet	7.6	17	11	39	3.3	24	3.2
	45 MGD Phase-IV	Inlet	7.2	322	194	314	25	37	6.7
		outlet	7.5	37	23	79	5	32	3.8
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	260	192	-	-	60	8
		outlet	7.4	36	21	-	-	35	3.5
	25 MGD Phase-III	Inlet	7.2	312	215	-	-	70	7
		outlet	7.5	29	19	-	-	30	4
Rithala	40 MGD	Inlet	7.1	232	164	350	22	28	1.6
		outlet	7.7	28	19	80	5	24	0.7
	40 MGD	Inlet	7.1	232	164	350	22	28	1.6
		Outlet	7.6	19	13	60	3	16	0.5
Keshopur	12 MGD	Inlet	7.2	316	171	-	-	27	3
		outlet	7.5	12	6	-	-	3	1.9
	40 MGD	Inlet	7.2	364	177	-	-	28	3.3
		outlet	7.5	66	40	-	-	28	2.6
	20 MGD	Inlet	7.2	364	177	-	-	28	3.3
		outlet	7.4	188	122	-	-	26	2.8
PappanKalan	20 MGD Phase-I	Inlet	7.3	218	207	-	-	26	3.2
		outlet	7.5	19	24	-	-	22	1.6
	20 MGD Phase-II	Inlet	7.3	218	207	-	-	26	3.2
		outlet	7.6	4	3	-	-	3.2	2
Corronation pillar	20 MGD Phase-I & II	Inlet	7.2	218	195	405	-	36	1.6
		outlet	7.5	60	34	110	-	29	1.1
	10 MGD Phase-III	Inlet	7.1	356	313	418	-	45	2.1
		outlet	7.4	48	29	92	-	28	1.2

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		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	47	25	104
	45 MGD	40	23	96
	37 MGD	38	22	88
	16 MGD	37	20	80
Kondli	25 MGD Pahse-II	17	11	39
	45 MGD Phase-IV	37	23	79
Yamuna Vihar	10 MGD Phase-I	36	21	-
	25 MGD Phase-III	29	19	-
Rithala	40 MGD Phase-I	28	19	80
	40 MGD Phase-II	19	13	60
Keshopur	12 MGD	12	6	-
	40 MGD	66	40	-
	20 MGD	188	122	-
PappanKalan	20 MGD Phase-I	19	24	-
	20 MGD Phase-II	4	3	-
Corronation pillar	20 MGD Pahse-I & II	60	34	110
	10 MGD Pahse-III	48	29	92