



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							18.09.2019		
Name of the Plant	Capacity (in MGD)	Parameter							
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4
		DPPC limits	5.5-9.0	50	30	250	10	50	5
Okhla	12 MGD	Inlet	7.4	268	205	416	-	49	2.7
		outlet	7.6	32	22	88	-	45	1
	Real Time Reading at Outlet								
	45 MGD	Inlet	7.5	234	225	432	-	47	2.9
		outlet	7.7	42	28	112	-	38	2.5
	Real Time Reading at Outlet								
	37 MGD	Inlet	7.5	234	225	432	-	47	2.9
		outlet	7.6	25	18	72	-	35	1.2
	Real Time Reading at Outlet								
	16 MGD	Inlet	7.5	234	225	432	-	47	2.9
outlet		7.8	12	9	48	-	39	0.3	
Real Time Reading at Outlet									
Kondli	25 MGD Phase-II	Inlet	7.3	322	210	342	-	42	5.9
		outlet	7.7	13	8	26	-	31	2.2
	Real Time Reading at Outlet		7.5	16	10	31		18.85	
	45 MGD Phase-IV	Inlet	7.2	274	186	321	-	35	6.2
		outlet	7.6	23	14	54	-	31	2.5
	Real Time Reading at Outlet		7.5	25	23	57		30.66	
Chilla	9 MGD	Inlet	7.2	92	71	118	-	45	6.2
		outlet	7.5	5	2.1	13	-	2.58	3.5
	Real Time Reading at Outlet		7.3	8	3.15	18		5.1	
CWG Village	1 MGD	Inlet	7.2	136	104	154	-	34	5.3
		outlet	7.7	1	0.6	1.6	-	0.08	2.2
	Real Time Reading at Outlet		7.6	0.16	0.12	1.62		0.28	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	320	196	-	-	55	5.5
		outlet	7.5	49	28	-	-	20	2.5
	Real Time Reading at Outlet		7.3	45	18	71		20	
	10 MGD Phase-II	Inlet	7.1	256	159	-	-	55	5.5
		outlet	7.5	28	16	-	-	15	2
	Real Time Reading at Outlet								
	25 MGD Phase-III	Inlet	7.2	440	267	-	-	65	6
outlet		7.5	34	23	-	-	25	2.5	
Real Time Reading at Outlet		7.6	44	22	71		25		
Rithala	40 MGD	Inlet	7.2	236	153	390	-	34	1.4
		outlet	7.8	30	18	90	-	22	1
	Real Time Reading at Outlet		7.75	23.95	14.93	60.68		15.35	
	40 MGD	Inlet	7.2	236	153	390	-	34	1.4
		Outlet	7.6	20	14	70	-	16	0.6
Real Time Reading at Outlet		7.47	17.67	7.82	58.1		15.26		
	12 MGD	Inlet	7.3	352	187	-	-	29	3
		outlet	7.7	12	6	-	-	4	2.1
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA

Keshopur	40 MGD	Inlet	7.3	448	195	-	-	31	3.2
		outlet	7.5	102	98	-	-	28	2.9
	Real Time Reading at Outlet		7.18	119.45	100.37	231	-	62.3	-
	20 MGD	Inlet	7.3	448	195	-	-	31	3.2
		outlet	7.6	64	72	-	-	27	2.8
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
Nilothe	40 MGD Phase-I	Inlet	7.2	242	127	-	-	26	2.8
		outlet	7.5	56	32	-	-	16	1.9
	Real Time Reading at Outlet		7.42	75.73	18.7	99.53	-	18.54	-
Pappankalan	20 MGD Phase-II	Inlet	7.2	338	192	610	14.2	34	5.2
		outlet	7.7	78	41	140	0.9	16	0.8
	Real Time Reading at Outlet		7.26	42.05	39.18	64.72	-	21.5	-
	20 MGD Phase-II	Inlet	7.3	342	196	620	15	36	5.2
		outlet	7.5	5	4	20	0	1.2	3.4
	Real Time Reading at Outlet		7.17	8.11	1.5	23.8	-	1.36	-
Najafgarh	5 MGD Phase-II	Inlet	7.4	118	109	-	-	20	4.8
		outlet	7.7	15	11	-	-	6	1.4
	Real Time Reading at Outlet		7.55	34.36	44.49	128.45	-	18.2	-
Corronation pillar	20 MGD Phase-I & II	Inlet	6.9	288	225	454	8.9	35	6
		outlet	7.4	79	54	138	3.8	23	2.9
	Real Time Reading at Outlet		7.2	75	47	108		28	
	10 MGD Phase-III	Inlet	7	380	310	508	-	55	8
		outlet	7.5	55	46	102	-	40	3.6
	Real Time Reading at Outlet		7.4	98	43	167		25	

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Name of the Plant	Capacity (in MGD)	18.09.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	32	22	88
	45 MGD	42	28	112
	37 MGD	25	18	72
	16 MGD	12	9	48
Kondli	25 MGD	13	8	26
	45 MGD	23	14	54
Chilla	9 MGD	5	2.1	13
CWG Village	1 MGD	1	0.6	1.6
Yamuna Vihar	10 MGD	49	28	-
	10 MGD	28	16	-
	25 MGD	34	23	-
Rithala	40 MGD	30	18	90
	40 MGD	20	14	70
Keshopur	12 MGD	12	6	-
	40 MGD	102	98	-
	20 MGD	64	72	-
Nilothi	40 MGD	56	32	-
Najafgarh	5 MGD	15	11	-
Pappankalan	20 MGD	78	41	140
	20 MGD	5	4	20
Corronation pillar	20 MGD	79	54	138
	10 MGD	55	46	102



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Parameters of STPs of Delhi as on							19.09.2019		
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	254	175	384	-	47	2.5
		outlet	7.8	29	21	88	-	32	0.6
	Real Time Reading at Outlet		7.44	30	27	128		11	
	45 MGD	Inlet	7.5	248	175	400	-	45	2.7
		outlet	7.7	35	22	16	-	30	2.2
	Real Time Reading at Outlet		7.25	19	12	48		28	
	37 MGD	Inlet	7.5	248	175	400	-	45	2.7
		outlet	7.8	18	13	48	-	35	2.2
	Real Time Reading at Outlet		7.52	40	23	89		33	
	16 MGD	Inlet	7.5	248	175	400	-	45	2.7
outlet		7.8	5	4	16	-	30	0.5	
Real Time Reading at Outlet		6.91	11	7	37		7.87		
Kondli	25 MGD Phase-II	Inlet	7.2	385	217	398	-	40	6
		outlet	7.7	12	7	32	-	27	1.8
	Real Time Reading at Outlet		7.5	16	10	32		18.3	
	45 MGD Phase-IV	Inlet	7.2	256	145	272	-	40	5.9
		outlet	7.6	25	15	58	-	34	2.4
	Real Time Reading at Outlet		7.5	26	25	64		31.24	
Chilla	9 MGD	Inlet	7.1	136	96	144	-	47	6.8
		outlet	7.4	9	3	22	-	3.08	3.5
	Real Time Reading at Outlet		7.3	8	3.16	18		5.28	
CWG Village	1 MGD	Inlet	7.1	220	144	238	-	24	5.2
		outlet	7.7	1	0.33	2.4	-	0.08	1.9
	Real Time Reading at Outlet		7.8	0.17	0.13	1.58		0.1	
Yamuna Vihar	10 MGD Phase-I	Inlet	7	324	203	536	-	55	5
		outlet	7.5	37	23	96	-	40	2.5
	Real Time Reading at Outlet		7.3	42	18	71		20	
	10 MGD Phase-II	Inlet	7.2	248	193	464	-	40	5.5
		outlet	7.6	26	18	56	-	20	3.5
	Real Time Reading at Outlet								
	25 MGD Phase-III	Inlet	7.2	420	244	584	-	60	6.5
outlet		7.6	45	30	136	-	35	3.5	
Real Time Reading at Outlet		7.3	32	22	65		25		
Rithala	40 MGD	Inlet	7.4	252	161	420	-	42	2.3
		outlet	8	28	17	70	-	31	1.4
	Real Time Reading at Outlet		7.7	30.41	15.88	65.53		18.03	
	40 MGD	Inlet	7.4	252	161	420	-	42	2.3
		Outlet	7.8	17	12	60	-	23	1.4
Real Time Reading at Outlet		7.42	17.67	7.76	59.02		15.15		
	12 MGD	Inlet	7.3	316	276	-	14.2	30	3.2
		outlet	7.6	9	5	-	0	4	2.2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA

Keshopur	40 MGD	Inlet	7.3	452	301	-	16.1	32	3.1
		outlet	7.5	108	131	-	5	27	2.8
	Real Time Reading at Outlet		7.23	126.77	106.88	247.09	-	55.45	-
	20 MGD	Inlet	7.3	452	301	-	16.1	32	3.1
		outlet	7.5	58	77	-	2.8	29	2.7
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
Nilothe	40 MGD Phase-I	Inlet	7.2	252	133	-	-	28	3
		outlet	7.5	60	33	-	-	16	2
	Real Time Reading at Outlet		7.43	94.07	18.45	101.84	-	21.63	-
Pappankalan	20 MGD Phase-II	Inlet	7.3	376	194	640	-	38	5.4
		outlet	7.7	56	38	140	-	18	0.8
	Real Time Reading at Outlet		7.17	34.7	22.2	76.25	-	25.85	-
	20 MGD Phase-II	Inlet	7.3	380	196	620	-	38	5.2
		outlet	7.6	8	6	20	-	2.5	3.4
	Real Time Reading at Outlet		7.16	9.07	2.29	27.48	-	1.36	-
Najafgarh	5 MGD Phase-II	Inlet	7.3	369	178	780	-	30	4.4
		outlet	7.6	32	20	60	-	12	1.2
	Real Time Reading at Outlet		7.47	34.23	44.48	128.07	-	21.63	-
Corronation pillar	20 MGD Phase-I & II	Inlet	7	290	230	442	-	38	6.3
		outlet	7.5	61	52	124	-	25	3.2
	Real Time Reading at Outlet		7.3	49	42	78		28	
	10 MGD Phase-III	Inlet	7.2	368	305	472	8.3	53	7.8
		outlet	7.6	53	44	108	3.2	38	3.4
	Real Time Reading at Outlet		7.4	64	31	107		24	

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Name of the Plant	Capacity (in MGD)	19.09.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	29	21	88
	45 MGD	35	22	16
	37 MGD	18	13	48
	16 MGD	5	4	16
Kondli	25 MGD	12	7	32
	45 MGD	25	15	58
Chilla	9 MGD	9	3	22
CWG Village	1 MGD	1	0.33	2.4
Yamuna Vihar	10 MGD	37	23	96
	10 MGD	26	18	56
	25 MGD	45	30	136
Rithala	40 MGD	28	17	70
	40 MGD	17	12	60
Keshopur	12 MGD	9	5	-
	40 MGD	108	131	-
	20 MGD	58	77	-
Nilothi	40 MGD	60	33	-
Najafgarh	5 MGD	32	20	60
Pappankalan	20 MGD	56	38	140
	20 MGD	8	6	20
Corronation pillar	20 MGD	61	52	124
	10 MGD	53	44	108



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Parameters of STPs of Delhi as on							20.09.2019		
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	290	198	394	-	41	1.2
		outlet	7.7	34	24	96	-	37	0.5
	Real Time Reading at Outlet		7.4	31	25	121		12	
	45 MGD	Inlet	7.6	274	205	400	-	40	1.7
		outlet	7.7	33	23	88	-	32	1
	Real Time Reading at Outlet		7.44	34	21	79		38	
	37 MGD	Inlet	7.6	274	205	400	-	40	1.7
		outlet	7.8	20	19	64	-	36	2.1
	Real Time Reading at Outlet		7.22	24	17	76		28	
	16 MGD	Inlet	7.6	274	205	400	-	40	1.7
outlet		7.9	11	7	24	-	35	0.3	
Real Time Reading at Outlet		7.85	11	5.44	32		6		
Kondli	25 MGD Phase-II	Inlet	7.2	308	212	326	-	40	6.4
		outlet	7.7	12	6	28	-	28	1.5
	Real Time Reading at Outlet		7.5	16	10	32		17.82	
	45 MGD Phase-IV	Inlet	7.2	296	187	314	-	42.5	6.8
		outlet	7.5	22	13	48	-	32	2.6
	Real Time Reading at Outlet		7.5	26	26	66		28.05	
Chilla	9 MGD	Inlet	7.1	188	124	218	-	46	6.9
		outlet	7.4	9	3.8	26	-	2.72	3.2
	Real Time Reading at Outlet		7.3	7	3.03	17		5.2	
CWG Village	1 MGD	Inlet	7.2	156	119	168	-	26	5
		outlet	7.7	1	0.47	1.6	-	0.1	1.7
	Real Time Reading at Outlet		7.4	0.17	0.14	1.61		0.25	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	340	218	-	3.2	60	2.5
		outlet	7.5	35	22	-	2.4	40	1
	Real Time Reading at Outlet		7.3	43	18	74		20	
	10 MGD Phase-II	Inlet	7.3	296	202	-	4.8	40	2.5
		outlet	7.6	28	21	-	1.6	15	1.5
	Real Time Reading at Outlet		7.4	22	11	49		10	
	25 MGD Phase-III	Inlet	7.2	284	232	-	4.8	55	3.5
outlet		7.5	25	29	-	1.2	45	2	
Real Time Reading at Outlet		7.5	35	21	68		25		
Rithala	40 MGD	Inlet	7.2	304	179	440	-	31	1.2
		outlet	7.8	29	17	80	-	20	0.7
	Real Time Reading at Outlet		7.6	50.82	18.4	78.22		20.43	
	40 MGD	Inlet	7.2	304	179	440	-	31	1.2
		Outlet	7.6	18	13	60	-	15	0.5
Real Time Reading at Outlet		7.39	17.65	11.8	61.83		15.09		
	12 MGD	Inlet	7.3	312	207	560	-	33	3.1
		outlet	7.7	8	4	28	-	2	2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA

Keshopur	40 MGD	Inlet	7.3	520	239	667	-	32	3.4
		outlet	7.5	94	97	224	-	28	2.9
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	20 MGD	Inlet	7.3	520	239	667	-	32	3.4
		outlet	7.6	62	69	212	-	24	2.7
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
Nilothi	40 MGD Phase-I	Inlet	7.2	228	132	446	-	28	3
		outlet	7.5	57	33	116	-	18	2.2
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
Pappankalan	20 MGD Phase-II	Inlet	7.2	498	206	-	18	38	5.4
		outlet	7.6	61	39	-	0.4	18	0.3
	Real Time Reading at Outlet		NA	NA	NA	NA	NA	NA	NA
	20 MGD Phase-II	Inlet	7.3	380	292	-	-	42	5.2
		outlet	7.6	10	8	-	-	3.2	3.4
	Real Time Reading at Outlet		7.16	8.93	1.53	24.64	-	1.34	-
Najafgarh	5 MGD Phase-II	Inlet	7.3	244	168	-	9	38	4.8
		outlet	7.6	19	17	-	0	7	0.8
	Real Time Reading at Outlet		7.53	34.28	44.61	128.48	-	21.11	-
Corronation pillar	20 MGD Phase-I & II	Inlet	6.9	310	280	452	9	36	7.3
		outlet	7.4	71	62	136	3.8	22	3.4
	Real Time Reading at Outlet		7.3	48	41	77		28	
	10 MGD Phase-III	Inlet	7.1	342	323	484	-	54	8.1
		outlet	7.5	56	54	122	-	37	4
	Real Time Reading at Outlet		7.4	63	33	116		23	
Narela	10 MGD Phase-III	Inlet	7.2	218	215	354	9.4	58	7
		outlet	7.5	54	48	106	4	40	3.5
	Real Time Reading at Outlet		7.4	80	35	133		27	

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Name of the Plant	Capacity (in MGD)	20.09.2019		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC limits	50	30	250
Okhla	12 MGD	34	24	96
	45 MGD	33	23	88
	37 MGD	20	19	64
	16 MGD	11	7	24
Kondli	25 MGD	12	6	28
	45 MGD	22	13	48
Chilla	9 MGD	9	3.8	26
CWG Village	1 MGD	1	0.47	1.6
Yamuna Vihar	10 MGD	35	22	-
	10 MGD	28	21	-
	25 MGD	25	29	-
Rithala	40 MGD	29	17	80
	40 MGD	18	13	60
Keshopur	12 MGD	8	4	28
	40 MGD	94	97	224
	20 MGD	62	69	212
Nilothi	40 MGD	57	33	116
Najafgarh	5 MGD	19	17	-
Pappankalan	20 MGD	61	39	-
	20 MGD	10	8	-
Corronation pillar	20 MGD	71	62	136
	10 MGD	56	54	122
Narela	10 MGD	54	48	106