

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							01.07.21			
Name of the Plant	Capacity (in MGD)	Parameter								
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4	Daily Flow (MGD)
		DPCC limits	5.5-9.0	50	30	250	10	50	5	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.2	260	168			45	4.5	7.93
		outlet	7.4	38	22			30	2.5	
	Real Time Reading at Outlet									
	10 MGD Phase-II	Inlet	7.0	208	149			35	4.5	5.63
		outlet	7.4	48	28			15	2.0	
	Real Time Reading at Outlet									
	25 MGD Phase-III	Inlet	7.3	436	275			55	5.0	16.46
		outlet	7.5	57	37			30	3.5	
	Real Time Reading at Outlet									
Rithala	40 MGD	Inlet	The O&M of the STP Rithala has been stopped since 01.04.2021 as per EE(SDW)IX order no DJB/EE(SDW)IX/2021/4072 Dt. 23.03.2021. The flow is now bypass through the by pass channel.							
		outlet								
	Real Time Reading at Outlet									
	40 MGD	Inlet	7.2	244	155	380		28	1.4	
		Outlet	7.7	11	11	40		13	0.5	38.84
	Real Time Reading at Outlet		7.58	12.32	8.29	23.16		12.24		
Corronation Pillar	20 MGD Phase-I & II	Inlet	7.2	234	255	354	7.2	31	9.5	15.55
		outlet	7.5	64	68	216	3	23	4.8	-
	Real Time Reading at Outlet									
	10 MGD Phase-III	Inlet	7.1	376	318	652	-	49	18.4	4.48
		outlet	7.6	76	88	310	-	41	9	-
	Real Time Reading at Outlet									
Rohini	15 MGD	Inlet	7.1	340	195			50	7.5	7.88
		Outlet	7.6	24	14			17	3	
	Real Time Reading at Outlet									
Keshopur	12 MGD (PH-I)	Inlet	7.3	284	-	-	-	29	2.8	
		Outlet	7.7	10	-	-	-	2	2.9	
	Real time reading at OUTLET(online)									
	20 MGD (PH-II)	Inlet	7.3	392	-	-	-	31	3.1	
		Outlet	7.5	62	-	-	-	27	2.6	
	Real Time Reading at Outlet									
	40 MGD (PH-III)	Inlet	7.3	392	-	-	-	31	3.1	
		Outlet	7.6	112	-	-	-	32	2.9	
	Real Time Reading at Outlet									
Nilothi	40 MGD (PH-I)	Inlet	7.3	236	-	-	-	22	2	
		Outlet	7.3	120	-	-	-	17	2.2	
	Real Time Reading at Outlet									
	20 MGD (PH-II)	Inlet	7.3	276	-	-	-	26	2.6	
		Outlet	7.5	8	-	-	-	4	1.6	
	Real Time Reading at Outlet									

Pappankalan	(20 MGD)	Inlet	7.3	364	231	-	-	35	3.8	
	PH-I	Outlet	7.7	39	24	-	-	24	1	
	Real Time Reading at Outlet									
	(20 MGD)	Inlet	7.3	364	231	-	-	35	3.8	
	PH-II	Outlet	7.7	7	5	-	-	14	1.4	
	Real Time Reading at Outlet									
Najafgarh	(05 MGD)	Inlet	7.3	368	234	-	-	32	3.4	
		Outlet	7.8	32	20	-	-	21	1.4	
	Real Time Reading at Outlet									
Okhla	12 MGD	Inlet	7.7	292	170	410	6	40	2	-
		outlet	7.9	47	26	90	1	38	1.5	6.02
	Real Time Reading at Outlet									
	45 MGD	Inlet	7.5	262	168	400	6	38	1.8	-
		outlet	7.9	39	22	80	1	30	1	35.12
	Real Time Reading at Outlet									
	37 MGD	Inlet	7.5	262	168	400	6	38	1.8	-
		outlet	7.9	33	19	60	2	34	0.8	22.31
	Real Time Reading at Outlet									
	16 MGD	Inlet	7.5	262	168	400	6	38	1.8	-
		outlet	7.8	26	16	50	1	32	0.9	11.25
	Real Time Reading at Outlet									

OFFICE OF THE DIRECTOR (T&QC) DELHI JAL BOARD: GOVT. OF NCT OF DELHI WATER WORKS WAZIRABAD:DELHI-110054				
Name of the Plant	Capacity (in MGD)	01.07.21		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC Limit	50	30	250
Yamuna Vihar	10 MGD Phase-I	38	22	-
	10 MGD Phase-II	48	28	-
	25 MGD Phase-III	57	37	-
Rithala	40 MGD	11	11	40
Corronation pillar	20 MGD Phase-I &II	64	68	216
	10 MGD Phase-III	76	88	310
Rohini	15 MGD	24	14	-
Pappankalan	(20 MGD)	39	24	-
	(20 MGD)	7	5	-
Najafgarh	05 MGD	32	20	-
Okhla	12 MGD	47	26	90
	45 MGD	39	22	80
	37 MGD	33	19	60
	16 MGD	26	16	50

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							02.07.21			
Name of the Plant	Capacity (in MGD)	Parameter								
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4	Daily Flow (MGD)
		DPCC limits	5.5-9.0	50	30	250	10	50	5	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.3	340	174	576	17.6	55	5.5	8.10
		outlet	7.5	31	18	86	3.2	40	3.0	
	Real Time Reading at Outlet									
	10 MGD Phase-II	Inlet	7.2	464	273	614	20.4	35	5.0	5.69
		outlet	7.5	38	23	96	4.8	25	2.5	
	Real Time Reading at Outlet									
	25 MGD Phase-III	Inlet	7.2	796	460	1326	24.4	55	6.0	16.21
		outlet	7.5	54	32	136	7.2	40	4.0	
Real Time Reading at Outlet										
Rithala	40 MGD	Inlet	The O&M of the STP Rithala has been stopped since 01.04.2021 as per EE(SDW)IX order no DJB/EE(SDW)IX/2021/4072 Dt. 23.03.2021. The flow is now bypass through the by pass channel.							
		outlet								
	Real Time Reading at Outlet									
	40 MGD	Inlet	7.1	244	157	340		31	0.9	
		Outlet	7.5	14	12	40		13	0.4	39.53
	Real Time Reading at Outlet		7.62	12.32	8.52	24.04		12.32		
Corronation Pillar	20 MGD Phase-I & II	Inlet	7.2	176	185	324	-	24	7.4	16.378
		outlet	7.6	60	62	204	-	21	6.2	-
	Real Time Reading at Outlet									
	10 MGD Phase-III	Inlet	7.1	296	290	486	8.4	33	16.8	4.62
		outlet	7.5	70	75	270	4.2	30	8.4	-
	Real Time Reading at Outlet									
Rohini	15 MGD	Inlet	7.1	392	228	595		48	7	7.4
		Outlet	7.5	26	15	64		14	3.5	
	Real Time Reading at Outlet									
Keshopur	12 MGD	Inlet	7.3	288	166	-	-	30	3.2	
	(PH-I)	Outlet	7.7	13	5	-	-	1	3.3	
	Real time reading at OUTLET(online)									
	20 MGD (PH-II)	Inlet	7.3	376	215	-	-	31	2.9	
		Outlet	7.6	70	76	-	-	26	2.8	
	Real Time Reading at Outlet									
	40 MGD (PH-III)	Inlet	7.3	376	215	-	-	31	2.9	
		Outlet	7.6	98	85	-	-	28	2.7	
	Real Time Reading at Outlet									
Nilothi	40 MGD (PH-I)	Inlet	7.2	196	130	-	3.6	20	3	
		Outlet	7.4	128	58	-	1.1	17	2.7	
	Real Time Reading at Outlet									
	20 MGD (PH-II)	Inlet	7.4	284	163	-	5.6	34	2.9	
		Outlet	7.5	12	5	-	-	5	1.6	
	Real Time Reading at Outlet									

Pappankalan	(20 MGD)	Inlet	7.3	382	238	680	-	34	3.6	
	PH-I	Outlet	7.8	34	26	110	-	22	0.9	
	Real Time Reading at Outlet									
	(20 MGD)	Inlet	7.3	382	238	680	-	34	3.6	
	PH-II	Outlet	7.8	6	5	40	-	14	1.2	
	Real Time Reading at Outlet									
Najafgarh	(05 MGD)	Inlet	7.3	342	226	560	-	32	3.7	
		Outlet	7.7	30	19	80	-	20	1.5	
	Real Time Reading at Outlet									
Okhla	12 MGD	Inlet	7.3	268	168	400	7	39	2.6	-
		outlet	7.7	32	15	60	1	36	1.3	8.02
	Real Time Reading at Outlet									
	45 MGD	Inlet	7.5	274	158	410	7	41	2.4	-
		outlet	7.7	30	16	60	1	34	1.2	37.49
	Real Time Reading at Outlet									
	37 MGD	Inlet	7.5	274	158	410	7	41	2.4	-
		outlet	7.8	22	13	50	2	35	1.2	27.63
	Real Time Reading at Outlet									
	16 MGD	Inlet	7.5	274	158	410	7	41	2.4	-
		outlet	7.8	35	18	70	1	33	1.1	14.23
	Real Time Reading at Outlet									

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Name of the Plant	Capacity (in MGD)	02.07.21		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC Limit	50	30	250
Yamuna Vihar	10 MGD Phase-I	31	18	86
	10 MGD Phase-II	38	23	96
	25 MGD Phase-III	54	32	136
Rithala	40 MGD	14	12	40
Corronation pillar	20 MGD Phase-I &II	60	62	204
	10 MGD Phase-III	70	75	270
Rohini	15 MGD	26	15	64
Keshopur	12 MGD	13	5	-
	20 MGD	70	76	-
	40 MGD	98	85	-
Nilothi	40 MGD	128	58	-
	20 MGD	12	5	-
Pappankalan	(20 MGD)	34	26	110
	(20 MGD)	6	5	40
Najafgarh	05 MGD	30	19	80
Okhla	12 MGD	32	15	60
	45 MGD	30	16	60
	37 MGD	22	13	50
	16 MGD	35	18	70

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

03.07.21

Name of the Plant	Capacity (in MGD)	Parameter								
			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	O&G	NH4-H	PO4	Daily Flow (MGD)
		DPCC limits	5.5-9.0	50	30	250	10	50	5	
Yamuna Vihar	10 MGD Phase-I	Inlet	7.1	400	263			45	6.0	8.22
		outlet	7.4	24	16			35	3.5	
	Real Time Reading at Outlet									
	10 MGD Phase-II	Inlet	7.1	364	246			30	5.5	7.85
		outlet	7.4	23	12			20	3.0	
	Real Time Reading at Outlet									
	25 MGD Phase-III	Inlet	7.0	640	404			35	5.5	18.74
		outlet	7.4	39	23			20	3.5	
	Real Time Reading at Outlet									
Rithala	40 MGD	Inlet	The O&M of the STP Rithala has been stopped since 01.04.2021 as per EE(SDW)IX order no DJB/EE(SDW)IX/2021/4072 Dt. 23.03.2021. The flow is now bypass through the by pass channel.							
		outlet								
	Real Time Reading at Outlet									
	40 MGD	Inlet	7.0	228	151	310		26	0.7	
		Outlet	7.4	11	10	30		12	0.2	40.28
	Real Time Reading at Outlet		7.58	12.34	8.32	23.46		12.24		
Corronation Pillar	20 MGD Phase-I & II	Inlet	6.9	184	198	348	4.8	30	10.8	16.861
		outlet	7.4	58	55	208	2.2	28	7.2	-
	Real Time Reading at Outlet									
	10 MGD Phase-III	Inlet	7.3	464	310	642	-	38	15.8	4.79
		outlet	7.7	82	90	286	-	35	9.4	-
	Real Time Reading at Outlet									
Rohini	15 MGD	Inlet	7.2	264	170	429		52	8.5	7.95
		Outlet	7.6	18	11	74		16	3.5	
	Real Time Reading at Outlet									
Keshopur	12 MGD (PH-I)	Inlet	7.4	264	189	520	7.8	34	2.6	
		Outlet	7.7	16	8	38	-	3	3.3	
	Real time reading at OUTLET(online)									
	20 MGD (PH-II)	Inlet	7.3	340	216	697	8.4	31	2.9	
		Outlet	7.5	70	91	280	1.6	32	2.7	
	Real Time Reading at Outlet									
	40 MGD (PH-III)	Inlet	7.3	340	216	697	8.4	31	2.9	
		Outlet	7.5	110	96	340	3.3	28	2.8	
	Real Time Reading at Outlet									
Nilothi	40 MGD (PH-I)	Inlet	7.3	220	146	-	-	24	2.8	
		Outlet	7.4	116	67	-	-	20	2.6	
	Real Time Reading at Outlet									
	20 MGD (PH-II)	Inlet	7.3	276	162	-	-	28	3	
		Outlet	7.4	8	5	-	-	5	1	
	Real Time Reading at Outlet									

Pappankalan	(20 MGD)	Inlet	7.3	240	178	-	-	32	3.4	
	PH-I	Outlet	7.7	24	15	-	-	24	1.2	
	Real Time Reading at Outlet									
	(20 MGD)	Inlet	7.3	240	178	-	-	32	3.4	
	PH-II	Outlet	7.7	4	3	-	-	13	1.4	
	Real Time Reading at Outlet									
Najafgarh	(05 MGD)	Inlet	7.3	340	204	-	-	32	3.5	
		Outlet	7.6	27	19	-	-	20	1.4	
	Real Time Reading at Outlet									
Okhla	12 MGD	Inlet	7.4	250	153	360	5	38	1.8	-
		outlet	7.9	28	17	60	1	34	0.6	6.35
	Real Time Reading at Outlet									
	45 MGD	Inlet	7.5	252	152	340	6	36	1.8	-
		outlet	7.8	32	20	70	1	30	0.8	35.62
	Real Time Reading at Outlet									
	37 MGD	Inlet	7.5	252	152	340	6	36	1.8	-
		outlet	7.8	25	15	50	1	28	0.4	23.12
	Real Time Reading at Outlet									
	16 MGD	Inlet	7.5	252	152	340	6	36	1.8	-
		outlet	7.8	35	21	70	1	32	0.8	12.06
	Real Time Reading at Outlet									

OFFICE OF THE DIRECTOR (T&QC) DELHI JAL BOARD: GOVT. OF NCT OF DELHI WATER WORKS WAZIRABAD:DELHI-110054				
Name of the Plant	Capacity (in MGD)	03.07.21		
		TSS (mg/l)	BOD (mg/l)	COD (mg/l)
	DPCC Limit	50	30	250
Yamuna Vihar	10 MGD Phase-I	24	16	-
	10 MGD Phase-II	23	12	-
	25 MGD Phase-III	39	23	-
Rithala	40 MGD	11	10	30
Corronation pillar	20 MGD Phase-I &II	58	55	208
	10 MGD Phase-III	82	90	286
Rohini	15 MGD	18	11	74
Keshopur	12 MGD	16	8	38
	20 MGD	70	91	280
	40 MGD	110	96	340
Nilothi	40 MGD	116	67	-
	20 MGD	8	5	-
Pappankalan	(20 MGD)	24	15	-
	(20 MGD)	4	3	-
Najafgarh	05 MGD	27	19	-
Okhla	12 MGD	28	17	60
	45 MGD	32	20	70
	37 MGD	25	15	50
	16 MGD	35	21	70