



DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, GOVT. OF NCT OF DELHI
5thFLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006
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F.No. DPCC/WMC-II/Status Report/OA 606 of 2018/2019/ 4677 - 4679 Dated: 04-12-2020

To,

Ms. Divya Sinha
Addl. Director and DH-UPC-II
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi-110032

Subject: Information in respect of Delhi sought by CPCB for submission of Compliance report in the matter of OA No. 606/2018.

Madam,

This has reference to your letter F.No. B-17011/7/MSW/2019 dated 17.11.2020 regarding the abovementioned subject. Please find enclosed herewith information in prescribed formats of CPCB in respect of following for the quarter ending June, 2020 and September, 2020:

- a) Solid Waste Management
- b) Sewage Treatment
- c) Restoration of 351 polluted river stretches
- d) Air quality management in 102 (122) non- attainment cities.

Yours faithfully

(Dr. K.S. Jayachandran)
Member Secretary

Enclosure: As Above

Copy to:

1. Staff Officer to Chief Secretary, Govt. of NCT of Delhi, 5th Level, Delhi Secretariat, I.P. Estate, Delhi- 110002
2. PA to Chairman, DPCC

**Report of Govt. of NCT of Delhi for
the Quarter (July to September,
2020) for submission of Compliance
report in the matter of OA No.
606/2018.**

Solid Waste Management Information in respect of Delhi for the Quarter ending September, 2020

Remarks

S.N.	Questions	5		North DMC			East DMC			South DMC			NDMC			DCB					
1	Numbers of ULBs	5																			
2	Over all waste management status in States/UTs	Delhi																			
a	Quantity of MSW generated (TPD)	11020.768		4500			2700			3500			248.768			72					
b	Quantity of MSW collected (TPD)	11,020.77		4500			2700			3500			248.768			72					
c	Quantity of MSW segregated & transported (TPD)	4770.768		2300			350			1800			248.768			72					
d	Quantity of MSW processed (TPD)	5680.768		2300 (including 400* TPD rejects disposed in SLF at Bawana)			1275			1811			248.768			46					
e	Quantity of MSW disposed in secured land fill site (TPD)	400*		400*			0			0			0			0					
f	Gap in Solid Waste Management UTs (TPD) [(a)-(d)-(e)]	5340 [11020.768 - 5680.768]		2200			1425			1689			0			26					
g	Solid Waste Management Plan																				
3	Waste Collection	Existing	Target	Gap	Time frame	Existing	Target	Gap	Time frame	Existing	Target	Gap	Time frame	Existing	Target	Gap	Time frame				
a	ULBs in which waste door-to-door collection is implemented.(No.)	5	5	0	EDMC - 30.06.2021	104 Wards	104 Wards	0	N.A.	64 Wards	64 Wards	0	30.06.2021	104 Wards	104 Wards	0	N.A.	8 Wards	8 Wards	0	N.A.
b	ULBs in which segregation of waste is implemented (No.)	5	5	0	North DMC - 31.03.2021 EDMC & SDMC - 30.06.2021	3 Wards	31 Wards	28 Wards	31.03.2021	1	1	0	30.06.2021	58 Wards	104 Wards	46 Wards	30.06.2021	14 Circles	14 Circles	0	N.A.
c	ULBs in which transportation of segregated waste is implemented (No.)	5	5	0	North DMC - 31.03.2021 EDMC - 30.06.2021	3 Wards	31 Wards	28 Wards	31.03.2021	1	1	0	30.06.2021	104 Wards	104 Wards	0	N.A.	14 Circles	14 Circles	0	N.A.

Solid Waste Management Information in respect of Delhi for the Quarter ending September, 2020

4	Waste Processing	Delhi			North DMC			East DMC			South DMC			NDMC		DCB											
		(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(iii)	(i)	(ii)	(i)	(ii)										
a	Material Recovery facilities	Total Capacity (TPD)	220	-	-	-	-	21	-	-	-	140	-	-	-	-	50	N.A.	0	N.A.							
		Number	113	-	-	-	-	1	-	-	-	99	-	-	-	-	11	N.A.	0	N.A.							
		Number of ULBs covered	4	-	-	-	-	1	-	-	-	1	-	-	-	-	1	N.A.	0	N.A.							
b	Recycling	Total Capacity (TPD)	247.45	-	-	-	-	-	-	-	-	218.45	-	-	-	9	-	-	20	N.A.	0	N.A.					
		Number	4	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	1	N.A.	0	N.A.					
		Number of ULBs covered	3	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	N.A.	0	N.A.					
c	Composting	Total Capacity (TPD)	1043.615	1798.615	755	-	753	1506	753	-	9	10	-	1	203	204	1	31.03.2021	78.615	78.615	0	-	-	-			
		Number	100	105	5	-	4	7	3	-	9	10	-	1	4	5	1	31.03.2021	83	(118 Compost Pits, 23 OWC & 6 Biogas)	1	0	-	1	-	-	
		Number of ULBs covered	5	5	0	-	1	1	0	-	1	1	-	0	3	3	0	31.03.2021	1	1	0	-	1	-	-		
d	Biomehanation	Total Capacity (TPD)	36.95	56.95	20	31.01.2021	10	20	10	31.12.2020	5	10	-	5	30.12.2020	15	20	5	31.01.2021	6.95	6.95	0	-	N.A.	Refer 4(c) above		
		Number	11	4	2	31.01.2021	2	4	2	31.12.2020	1	2	-	1	30.12.2020	3	4	1	31.01.2021	5	5	0	-	-	-		
		Number of ULBs covered	5	5	0	31.01.2021	1	1	0	31.12.2020	1	1	-	0	1	1	1	0	-	1	1	0	-	1	-	-	
e	RDF	Total Capacity (TPD)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N.A.	Refer 4(f) below	
		Number	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Number of ULBs covered	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f	Waste to Energy Plants	Total Capacity (TPD)	4550	8150	3600	30.09.2022	1300	2700	1400	31.03.2022	1300	2500	-	1200	30.09.2021	1950	2950	2000	31.12.2021	-	-	-	-	-	-	Dry waste is transported to Okhla Waste to Energy Plant	
		Number	3	6	3	30.09.2022	1	2	1	31.03.2022	1	2	-	1	30.09.2021	1	2	1	31.12.2021	-	-	-	-	-	-	-	
		Number of ULBs covered	5	5	0	30.09.2022	1	1	0	1	1	1	-	0	30.09.2021	3	3	0	31.12.2021	-	-	-	-	-	-	-	

Solid Waste Management Information in respect of Delhi for the Quarter ending September, 2020

Item	Delhi			North DMC			East DMC			South DMC			NDMC		DCB		
	Present Status	Status at the time of last hearing	Whether directed timelines have been adhered or not ?	Present Status	Status at the time of last hearing	Whether directed timelines have been adhered or not ?	Present Status	Status at the time of last hearing	Whether directed timelines have been adhered or not ?	Present Status	Status at the time of last hearing	Whether directed timelines have been adhered or not ?	Present Status	Status at the time of last hearing	Whether directed timelines have been adhered or not ?		
1	Door-to-door collection (%)	Refer information provided by Urban Local Bodies in subsequent columns		100	100	Yes	33	20	Yes	100	100	Yes	100	-	100	100	Yes
2	Source segregation of waste (%)	Refer information provided by Urban Local Bodies in subsequent columns		3	-	-	33	20	Yes	55.7	55.7	-	100	-	100	90	Yes
3	Waste Processing (TPD)	5680.768	5313.822	-	2300	2000	1275	1275	-	1811	1806	-	248.768	188.81	46	44	Yes
4	Dumpsites capped (No.)	0	0	-	0	0	0	0	-	0	0	-	N.A.	-	N.A.	N.A.	N.A.
5	Dumpsites Bio-remediated (No.)	3 (Bioremediation is being done)	3 (Bioremediation is being done)	1 (Bioremediation is being done)	1 (Bioremediation is being done)	1 (Bioremediation is being done)	1 (Bioremediation is being done)	1 (Bioremediation is being done)	-	1 (Bioremediation is being done)	1 (Bioremediation is being done)	-	N.A.	-	N.A.	N.A.	N.A.

**Information in respect of Delhi in the format of CPCB for Sewage Management
for the Quarter ending September, 2020**

S. No	Action Point	A	B	C=A-B	D
		Existing Status	Desired/Projected	Gap	Timeline
1.	Estimated Sewage Generation (MLD)	3273	3273	0	NA
2.	Treatment Capacity (Projection for 5 Years to be taken into consideration (MLD)	2715	3214	- 499	December, 2022
3.	Status of Sewerage System (in Km.)	8400	14800*	- 6400	2031 (in phased manner)
4.	No. of STPs (Details of operational STPs is at Annexure-1)	35	38	- 03	--
5.	Has bulk user identified for reuse for treated water such as Industrial Clusters, Metro Rail, Indian Railways, Infrastructure Projects, Agriculture, Bus Depots and PWD ? (Y/N)	Yes	Yes	--	--
6.	Quantity of treated waste water being used by bulk user (in MLD) [For whole DJB]	576.23	968.09	- 391.86	December, 2022
	DDA	68.79	78	- 9.21	
	Industrial Cluster	13.62	13.62	0	
	Metro Rail	--	--	--	
	Indian Railways	--	--	--	
	Infrastructure Projects/PPCL	43	43	0	
	Agriculture/I&FC Deptt.	270.04	352 (Subject to approval from upper Yamuna Board for discharging treated effluent into Jaunti and Haraveli Minor)	-81.96	
	Bus Depots & DTC	0.07	0.07	0	
	CPWD	100	150.16	- 50.16	
	PWD	4.64	4.64	0	
	DJB	47	47	0	
	MCDs, NBCC & Pvt. Agencies	19.0	109.6	- 90.6	
	Forest Department	--	140	- 140	
	Horticulture	10.07	30	-19.93	
7.	No. of Water Aquatic Sources (Lakes, Pond, etc.) being developed through treated waste water.	05	05	0	October, 2021
		100 MLD treated waste water is proposed to be used in Lakes being developed / proposed to be developed at (i) Pappankala (already developed) (ii) Dwarka (iii) Rohini (iv) Timarpur (v) Nilothi			

*As per SMP 2031 to cover the entire un- sewerred areas in Delhi except colonies in O- Zone / NOC yet not received.

Sl. No	City/Town	Location/Name of STP	Coordinates of STP (Latitude / Longitude)	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (in MLD)	Actual Utilization of Installed Capacity (in MLD)	Technology (UASB/ ASP/ OP/ SBR/ MBR/ FAB etc.)	Consent Status	Compliance Status [Based on the Analysis Reports of DPCC Laboratory for the Month of Sept, 2020]							
										Standards for Treated Effluent of STPs of DJB prescribed by DPCC							
										pH (6.5 - 9.0)		TSS (≤ 10 mg/l)		COD (≤ 50 mg/l)		BOD (≤ 10 mg/l)	
1	Delhi	Mehrauli (5 MGD)	28.51/77.19	2003	Operational	22.73	18.25	ASP /Extended Aeration	Valid till 03.10.2023	7.3	Meeting the Prescribed standard	18	Not meeting the Prescribed standard	72	Not meeting the Prescribed standard	18	Not meeting the Prescribed standard
2	Delhi	Okhla, Phase-II (12 MGD)	28.52/77.28	1983	Operational	54.55	30	ASP	Valid till 05.09.2023	7.2	Meeting the Prescribed standard	24	Not meeting the Prescribed standard	40	Meeting the Prescribed standard	10	Meeting the Prescribed standard
3	Delhi	Okhla Phase -III (37 MGD)	28.52/77.28	1993	Operational	168.2	118	ASP	Valid till 29.07.2023	7.3	Meeting the Prescribed standard	38	Not meeting the Prescribed standard	96	Not meeting the Prescribed standard	34	Not meeting the Prescribed standard
4	Delhi	Okhla Phase -IV (45 MGD)	28.52/77.28	1993	Operational	204.57	170	ASP	Valid till 29.07.2023	7.4	Meeting the Prescribed standard	24	Not meeting the Prescribed standard	56	Not meeting the Prescribed standard	20	Not meeting the Prescribed standard
5	Delhi	Okhla Phase -V (16 MGD)	28.52/77.28	2001	Operational	72.74	58	ASP	Valid till 29.07.2023	7.2	Meeting the Prescribed standard	32	Not meeting the Prescribed standard	68	Not meeting the Prescribed standard	22	Not meeting the Prescribed standard
6	Delhi	Okhla Phase -VI (30 MGD)	28.52/77.28	2012	Operational	136.38	134	ASP	Valid till 29.07.2023	7.4	Meeting the Prescribed standard	8	Meeting the Prescribed standard	20	Meeting the Prescribed standard	6	Meeting the Prescribed standard
7	Delhi	Molar Band (0.66 MGD)	28.50/77.30	2003	Operational	3	2.5	FAB	Valid till 31.07.2023	7.4	Meeting the Prescribed standard	36	Not meeting the Prescribed standard	76	Not meeting the Prescribed standard	24	Not meeting the Prescribed standard
8	Delhi	Sen Nursing Home Nallah (2.2 MGD)	28.37/77.15	1998	Operational	10	10	Biofor Dengsadeq	Valid till 17.04.2024	7.1	Meeting the Prescribed standard	4	Meeting the Prescribed standard	8	Meeting the Prescribed standard	3	Meeting the Prescribed standard
9	Delhi	Vasant Kunj (Old) Phase-I (2.2 MGD)	28.31/77.10	1988	Operational	10	7.0	ASP/Extended Aeration	Valid till 19.03.2024	7.1	Meeting the Prescribed standard	16	Not meeting the Prescribed standard	44	Meeting the Prescribed standard	12	Not meeting the Prescribed standard

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										Standards for Treated Effluent of STPs of DJB prescribed by DPCC							
										pH (6.5 - 9.0)		TSS (≤ 10 mg/l)		COD (≤ 50 mg/l)		BOD (≤ 10 mg/l)	
10	Delhi	Vasant Kunj (New) Phase-II (3 MGD)	28.31/ 77.10	1998	Operational	13.64	7.5	ASP/Extended Aeration	Valid till 19.03.2024	7.2	Meeting the Prescribed standard	16	Not meeting the Prescribed standard	44	Meeting the Prescribed standard	10	Meeting the Prescribed standard
11	Delhi	Ghitorni (5 MGD)	28.30/ 77.08	2016	Operational	22.73	6.3	ASP/Extended Aeration	Valid till 19.02.2023	Effluent Sample could not be taken.							
12	Delhi	Delhi Gate Nallah (Old) Phase-I (2.2 MGD)	28.38/ 77.15	1998	Operational	10	10	Biofor Dengsadeq	Valid till 06.06.2023	7.6	Meeting the Prescribed standard	6	Meeting the Prescribed standard	8	Meeting the Prescribed standard	2	Meeting the Prescribed standard
13	Delhi	Delhi Gate Nallah (New) Phase-II (4.5 MGD)	28.38/ 77.15	2016	Operational	68.19	68.19	Biofor Dengsadeq	Valid till 06.06.2023	7.3	Meeting the Prescribed standard	4	Meeting the Prescribed standard	4	Meeting the Prescribed standard	2	Meeting the Prescribed standard
14	Delhi	Kondli Phase - II (25 MGD)	28.36/ 77.19	1999	Operational	113.65	113.5	ASP	Valid till 13.08.2022	7.4	Meeting the Prescribed standard	26	Not meeting the Prescribed standard	58	Not meeting the Prescribed standard	18	Not meeting the Prescribed standard
15	Delhi	Kondli Phase - IV (45 MGD)	28.36/ 77.19	2013	Operational	204.57	204.57	ASP	Applied for Renewal of Consent to Operate	7.4	Meeting the Prescribed standard	36	Not meeting the Prescribed standard	88	Not meeting the Prescribed standard	32	Not meeting the Prescribed standard
16	Delhi	Chilla (9 MGD)	28.58/ 77.29	2014	Operational	40.91	40.91	SBR	Not Applied for Renewal of Consent to Operate	7.3	Meeting the Prescribed standard	10	Meeting the Prescribed standard	32	Meeting the Prescribed standard	9	Meeting the Prescribed standard
17	Delhi	Yamuna Vihar Phase-I (10 MGD)	28.69766/ 77.285785	1999	Operational	45.46	38.5	ASP	Applied for Renewal of Consent to Operate	7.3	Meeting the Prescribed standard	10	Meeting the Prescribed standard	32	Meeting the Prescribed standard	10	Meeting the Prescribed standard
18	Delhi	Yamuna Vihar Phase-II (10 MGD)	28.69775/ 77.286681	2002	Operational	45.46	36.3	ASP	Applied for Renewal of Consent to Operate	7.3	Meeting the Prescribed standard of	16	Not meeting the Prescribed standard	32	Meeting the Prescribed standard	8	Meeting the Prescribed standard

Sl. No	City/Town	Location/ Name of STP	Coordinates of STP (Latitude / Longitude)	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (in MLD)	Actual Utilization of Installed Capacity (in MLD)	Technology (UASB/ ASP/ OP/ SBR/ MBR/ FAB etc.)	Consent Status	Compliance Status [Based on the Analysis Reports of DPCC Laboratory for the Month of Sept, 2020]							
										Standards for Treated Effluent of STPs of DJB prescribed by DPCC							
										pH (6.5 - 9.0)		TSS (≤ 10 mg/l)		COD (≤ 50 mg/l)		BOD (≤ 10 mg/l)	
19	Delhi	Yamuna Vihar Ph-III (25 MGD)	28.69 / 77.28	2015	Operational	113.65	113.65	ASP	Applied for Renewal of Consent to Operate	7.3	Meeting the Prescribed standard of 6.5-9.0	36	Not meeting the Prescribed standard	88	Not meeting the Prescribed standard	28	Not meeting the Prescribed standard
20	Delhi	Akshardham / Common Wealth Games Village (1 MGD)	28.6189 / 77.2769	2010	Operational	4.55	0.9	MBR	Valid till 29.07.2024	7.3	Meeting the Prescribed standard	8	Meeting the Prescribed standard	16	Meeting the Prescribed standard	4	Meeting the Prescribed standard
21	Delhi	Coronation Pillar Phase- I & II (20 MGD)	28.721788/ 77.189100	1957-2000	Operational	90.92	88.53	ASP	Valid till 31.08.2022	7.3	Meeting the Prescribed standard	60	Not meeting the Prescribed standard	144	Not meeting the Prescribed standard	42	Not meeting the Prescribed standard
22	Delhi	Coronation Pillar Phase - III (10 MGD)	28.725201/ 77.189607	2001	Operational	45.46	38.59	ASP	Valid till 31.08.2022	7.1	Meeting the Prescribed standard	48	Not meeting the Prescribed standard	136	Not meeting the Prescribed standard	38	Not meeting the Prescribed standard
23	Delhi	Narela (10 MGD)	28.836413/ 77.135797	2000	Operational	45.46	18.16	ASP	Applied for Renewal of Consent to Operate	7.3	Meeting the Prescribed standard	16	Not meeting the Prescribed standard	68	Not meeting the Prescribed standard	18	Not meeting the Prescribed standard
24	Delhi	Rithala Phase -I (20 MGD)	28.726853/ 77.09969	1991	Operational	90.92	90.92	ASP	Valid till 06.12.2023	7	Meeting the Prescribed standard	70	Not meeting the Prescribed standard	160	Not meeting the Prescribed standard	40	Not meeting the Prescribed standard
25	Delhi	Rithala Phase - II (40 MGD)	28.730030/ 77.100476	2001	Operational	181.84	181.84	ASP	Valid till 30.10.2022	7.1	Meeting the Prescribed standard	14	Not meeting the Prescribed standard	44	Meeting the Prescribed standard of ≤ 50 mg/l	8	Meeting the Prescribed standard
26	Delhi	Rohini (15 MGD)	28.7365365/ 77.1018607	2002	Operational	68.19	22.7	ASP	Valid till 27.05.2024	7.2	Meeting the Prescribed standard	28	Not meeting the Prescribed standard	42	Meeting the Prescribed standard	16	Not meeting the Prescribed standard
27	Delhi	Keshopur Phase I (New) (12 MGD)	28.65408/ 77.07819	1957	Operational	54.55	54.55	ASP	Valid till 17.01.2025	7.4	Meeting the Prescribed standard	14	Not meeting the Prescribed standard	41	Meeting the Prescribed standard	10	Meeting the Prescribed standard

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										Standards for Treated Effluent of STPs of DJB prescribed by DPCC							
										pH (6.5 - 9.0)		TSS (≤ 10 mg/l)		COD (≤ 50 mg/l)		BOD (≤ 10 mg/l)	
28	Delhi	Keshopur Phase-II (20 MGD)	28.65408/77.07819	1975	Operational	90.92	90.92	ASP	Valid till 31.12.2024	7.2	Meeting the Prescribed standard	132	Not meeting the Prescribed standard	240	Not meeting the Prescribed standard	72	Not meeting the Prescribed standard
29	Delhi	Keshopur Phase - III (40 MGD)	28.65408/77.07819	1990	Operational	181.84	181.84	ASP	Valid till 31.12.2024	7.2	Meeting the Prescribed standard	132	Not meeting the Prescribed standard	240	Not meeting the Prescribed standard	72	Not meeting the Prescribed standard
30	Delhi	Nilothi Phase-I (40 MGD)	28.65346/77.04839	2002	Operational	181.84	68.1	ASP	Valid till 24.4.2024	6.9	Meeting the Prescribed standard	46	Not meeting the Prescribed standard	128	Not meeting the Prescribed standard	32	Not meeting the Prescribed standard
31	Delhi	Nilothi Phase-II (20 MGD)	28.65337/77.04802	2015	Operational	90.92	88.53	SBR	Valid till 26.06.2021	6.8	Meeting the Prescribed standard	10	Meeting the Prescribed standard	28	Meeting the Prescribed standard	6	Meeting the Prescribed standard
32	Delhi	Papankalan Phase - I (20 MGD)	28.583807/77.022223	2002	Operational	90.92	90.92	ASP	Valid till 23.06.2024	7.4	Meeting the Prescribed standard	40	Not meeting the Prescribed standard	80	Not meeting the Prescribed standard	28	Not meeting the Prescribed standard
33	Delhi	Papankalan Phase - II (20 MGD)	28.583807/77.022223	2015	Operational	90.92	90.92	ASP	Not applied for CTO (R)	7.4	Meeting the Prescribed standard	6	Meeting the Prescribed standard	12	Meeting the Prescribed standard	4	Meeting the Prescribed standard
34	Delhi	Najafgarh (5 MGD)	28.604882/77.010143	2002	Operational	22.73	11.35	Extended Aeration	Not applied for CTO (R)	7.3	Meeting the Prescribed standard	32	Not meeting the Prescribed standard	76	Not meeting the Prescribed standard	24	Not meeting the Prescribed standard
35	Delhi	Kapashera (5 MGD)	28.522353/77.074137	2014	Operational	22.73	8.17	SBR	Valid till 30.07.2023	7.1	Meeting the Prescribed standard	8	Meeting the Prescribed standard	16	Meeting the Prescribed standard	4	Meeting the Prescribed standard
		Total			Operational STPs - 35	2715.14 MLD (597.26 MGD)	2314.11 MLD (509.04 MGD)										

Sl. No	City/Town	Location/Name of STP	Coordinates of STP (Latitude / Longitude)	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (in MLD)	Actual Utilization of Installed Capacity (in MLD)	Technology (UASB/ ASP/ OP/ SBR/ MBR/ FAB etc.)	Consent Status	Compliance Status			
										[Based on the Analysis Reports of DPCC Laboratory for the Month of Sept, 2020]			
										Standards for Treated Effluent of STPs of DJB prescribed by DPCC			
pH (6.5 - 9.0)		TSS (≤ 10 mg/l)	COD (≤ 50 mg/l)	BOD (≤ 10 mg/l)									
Note:													
(i) Letter issued to Delhi Jal Board on 21.10.2020 for taking rectification measures to meet the Prescribed Standards.													
(ii) DPCC has decided following Standards for Treated Effluent of Sewage Treatment Plants (STPs) of Delhi Jal Board (for Old as well as New STPs) in its meeting of the Committee for II (a) Category cases, headed by Chairman, DPCC held on 14.10.2019 and the same was communicated to Delhi Jal Board vide letter dated 31.01.2020 to meet the prescribed standards :													
1.	pH					6.5 - 9.0							
2.	Total Suspended Solids (TSS)					≤ 10 mg/l							
3.	Biochemical Oxygen Demand (BOD)					≤ 10 mg/l							
4.	Chemical Oxygen Demand (COD)					≤ 50 mg/l							
5.	Ammonical Nitrogen (NH ₄ - N)					≤ 5 mg/l							
6.	Total Nitrogen (N -Total)					≤ 10 mg/l							
7.	Phosphate (PO ₄ - P)					≤ 2 mg/l							
8.	Fecal Coliform (FC) (MPN/100ml)					≤ 230							

Status Report in respect of 351 Polluter River Stretches in the Country (River Yamuna in Delhi) for the Quarter ending September, 2020.

In compliance to the order dated 20.09.2018 in OA No. 673 / 2018 in the matter of News item published in 'The Hindu' Authored by Shri Jacob Khoshy Titled "More river stretches are now critically polluted: CPCB", the River Rejuvenation Committee (RRC) for Delhi was constituted vide order dated 22.10.2018 for preparation of the Action Plan for rejuvenation of 22 km stretch of river Yamuna (Wazirabad to Asgarpur village). The following is the constitution of the Committee:

1. Director, Department of Environment, Govt. of NCT of Delhi
2. Director, Department of Urban Development, Govt. of NCT of Delhi
3. Director, Department of Industries, Govt. of NCT of Delhi
4. Member Secretary, DPCC

The meetings of the RRC Delhi were held from time to time and Action Plan / Revised Action Plans as per the suggestions of Task Team of CPCB were submitted to CPCB vide letters dated 29.01.2019, 03.04.2019, 01.08.2019 & 22.11.2019. Revised Action Plan for rejuvenation of river Yamuna prepared by RRC Delhi considering the observations of the Task Team of CPCB in the meeting held on 27.12.2019 was submitted to CPCB on 21.02.2020.

Action Plan for Rejuvenation of River Yamuna prepared by RRC Delhi was Recommended by the Task Team of CPCB in its meeting held on 26.02.2020 subject to revision of Action Plan as per suggestions given by the Task Team in the said meeting which are being incorporated in consultation with the concerned Departments.

With respect to the order dated 06.12.2019 in the said matter, DPCC, Delhi Jal Board, Urban Development Department etc are attending the monthly meetings of Central Monitoring Committee headed by Secretary, Ministry of Jal Shakti.

Monthly Progress Reports of Govt. of NCT of Delhi in the Format of National Mission for Clean Ganga (NMCG) w.r.t Order Dated 06.12.2019 in the said matter are being sent to Secretary, Ministry of Jal Shakti and CPCB on regular basis.

Monthly Progress Reports of Govt. of NCT of Delhi for the months of July, 2020, August, 2020 & Sept, 2020 were sent to Secy, Ministry of Jal Shakti and CPCB vide letters dated 27.08.2020, 23.09.2020 & 28.10.2020 respectively.

The matter related to control of pollution in river Yamuna is being monitored by Chief Secretary through various meetings e.g. meetings of Integrated Drain Management Cell (IDMC) . Meetings on the Interceptor Sewer Project (ISP) and Meetings related to Hon'ble NGT orders in OA No. 06/2012 in the matter of Manoj Mishra Vs. Union of India & Ors. which is being monitored by Yamuna Monitoring Committee. Regarding OA No. 673/2018, the issue is also being monitored by Chief Secretary.

Compliance Report Regarding Air Quality Management in Delhi **[102 (122) Non- Attainment Cities for the Quarter ending September, 2020]**

Comprehensive Action Plan (CAP) for Delhi & Quarterly Progress Reports

In compliance to the order dated **08.10.2018** of Hon'ble National Green Tribunal in OA No. 681 / 2018 in the matter of : NEWS ITEM PUBLISHED IN THE TIMES OF INDIA AUTHORED BY SHRI VISHWA MOHAN Titled " NCAO with Multiple Timelines to clear Air in 102 Cities to be released around August 15"an **Air Quality Monitoring Committee (AQMC) was constituted** comprising Directors of the following Departments of NCT of Delhi:

1. Department of Environment, Govt. of NCT of Delhi
2. Transport Department, Govt. of NCT of Delhi
3. Industries Department, Govt. of NCT of Delhi
4. Urban Development Department , Govt. of NCT of Delhi
5. Department of Agriculture, Govt. of NCT of Delhi
6. Member Secretary, Delhi Pollution Control Committee (DPCC)

AQMC had to prepare appropriate action plans aimed at bringing the standards of air quality within the prescribed norms within six months from date of finalization of the action plans as per the directions of Hon'ble NGT in the said order. The AQMC is to function under the overall supervision and coordination of Secretary (Environment), Govt. of NCT of Delhi.

After taking comments of all stakeholder Departments, Action plan was finalized by AQMC and sent to CPCB on 19.12.2018. It was concluded that both CAP and GRAP are being implemented in Delhi along with 41 directions issued by CPCB under Air Act by various implementing agencies for controlling air pollution in Delhi. Preparation of another action plan with respect to Delhi will be a duplicate exercise and may not be desirable for Delhi as the implementation of these plans were being monitored at different levels at Government of NCT of Delhi, EPCA, CPCB, MOEF&CC, GOI and by Prime Minister's Office.

CPCB vide letter dated 12.02.2019 communicated that the Action Plan prepared by AQMC has been approved with some remarks. CPCB suggested for making broad estimates for financial layout. Progress report of Action Plan prepared by AQMC is to be submitted to CPCB on quarterly basis. Financial layout on Air Action Plan received from concerned departments was sent to CPCB on 21.05.2019. Progress Report on the Air Action Plan for First Quarter was sent to CPCB on 31.05.2019. Subsequently Quarterly Progress Reports were sent to CPCB on regular basis from time to time.

In compliance to the order dated 15.03.2019 and subsequent orders passed in the said matter **Noise Pollution Control Action Plan was prepared and submitted to CPCB** and necessary action w.r.t other directions of the Hon'ble NGT has been / is being taken.

Noise Limiter notification has been published in Delhi Gazette on 21.11.2019 and issued to concerned departments for necessary implementation.

All designated authorities under Noise Rules i.e. DM, Revenue Deptt, SDMs, Asstt Commissioners, Police Control Room & Traffic, all sub-divisional Police officers including Railways and Airports and DPCC have been asked to ensure strict implementation of the Noise Rules and compliance to Hon'ble Supreme Court directions in WP (C) No. 728/2015.

A workshop on “Implementation of the Noise Pollution (Regulation & Control) Rules was held specifically for designated authorities under Noise rule on 13.11.2019.

6th Quarterly Progress Report w.r.t Comprehensive Action Plan (CAP) for Delhi updated for the period June to August , 2020 was sent to CPCB vide letter dated 23.09.2020.

Air Pollution including Noise Pollution:

Status of Noise Pollution in Delhi:

Noise has emerged as a leading environmental nuisance. Noise is an underestimated threat that can cause a number of short- and long-term health problems, such as sleep disturbance, cardiovascular effects, poorer work and school performance, hearing impairment, etc. DPCC recently strengthened the Noise Monitoring Network in Delhi with 26 more Noise monitoring stations. These stations were installed in different land use areas to assess the real time noise levels. Five stations are situated in silence zone which include educational institutes and hospitals, Nine station are situated in commercial zone which include markets and stadiums, Seven stations are situated in residential zone and five stations are situated in industrial areas.

S.No.	Monthly Average of Real Time Ambient Noise Levels (Day Time)			
	Locations	Months		
		20-Jul	20-Aug	20-Sep
1	Anand Vihar(dB (A))	61.2	62.5	63.5
2	Civil Lines (dB (A))	61.0	61.3	60.8
3	Mandir Marg(dB (A))	55.0	58.3	57.4
4	Punjabi Bagh (db(A))	56.5	57.4	56.0
5	R.K.Puram (dB (A))	58.3	58.1	68.2
6	Alipur (dB(A))	56.5	55.0	50.1
7	Ashok Vihar (dB(A))	60.0	59.0	57.5
8	Connaught Place (dB(A))	#	62.8	62.8
9	Dr Karni Singh Shooting Range (dB(A))	55.6	55.6	54.9
10	Dwarka (dB(A))	63.6	64.0	63.6
11	IMD (dB(A))	59.1	58.1	53.9
12	Jahangirpuri (dB(A))	58.3	59.5	57.6
13	JLN Stadium (dB(A))	57.0	57.9	56.5
14	Karol Bagh (dB(A))	70.1	71.4	72.8
15	Kashmere Gate (dB(A))	61.0	61.1	62.6
16	Lajpat Nagar (dB(A))	63.2	62.8	62.8
17	Mundka (dB(A))	56.7	59.5	57.3
18	Najafgarh (dB(A))	53.8	52.5	52.3
19	Narela (dB(A))	61.2	62.9	64.7
20	National Stadium (dB(A))	57.3	57.4	56.9
21	Nehru Nagar (dB(A))	56.5	56.8	55.4
22	Okhla (dB(A))	56.5	55.7	57.6
23	Patparganj (dB(A))	57.7	57.9	56.5
24	Pooth Khurd, Bawana (dB(A))	57.2	56.9	55.5
25	Pusa (dB(A))	62.0	62.4	62.1

26	Rohini (dB(A))	56.3	54.6	55.2
27	Shahdara (dB(A))	67.0	67.4	67.3
28	Sonia Vihar (dB(A))	57.5	58.3	55.7
29	Sri Aurobindo Marg (dB(A))	54.6	54.5	53.8
30	Vivek Vihar (dB(A))	58.0	59.6	58.9
31	Wazirpur (dB(A))	62.2	62.8	63.0

Note:- # -Data is not available

S.No	Monthly Average of Real Time Ambient Noise Levels (Night Time)			
	Locations	Months		
		20-Jul	20-Aug	20-Sep
1	Anand Vihar(dB (A))	55.3	56.9	57.3
2	Civil Lines (dB (A))	56.9	57.3	58.3
3	Mandir Marg(dB (A))	49.0	49.3	54.2
4	Punjabi Bagh (db(A))	51.5	51.9	49.5
5	R.K.Puram (dB (A))	57.3	55.3	64.8
6	Alipur (dB(A))	53.2	52.6	48.6
7	Ashok Vihar (dB(A))	56.1	54.6	53.7
8	Connaught Place (dB(A))	#	56.5	56.4
9	Dr Karni Singh Shooting Range (dB(A))	50.3	52.2	49.9
10	Dwarka (dB(A))	56.8	57.1	57.0
11	IMD (dB(A))	55.0	56.5	51.1
12	Jahangirpuri (dB(A))	56.2	58.7	54.6
13	JLN Stadium (dB(A))	54.6	55.4	54.1
14	Karol Bagh (dB(A))	59.0	59.7	59.9
15	Kashmere Gate (dB(A))	57.0	56.9	58.4
16	Lajpat Nagar (dB(A))	56.2	55.2	55.0
17	Mundka (dB(A))	55.1	56.7	54.2
18	Najafgarh (dB(A))	51.5	50.7	51.6
19	Narela (dB(A))	60.5	60.7	59.8
20	National Stadium (dB(A))	55.4	54.2	53.0
21	Nehru Nagar (dB(A))	55.2	55.5	53.3
22	Okhla (dB(A))	52.0	52.3	53.0
23	Patparganj (dB(A))	55.2	55.2	52.4
24	Pooth Khurd, Bawana (dB(A))	56.6	56.2	51.0
25	Pusa (dB(A))	57.5	57.2	57.1
26	Rohini (dB(A))	53.4	53.7	50.3
27	Shahdara (dB(A))	63.4	64.0	64.6
28	Sonia Vihar (dB(A))	53.8	52.2	50.1
29	Sri Aurobindo Marg (dB(A))	52.4	53.6	53.6
30	Vivek Vihar (dB(A))	56.5	58.0	57.4
31	Wazirpur (dB(A))	56.9	58.3	57.5

Note:- # -Data is not available

Status of Air Quality of Delhi:

Delhi is one of the most polluted cities in the world, specifically with reference to concentration of Particulate (PM_{2.5} and PM₁₀). Different studies attributed to concentration of particulate to different sources from road re-suspension dust, fugitive emission construction sites, vehicular emission and windblown dust. Seasonal trend are controlled by adverse metrological parameters, Trans state movement of pollutants and episodic emissions.

Air pollution in Delhi is a serious cause of concern for the Government of NCT of Delhi. Meteorological factors viz. Wind Speed, Wind Direction, humidity; temperature etc. also plays a crucial role in the air pollution episodes that happens in the winter months in the whole of North India. It is also evident that Delhi's Environment is highly influenced by different meteorological phenomena. In summer, the particulate is influenced by dust storm from Rajasthan and in winter by calm conditions and inversion as well as biomass burning in NCR.

As per the study conducted by Department of Environment, Govt. of Delhi through IIT Kanpur in 2015, the major sources of air pollution in Delhi have been identified as under:-

- Vehicular pollution.
- Road and soil dust and its re-suspension.
- Dust generated due to construction and demolition activities.
- Burning of dry leaves/garbage etc.
- Industrial pollution emissions.
- Trans-state movement of pollutants specially due to burning of crop residue in neighboring states.
- Industrial sources/Thermal Power stations.

The possible main reasons for high level of air pollution were as follows:

- (a) Crop residue burning in neighboring states.
- (b) Non-favorable metrological conditions like calm wind, temperature inversion at lower height.
- (c) Vehicular Pollution.
- (d) Dry conditions helping re-suspension of particulate matter (PM).

I. Monitoring of Air Pollution:

To monitor the Ambient Air Quality parameters, there are 40 Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in Delhi (DPCC-26, CPCB-6, MoES-8). The Online data of Ambient Air Quality of DPCC 26 CAAQMS are available on DPCC website. The monthly average is shown below:

Monthly City Average Concentration of Different Pollutants from July-September 2020								
Months	PM10 ($\mu\text{g}/\text{m}^3$)	PM2.5 ($\mu\text{g}/\text{m}^3$)	SO2 ($\mu\text{g}/\text{m}^3$)	NO2 ($\mu\text{g}/\text{m}^3$)	O3 ($\mu\text{g}/\text{m}^3$)	NH3 ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)	C6H6 ($\mu\text{g}/\text{m}^3$)
July	75	33	10.01	21.8	28.8	30.72	0.92	1.58
August	55	24	9.1	22.4	18.98	26.03	0.95	1.36
September	122	49	10.92	31.01	29.97	27.66	0.95	2.31

II. Action Plans /Proposals of Delhi Government to tackle the Air Pollution Situation in Delhi:

The following actions are continually undertaken by Delhi Govt. to control air pollution in Delhi. The action under GRAP and CAP is also enforced.

- Mechanical road sweeping
- Water sprinkling using treated sewage water.
- Solid waste management both centralized & decentralized.
- Plans for remediation of dump sites.
- C&D waste management,
- Silt management,
- Plantation,
- Greening & Paving.
- Greening of flyovers and over bridges.
- Greening of open spaces, vertical gardens etc.
- Industrial air pollution control by converting them to PNG.
- Various enforcement actions taken by DPCC in respect of dust control and biomass burning etc. by imposing heavy fines.
- Deployment of environmental Marshals in each ward.
- Enforcement actions taken by other agencies.
- Action taken by industries in the non-confirming areas.