

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH, NEW DELHI**

ORIGINAL APPLICATION NO. 06/2012

**In the matter of:**

**Manoj Mishra** .....Applicant

Versus

**Union of India & ors.** .....Respondent

NDOH: 06.07.2020

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Filed by:

(Delhi Pollution Control Committee)

New Delhi:

Dated: 13.05.2020

**BEFORE THE HONOURABLE NATIONAL GREEN TRIBUNAL,  
PRINCIPAL BENCH AT NEW DELHI**

**Original Application No 06/2012**

**In the matter of:**

**Manoj Mishra**

**Applicant**

**Versus**

**Union of India & Ors.**

**Respondent(s)**

**ACTION TAKEN / PROGRESS REPORT OF STATUS AS ON 30.04.2020  
OF DELHI POLLUTION CONTROL COMMITTEE (DPCC) IN COMPLIANCE  
OF ORDERS DATED 11.09.2019 AND 05.03.2020.**

**MOST RESPECTFULLY SHOWETH :**

1. That the Action Taken Report of DPCC as on 30.11.2019 with respect to the directions concerning it given by the Hon'ble Tribunal in the order dated 11.09.2019 was filed before the Hon'ble Tribunal on 10.12.2019 and copy of the same was also sent to Yamuna Pollution Monitoring Committee vide letter dated 10.12.2019.
2. That the Hon'ble Tribunal vide order dated 05.03.2020 in the said matter has directed that the Authorities may give their progress reports of the status as on 30.04.2020 to the Hon'ble Tribunal by email at [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in) before the next date ( i.e. 14.05.2020, now 31.05.2020 as per the order dated 06.05.2020).
3. That the Action Taken / Progress Report of Status as on 30.04.2020 of DPCC with respect to the directions concerning it given by the Hon'ble Tribunal in the order dated 11.09.2019 are given in the following Table :

<b>S. No.</b>	<b>Directions in the Order Dated 11.09.2019</b>	<b>Action Taken / Progress Report of DPCC</b>
<b>I</b>	<b>Para 15 A (i) at page 30 of the order :</b> <b>“Environmental Flow:</b> (a) The impact on ground water regime due to pilot	Regular meetings have been held by Central Pollution Control Board (CPCB) with CGWB, DPCC, Irrigation and Flood Control Department (I&FCD) of Govt. of NCT of Delhi and

	<p>project may be monitored by CPCB, DPCC and CGWA....”</p>	<p>Integrated Natural Resource Management.</p> <p>Site visit of the Pilot Project was carried out on 06.02.2020. Based on the observations made during the visit following suggestions have been made by the inspecting team :</p> <p>(i)The proposed project as per DPR should be completed in compliance to Hon’ble NGT Order dated 11.09.2029 passed in OA No. 06/2012.</p> <p>(ii) Estimated ground water withdrawal from existing tube wells around the study area based on cropping pattern &amp; domestic water consumption should also be included in the report by the Project Proponent.</p> <p>(iii)Also, it was suggested to the Project Proponent that the piezometers at an interval of 1 km from Palla to Wazirabad in the form of grid may be installed on both sides of river Yamuna along the embankment for further planning of recharge activity in the flood plain.</p>
<p><b>II</b></p>	<p><b>Para 15 A (iii) at page 32 of the order :</b></p> <p><b>Quality of River Water :</b></p> <p>Monthly reports on the water quality be furnished by DPCC to the Monitoring Committee which must also contain data on faecal coliform and till the time DPCC establishes its own laboratory network, the samples may be got analyzed either from CPCB laboratory or other accredited laboratory with respect to aforesaid parameter. Such reports must be placed on the website of DPCC and CPCB. For failure</p>	<p>DPCC is carrying out water quality monitoring of River Yamuna at 9 locations for the parameters pH, BOD, COD, DO &amp; Faecal Coliform on monthly basis. Monthly reports on the water quality of river Yamuna are being sent to Yamuna Pollution Monitoring Committee (YPMC). Water quality monitoring reports of river Yamuna are being placed on the website of DPCC and link has been given to CPCB.</p> <p>Analysis Results of the monitoring of water quality of river Yamuna for the months of January, February, March &amp; April, 2020 are collectively annexed as <b><u>Annexure- 1.</u></b></p>

<p>to comply with this direction, DPCC will be liable to pay environment compensation of Rs. 2 lakh per month to CPCB for restoration of environment with effect from 01.10.2019. The amount can be recovered from the erring officers apart from appropriate entries in their service records.”</p>	<p>DPCC has developed its own facility for analysis of Bacteriological Parameters including Faecal Coliform and started analyzing the same since February, 2020.</p>
<p><b>III Para 15 A (vii) at page 37 of the order:</b></p> <p><b>Industrial Pollution:</b></p> <p>(a) DPCC is directed to continue with the survey and monitoring of industries both in conforming and nonconforming areas and take action in accordance with law against polluting units and file report of action three months besides recovery of EC. In case of non-compliance Delhi Govt will be liable to pay Rs. 5 lakh per month from 01.01.2020.</p>	<p>DPCC is taking action against the violating Industries/ Units including Water Polluting Industries /Units and imposes Environmental Compensation (EC) on the Polluter Pays Principle. Action taken by DPCC against the Industries / Units and Environmental Compensation (EC) imposed was informed to the Hon’ble Tribunal vide Action Taken Report filed before the Tribunal on 01.08.2019 and 10.12.2019.</p> <p>Brief of Action Taken by DPCC against the total 1649 Polluting Industries / Units in Conforming Areas / Non Conforming Areas in the Period 01.01.2020 to 30.04.2020 is annexed as <b>Annexure- 2.</b></p> <p>In the period of 01.01.2020 to 30.04.2020, DPCC has issued 1173 Show Cause Notices u/s 31(A) of Air Act / 33(A) of Water Act / 5 of EP Act to the Industries/Units (including 206 Show Cause Notices u/s 33(A) of Water Act).</p> <p>In the period of 01.01.2020 to 30.04.2020, DPCC has issued 1397 Closure Directions u/s 31(A) of Air Act / 33(A) of Water Act / 5 of EP Act to the Industries/Units (including 670 Closure Directions u/s 33(A) of Water Act ).</p> <p>In the period of 01.01.2020 to 30.04.2020 Environmental Compensation of Rs 21.92 Crores [ Conforming Areas –</p>

		<p>Rs 4.96 Crores &amp; Non Conforming Areas-Rs. 16.96 Crores ] was imposed and Rs 1.68 Crores has been received [ Conforming Areas – Rs 1.43 Crores &amp; Non Conforming Areas-Rs. 0.25 Crores ] from the Polluting Industries / Units in Conforming &amp; Non Conforming Areas as mentioned in <u>Annexure- 2</u> above.</p>
<p><b>IV</b></p>	<p><b>Para 15 A (ix) at page 39 of the order :</b></p> <p><b>Online Monitoring of STPs and CETPs :</b></p> <p>Regular calibration of OLMS in Sewage Treatment Plants and CETPs to validate sensor results with lab results to be overseen by DPCC and DJB and report submitted to the Chief Secretary, Delhi and Monitoring Committee on quarterly basis.</p>	<p>Calibration of Online Monitoring System (OLMS) installed at CETPs and STPs (of Delhi Jal Board) to validate sensor results with the analysis results of DPCC Laboratory were carried out by DPCC Laboratory in the months of October &amp; November, 2019 and Calibration Status in respect of CETPs &amp; STPs were filed before the Hon'ble Tribunal in Tabular Form with Action Taken Report of DPCC dated 10.12.2019</p> <p>The aforesaid Report was also submitted to Chief Secretary and Yamuna Pollution Monitoring Committee (YPMC) on 09.12.2019.</p> <p>Further Calibration of OLMS of CETPs &amp; STPs was carried out by DPCC Laboratory in February, 2020 and summarised in Tabular Form are annexed as <u>Annexure – 3 &amp; 4</u> respectively.</p> <p>The aforesaid Report has been sent to Chief Secretary and YPMC on 13.05.2020</p>

*Deepak Singh*  
 (Deepak Kumar Singh)

Senior Environmental Engineer  
 Delhi Pollution Control Committee

Date : 13.05.2020  
 Place : Delhi

	<b>DELHI POLLUTION CONTROL COMMITTEE</b> <b>4<sup>th</sup>FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06</b> visit us at : <a href="http://dpcc.delhigovt.nic.in">http://dpcc.delhigovt.nic.in</a> <b>WATER QUALITY STATUS OF RIVER YAMUNA</b>
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REPORT NO: DPCC/W/D/20-21/83-92

Date of Sampling- 6/01/20

S.No	Locations	pH	COD (mg/l)	BOD (mg/l)	DO (mg/l)	Fecal Coliform /100ml
Water Quality Criteria ('C' Class)		6.5- 8.5	-	3mg/l or less	5mg/l or more	500(desirable) 2500 (max permissible)
1	Palla	7.4	10	3	7.3	78
2	Surghat (Down stream of Wazirabad Barrage)	7.3	12	4	4.2	49×10 <sup>2</sup>
3	Khajori Paltoon Pool (Downstream Najafgarh Drain)	5.6	120	34	Nil	54×10 <sup>5</sup>
4	Kudesia Ghat	7.0	92	32	Nil	47×10 <sup>5</sup>
5	ITO Bridge	7.3	72	28	Nil	49×10 <sup>5</sup>
6	Nizamudin Bridge	7.5	76	28	1.9	22×10 <sup>4</sup>
7	Agra Canal (Okhla)	7.9	108	38	Nil	31×10 <sup>5</sup>
8	After meeting Shahdara Drain (Downstream Okhla Barrage)	8.0	184	65	Nil	79×10 <sup>5</sup>
9	Agra Canal (Jaitpur)	7.9	72	23	Nil	94×10 <sup>5</sup>

REMARKS :- Fecal Coliform Analysis done by CPCB.

*Nandita*  
SR.SCIENTIST

Dr. NANDITA MOITRA  
Scientist 'C'

*SSA/JLA*  
SSA/JLA/ANALYST



DELHI POLLUTION CONTROL COMMITTEE  
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WATER QUALITY STATUS OF RIVER YAMUNA

REPORT NO: DPCC/W/Y/19-20/93-111 / 19/11/17

DATE OF SAMPLING: 13/02/20

dt 6/3/20

S.No	Locations	pH	COD (mg/l)	BOD (mg/l)	DO (mg/l)	Fecal Coliform MPN/100ml
Water Quality Criteria ('C' Class)		6.5-8.5	-	3mg/l or less	5mg/l or more	500(desirable) 2500 (max permissible)
1	Palla	7.6	9	2.6	8.7	68
2	Surghat (Down stream of Wazirabad Barrage)	7.2	8	3	4.3	42×10 <sup>2</sup>
3	Khajori Paltoon Pool (Downstream Najafgarh Drain)	7.5	92	28	Nil	48×10 <sup>5</sup>
4	Kudesia Ghat	7.5	88	28	Nil	42×10 <sup>5</sup>
5	ITO Bridge	7.6	96	32	Nil	52×10 <sup>5</sup>
6	Nizamudin Bridge	7.7	80	32	1.9	2×10 <sup>5</sup>
7	Agra Canal (Okhla)	7.7	132	30	Nil	35×10 <sup>5</sup>
8	After meeting Shahdara Drain (Downstream Okhla Barrage)	8.0	152	58	Nil	74×10 <sup>5</sup>
9	Agra Canal (Jaitpur)	7.6	92	32	Nil	86×10 <sup>5</sup>

Dr. NANDITA MOITRA  
Scientist 'C'

*Nandita*

SR.SCIENTIST

SR.SCIENTIFIC ASSISTANT



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WATER QUALITY STATUS OF RIVER YAMUNA

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REPORT NO: DPCC/W/Y/20-21/112-120

DATE OF SAMPLING: 16/03/2020

S.No	Locations	pH	COD (mg/l)	BOD (mg/l)	DO (mg/l)	Fecal Coliform MPN/100ml
Water Quality Criteria ('C' Class)		6.5-8.5	-	3mg/l or less	5mg/l or more	500(desirable) 2500 (max permissible)
1	Palla	7.8	8	2.5	8.4	80
2	Surghat (Down stream of Wazirabad Barrage)	7.9	10	3	4.8	50×10 <sup>2</sup>
3	Khajori Paltoon Pool (Downstream Najafgarh Drain)	7.6	84	30	Nil	60×10 <sup>5</sup>
4	Kodesia Ghat	7.6	80	28	Nil	40×10 <sup>5</sup>
5	I TO Bridge	7.9	76	25	Nil	50×10 <sup>6</sup>
6	Nizamudin Bridge	7.7	76	24	0.8	27×10 <sup>5</sup>
7	Agra Canal (Okhla)	7.7	132	42	Nil	31×10 <sup>5</sup>
8	After meeting Shabdara Drain (Downstream Okhla Barrage)	8.0	152	58	Nil	80×10 <sup>5</sup>
9	Agra Canal (Jaitpur)	7.6	92	32	Nil	90×10 <sup>5</sup>

*M. Mehta*  
SR.SCIENTIST

*T. For*  
*S. Sanyal*  
SR.SCIENTIFIC ASSISTANT

## WATER QUALITY OF RIVER YAMUNA (APRIL 2020)

Date of Monitoring: 06.04.2020

S.No.	Location	Date of Monitoring	pH	COD mg/l	BOD mg/l	DO mg/l	Faecal Coliform (MPN/100ml)
Primary Water Quality Criteria for Bathing Water			6.5-8.5	-	3 mg/l or less	5 mg/l or more	500 (desirable) 2500 (maximum permissible)
1	Palla	April, 2020	8.00	12.0	2.8	6.9	18x10 <sup>2</sup>
2	Surghat	April, 2020	8.06	16.0	3.8	6.8	170
3	Palton Pool	April, 2020	7.24	116.0	33.0	NIL	13x10 <sup>6</sup>
4	Kudesia Ghat	April, 2020	7.37	60.0	25.0	NIL	14x10 <sup>5</sup>
5	ITO Bridge	April, 2020	7.63	32.0	22.0	2.3	33x10 <sup>5</sup>
6	Nizamuddin Bridge	April, 2020	7.64	42.0	16.0	2.3	63x10 <sup>4</sup>
7	Agra Canal, (Okhla Barrage)	April, 2020	7.46	42.0	16.0	4.8	26x10 <sup>4</sup>
8	Agra Canal (Jaitpur)	April, 2020	7.45	48.0	17.0	4.2	14x10 <sup>5</sup>
9	D/S Okhla Barrage after meeting Shahdara Drain	April, 2020	7.63	76.0	23	NIL	12x10 <sup>5</sup>

Maitra  
14/4/20

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## WATER QUALITY OF RIVER YAMUNA (APRIL 2020)

Date of Monitoring: 14/04/2020

S.No.	Location	Date of Monitoring	pH	COD mg/l	BOD mg/l	DO mg/l	Faecal Coliform (MPN/100ml)
Primary Water Quality Criteria for Bathing Water			6.5-8.5	-	3 mg/l or less	5 mg/l or more	500 (desirable) 2500 (maximum permissible)
1	Palla	14/04/2020	7.74	12.0	3.58	8.0	17x10 <sup>2</sup>
2	Surghat	14/04/2020	7.77	Nil	Nil	7.6	180
3	Palton Pool	14/04/2020	7.09	80.0	22.0	Nil	14x10 <sup>4</sup>
4	Kudesia Ghat	14/04/2020	7.08	80.0	21.0	Nil	12x10 <sup>6</sup>
5	ITO Bridge	14/04/2020	7.06	56.0	15.0	4.1	35x10 <sup>5</sup>
6	Nizamuddin Bridge	14/04/2020	7.23	40.0	13.0	3.5	59x10 <sup>4</sup>
7	Agra Canal, (Okhla Barrage)	14/04/2020	7.24	44.0	14.0	4.0	28x10 <sup>4</sup>
8	Agra Canal (Jaitpur)	14/04/2020	7.08	48.0	15.0	4.2	15x10 <sup>5</sup>
9	D/S okhla Barrage after meeting Shahdara Drain	14/04/2020	7.27	73.0	180	Nil	13x10 <sup>5</sup>
10	Wazirabad	14/04/2020	7.83	Nil	Nil	9.0	10x10 <sup>2</sup>

N. Mitra 22/4/20

DR. N. MITRA  
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S. No.	CMC	Districts	Action taken against Polluting Industries/ Units (Nos)			Show Cause Notices (SCN) Issued				Directions for Closure Issued				Environmental Compensation (EC) Imposed (in Rupees)			EC Received (in Rupees)		
			Conforming Areas (Nos)	Non Conforming Areas (Nos)	Total (Nos)	SCN u/s 33(A) of Water Act	SCN u/s 31(A) of Air Act	SCN u/s 5 of EP Act	Total SCN (D)+(E)+(F)	u/s 33(A) of Water Act	u/s 31(A) of Air Act	u/s 5 of EP Act	Total (H)+(I)+(J)	Conforming Areas (L)	Non Conforming Areas (M)	Total (N)=(L)+(M)	Conforming Areas (O)	Non Conforming Areas (P)	Total (Q)=(O)+(P)
1	I	East, North-East & Shahdara	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	0
2	II	South, South East & South West	8	0	8	0	1	1	2	8	6	0	14	200000	0	200000	716711	500000	1216711
3	III	North West	105	0	105	22	4	4	30	78	3	3	84	20800000	0	20800000	9150000	0	9150000
4	IV	New Delhi	99	0	99	50	52	0	102	47	47	0	94	18470130	32440000	50910130	3700000	130000	3830000
5	V	North	643	1	644	122	122	5	249	523	523	4	1050	10150000	0	10150000	750000	0	750000
6	VI	West	0	787	787	11	776	0	787	11	141	0	152	0	136913250	136913250	0	1893500	1893500
7	VII	Central	1	3	4	1	0	0	1	3	0	3	3	0	300000	300000	0	0	0
		Total	858	791	1649	206	957	10	1173	670	720	7	1397	49620130	169653250	219273380	14316711	2523500	16840211

## OLMS CETP status in month of February-2020

S. No.	Name of CETP	Calibration Date	EPA Standard		DPCCLab Report	OLMS Reading (before calibration)		OLMS Reading (after calibration)	
						Timing		Timing	
1.	Badli	04.02.2020	pH	5.5-9.0	6.3	12.05 pm	8.42	12.39 pm	8.35
			TSS	100	34		10.4		42.8
			BOD (3 days at 27° C)	30	26		9.4		25.2
			COD	250	72		41.5		98.8
2.	Mangolpuri	05.02.2020	pH	5.5-9.0	7.1	2.44 pm	7.76	2:50 pm	7.75
			TSS	100	64		19.1		44.7
			BOD (3 days at 27° C)	30	42		19.1		74.4
			COD	250	148		61.2		231.6
3.	Nangloi	05.02.2020	pH	5.5-9.0	7.4	3.15 pm	7.28	3.25 pm	7.28
			TSS	100	74		22.6		179.5
			BOD (3 days at 27° C)	30	38		20.5		185.5
			COD	250	126		67.0		564.5
4.	Bawana	06.02.2020	pH	5.5-9.0	7.4	11:32 am	7.51	11:47 am	7.55
			TSS	100	116		13.89		96
			BOD (3 days at 27° C)	30	68		24.96		73.27
			COD	250	210		66.79		237.85
5.	Narela	06.02.2020	pH	5.5-9.0	7.6	2:27 pm	7.85	Refuse for calibration of OLMS & Signature by Narela CETP Representative	
			TSS	100	68		24.2		
			BOD (3 days at 27° C)	30	32		17.9		
			COD	250	120		86.6		
6.	Mayapuri	07.02.2020	pH	5.5-9.0	7.6	11:36 am	8.58	11:43 am	8.58
			TSS	100	46		30.7		32.0
			BOD (3 days at 27° C)	30	28		12.8		19.5
			COD	250	98		74.2		64.0
7.	Naraina	07.02.2020	pH	5.5-9.0	7.8		Calibration not done due to electric fault (as no sample was collected last month, hence calibration cannot be done).		
			TSS	100	22				
			BOD (3 days at 27° C)	30	16				
			COD	250	56				
8.	Wazirpur	11.02.2020	pH	5.5-9.0	6.0	12:49 pm	7.06	01:05 pm	7.07
			TSS	100	66		7.8		13.0
			BOD (3 days at 27° C)	30	30		9.6		37.0
			COD	250	148		49.5		199.5
9.	SMA	11.02.2020	pH	5.5-9.0	6.6	02.04 pm	7.45	02.30 pm	6.6
			TSS	100	58		44.78		44.39
			BOD (3 days at 27° C)	30	30		10.0		27.83
			COD	250	120		23.576		83.17
10.	Lawrence Road	11.02.2020	pH	5.5-9.0	-		No Sample taken as the effluent is not coming from RPH. Hence, Calibration cannot be done. Plant not operational.		
			TSS	100	-				
			BOD (3 days at 27° C)	30	-				
			COD	250	-				
11.	Jhilmil	17.02.2020	pH	5.5-9.0	7.7	03:33 pm	7.79	03:39 pm	7.79
			TSS	100	50		13.5		37.8
			BOD (3 days at 27° C)	30	28		15.0		15.0
			COD	250	108		82.3		77.5
12.	GTK	19.02.2020	pH	5.5-9.0	7.9	11:25 am	7.48	11:56 am	7.02
			TSS	100	44		53.34		46.63
			BOD (3 days at 27° C)	30	28		24.84		28.51
			COD	250	120		92.45		124.24
13.	Okhla	19.02.2020	pH	5.5-9.0	7.9	01:43 pm	7.2	02:08 pm	6.97
			TSS	100	52		59.25		35.67
			BOD (3 days at 27° C)	30	30		176.4		15.56
			COD	250	98		33.45		79.65

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## OLMS STP status in month of February-2020

S. No.	Name of STP	Calibration Date	EPA Standard		OLMS Reading (before calibration)		OLMS Reading (after calibration)	
					Timing		Timing	
1.	Rithala Ph-I	04.02.2020	pH	5.5-9.0	01:24 pm	7.47	01:54 pm	7.10
			TSS	50		41.45		68.21
			BOD (3 days at 27° C)	30		28.99		48.54
			COD	250		106.45		136.87
			A. Nitrogen	50		14.55		9.73
2.	Rithala Ph-II	04.02.2020	pH	5.5-9.0	02:55 pm	7.13	03:24 pm	7.40
			TSS	50		15.68		27.20
			BOD (3 days at 27° C)	30		10.40		16.44
			COD	250		42.24		50.95
			A. Nitrogen	50		11.64		6.20
3.	Rohini	04.02.2020	pH	5.5-9.0	04:04 pm	7.22	04:31 pm	7.52
			TSS	50		36.48		32.38
			BOD (3 days at 27° C)	30		11.84		19.72
			COD	250		54.39		57.00
			A. Nitrogen	50		15.99		5.50
4.	Coronation Pillar Ph-I & II	05.02.2020	pH	5.5-9.0	01:02 pm	7.40	01:28 pm	7.80
			TSS	50		367.64		74.18
			BOD (3 days at 27° C)	30		55.27		53.11
			COD	250		287.14		163.40
			A. Nitrogen	50		8.24		9.77
5.	Coronation Pillar Ph-III	05.02.2020	pH	5.5-9.0	12:30 pm	7.51	12:57 pm	7.5
			TSS	50		58.31		55.84
			BOD (3 days at 27° C)	30		33.17		35.49
			COD	250		119.97		96.70
			A. Nitrogen	50		16.14		8.46
6.	Narela	06.02.2020	pH	5.5-9.0	02:53 pm	7.19	03:00 pm	7.40
			TSS	50		38.86		31.25
			BOD (3 days at 27° C)	30		28.51		26.03
			COD	250		128.13		64.31
			A. Nitrogen	50		6.03		8.39
7.	Delhi Gate New	07.02.2020	pH	5.5-9.0	01:21 pm	6.96	01:44 pm	6.97
			TSS	50		7.38		6.73
			BOD (3 days at 27° C)	30		5.66		3.72
			COD	250		19.60		11.76
			A. Nitrogen	50		5.70		3.97
8.	Delhi Gate Old	07.02.2020	pH	5.5-9.0	01:54 pm	8.16	02:14 pm	7.09
			TSS	50		7.90		7.44
			BOD (3 days at 27° C)	30		4.14		5.83
			COD	250		18.72		15.96
			A. Nitrogen	50		2.54		4.25
9.	Sen Nursing Home	07.02.2020	pH	5.5-9.0	02:37 pm	7.17	02:52 pm	7.79
			TSS	50		2.230		4.136
			BOD (3 days at 27° C)	30		7.4		2.2
			COD	250		24.6		8.5
			A. Nitrogen	50		1.38		3.57

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S. No.	Name of STP	Calibration Date	EPA Standard		OLMS Reading (before calibration)		OLMS Reading (after calibration)	
					Timing		Timing	
10.	Okhla (15 MGD)	10.02.2020	pH	5.5-9.0	12:04 pm	5.89	12:29 pm	5.98
			TSS	50		34.55		25.97
			BOD (3 days at 27° C)	30		29.24		18.10
			COD	250		94.04		48.58
			A. Nitrogen	50		2.13		0.50
11.	Okhla (37 MGD)	10.02.2020	pH	5.5-9.0	12:44 pm	7.87	01:09 pm	6.86
			TSS	50		18.34		26.19
			BOD (3 days at 27° C)	30		22.99		16.34
			COD	250		70.62		46.47
			A. Nitrogen	50		1.83		3.71
12.	Okhla (16 MGD)	10.02.2020	pH	5.5-9.0	01:12 pm	7.25	01:34 pm	6.70
			TSS	50		23.19		29.11
			BOD (3 days at 27° C)	30		12.49		17.91
			COD	250		62.78		47.67
			A. Nitrogen	50		2.04		0.40
13.	Okhla New	10.02.2020	pH	5.5-9.0	02:06 pm	7.75	02:25 pm	7.50
			TSS	50		7.93		7.17
			BOD (3 days at 27° C)	30		6.78		2.89
			COD	250		16.74		14.33
			A. Nitrogen	50		0.63		0.73
14.	Molar Band	10.02.2020	pH	5.5-9.0	03:04 pm	8.27	03:16 pm	6.81
			TSS	50		17.08		33.20
			BOD (3 days at 27° C)	30		13.21		20.37
			COD	250		58.93		67.43
			A. Nitrogen	50		14.85		10.60
15.	Najafgarh	12.02.2020	pH	5.5-9.0	01:03 pm	7.16	01:20 pm	7.16
			TSS	50		32.86		54.54
			BOD (3 days at 27° C)	30		20.24		35.94
			COD	250		101.78		97.20
			A. Nitrogen	50		25.58		6.61
16.	Pappankala (Old)	12.02.2020	pH	5.5-9.0	02:14 pm	7.19	02:30 pm	7.59
			TSS	50		44.74		76.40
			BOD (3 days at 27° C)	30		29.95		55.90
			COD	250		81.23		159.93
			A. Nitrogen	50		31.9		6.9
17.	Pappankala (New)	12.02.2020	pH	5.5-9.0	03:03 pm	7.27	03:31 pm	7.74
			TSS	50		6.79		25.03
			BOD (3 days at 27° C)	30		8.19		17.70
			COD	250		47.27		47.31
			A. Nitrogen	50		0.35		5.48
18.	Kapsahera	14.02.2020	pH	5.5-9.0	12:16 pm	7.48	12:20 pm	7.60
			TSS	50		-		-
			BOD (3 days at 27° C)	30		-		-
			COD	250		-		-
			A. Nitrogen	50		4.78		4.61
19.	Vasant Kunj (3 MGD)	14.02.2020	pH	5.5-9.0	01:40 pm	7.60	02:06 pm	7.60
			TSS	50		12.87		34.11
			BOD (3 days at 27° C)	30		9.65		25.13
			COD	250		29.96		67.85
			A. Nitrogen	50		5.43		5.79

S. No.	Name of STP	Calibration Date	EPA Standard		OLMS Reading (before calibration)		OLMS Reading (after calibration)	
					Timing		Timing	
20.	Vasant Kunj (2.2 MGD)	14.02.2020	pH	5.5-9.0		7.26	02:28 pm	7.70
			TSS	50		54.55		17.75
			BOD (3 days at 27° C)	30		21.58		19.80
			COD	250		100.78		76.74
			A. Nitrogen	50		4.63		4.99
21.	Mehrauli	14.02.2020	pH	5.5-9.0	03:03 pm	7.29	03:17 pm	7.59
			TSS	50		52.51		65.34
			BOD (3 days at 27° C)	30		32.60		43.07
			COD	250		95.51		126.06
			A. Nitrogen	50		1.35		9.46
22.	Akshardham	17.02.2020	pH	5.5-9.0	11:20 am	7.60	TSS & BOD are at higher site where it is comparing with DJB & Site in-house laboratory. So, requested to recheck the parameters. Hence calibration cannot be done.	
			TSS	50		0.81		
			BOD (3 days at 27° C)	30		0.12		
			COD	250		3.73		
			A. Nitrogen	50		0.21		
23.	Chilla	17.02.2020	pH	5.5-9.0	12:06 pm	7.18	12:28 pm	7.60
			TSS	50		8.77		7.05
			BOD (3 days at 27° C)	30		4.25		5.45
			COD	250		21.50		14.03
			A. Nitrogen	50		3.28		3.23
24.	Kondli (45 MGD)	17.02.2020	pH	5.5-9.0	02:02 pm	7.46	02:19 pm	7.81
			TSS	50		13.47		14.40
			BOD (3 days at 27° C)	30		9.85		10.03
			COD	250		57.03		32.27
			A. Nitrogen	50		15.23		5.16
25.	Kondli (25 MGD)	17.02.2020	pH	5.5-9.0	02:42 pm	7.53	02:56 pm	7.80
			TSS	50		10.37		13.91
			BOD (3 days at 27° C)	30		6.51		7.80
			COD	250		31.69		22.54
			A. Nitrogen	50		37.60		4.75
26.	Yamuna Vihar (Ph-II)	18.02.2020	pH	5.5-9.0	12:57 pm	7.75	01:15 pm	7.98
			TSS	50		29.28		35.86
			BOD (3 days at 27° C)	30		19.92		23.97
			COD	250		92.68		75.55
			A. Nitrogen	50		13.25		6.75
27.	Yamuna Vihar	18.02.2020	pH	5.5-9.0	01:39 pm	7.28	01:59 pm	7.09
			TSS	50		29.28		60.29
			BOD (3 days at 27° C)	30		16.11		35.95
			COD	250		60.79		96.80
			A. Nitrogen	50		17.54		8.35
28.	Keshorpur (20 & 40 MGD)	21.02.2020	pH	5.5-9.0	01:17 pm	7.44	01:39 pm	7.0
			TSS	50		156.83		73.98
			BOD (3 days at 27° C)	30		88.33		61.60
			COD	250		226.26		187.17
			A. Nitrogen	50		14.2		7.5
29.	Keshorpur (12 MGD)	21.02.2020	pH	5.5-9.0	01:44 pm	7.21	01:55 pm	7.26
			TSS	50		3.96		55.07
			BOD (3 days at 27° C)	30		5.73		35.46
			COD	250		29.90		117.71
			A. Nitrogen	50		0.57		7.83

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S. No.	Name of STP	Calibration Date	EPA Standard		OLMS Reading (before calibration)		OLMS Reading (after calibration)	
					Timing		Timing	
30.	Nilothi Ph-II	21.02.2020	pH	5.5-9.0	02:34 pm	7.33	03:01 pm	7.09
			TSS	50		6.04		10.98
			BOD (3 days at 27° C)	30		6.58		5.98
			COD	250		23.61		16.21
			A. Nitrogen	50		1.97		3.31
31.	Nilothi Ph-I	21.02.2020	pH	5.5-9.0	03:30 pm	7.81	Calibration was not done because plant was non-operational past three months.	
			TSS	50		28.21		
			BOD (3 days at 27° C)	30		19.49		
			COD	250		116.97		
			A. Nitrogen	50		23.22		