



DELHI POLLUTION CONTROL COMMITTEE  
WATER LABORATORY  
4<sup>th</sup> Floor I.S.B.T. Building Kashmiri Gate Delhi-6  
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ANALYSIS REPORT OF BADLI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/11 (2985)

Dated 09/12/21

1. Name & Address of Ind. / Unit  
BADLI CETP (12 MLD)
2. Sampling location  
Inlet and Outlet of CETP
3. Date of Sampling  
07.01.2021
4. Sample analyzed and results  
DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	-	6-9	-	6-9	-
2	TSS	-	250	-	100	-
3	COD	-	...	-	250	-
4	BOD (3 days at 27° C)	-	...	-	30	-
5	Ni	-	3	-	3	-
6	Cu	-	3	-	3	-
7	Zn	-	15	-	5	-
8	Cr (Total)	-	2	-	2	-
9	Pb	-	1	-	0.1	-
10	Cl	-	...	-	1000	-
11	SO <sub>4</sub>	-	...	-	1000	-
12	Cd	-	1	-	0.05	-
13	Oil & Grease	-	20	-	10	-
14	TDS	-	...	-	2100	-
15	Ammonical Nitrogen as N	-	50	-	50	-
16	Sulphide	-	...	-	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow – 0 MLD

Plant was under maintenance so no sample was taken

SCIENTIST "D"

**Dr. Nandita Moitra**  
Scientist 'D'

SCIENTIST "C"



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ANALYSIS REPORT OF BAWANA CETP (35 MLD)

Report Number: DPCC/W/CETP/20-21/10 / 2984

Date: 09/2/21

1. Name & Address of Ind. / Unit BAWANA CETP (35 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 11.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.8	6-9	7.6	6-9	7.6
2	TSS	780	250	58	100	44.4
3	COD	344	...	92	250	60.5
4	BOD (3 days at 27° C)	155	...	32	30	12.1
5	Ni	1.07	3	0.64	3	-
6	Cu	0.57	3	ND	3	-
7	Zn	2.26	15	2.15	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	2625	...	1150	1000	-
11	SO <sub>4</sub>	1366	...	773	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	36.0	20	0.8	10	-
14	TDS	3710	...	2150	2100	-
15	Ammonical Nitrogen as N	63.5	50	22.3	50	-
16	Sulphide	8.0	...	1.9	2.0	-

All values are in mg/l except pH

... No Standards

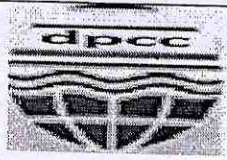
ND- Not Detectable

Average Flow: 22.28 MLD

SCIENTIST "D"

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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/1/2988

Dated: 9/02/2021

1. Name & Address of Ind. / Unit WAZIRPUR CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 14.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.5	6-9	7.2	6-9	7.86
2	TSS	320	250	56	100	7.9
3	COD	720	...	208	250	50.5
4	BOD (3 days at 27° C)	150	...	30	30	9.0
5	Ni	1.15	3	1.11	3	-
6	Cu	0.89	3	ND	3	-
7	Zn	2.51	15	2.01	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	740	...	620	1000	-
11	SO <sub>4</sub>	1385	...	1140	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	20.8	20	5.6	10	-
14	TDS	2180	...	1980	2100	-
15	Ammonical Nitrogen as N	43.4	50	12.7	50	-
16	Sulphide	6.4	...	3.0	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 1.5 MLD

SCIENTIST "D"

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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD)

Report Number: DPCC/W/CETP/20-21/7 2989

Date: 9/02/2021

1. Name & Address of Ind. / Unit MANGOLPURI CETP (2.4 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 07.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.0	6-9	7.1	6-9	7.65
2	TSS	108	250	68	100	80.5
3	COD	276	...	104	250	176.2
4	BOD (3 days at 27°C)	80	...	33	30	56.1
5	Ni	1.03	3	0.87	3	-
6	Cu	0.57	3	0.15	3	-
7	Zn	4.13	15	1.61	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	2235	...	1825	1000	-
11	SO <sub>4</sub>	764	...	627	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	20.8	20	4.8	10	-
14	TDS	2540	...	2540	2100	-
15	Ammonical Nitrogen as N	55.0	50	37.4	50	-
16	Sulphide	6.1	...	2.8	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 1.23 MLD

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### ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD)

Report Number: DPCC/W/CETP/20-21/9 | 2983

Dated 09/2/21

1. Name & Address of Ind. / Unit JHILMIL CETP (16.8 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result:

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.5	6-9	6.8	6-9	-
2	TSS	578	250	74	100	25.9
3	COD	880	...	100	250	132.2
4	BOD (3 days at 27° C)	150	...	32	30	22.1
5	Ni	1.35	3	0.79	3	-
6	Cu	1.38	3	ND	3	-
7	Zn	4.22	15	2.26	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	950	...	625	1000	-
11	SO <sub>4</sub>	501	...	440	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	22.8	20	7.6	10	-
14	TDS	1720	...	1620	2100	-
15	Ammonical Nitrogen as N	48.1	50	34.0	50	-
16	Sulphide	8.8	...	2.4	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 2.6 MLD

SCIENTIST "D"

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Scientist

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ANALYSIS REPORT OF OKHLA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/3 | 2978

Dated 09/02/21

1. Name & Address of Ind. / Unit  
OKHLA CETP (24 MLD)
2. Sampling location  
Inlet and Outlet of CETP
3. Date of Sampling  
20.01.2021
4. Sample analyzed and results  
DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.3	6-9	7.4	6-9	7.6
2	TSS	724	250	56	100	38.41
3	COD	1136	...	228	250	8.57
4	BOD (3 days at 27° C)	310	...	32	30	24.95
5	Ni	1.66	3	1.43	3	-
6	Cu	ND	3	ND	3	-
7	Zn	3.00	15	2.62	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	765	...	400	1000	-
11	SO <sub>4</sub>	558	...	534	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	36.0	20	3.2	10	-
14	TDS	1300	...	1300	2100	-
15	Ammonical Nitrogen as N	54.8	50	50.8	50	-
16	Sulphide	10.8	...	3.4	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 2.10 MLD

SCIENTIST "D"

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ANALYSIS REPORT OF SMA CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/2 (2977)

Dated 09/02/21

1. Name & Address of Ind. / Unit SMA CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 14.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result:

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.8	6-9	7.7	6-9	7.8
2	TSS	456	250	34	100	39.57
3	COD	560	...	76	250	95.15
4	BOD (3 days at 27°C)	230	...	13	30	18.21
5	Ni	1.11	3	0.99	3	-
6	Cu	2.08	3	ND	3	-
7	Zn	4.11	15	2.53	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1215	...	1030	1000	-
11	SO <sub>4</sub>	1138	...	1014	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	32.0	20	4.0	10	-
14	TDS	3270	...	2720	2100	-
15	Ammonical Nitrogen as N	38.0	50	29.8	50	-
16	Sulphide	4.8	...	1.6	2.0	-

All values are in mg/l except pH

No Standards

ND- Not Detectable

Average Flow: 1.72 MLD

SCIENTIST "D"

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### ANALYSIS REPORT OF NARELA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/4

1179

Dated 09/1/21

1. Name & Address of Ind. / Unit NARELA CETP (22.5 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 11.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.1	6-9	7.5	6-9	7.7
2	TSS	500	250	50	100	31.3
3	COD	268	...	128	250	95.9
4	BOD (3 days at 27° C)	105	...	31	30	19.7
5	Ni	1.03	3	0.99	3	-
6	Cu	ND	3	ND	3	-
7	Zn	3.03	15	2.94	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1300	...	245	1000	-
11	SO <sub>4</sub>	880	...	692	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	28.0	20	0.8	10	-
14	TDS	1700	...	1074	2100	-
15	Ammonical Nitrogen as N	42.2	50	35.5	50	-
16	Sulphide	6.2	...	1.2	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 10.35 MLD

SCIENTIST "D"

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**Dr. Nandita Moitra**  
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### ANALYSIS REPORT OF NARAYANA CETP (21.6 MLD)

Report Number: DPCC/W/CETP/20-21/5 / 2980

Dated 09/2/21

1. Name & Address of Ind. / Unit NARAYANA CETP (21.6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 06.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result:

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.0	6-9	7.2	6-9	7.26
2	TSS	296	250	48	100	55.4
3	COD	220	...	140	250	98.1
4	BOD (3 days at 27° C)	80	...	32	30	20.7
5	Ni	1.15	3	1.07	3	-
6	Cu	0.51	3	0.17	3	-
7	Zn	4.11	15	1.61	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	240	...	140	1000	-
11	SO <sub>4</sub>	584	...	284	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	23.6	20	6.4	10	-
14	TDS	753	...	425	2100	-
15	Ammonical Nitrogen as N	96.4	50	23.9	50	-
16	Sulphide	3.2	...	2.8	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 4.22 MLD

SCIENTIST "D"

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ANALYSIS REPORT OF NANGLOI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/6 / 2981

*Dated 08/2/21*

1. Name & Address of Ind. / Unit NANGLOI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 07.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.1	6-9	6.8	6-9	-
2	TSS	154	250	46	100	-
3	COD	448	...	92	250	-
4	BOD (3 days at 27° C)	105	...	34	30	-
5	Ni	0.83	3	0.75	3	-
6	Cu	0.57	3	0.10	3	-
7	Zn	6.86	15	2.49	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	2425	...	2335	1000	-
11	SO <sub>4</sub>	420	...	292	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	16.0	20	3.2	10	-
14	TDS	2970	...	2770	2100	-
15	Ammonical Nitrogen as N	39.8	50	37.2	50	-
16	Sulphide	6.0	...	2.4	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 2.85 MLD

Remarks: OLMS was not working due to maintenance of pipeline

SCIENTIST "D"

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Scientist 'D'

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### ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/8

12982

Dated 05/01/21

1. Name & Address of Ind. / Unit LAWRENCE ROAD (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 14.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.9	6-9	7.3	6-9	6.15
2	TSS	504	250	268	100	48.0
3	COD	816	...	416	250	186.6
4	BOD (3 days at 27° C)	330	...	175	30	25.2
5	Ni	1.03	3	0.95	3	-
6	Cu	0.14	3	0.15	3	-
7	Zn	2.91	15	2.71	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1680	...	1210	1000	-
11	SO <sub>4</sub>	1197	...	1115	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	32.0	20	8.4	10	-
14	TDS	3270	...	3270	2100	-
15	Ammonical Nitrogen as N	53.4	50	48.5	50	-
16	Sulphide	8.4	...	4.4	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 1.2 MLD

SCIENTIST "D"

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### ANALYSIS REPORT OF GTK CETP (6 MLD)

Report Number: DPCC/W/CETP/20-21/12 / 2986

*dated 09/4/21*

1. Name & Address of Ind. / Unit  
GTK CETP (6 MLD)
2. Sampling location  
Inlet and Outlet of CETP
3. Date of Sampling  
14.01.2021
4. Sample analyzed and results  
DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.2	6-9	7.3	6-9	5.5
2	TSS	804	250	48	100	22.14
3	COD	512	...	128	250	127.8
4	BOD (3 days at 27° C)	195	...	31	30	17.31
5	Ni	1.27	3	1.03	3	-
6	Cu	ND	3	ND	3	-
7	Zn	4.15	15	1.70	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1450	...	440	1000	-
11	SO <sub>4</sub>	384	...	305	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	32.0	20	3.6	10	-
14	TDS	2070	...	1300	2100	-
15	Ammonical Nitrogen as N	62.0	50	43.7	50	-
16	Sulphide	10.0	...	3.2	2.0	-

All values are in mg/l except Ph

... No Standards

ND- Not Detectable

Average Flow: 1.5 MLD

SCIENTIST "D"

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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/13 / 2987

Dated 09/2/21

1. Name & Address of Ind. / Unit MAYAPURI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 06.01.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result :

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.3	6-9	7.3	6-9	8.19
2	TSS	148	250	64	100	53.2
3	COD	240	...	120	250	79.2
4	BOD (3 days at 27° C)	72	...	38	30	24.5
5	Ni	1.51	3	0.57	3	-
6	Cu	0.52	3	0.15	3	-
7	Zn	4.24	15	1.59	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	630	...	570	1000	-
11	SO <sub>4</sub>	469	...	205	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	23.2	20	8.0	10	-
14	TDS	1050	...	1020	2100	-
15	Ammonical Nitrogen as N	40.91	50	10.71	50	-
16	Sulphide	4.4	...	2.1	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Average Flow: 1.89 MLD

SCIENTIST "D"

*N. Moitra*  
Dr. Nandita Moitra  
Scientist 'D'

SCIENTIST "C"