



DELHI POLLUTION CONTROL COMMITTEE
4th Floor I.S.B.T. Building Kashmiri Gate Delhi-6
visit us at : <http://dpcc.delhigovt.nic.in>

ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD)

Report Number: DPCC/W/CETP/19-20/160

1932

6/3/20

1. Name & Address of Ind. / Unit
2. Sampling location
3. Date of Sampling
4. Sample analyzed and results
5. Parameters analyzed and result

LAWRENCE ROAD (12 MLD)
Inlet and Outlet of CETP
11.02.20
DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	-	5.5-9.0	-	5.5-9.0	-	-
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 ₄	-	...	-	1000	-	-
12	Cd	-	1	-	0.05	-	-
13	Oil & Grease	-	20	-	10	-	-
14	TDS	-	...	-	2100	-	-
15	Ammonical Nitrogen as N	-	50	-	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	-	...	-	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Remarks : Plant was non operational.

Nandita

SR.SCIENTIST

Dr. NANDITA MOITRA
Scientist 'C'



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ANALYSIS REPORT OF CETP (12 MLD)

Report Number: DPCC/W/CETP/19-20/154

19 33

6/3/20

1. Name & Address of Ind. / Unit SMA CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 11.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS*	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.4	5.5-9.0	6.6	5.5-9.0	-	-
2	TSS	174	250	58	100	-	-
3	COD	290	...	120	250	-	-
4	BOD (3 days at 27° C)	90	...	30	30	-	-
5	Ni	2.38	3	2.08	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	1.66	15	0.38	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	880	...	905	1000	-	-
11	SO ₄	1460	...	1361	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	22.0	20	3.8	10	-	-
14	TDS	4350	...	2480	2100	-	-
15	Ammonical Nitrogen as N	260	50	29.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	5.2	...	2.0	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

*Refused to carry out calibration.

Flow : 1.67 MLD

Nandita

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ANALYSIS REPORT OF NARELA CETP (24 MLD)

Report Number: DPCC/W/CETP/19-20/156

1934

6/3/20

1. Name & Address of Ind. / Unit
NARELA CETP (24 MLD)
2. Sampling location
Inlet and Outlet of CETP
3. Date of Sampling
06.02.20
4. Sample analyzed and results
DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS*	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.5	5.5-9.0	7.6	5.5-9.0	-	-
2	TSS	452	250	68	100	-	-
3	COD	896	...	120	250	-	-
4	BOD (5 days at 27° C)	280	...	32	30	-	-
5	Ni	2.38	3	0.32	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.72	15	1.87	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	1050	...	1080	1000	-	-
11	SO ₄	1608	...	1307	1000	-	-
12	Cd	ND	0.1	ND	0.05	-	-
13	Oil & Grease	27.6	20	6.4	10	-	-
14	TDS	2940	...	3060	2100	-	-
15	Ammonical Nitrogen as N	153	50	36.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	6.8	2.0	2.4	2.0	-	-

All values are in mg/l except pH

... No Standards

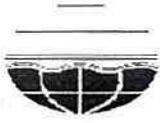
ND- Not Detectable

Flow: 20.3 MLD

*Refused to carry out calibration.

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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD)

Report Number: DPCC/W/CETP/19-20/153 / 1985

6/3/20

1. Name & Address of Ind. / Unit WAZIRPUR CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 11.2.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	4.7	5.5-9.0	6.0	5.5-9.0	7.0	14.28% (+)
2	TSS	188	250	66	100	13	407.69% (-)
3	COD	360	...	148	250	199.5	25.81% (+)
4	BOD (3 days at 27° C)	110	...	30	30	37	18.91% (+)
5	Ni	1.50	3	0.91	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.72	15	0.17	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	350	...	620	1000	-	-
11	SO ₄	1568	...	660	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	24.4	20	2.7	10	-	-
14	TDS	3710	...	1680	2100	-	-
15	Ammonical Nitrogen as N	113	50	29.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	6.8	...	0.8	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.02 MLD

Dr. NANDITA MOITRA
Scientist 'C'

Nandita
SR. SCIENTIST



ANALYSIS REPORT OF OKHLA CETP (24 MLD)

Report Number: DPCC/W/CETP/19-20/155

11936

6/3/20

1. Name & Address of Ind. / Unit OKHLA CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 28.01.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	% Variation		
1	pH	7.8	5.5-9.0	7.9	5.5-9.0	7.46	5.89% (-)
2	TSS	500	250	52	100	68.47	24.05% (+)
3	COD	1120	...	98	250	139.91	29.95% (-)
4	BOD (3 days at 27° C)	330	...	30	30	32.56	7.86% (+)
5	Ni	2.08	3	1.50	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	3.36	15	1.87	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	790	...	440	1000	-	-
11	SO ₄	1242	...	835	1000	-	-
12	Cd	ND	0.1	ND	0.05	-	-
13	Oil & Grease	26.4	20	8.8	10	-	-
14	TDS	1580	...	1690	2100	-	-
15	Ammonical Nitrogen as N	221	50	45	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	6.0	2.0	5.2	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.15 MLD

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ANALYSIS REPORT OF NARAYANA CETP (21.6 MLD)

Report Number: DPCC/W/CETP/19-20/157 | 1937

6/3/20

1. Name & Address of Ind. / Unit NARAYANA CETP (21.6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 07.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.7	5.5-9.0	7.8	5.5-9.0	-	-
2	TSS	252	250	22	100	-	-
3	COD	410	...	56	250	-	-
4	BOD (5 days at 20° C)	130	...	16	30	-	-
5	Ni	1.20	3	0.91	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	3.14	15	2.93	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	375	...	315	1000	-	-
11	SO ₄	1993	...	590	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	27.0	20	2.8	10	-	-
14	TDS	1050	...	882	2100	-	-
15	Ammonical Nitrogen as N	236	50	42.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	3.2	...	2.0	2.0	-	-

All values are in mg/l except pH

... No Standards

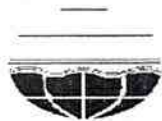
ND- Not Detectable

Flow: 4.12 MLD

Remarks-Calibration not done due to electrical fault.

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N. Moitra
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ANALYSIS REPORT OF NANGLOI CETP (12 MLD)

Report Number: DPCC/W/CETP/19-20/158

1938

6/2/20

1. Name & Address of Ind. / Unit NANGLOI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 05.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.2	5.5-9.0	7.4	5.5-9.0	7.28	1.64% (-)
2	TSS	366	250	74	100	179.5	58.77% (+)
3	COD	680	...	126	250	564.5	77.67% (+)
4	BOD (3 days at 27° C)	210	...	38	30	185.5	79.51% (+)
5	Ni	1.50	3	0.02	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.72	15	1.87	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	2105	...	1115	1000	-	-
11	SO ₄	1189	...	610	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	24.8	20	8.4	10	-	-
14	TDS	3360	...	2380	2100	-	-
15	Ammonical Nitrogen as N	207	50	46	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	5.0	...	3.2	2.0	-	-

All values are in mg/l except pH

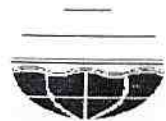
... No Standards

ND- Not Detectable

Flow: 2.5 MLD

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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD)

Report Number: DPCC/W/CETP/19-20/159 / 1939

6/2/20

1. Name & Address of Ind. / Unit MANGOLPURI CETP (2.4 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 05.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.8	5.5-9.0	7.1	5.5-9.0	7.75	8.38% (+)
2	TSS	432	250	64	100	44.7	43.17% (-)
3	COD	890	...	148	250	231.6	36.09% (+)
4	BOD (3 days at 27° C)	280	...	42	30	74.4	43.54% (+)
5	Ni	2.38	3	0.61	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.93	15	0.59	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	2635	...	1025	1000	-	-
11	SO ₄	1609	...	1510	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	26.4	20	4.6	10	-	-
14	TDS	3980	...	3680	2100	-	-
15	Ammonical Nitrogen as N	288	50	48	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	4.8	...	4.0	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow :1.71 MLD

Dr. NANDITA MOITRA
Scientist 'C'

Nandita
SR.SCIENTIST



ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD)

Report Number: DPCC/W/CETP/19-20/161/1940

6/3/20

1. Name & Address of Ind. / Unit JHILMIL CETP (16.8 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 03.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.7	5.5-9.0	7.7	5.5-9.0	8.01	3.87% (+)
2	TSS	180	250	50	100	18.0	177.77% (-)
3	COD	392	...	108	250	75.0	44% (-)
4	BOD (3 days at 27° C)	110	...	28	30	13	115.38% (-)
5	Ni	2.08	3	1.79	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	4.21	15	2.51	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	730	...	715	1000	-	-
11	SO ₄	1003	...	571	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	26.8	20	9.2	10	-	-
14	TDS	1910	...	2010	2100	-	-
15	Ammonical Nitrogen as N	122	50	48	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	7.2	...	6.8	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow : 5.50 MLD

Dr. NANDITA MOITRA
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Nandita
SR.SCIENTIST



ANALYSIS REPORT OF BAWANA CETP (35 MLD)

Report Number: DPCC/W/CETP/19-20/162/1941

6/3/20

1. Name & Address of Ind. / Unit BAWANA CETP (35 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 6.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.3	5.5-9.0	7.4	5.5-9.0	7.55	1.98% (+)
2	TSS	130	250	116	100	96	20.83% (-)
3	COD	280	...	210	250	237.85	11.70% (+)
4	BOD (3 days at 27° C)	84	...	68	30	73.27	7.19% (+)
5	Ni	1.20	3	0.91	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.51	15	0.80	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	3325	...	2645	1000	-	-
11	SO ₄	1018	...	460	1000	-	-
12	Cd	ND	0.1	ND	0.05	-	-
13	Oil & Grease	30.2	20	9.6	10	-	-
14	TDS	4720	...	4230	2100	-	-
15	Ammonical Nitrogen as N	141	50	32.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	6.8	2.0	5.6	2.0	-	-

All values are in mg/l except pH

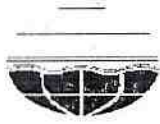
... No Standards

ND- Not Detectable

Flow : 23.34 MLD

Dr. NANDITA MOITRA
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ANALYSIS REPORT OF BADLI CETP (12 MLD)

Report Number: DPCC/W/CETP/19-20/163 11942

6/3/20

1. Name & Address of Ind. / Unit BADLI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 04.02.20
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	5.0	5.5-9.0	6.3	5.5-9.0	8.35	24.55% (+)
2	TSS	72	250	34	100	42.8	20.56% (+)
3	COD	128	...	72	250	98.8	27.12% (+)
4	BOD (3 days at 27° C)	38	...	26	30	25.2	3.17% (-)
5	Ni	3.26	3	0.91	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	2.93	15	1.44	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	95	...	265	1000	-	-
11	SO ₄	1241	...	1042	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	32.0	20	3.2	10	-	-
14	TDS	1770	...	1130	2100	-	-
15	Ammonical Nitrogen as N	425	50	38	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	2.8	...	2.0	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.522 MLD

Dr. NANDITA MOITRA
Scientist 'C'

N. Mehta
SR.SCIENTIST



ANALYSIS REPORT OF GTK CETP (6 MLD)

Report Number: DPCC/W/CETP/19-20/164 **1943**

6/3/20

1. Name & Address of Ind. / Unit
GTK CETP (6 MLD)
2. Sampling location
Inlet and Outlet of CETP
3. Date of Sampling
19.02.20
4. Sample analyzed and results
DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet			% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards	OLMS	
1	pH	7.8	5.5-9.0	7.9	5.5-9.0	7.02	12.53% (-)
2	TSS	184	250	44	100	46.63	5.64% (+)
3	COD	298	...	120	250	124.27	3.43% (+)
4	BOD (5 days at 27°C)	98	...	28	30	28.51	1.78% (+)
5	Ni	1.79	3	0.32	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	9.95	15	1.23	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	850	...	560	1000	-	-
11	SO ₄	1138	...	870	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	26.0	20	5.2	10	-	-
14	TDS	2090	...	1580	2100	-	-
15	Ammonical Nitrogen as N	326	50	28.0	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	4.8	...	0.8	2.0	-	-

All values are in mg/l except Ph
... No Standards

ND- Not Detectable
Flow : 2.50 MLD

Dr. NANDITA MOITRA
Scientist 'C'

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SR.SCIENTIST



ANALYSIS REPORT OF MAYAPURI CETP (12 MLD)

Report Number: DPCC/W/CETP/19-20/165 | 1944

6/3/20

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 07.02.20 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.5	5.5-9.0	7.6	5.5-9.0	8.58	11.42% (+)
2	TSS	380	250	46	100	32	43.75% (-)
3	COD	588	...	98	250	64	53.12% (-)
4	BOD (3 days at 27° C)	192	...	28	30	19.5	43.58% (-)
5	Ni	2.97	3	0.91	3	-	-
6	Cu	ND	3	ND	3	-	-
7	Zn	3.36	15	2.29	5	-	-
8	Cr (Total)	ND	2	ND	2	-	-
9	Pb	ND	1	ND	0.1	-	-
10	Cl	955	...	855	1000	-	-
11	SO ₄	1260	...	1080	1000	-	-
12	Cd	ND	1	ND	0.05	-	-
13	Oil & Grease	25.6	20	4.2	10	-	-
14	TDS	2200	...	2070	2100	-	-
15	Ammonical Nitrogen as N	140	50	48	50	-	-
16	Fluoride	-	15	-	2	-	-
17	Sulphide	3.8	...	2.8	2.0	-	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow : 1.65 MLD

Dr. NANDITA MOITRA
Scientist 'C'

Nandita
SR.SCIENTIST