



DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06
visit us at : <http://dpcc.delhigovt.nic.in>

ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/66/4237

Dated! 13/9/2021

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | WAZIRPUR CETP (24 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 10.08.2021 |
| 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	6.54	6-9	6.76	6-9	7.27
2	TSS	340	250	40	100	13.0
3	COD	310	...	104	250	64.6
4	BOD (3 days at 27° C)	126	...	35	30	12.4
5	Ni	2.23	3	1.08	3	-
6	Cu	ND	3	ND	3	-
7	Zn	0.84	15	0.16	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	890	...	798	1000	-
11	SO ₄	24	...	6.80	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	10.4	20	2.2	10	-
14	TDS	2430	...	2240	2100	-
15	Ammonical Nitrogen as N	40.8	50	16.8	50	-
16	Sulphide	9.60	...	4.20	2.0	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: 3.052 MLD

N. Moitra

I/C LABORATORY

Dr. NANDITA MOITRA
Scientist 'C'

[Signature]

SR. SCIENTIFIC ASSISTANT



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ANALYSIS REPORT OF SMA CETP (12 MLD)

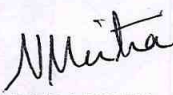
Report Number: DPCC/W/CETP/20-21/67/4238

Dated: 13/9/2021

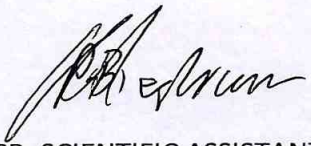
1. Name & Address of Ind. / Unit SMA CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 10.08.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.42	6-9	7.50	6-9	8.53
2	TSS	168	250	32	100	29.89
3	COD	336	...	68	250	35.97
4	BOD (3 days at 27° C)	84	...	20	30	10.49
5	Ni	2.18	3	1.28	3	-
6	Cu	ND	3	ND	3	-
7	Zn	0.33	15	0.29	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1120	...	904	1000	-
11	SO ₄	28.6	...	12.1	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	10.6	20	2.2	10	-
14	TDS	1820	...	1650	2100	-
15	Ammonical Nitrogen as N	10.6	50	2.4	50	-
16	Sulphide	6.4	...	2.0	2.0	-

All values are in mg/l except pH
No Standards
ND- Not Detectable
Flow: 2.35 MLD


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ANALYSIS REPORT OF OKHLA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/68/4239

Dated: 13/9/2021

1. Name & Address of Ind. / Unit OKHLA CETP (24 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 06.08.2021
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	7.75	6-9	7.64	6-9	7.26
2	TSS	772	250	38	100	16.906
3	COD	314	...	88	250	120.14
4	BOD (3 days at 27° C)	100	...	26	30	43.54
5	Ni	2.82	3	2.09	3	-
6	Cu	ND	3	ND	3	-
7	Zn	0.83	15	0.19	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	710	...	220	1000	-
11	SO ₄	30.6	...	13.9	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	16.4	20	2.8	10	-
14	TDS	1280	...	620	2100	-
15	Ammonical Nitrogen as N	50.94	50	16.26	50	-
16	Sulphide	6.60	...	1.6	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.807 MLD

Maitra

I/C LABORATORY

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S.R. Scientific Assistant

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ANALYSIS REPORT OF NARELA CETP (24 MLD)

Report Number: DPCC/W/CETP/20-21/69/4240

Dated: 13/9/2021

1. Name & Address of Ind. / Unit NARELA CETP (22.5 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 05.08.2021
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	7.35	6-9	7.65	6-9	7.88
2	TSS	620	250	34	100	15
3	COD	295	...	84	250	44.8
4	BOD (3 days at 27° C)	86	...	26	30	8.5
5	Ni	1.82	3	1.36	3	-
6	Cu	ND	3	ND	3	-
7	Zn	0.46	15	0.18	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	990	...	642	1000	-
11	SO ₄	121.56	...	101.16	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	22.4	20	2.4	10	-
14	TDS	2260	...	1570	2100	-
15	Ammonical Nitrogen as N	18.24	50	6.46	50	-
16	Sulphide	3.48	...	1.4	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 12.96 MLD

N. Moitra

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ANALYSIS REPORT OF NARAYANA CETP (21.6 MLD)

Report Number: DPCC/W/CETP/20-21/70 /4241

Dated: 13/9/2021

1. Name & Address of Ind. / Unit NARAYANA CETP (21.6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 04.08.2021
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	7.20	6-9	7.30	6-9	8.01
2	TSS	256	250	26	100	13.1
3	COD	548	...	76	250	65.7
4	BOD (3 days at 27° C)	136	...	14	30	12.1
5	Ni	3.0	3	2.10	3	-
6	Cu	ND	3	ND	3	-
7	Zn	4.35	15	0.18	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	617	...	364	1000	-
11	SO ₄	50.91	...	18.44	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	8.4	20	2.8	10	-
14	TDS	635	...	621	2100	-
15	Ammonical Nitrogen as N	30.61	50	6.91	50	-
16	Sulphide	6	...	1.2	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.52 MLD

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ANALYSIS REPORT OF NANGLOI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/71/4242

Dated: 13/9/2021

1. Name & Address of Ind. / Unit NANGLOI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 04.08.2021
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	7.52	6-9	7.76	6-9	7.22
2	TSS	276	250	48	100	81.6
3	COD	604	...	64	250	78.8
4	BOD (3 days at 27° C)	150	...	14	30	9.2
5	Ni	2.36	3	1.20	3	-
6	Cu	ND	3	ND	3	-
7	Zn	2.37	15	0.82	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1461	...	901	1000	-
11	SO ₄	18.1	...	12.6	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	15.8	20	2.4	10	-
14	TDS	1980	...	1120	2100	-
15	Ammonical Nitrogen as N	16.19	50	3.14	50	-
16	Sulphide	4.26	...	1.8	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW: 3.255 MLD

I/C LABORATORY

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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD)

Report Number: DPCC/W/CETP/20-21/72/4243

Dated : 13/9/2021

1. Name & Address of Ind. / Unit MANGOLPURI CETP (2.4 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 04.08.2021
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	7.46	6-9	7.80	6-9	7.50
2	TSS	372	250	34	100	95.3
3	COD	716	...	76	250	45.2
4	BOD (3 days at 27° C)	180	...	18	30	7.5
5	Ni	1.26	3	0.92	3	-
6	Cu	ND	3	ND	3	-
7	Zn	2.04	15	0.80	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	2648	...	961	1000	-
11	SO ₄	42.8	...	23.2	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	9.2	20	4.2	10	-
14	TDS	2720	...	1430	2100	-
15	Ammonical Nitrogen as N	26.66	50	1.28	50	-
16	Sulphide	7	...	2.8	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.2 MLD

N. Mitta
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ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/73/4244

dated: 13/9/2021

1. Name & Address of Ind. / Unit
LAWRENCE ROAD (12 MLD)
2. Sampling location
Inlet and Outlet of CETP
3. Date of Sampling
10.08.2021
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	7.18	6-9	7.35	6-9	-
2	TSS	252	250	70	100	40.15
3	COD	236	...	120	250	97.7
4	BOD (3 days at 27° C)	118	...	40	30	27.0
5	Ni	2.06	3	0.92	3	-
6	Cu	ND	3	ND	3	-
7	Zn	0.36	15	0.28	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	918	...	460	1000	-
11	SO ₄	60.48	...	42.10	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	22.4	20	8.8	10	-
14	TDS	1560	...	1420	2100	-
15	Ammonical Nitrogen as N	12.14	50	1.80	50	-
16	Sulphide	7.6	...	3.8	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.64 MLD

N. Moitra
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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD)

Report Number: DPCC/W/CETP/20-21/74/4245

Dated: 13/9/2021

1. Name & Address of Ind. / Unit JHILMIL CETP (16.8 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 09.08.2021
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

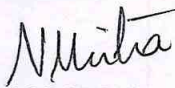
S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.71	6-9	7.17	6-9	6.71
2	TSS	460	250	60	100	37.5
3	COD	352	...	74	250	32.7
4	BOD (3 days at 27° C)	150	...	25	30	10.8
5	Ni	0.92	3	0.28	3	-
6	Cu	ND	3	ND	3	-
7	Zn	2.86	15	2.34	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1264	...	940	1000	-
11	SO ₄	247	...	56	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	20.8	20	3.2	10	-
14	TDS	1420	...	1270	2100	-
15	Ammonical Nitrogen as N	14.18	50	6.40	50	-
16	Sulphide	5.2	...	1.2	2.0	-


All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.98 MLD


I/C LABORATORY
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ANALYSIS REPORT OF BAWANA CETP (35 MLD)

Report Number: DPCC/W/CETP/20-21/75/4246

Dated: 13/9/2021

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 05.08.2021 |
| 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	7.25	6-9	7.48	6-9	6.4
2	TSS	332	250	72	100	36.2
3	COD	644	...	96	250	105.2
4	BOD (3 days at 27° C)	160	...	24	30	21.0
5	Ni	1.83	3	0.46	3	
6	Cu	ND	3	ND	3	-
7	Zn	0.96	15	0.86	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1096	...	628	1000	-
11	SO ₄	60.51	...	26.41	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	20.4	20	4.2	10	-
14	TDS	2200	...	1310	2100	-
15	Ammonical Nitrogen as N	28.18	50	6.18	50	-
16	Sulphide	7.6	...	1.6	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 18.132 MLD

Maitra
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ANALYSIS REPORT OF BADLI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/76/4247

date: 13/9/2021

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 04.08.2021 |
| 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 ₄	-	...	-	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.

Flow – 0.902 MLD

Remarks: Sampling was not done as plant was non-operational at the time of inspection.

Mandita

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ANALYSIS REPORT OF GTK CETP (6 MLD)

Report Number: DPCC/W/CETP/20-21/77/4248

Dated: 13/9/2021

1. Name & Address of Ind. / Unit GTK CETP (6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 10.08.2021
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	7.22	6-9	7.39	6-9	6.90
2	TSS	428	250	36	100	36.15
3	COD	432	...	76	250	89.16
4	BOD (3 days at 27° C)	116	...	22	30	18.59
5	Ni	1.89	3	0.96	3	-
6	Cu	ND	3	ND	3	-
7	Zn	5.2	15	1.26	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1080	...	574	1000	-
11	SO ₄	74.89	...	11.61	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	14	20	6.2	10	-
14	TDS	1860	...	762	2100	-
15	Ammonical Nitrogen as N	54.2	50	8.96	50	-
16	Sulphide	4.2	...	2	2.0	-

All values are in mg/l except Ph

... No Standards

ND- Not Detectable

Flow: 0.175 MLD

I/C LABORATORY

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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD)

Report Number: DPCC/W/CETP/20-21/78/4249

Dated: 13/9/2021

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 04.08.2021 |
| 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	7.23	6-9	7.59	6-9	7.41
2	TSS	360	250	36	100	95.0
3	COD	780	...	108	250	174.5
4	BOD (3 days at 27° C)	198	...	24	30	32.9
5	Ni	1.06	3	0.92	3	
6	Cu	ND	3	ND	3	-
7	Zn	3.05	15	0.45	5	-
8	Cr (Total)	ND	2	ND	2	-
9	Pb	ND	1	ND	0.1	-
10	Cl	1110	...	798	1000	-
11	SO ₄	20.16	...	16.48	1000	-
12	Cd	ND	1	ND	0.05	-
13	Oil & Grease	7.6	20	2.2	10	-
14	TDS	1690	...	1430	2100	-
15	Ammonical Nitrogen as N	16.18	50	6.14	50	-
16	Sulphide	8	...	1.6	2.0	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.152 MLD

Mitra

I/C LABORATORY
Dr. NANDITA MOITRA
Scientist 'C'

S. R. Scientific Assistant

SR. SCIENTIFIC ASSISTANT