



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) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/79/5151

Dated 07/11/2022

1. Name & Address of Ind. / Unit : **WAZIRPUR CETP (24 MLD)**
2. Sampling location : **Inlet and Outlet of CETP**
3. Date of Sampling : **06.10.2022**
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	5.5-9.0	7.6	6-9	7.7
2	TSS	272	600	70	100	38.4
3	COD	368	750	82	250	87.1
4	BOD (3 days at 20°C)	118	300	26	30	25.4
5	Ni	1.12	3.0	0.62	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.42	15.0	1.06	5.0	-
8	Cr (Total)	0.10	2.0	0.02	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	9.6	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	59.6	50	12.2	50	-
14	Sulphide	4.2	5.0	1.6	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	5.8	15.0	1.1	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: 3.00MLD

Motira

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 SMA CETP (12 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/80 /S150

Date: 07/11/2022

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.10.2022
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	5.5-9.0	7.7	6-9	7.8
2	TSS	442	600	68	100	11.80
3	COD	392	750	108	250	73.94
4	BOD (3 days at 27° C)	136	300	28	30	6.87
5	Ni	2.8	3.0	0.71	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.23	15.0	0.81	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	10.4	20.0	5.0	10.0	-
13	Ammonical Nitrogen as N	28.6	50	6.8	50	-
14	Sulphide	7.3	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	82.1	15.0	2.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.3	50	-

All values are in mg/l except pH
No Standards
ND- Not Detectable
Flow: 2.99 MLD

Nandita Motira
I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 OKHLA CETP (24 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/81

5149

Dated 07/11/2022

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.10.2022
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	5.5-9.0	7.64	6-9	8.5
2	TSS	548	600	82	100	3.9
3	COD	652	750	112	250	3.6
4	BOD (3 days at 27° C)	280	300	30	30	3.2
5	Ni	37.2	3.0	0.23	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.4	15.0	1.07	5.0	-
8	Cr (Total)	0.67	2.0	0.23	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	37.2	20.0	7.0	10.0	-
13	Ammonical Nitrogen as N	62.7	50	22.1	50	-
14	Sulphide	7.3	5.0	1.3	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	141	15.0	4.3	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.34MLD

Nandita
I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 NARELA CETP (24 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/82 | 5148

Dated 07/11/2022

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 11.10.2022
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	5.5-9.0	7.8	6-9	7.6
2	TSS	456	600	76	100	9.8
3	COD	300	750	132	250	50.9
4	BOD (3 days at 27° C)	224	300	26	30	11.5
5	Ni	1.52	3.0	0.38	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.06	15.0	0.58	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	19.6	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	17.3	50	8.2	50	-
14	Sulphide	8.6	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	62.1	15.0	3.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow:12.73MLD

N. Motira
I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 NARAIANA CETP (21.6 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/83 | 5147

Dated 07/11/2022

1. Name & Address of Ind. / Unit : **NARAIANA CETP (21.6 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 04.10.2022
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	5.5-9.0	7.4	6-9	7.3
2	TSS	428	600	70	100	28.7
3	COD	488	750	116	250	46.9
4	BOD (5 days at 27° C)	196	300	24	30	15.7
5	Ni	0.98	3.0	0.34	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.30	15.0	0.76	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	14.8	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	29.3	50	3.8	50	-
14	Sulphide	8.7	5.0	1.3	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	7.9	15.0	2.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.0 MLD

Nandita
I/C LABORATORY
Dr. NANDITA MOTIL A
Scientist C



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 NANGLOI CETP (12 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/84 | 5146

Dated 07/11/2022

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 04.10.2022
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	5.5-9.0	7.5	6-9	7.4
2	TSS	460	600	76	100	39.1
3	COD	452	750	124	250	47.9
4	BOD (3 days at 27° C)	172	300	30	30	15.4
5	Ni	0.89	3.0	0.46	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.34	15.0	1.02	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	13.6	20.0	4.2	10.0	-
13	Ammonical Nitrogen as N	19.3	50	2.9	50	-
14	Sulphide	8.3	5.0	1.7	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	16.3	15.0	1.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW:3.08 MLD

Nandita
I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/85 (5145)

dated 07/11/2022

- | | |
|-----------------------------------|----------------------------------|
| 1. Name & Address of Ind. / Unit | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 04.10.2022 |
| 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	5.5-9.0	7.5	6-9	8.0
2	TSS	456	600	96	100	44.2
3	COD	596	750	160	250	72.3
4	BOD (5 days at 27° C)	236	300	28	30	15.1
5	Ni	1.82	3.0	0.38	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.63	15.0	0.28	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	14.8	20.0	5.8	10.0	-
13	Ammonical Nitrogen as N	22.3	50	4.6	50	-
14	Sulphide	9.2	5.0	1.6	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	115	15.0	3.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.72 MLD

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/86 / 5144

Dated 07/11/2022

- | | |
|-----------------------------------|-------------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.10.2022 |
| 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	5.5-9.0	7.4	6-9	-
2	TSS	524	600	108	100	19.08
3	COD	404	750	130	250	106.44
4	BOD (3 days at 27° C)	172	300	48	30	19.63
5	Ni	1.66	3.0	1.18	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.52	15.0	0.72	5.0	-
8	Cr (Total)	0.59	2.0	0.28	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	22	20.0	12.2	10.0	-
13	Ammonical Nitrogen as N	24.4	50	5.3	50	-
14	Sulphide	112	5.0	9.1	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	8.9	15.0	3.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	1.7	...	0.4	50	-

*Remarks: During monitoring pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.67 MLD

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist (C)



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 JHILMIL CETP (16.8 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/87 / 5143

Dated 07/11/2022

- | | |
|-----------------------------------|--------------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 17.10.2022 |
| 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	5.5-9.0	7.7	6-9	-
2	TSS	444	600	86	100	58.2
3	COD	548	750	132	250	121.6
4	BOD (3 days at 27° C)	228	300	30	30	16.1
5	Ni	0.84	3.0	0.56	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.06	15.0	0.98	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	24.4	20.0	5.8	10.0	-
13	Ammonical Nitrogen as N	26.3	50	4.8	50	-
14	Sulphide	8.2	5.0	1.8	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	28.4	15.0	3.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

*Remarks: During monitoring pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.37 MLD

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 BAWANA CETP (35 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/88 | 5142

Dated 07/11/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 11.10.2022 |
| 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	7.4	5.5-9.0	8.0	6-9	-
2	TSS	476	600	90	100	-
3	COD	604	750	128	250	-
4	BOD (3 days at 27° C)	240	300	28	30	-
5	Ni	1.52	3.0	1.08	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	3.4	15.0	1.02	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	25.6	20.0	6.2	10.0	-
13	Ammonical Nitrogen as N	15.6	50	6.2	50	-
14	Sulphide	5.8	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	58.2	15.0	3.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

*Remarks: During Monitoring, OLMS was found non-operational.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 24.44MLD

Motira

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 BADLI CETP (12 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/89 | 514)

date: 07/11/2022

1. Name & Address of Ind. / Unit **BADLI CETP (12 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **10.10.2022**
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	6.7	5.5-9.0	7.4	6-9	8.5
2	TSS	276	600	104	100	3.9
3	COD	304	750	124	250	33.6
4	BOD (3 days at 27°C)	220	300	38	30	3.2
5	Ni	1.72	3.0	1.18	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.26	15.0	1.04	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	16.8	20.0	10.8	10.0	-
13	Ammonical Nitrogen as N	32.3	50	5.8	50	-
14	Sulphide	14.6	5.0	4.8	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	26.4	15.0	5.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.2 MLD

N. Motira

I/C LABORATORY

Dr. NANDITA MOTIRA
Scientist 'C'



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 MAYAPURI CETP (12 MLD) FOR THE MONTH OF OCTOBER-2022

Report Number: DPCC/W/CETP/22-23/91 | 5139

Dated 07/11/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 04.10.2022 |
| 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	7.7	5.5-9.0	8.2	6-9	-
2	TSS	512	600	80	100	-
3	COD	568	750	104	250	-
4	BOD (3 days at 27° C)	228	300	22	30	-
5	Ni	0.82	3.0	0.61	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.98	15.0	0.36	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	18	20.0	6.2	10.0	-
13	Ammonical Nitrogen as N	34.4	50	6.8	50	-
14	Sulphide	24.6	5.0	1.8	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	148.6	15.0	3.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

*Remarks: During monitoring OLMS was found non-operational.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.51MLD

Alkisha
DR/ANALYTICAL
Scientist (C)