

**DELHI POLLUTION CONTROL COMMITTEE****WATER LABORATORY****4<sup>th</sup> 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 NOVEMBER-2022**

Report Number: DPCC/W/CETP/22-23/92/5261

Dated: 19/12/2022

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 03.11.2022
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	7.4	6-9	7.3
2	TSS	288	600	80	100	45.2
3	COD	404	750	120	250	89.3
4	BOD (3 days at 27° C)	136	300	24	30	25.8
5	Ni	1.03	3.0	0.68	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.36	15.0	0.98	5.0	-
8	Cr (Total)	0.12	2.0	0.06	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	11.2	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	54.4	50	11.7	50	-
14	Sulphide	4.7	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	6.1	15.0	1.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

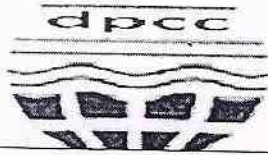
All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: 2.89MLD

i/c LABORATORY  
Dr. NANDITA MOTIRA  
Scientist 'C'



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WATER LABORATORY

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ANALYSIS REPORT OF SMA CETP (12 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/93/5262

Dated: 19/12/2022

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 03.11.2022
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	7.3	5.5-9.0	7.7	6-9	7.8
2	TSS	460	600	76	100	11.95
3	COD	412	750	120	250	121.5
4	BOD (3 days at 27° C)	142	300	24	30	6.87
5	Ni	2.38	3.0	0.69	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.2	15.0	0.94	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	9.2	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	27.2	50	6.5	50	-
14	Sulphide	7.1	5.0	1.1	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	80.9	15.0	2.3	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

All values are in mg/l except pH

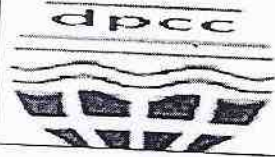
No Standards

ND- Not Detectable

Flow: 2.71 MLD

I/C LABORATORY  
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Scientist 'C'





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**ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF NOVEMBER-2022**

Report Number: DPCC/W/CETP/22-23/94/5263

Dated: 19/12/2022

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 09.11.2022
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	7.1	5.5-9.0	7.5	6-9	7.4
2	TSS	564	600	90	100	56.58
3	COD	668	750	120	250	151.43
4	BOD (3 days at 27° C)	268	300	30	30	21.95
5	Ni	0.64	3.0	ND	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.8	15.0	1.07	5.0	-
8	Cr (Total)	0.71	2.0	0.44	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	36.8	20.0	8.8	10.0	-
13	Ammonical Nitrogen as N	64.5	50	21.3	50	-
14	Sulphide	6.9	5.0	1.5	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	135	15.0	4.0	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: 1.09MLD

*N. Motira*  
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**ANALYSIS REPORT OF NARELA CETP (24 MLD) FOR THE MONTH OF NOVEMBER-2022**

Report Number: DPCC/W/CETP/22-23/95/5264

Dated: 19/12/2022

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 11.11.2022
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	7.3	6-9	7.8
2	TSS	448	600	80	100	16.4
3	COD	292	750	128	250	59.6
4	BOD (3 days at 27° C)	228	300	28	30	13.5
5	Ni	1.01	3.0	0.78	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.54	15.0	0.62	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	20.4	20.0	6.0	10.0	-
13	Ammonical Nitrogen as N	16.8	50	7.9	50	-
14	Sulphide	8.9	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	61.5	15.0	3.1	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:10.96MLD

*M. Motira*  
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ANALYSIS REPORT OF NARAIANA CETP (21.6 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/96 /5265

Date: 19/12/2022

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 14.11.2022
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	7.3	6-9	7.0
2	TSS	456	600	78	100	43.2
3	COD	504	750	130	250	47.7
4	BOD (3 days at 27° C)	208	300	26	30	15.9
5	Ni	0.62	3.0	0.11	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.10	15.0	0.83	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	20.0	5.2	10.0	-
13	Ammonical Nitrogen as N	31.3	50	4.0	50	-
14	Sulphide	9.1	5.0	1.5	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	7.5	15.0	2.3	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

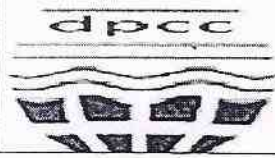
All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.28 MLD

*Motira*  
I/C LABORATORY  
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ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/97/5266

Dated: 19/12/2022

1. Name & Address of Ind. / Unit : NANGLOI CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 14.11.2022
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	6.6	5.5-9.0	7.4	6-9	7.8
2	TSS	472	600	84	100	63.2
3	COD	468	750	120	250	63.2
4	BOD (3 days at 27°C)	180	300	28	30	20.5
5	Ni	0.62	3.0	0.28	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.88	15.0	0.92	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	14.4	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	21.5	50	3.4	50	-
14	Sulphide	7.8	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	15.9	15.0	1.6	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:2.87 MLD

I/C LABORATORY  
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Scientist 'C'





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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/98/5267

Dated: 19/12/2022

- |                                   |                           |
|-----------------------------------|---------------------------|
| 1. Name & Address of Ind. / Unit  | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location              | Inlet and Outlet of CETP  |
| 3. Date of Sampling               | 14.11.2022                |
| 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	8.2
2	TSS	472	600	88	100	61.8
3	COD	604	750	168	250	78.5
4	BOD (3 days at 27° C)	228	300	26	30	16.4
5	Ni	1.54	3.0	0.48	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.82	15.0	0.56	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	13.2	20.0	5.2	10.0	-
13	Ammonical Nitrogen as N	21.7	50	4.1	50	-
14	Sulphide	8.8	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	112	15.0	3.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.73 MLD

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



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ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/99/5268

Dated: 19/12/2022

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  
03.11.2022  
DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS*
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.9	5.5-9.0	7.2	6-9	-
2	TSS	524	600	116	100	57.50
3	COD	412	750	136	250	132.76
4	BOD (3 days at 27° C)	168	300	46	30	21.89
5	Ni	1.81	3.0	1.11	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.48	15.0	0.65	5.0	-
8	Cr (Total)	0.66	2.0	0.36	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	21.6	20.0	12.4	10.0	-
13	Ammonical Nitrogen as N	22.4	50	5.5	50	-
14	Sulphide	10.2	5.0	8.7	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	11.2	15.0	4.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	1.8	...	0.7	50	-

\*Remarks: pH reading not reflect in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.59 MLD

*Motira*

I/C LABORATORY  
Dr. NANDITA MOTIRA  
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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/100/5269

Dated: 19/12/2022

1. Name of CETP
2. Sampling location
3. Date of Sampling
4. Sample analyzed and results
5. Parameters analyzed and result

JHILMIL CETP (16.8 MLD)  
Inlet and Outlet of CETP  
09.11.2022  
DPCC LAB

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	7.0
2	TSS	456	600	92	100	109.7
3	COD	560	750	140	250	91.9
4	BOD (3 days at 27° C)	236	300	28	30	12.2
5	Ni	1.4	3.0	0.8	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.04	15.0	1.9	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	23.6	20.0	6.8	10.0	-
13	Ammonical Nitrogen as N	27.4	50	5.6	50	-
14	Sulphide	7.8	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	25.2	15.0	3.6	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: 5.14 MLD

*N. Mishra*  
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ANALYSIS REPORT OF BAWANA CETP (35 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/101|5270

Dated : 19/12/2022

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

BAWANA CETP (35 MLD)  
Inlet and Outlet of CETP  
11.11.2022  
DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS*
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.1	5.5-9.0	7.8	6-9	7.2
2	TSS	460	600	96	100	13.9
3	COD	592	750	120	250	34.6
4	BOD (3 days at 27° C)	228	300	24	30	6.9
5	Ni	1.82	3.0	1.13	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	4.6	15.0	1.18	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	24.8	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	15	50	7.6	50	-
14	Sulphide	6.1	5.0	1.5	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	56.1	15.0	3.1	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: 24.44MLD

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





# DELHI POLLUTION CONTROL COMMITTEE

## WATER LABORATORY

4<sup>th</sup> 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 NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/102/5271

Dated: 19/12/2022

1. Name & Address of Ind. / Unit  
BADLI CETP (12 MLD)
2. Sampling location  
Inlet and Outlet of CETP
3. Date of Sampling  
10.11.2022
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	7.8	6-9	-
2	TSS	314	600	112	100	-
3	COD	356	750	116	250	-
4	BOD (3 days at 27° C)	208	300	40	30	-
5	Ni	1.82	3.0	1.10	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.76	15.0	1.2	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	17.6	20.0	11.2	10.0	-
13	Ammonical Nitrogen as N	34.1	50	6.2	50	-
14	Sulphide	13.9	5.0	5.1	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	24.8	15.0	5.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

\*Remarks: OLMS was non-functional.

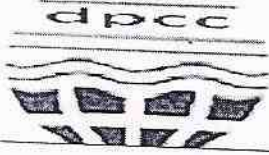
All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.65 MLD

Dr. NANDITA MOTIRA  
Scientist 'C'



**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
4<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06  
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**ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF NOVEMBER-2022**

Report Number: DPCCL/W/CETP/22-23/103/5272

Dated: 19/12/2022

1. Name & Address of Ind. / Unit  
GTK CETP (6 MLD)
2. Sampling location  
Inlet and Outlet of CETP
3. Date of Sampling  
03.11.2022
4. Sample analyzed and results  
DPCCL 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	7.9	6-9	-
2	TSS	848	600	80	100	-
3	COD	440	750	120	250	-
4	BOD (3 days at 27° C)	340	300	28	30	-
5	Ni	0.92	3.0	0.31	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.10	15.0	0.33	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	15.6	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	46.9	50	11.3	50	-
14	Sulphide	7.2	5.0	1.5	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	31.7	15.0	2.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

\*Remarks: OLMS was non-functional.

All values are in mg/l except pH

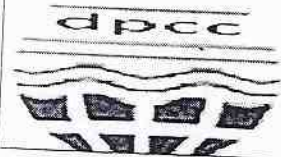
... No Standards

ND- Not Detectable

Flow: 2.49 MLD

*N. Motira*  
I/C LABORATORY  
Dr. NANDITA MOTIRA  
Scientist 'C'





DELHI POLLUTION CONTROL COMMITTEE  
WATER LABORATORY  
4<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06  
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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF NOVEMBER-2022

Report Number: DPCC/W/CETP/22-23/104/5273

Dated: 19/12/2022

- Name & Address of Ind. / Unit MAYAPURI CETP (12 MLD)
- Sampling location Inlet and Outlet of CETP
- Date of Sampling 14.11.2022
- Sample analyzed and results DPCC LAB
- Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.3	5.5-9.0	8.1	6-9	
2	TSS	524	600	92	100	8.3
3	COD	580	750	108	250	90.2
4	BOD (3 days at 27° C)	240	300	22	30	126.5
5	Ni	0.67	3.0	0.12	3.0	24.8
6	Cu	-	3.0	-	3.0	-
7	Zn	0.92	15.0	-	3.0	-
8	Cr (Total)	ND	2.0	0.21	5.0	-
9	Chromium (Hexavalent)	-	2.0	ND	2.0	-
10	Pb	-	1.0	-	...	-
11	Cd	-	1.0	-	0.1	-
12	Oil & Grease	18.4	20.0	-	0.05	-
13	Ammonical Nitrogen as N	33.3	50	7.2	10.0	-
14	Sulphide	22.8	5.0	6.7	50	-
15	FDS	-	2100*	1.2	2.0	-
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	139.5	15.0	-	...	-
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	3.1	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.45MLD

*Mittha*  
I/C LABORATORY  
Dr. NANDITA MOTIRA  
Scientist 'C'