



**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
**4<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06**  
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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF SEPTEMBER-2022

Report Number: DPCC/W/CETP/22-23/66 / 5089

Date: 03/10/2022

- |                                    |   |                          |
|------------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit   | : | WAZIRPUR CETP (24 MLD)   |
| 2. Sampling location               | : | Inlet and Outlet of CETP |
| 3. Date of Sampling                | : | 02.09.2022               |
| 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	7.6	5.5-9.0	7.8	6-9	7.8
2	TSS	268	600	76	100	40.9
3	COD	372	750	88	250	71.6
4	BOD (3 days at 27° C)	112	300	28	30	20.9
5	Ni	1.06	3.0	0.82	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.38	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	10.4	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	53.2	50	11.9	50	-
14	Sulphide	6.2	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	3.9	15.0	2.8	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: 2.50MLD

*Mishra*  
 I/C LABORATORY  
 Dr. NANDITA MOHITA  
 Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/67/S090

Dated: 03/10/2022

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 02.09.2022
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	8.0
2	TSS	438	600	72	100	11.80
3	COD	384	750	112	250	57.94
4	BOD (3 days at 27° C)	124	300	26	30	5.85
5	Ni	2.2	3.0	0.83	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.16	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	9.6	20.0	5.2	10.0	-
13	Ammonical Nitrogen as N	26.3	50	7.1	50	-
14	Sulphide	6.8	5.0	1.3	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenglic 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	89.3	15.0	3.6	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: 2.69 MLD

I/C LABORATORY  
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ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF SEPTEMBER-2022

Report Number: DPCCL/W/CETP/22-23/68/509)

Dated: 03/10/2022

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.09.2022
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	7.6	5.5-9.0	8.3	6-9	7.3
2	TSS	554	600	88	100	56.58
3	COD	634	750	118	250	147.90
4	BOD (3 days at 27° C)	272	300	28	30	19.83
5	Ni	0.76	3.0	ND	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.6	15.0	1.01	5.0	-
8	Cr (Total)	0.58	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	38.4	20.0	6.2	10.0	-
13	Ammonical Nitrogen as N	68.3	50	20.4	50	-
14	Sulphide	8.6	5.0	1.2	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	146.8	15.0	4.1	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

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

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.34MLD

*N. Motira*  
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Scientist 'C'





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**ANALYSIS REPORT OF NARELA CETP (24 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/69/5092

Dated : 03/10/2022

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.09.2022
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	7.9	6-9	7.6
2	TSS	462	600	82	100	6.4
3	COD	286	750	152	250	41.8
4	BOD (3 days at 27° C)	210	300	24	30	9.4
5	Ni	1.71	3.0	0.46	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.18	15.0	0.70	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	22.4	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	16.1	50	8.5	50	-
14	Sulphide	8.2	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	63.8	15.0	3.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow:11.66MLD

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ANALYSIS REPORT OF NARAIANA CETP (21.6 MLD) FOR THE MONTH OF SEPTEMBER-2022

Report Number: DPCC/W/CETP/22-23/70/5093

Dated: 03/10/2022

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 05.09.2022
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	7.31	5.5-9.0	8.02	6-9	7.6
2	TSS	446	600	86	100	57.3
3	COD	496	750	128	250	56.1
4	BOD (3 days at 27° C)	204	300	28	30	18.7
5	Ni	0.83	3.0	0.41	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.20	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	15.2	20.0	5.0	10.0	-
13	Ammonical Nitrogen as N	34.2	50	3.6	50	-
14	Sulphide	9.3	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	7.3	15.0	2.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.5	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.0 MLD

*Nandita*

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**ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/71/5094

Dated: 03/10/2022

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : **Inlet and Outlet of CETP**
3. Date of Sampling : **15.09.2022**
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	7.7	6-9	7.0
2	TSS	476	600	80	100	24.1
3	COD	440	750	132	250	32.0
4	BOD (3 days at 27° C)	168	300	26	30	10.4
5	Ni	0.65	3.0	0.38	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.79	15.0	1.08	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	4.6	10.0	-
13	Ammonical Nitrogen as N	18.8	50	3.2	50	-
14	Sulphide	7.9	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	15.1	15.0	1.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.6	50	-

Remarks: BOD and Other Parameter sensor was not found non-working at the time of Monitoring  
All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW:3.45 MLD

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

Report Number: DPCC/W/CETP/22-23/72/S695

Dated : 03/10/2022

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

**MANGOLPURI CETP (2.4 MLD)**  
 Inlet and Outlet of CETP  
 15.09.2022  
 DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.3	5.5-9.0	7.5	6-9	8.1
2	TSS	464	600	82	100	47.8
3	COD	584	750	176	250	120.3
4	BOD (3 days at 27°C)	232	300	26	30	23.1
5	Ni	1.14	3.0	0.26	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.82	15.0	0.43	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	6.4	10.0	-
13	Ammonical Nitrogen as N	20.1	50	4.2	50	-
14	Sulphide	8.6	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	114.6	15.0	3.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.5	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.75 MLD

*N. Mishra*  
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**ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/73/596

Dated: 03/10/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | LAWRENCE ROAD (12 MLD)   |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 02.09.2022               |
| 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	-
2	TSS	512	600	112	100	32.83
3	COD	392	750	114	250	117.42
4	BOD (3 days at 27° C)	152	300	46	30	28.74
5	Ni	1.82	3.0	1.21	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.68	15.0	0.96	5.0	-
8	Cr (Total)	0.52	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	22.8	20.0	12.8	10.0	-
13	Ammonical Nitrogen as N	21.3	50	5.9	50	-
14	Sulphide	9.3	5.0	4.2	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	161.2	15.0	22.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	1.9	...	0.7	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

*Nandita*  
 I/C LABORATORY  
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**ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/74/5097

Dated: 03/10/2022

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

05.09.2022

DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.8	5.5-9.0	8.2	6-9	7.0
2	TSS	468	600	108	100	180.5
3	COD	516	750	146	250	258.6
4	BOD (3 days at 27° C)	242	300	44	30	47.4
5	Ni	0.92	3.0	0.60	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.03	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	26	20.0	9.0	10.0	-
13	Ammonical Nitrogen as N	28.2	50	5.2	50	-
14	Sulphide	7.9	5.0	3.8	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	32.6	15.0	3.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.42 MLD

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

Report Number: DPCC/W/CETP/22-23/75/5098

Dated : 03/10/2022

1. Name & Address of Ind. / Unit **BAWANA CETP (35 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **14.09.2022**
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	-
2	TSS	482	600	80	100	-
3	COD	596	750	132	250	-
4	BOD (3 days at 27° C)	228	300	26	30	-
5	Ni	1.72	3.0	1.06	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	3.9	15.0	1.31	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	26	20.0	5.4	10.0	-
13	Ammonical Nitrogen as N	14.8	50	7.4	50	-
14	Sulphide	5.7	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	54.3	15.0	3.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

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

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 23.93MLD

I/C LABORATORY

Dr. NANDITA MOTIRA  
Scientist 'C'



**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF SEPTEMBER-2022

Report Number: DPCC/W/CETP/22-23/76/5099

Dated: 03/10/2022

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

BADLI CETP (12 MLD)  
Inlet and Outlet of CETP  
02.09.2022  
DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	-	5.5-9.0	-	6-9	-
2	TSS	-	600	-	100	-
3	COD	-	750	-	250	-
4	BOD (3 days at 27° C)	-	300	-	30	-
5	Ni	-	3.0	-	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	-	15.0	-	5.0	-
8	Cr (Total)	-	2.0	-	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	-	20.0	-	10.0	-
13	Ammonical Nitrogen as N	-	50	-	50	-
14	Sulphide	-	5.0	-	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	-	15.0	-	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	-	...	-	50	-

Remarks: During Monitoring, the plant & OLMS was found non-operational.

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





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**ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/77/5/00

Dated: 03/10/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | GTK CETP (6 MLD)         |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 02.09.2022               |
| 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	7.9	6-9	7.6
2	TSS	884	600	78	100	61.51
3	COD	418	750	108	250	94.62
4	BOD (3 days at 27° C)	338	300	24	30	26.86
5	Ni	0.82	3.0	0.32	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.12	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	15.6	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	46.2	50	12.3	50	-
14	Sulphide	6.8	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	30.3	15.0	3.7	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: 2.34MLD

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



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**ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF SEPTEMBER-2022**

Report Number: DPCC/W/CETP/22-23/78 /S10

Dated : 03/10/2022

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

MAYAPURI CETP (12 MLD)  
 Inlet and Outlet of CETP  
 06.09.2022  
 DPCC LAB

S.No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.4	5.5-9.0	7.7	6-9	8.0
2	TSS	502	600	74	100	87.9
3	COD	556	750	124	250	130.8
4	BOD (3 days at 27° C)	236	300	24	30	25.7
5	Ni	0.76	3.0	0.34	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.91	15.0	0.46	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	19.2	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	32.6	50	7.2	50	-
14	Sulphide	21.3	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	150.1	15.0	3.2	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: 3.47MLD

*Nandita*  
 I/C LABORATORY  
 Dr. NANDITA MOURA  
 Scientist 'C'