



**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
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**ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/131) 5458

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 10.02.2023
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	6.3	5.5-9.0	7.2	6-9	8.0
2	TSS	320	600	68	100	76.5
3	COD	500	750	92	250	89.0
4	BOD (5 days at 27° C)	175	300	24	30	25.9
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	10	20.0	3.8	10.0	-
13	Ammonical Nitrogen as N	39.2	50	11.0	50	-
14	Sulphide	4.3	5.0	1.6	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	3.6	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.6	50	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: - 2.36 MLD

I/C LABORATORY  
**Dr. Nandita Moitra**  
Scientist 'D'



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**ANALYSIS REPORT OF SMA CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/132/5459

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 10.02.2023
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	7.3	6-9	7.9
2	TSS	440	600	60	100	11.38
3	COD	436	750	124	250	35.31
4	BOD (3 days at 27° C)	160	300	22	30	11.93
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	12.4	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	25.8	50	5.5	50	-
14	Sulphide	5.3	5.0	1.2	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	13.6	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

\*Remarks: TSS reading not shown in OLMS.

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 2.71 MLD

*Nandita*  
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**ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/133/5460

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 13.02.2023
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	7.2	6-9	-
2	TSS	548	600	88	100	-
3	COD	688	750	120	250	-
4	BOD (3 days at 27° C)	260	300	26	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	17.6	20.0	7.2	10.0	-
13	Ammonical Nitrogen as N	38.2	50	20.1	50	-
14	Sulphide	5.4	5.0	1.5	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	13.8	15.0	2.9	5.0	-
23	Total Kjeldahi 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: 1.34 MLD

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**ANALYSIS REPORT OF NARELA CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/134/5461

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.02.2023
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	7.1	6-9	8.2
2	TSS	468	600	80	100	49.1
3	COD	340	750	144	250	72.7
4	BOD (3 days at 27° C)	240	300	28	30	15.0
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	17.2	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	16.1	50	6.4	50	-
14	Sulphide	5.2	5.0	1.3	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	15.3	15.0	2.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 10.19 MLD

I/C LABORATORY

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**ANALYSIS REPORT OF NARAIANA CETP (21.6 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/135/5462

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 08.02.2023
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	7.6	6-9	7.6
2	TSS	436	600	90	100	24.5
3	COD	524	750	148	250	53.1
4	BOD (5 days at 27° C)	205	300	28	30	17.7
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	14	20.0	6.4	10.0	-
13	Ammonical Nitrogen as N	27.4	50	2.8	50	-
14	Sulphide	4.9	5.0	1.8	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	9.3	15.0	2.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.72 MLD

I/C LABORATORY

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**ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/136/5463

Dated: 09/03/2023

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 08.02.2023
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	7.5	6-9	7.1
2	TSS	460	600	68	100	38.2
3	COD	448	750	112	250	56.7
4	BOD (3 days at 27° C)	205	300	28	30	18.4
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	15.2	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	18.3	50	2.9	50	-
14	Sulphide	5.1	5.0	1.4	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	13.7	15.0	1.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW: 2.96 MLD

*N. Moitra*

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**ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/137/5464

Dated: 09/03/2023

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| 1. Name & Address of Ind. / Unit  | <b>MANGOLPURI CETP (2.4 MLD)</b> |
| 2. Sampling location              | Inlet and Outlet of CETP         |
| 3. Date of Sampling               | 08.02.2023                       |
| 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	8.0
2	TSS	456	600	52	100	71.1
3	COD	624	750	168	250	80.7
4	BOD (3 days at 27° C)	235	300	22	30	16.8
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	15.2	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	20.9	50	2.9	50	-
14	Sulphide	4.6	5.0	1.3	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	11.2	15.0	2.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.62 MLD

I/C LABORATORY  
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Scientist 'D'



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**ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/138 | 5465

Dated: 09/03/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | LAWRENCE ROAD (12 MLD)   |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 10.02.2023               |
| 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	7.6	6-9	-
2	TSS	520	600	112	100	42.10
3	COD	444	750	140	250	160
4	BOD (3 days at 27° C)	165	300	40	30	20
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	16.4	20.0	8.8	10.0	-
13	Ammonical Nitrogen as N	21.2	50	7.9	50	-
14	Sulphide	5.3	5.0	1.8	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	9.9	15.0	2.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.5	...	0.7	50	-

\*Remarks: pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.60 MLD

I/C LABORATORY  
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**ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/139/5466

Dated: 09/03/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name of CETP                   | JHILMIL CETP (16.8 MLD)  |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 09.02.2023               |
| 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	7.0
2	TSS	460	600	92	100	173.8
3	COD	560	750	132	250	275.0
4	BOD (3 days at 27° C)	240	300	24	30	36.6
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	16.4	20.0	6.4	10.0	-
13	Ammonical Nitrogen as N	25.4	50	4.5	50	-
14	Sulphide	5.0	5.0	1.7	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	15.8	15.0	3.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.22 MLD

*Maitra*  
I/C LABORATORY

**Dr. Nandita Moitra**  
Scientist 'D'



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**ANALYSIS REPORT OF BAWANA CETP (35 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/140/5469

Dated: 09/03/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | BAWANA CETP (35 MLD)     |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 07.02.2023               |
| 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	7.3	6-9	7.2
2	TSS	444	600	82	100	46.8
3	COD	584	750	132	250	85.0
4	BOD (3 days at 27° C)	220	300	27	30	17.0
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	16.8	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	13.6	50	4.7	50	-
14	Sulphide	4.9	5.0	1.4	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	14.9	15.0	3.3	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 24.18 MLD

*N. Moitra*  
I/C LABORATORY

**Dr. Nandita Moitra**  
Scientist 'D'





**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 FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/141/5468

Dated: 09/03/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | BADLI CETP (12 MLD)      |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 20.02.2023               |
| 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	8.18
2	TSS	188	600	82	100	28.4
3	COD	268	750	108	250	57.2
4	BOD (5 days at 27° C)	100	300	28	30	15
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	15.6	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	31.5	50	6.3	50	-
14	Sulphide	4.7	5.0	1.6	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	14.1	15.0	4.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.7 MLD

*N. Moitra*  
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**ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/142/5469

Dated: 09/03/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | GTK CETP (6 MLD)         |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 10.02.2023               |
| 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	7.6
2	TSS	452	600	84	100	61.51
3	COD	656	750	104	250	90.84
4	BOD (5 days at 27° C)	240	300	26	30	27.06
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	13.2	20.0	4.1	10.0	-
13	Ammonical Nitrogen as N	37.2	50	13.6	50	-
14	Sulphide	4.6	5.0	1.4	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	13.3	15.0	2.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.19 MLD

I/C LABORATORY  
**Dr. Nandita Moitra**  
Scientist 'D'





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**ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2023**

Report Number: DPCC/W/CETP/22-23/143/5470

Dated: 09/02/2023

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | MAYAPURI CETP (12 MLD)   |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 08.02.2023               |
| 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	8.4
2	TSS	528	600	72	100	58.4
3	COD	580	750	116	250	118.7
4	BOD (3 days at 27° C)	240	300	26	30	22.9
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	16.8	20.0	5.1	10.0	-
13	Ammonical Nitrogen as N	32.3	50	6.6	50	-
14	Sulphide	3.4	5.0	1.6	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	0.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	11.7	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.56 MLD

I/C LABORATORY  
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Scientist 'D'