

**DELHI POLLUTION CONTROL COMMITTEE**

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocmms.nic.in>)

**ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/131/ 699

Dated: 07/03/24

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.02.2024
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	8.4
2	TSS	324	600	48	100	39.7
3	COD	480	750	64	250	143.4
4	BOD (3 days at 27° C)	19	300	18	30	15.9
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	18.8	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	31.2	50	8.6	50	-
14	Sulphide	4.2	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	6.2	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.8	50	-

All values are in mg/l except pH
 ...No Standards
 Flow: - 4.28 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-2024**

Report Number: DPCC/W/CETP/23-24/132/ 700

Dated:

07/03/2024

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.02.2024
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	7.6
2	TSS	384	600	62	100	25.7
3	COD	560	750	64	250	21.2
4	BOD (3 days at 27° C)	165	300	20	30	8.8
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	16.4	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	23.5	50	4.2	50	-
14	Sulphide	4.5	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	12.5	15.0	1.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

All values are in mg/l except pH

...No Standards

Flow: 3.94 MLD

I/C LABORATORY

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**ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/133/ 201

Dated: 07/03/2024

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 05.02.2024
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	7.6	6-9	6.7
2	TSS	352	600	68	100	27.7
3	COD	560	750	64	250	424.2
4	BOD (3 days at 27° C)	185	300	26	30	27.4
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	16.4	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	31.3	50	15.6	50	-
14	Sulphide	4.4	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	11.8	15.0	1.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 2.09 MLD

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**ANALYSIS REPORT OF NARELA CETP (24 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/134/ 702

Dated: 07/03/2024

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 20.02.2024
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	7.5	6-9	6.6
2	TSS	288	600	54	100	8.6
3	COD	360	750	96	250	51.7
4	BOD (3 days at 27° C)	100	300	22	30	10.7
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	15.6	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	13.7	50	6.5	50	-
14	Sulphide	4.1	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	14.8	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 10.13 MLD

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1. ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2024

Report Number: DPCC/W/CETP/23-24/135/703

Dated: 07/03/2024

2. Name & Address of Ind. / Unit : NANGLOI CETP (12 MLD)
3. Sampling location : Inlet and Outlet of CETP
4. Date of Sampling : 19.02.2024
5. Sample analyzed and results : DPCC LAB
6. 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	6.7
2	TSS	344	600	40	100	22.1
3	COD	400	750	96	250	84.8
4	BOD (3 days at 27° C)	150	300	18	30	15.1
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	4.4	10.0	-
13	Ammonical Nitrogen as N	26.4	50	2.4	50	-
14	Sulphide	3.8	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	9.6	15.0	1.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.47 MLD

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**ANALYSIS REPORT OF NARAINA CETP (21.6 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/136/ 704

Dated: 07/03/2024

1. Name & Address of Ind. / Unit : **NARAINA CETP (21.6 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 19.02.2024
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	7.2
2	TSS	376	600	52	100	46.8
3	COD	440	750	80	250	103.0
4	BOD (3 days at 27° C)	115	300	26	30	21.5
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	9.2	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	19.9	50	2.1	50	-
14	Sulphide	4.5	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	13.2	15.0	1.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

FLOW: 4.50 MLD

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**ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/137/ 705

Dated: 07/03/2024

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

19.02.2024

DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.6	5.5-9.0	7.2	6-9	7.2
2	TSS	432	600	50	100	10.0
3	COD	440	750	64	250	24.7
4	BOD (3 days at 27° C)	135	300	18	30	3.1
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	14.4	20.0	8.8	10.0	-
13	Ammonical Nitrogen as N	14.9	50	2.6	50	-
14	Sulphide	3.1	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	10.4	15.0	2.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.50 MLD

I/C LABORATORY

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(Visit us at <https://www.dpccocmms.nic.in>)**ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/138/ 706

Dated: 07/03/2024

- | | |
|-----------------------------------|-------------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.02.2024 |
| 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	7.4	6-9	-
2	TSS	432	600	52	100	-
3	COD	680	750	112	250	-
4	BOD (3 days at 27° C)	170	300	24	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	14.8	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	16.9	50	8.2	50	-
14	Sulphide	4.2	5.0	1.1	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	12.3	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.6	50	-

*Remarks: OLMS was non-functional

All values are in mg/l except pH

... No Standards

Flow: 1.56 MLD


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**ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/139/ 707

Dated: 07/03/2024

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 14.02.2024 |
| 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	7.6	6-9	-
2	TSS	460	600	74	100	-
3	COD	640	750	176	250	-
4	BOD (3 days at 27° C)	185	300	30	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	12	20.0	3.6	10.0	
13	Ammonical Nitrogen as N	25.1	50	3.6	50	-
14	Sulphide	4.1	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	10.5	15.0	2.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

*Remarks: OLMS was non-functional

All values are in mg/l except pH

... No Standards

Flow: 3.42 MLD

I/C LABORATORY

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**ANALYSIS REPORT OF BAWANA CETP (35 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/140/ 708

Dated: 07/03/2024

- | | | |
|----|--------------------------------|--------------------------|
| 1. | Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. | Sampling location | Inlet and Outlet of CETP |
| 3. | Date of Sampling | 20.02.2024 |
| 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	8.4
2	TSS	320	600	54	100	39.7
3	COD	400	750	96	250	77.2
4	BOD (3 days at 27° C)	170	300	20	30	21.6
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	14.8	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	13.2	50	4.6	50	-
14	Sulphide	4.1	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	12.3	15.0	3.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.7	50	-

All values are in mg/l except pH

... No Standards

Flow: 18.70 MLD

Nandita
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Scientist 'D'

**DELHI POLLUTION CONTROL COMMITTEE**

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building

Kashmere Gate, Delhi 110006

(Visit us at <https://www.dpccomms.nic.in>)**ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2024**

Report Number: DPCC/W/CETP/23-24/141/ 709

Dated: 07/03/2024

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.02.2024 |
| 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	8.5
2	TSS	372	600	56	100	9.2
3	COD	480	750	112	250	25.3
4	BOD (3 days at 27° C)	110	300	26	30	7.1
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	4.4	10.0	-
13	Ammonical Nitrogen as N	33.2	50	7.2	50	-
14	Sulphide	4.5	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	13.2	15.0	1.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: - 4.04 MLD

Nandita

I/C LABORATORY

Dr. Nandita Moitra
Scientist 'D'



ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF FEBRUARY-2024

Report Number: DPCC/W/CETP/23-24/142/ 710

Dated: 07/03/2024

1. Name & Address of Ind. / Unit **GTK CETP (6 MLD)**
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 06.02.2024
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	7.6	6-9	-
2	TSS	456	600	50	100	-
3	COD	480	750	80	250	-
4	BOD (3 days at 27° C)	125	300	24	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	10.8	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	34.2	50	8.1	50	-
14	Sulphide	4.2	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	12.6	15.0	1.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.7	50	-

*Remarks: OLMS was Non-operational

All values are in mg/l except pH

... No Standards

Flow: 2.25 MLD

N. Mitra
 I/C LABORATORY
Dr. Nandita Moitra
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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF FEBRUARY-2024

Report Number: DPCC/W/CETP/23-24/143/ 711

Dated: 07/03/2024

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|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 19.02.2024 |
| 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	7.5	6-9	7.7
2	TSS	388	600	50	100	34.7
3	COD	480	750	80	250	120.1
4	BOD (3 days at 27° C)	175	300	28	30	15.1
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	10.8	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	37.1	50	4.2	50	-
14	Sulphide	2.6	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	15.4	15.0	2.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.71 MLD

Maita
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