

**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 MAY-2024**

Report Number: DPCC/W/CETP/24-25/14/ 919

Dated: 03/06/2024

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. :
3. Sampling location : Inlet and Outlet of CETP
4. Date of Sampling : 06.05.2024
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	7.6	5.5-9.0	7.4	6-9	7.2
2	TSS	304	600	48	100	50.5
3	COD	424	750	108	250	136.8
4	BOD (3 days at 27° C)	140	300	15	30	15.6
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	3.2	10.0	-
13	Ammonical Nitrogen as N	16.2	50	4.2	50	-
14	Sulphide	3.2	5.0	1.0	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	10.6	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

All values are in mg/l except pH

...No Standards

Flow: - 4.52 MLD

Mitra
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ANALYSIS REPORT OF SMA CETP (12 MLD) FOR THE MONTH OF MAY-2024

Report Number: DPCC/W/CETP/24-25/15/ 920

Dated: 03/06/2024

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.05.2024
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	7.8	5.5-9.0	7.4	6-9	7.3
2	TSS	276	600	38	100	10.0
3	COD	280	750	76	250	24.1
4	BOD (3 days at 27° C)	120	300	15	30	9.1
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	14.4	50	2.4	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	10.8	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.3	50	-

All values are in mg/l except pH

...No Standards

Flow: 3.56 MLD



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

Report Number: DPCC/W/CETP/24-25/16/ 921

Dated: 03/06/24

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 15.05.2024
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	7.1	5.5-9.0	7.6	6-9	7.5
2	TSS	400	600	62	100	60.2
3	COD	544	750	100	250	56.5
4	BOD (3 days at 27° C)	220	300	20	30	29.1
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	12.4	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	18.2	50	4	50	-
14	Sulphide	3.9	5.0	1.0	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	9.2	15.0	2.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 2.37 MLD

Maitra

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

Report Number: DPCC/W/CETP/24-25/17/ 922

Dated: 03/06/2024

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 15.05.2024
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	7.2	5.5-9.0	7.3	6-9	7.3
2	TSS	496	600	46	100	4.4
3	COD	720	750	80	250	5.8
4	BOD (3 days at 27° C)	216	300	25	30	28.2
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	9.6	20.0	1.6	10.0	-
13	Ammonical Nitrogen as N	20.1	50	2.2	50	-
14	Sulphide	4.3	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	10.4	15.0	2.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.6	50	-

All values are in mg/l except pH

... No Standards

Flow: 8.9 MLD

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ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF MAY-2024

Report Number: DPCC/W/CETP/24-25/18/ 923

Dated: 03/06/2024

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.05.2024
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	7.2	5.5-9.0	7.1	6-9	7.4
2	TSS	320	600	40	100	34.0
3	COD	496	750	88	250	60.1
4	BOD (3 days at 27° C)	180	300	15	30	12.7
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	13.6	20.0	2.4	10.0	-
13	Ammonical Nitrogen as N	18.2	50	2.2	50	-
14	Sulphide	3.2	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	6.4	15.0	1.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

All values are in mg/l except pH

... No Standards

Flow: 2.65 MLD

Mishra

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**ANALYSIS REPORT OF NARAINA CETP (21.6 MLD) FOR THE MONTH OF MAY-2024**Report Number: DPCC/W/CETP/24-25/19/ **924**Dated: **03/06/2024**

1. Name & Address of Ind. / Unit : **NARAINA CETP (21.6 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 07.05.2024
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	7.4	5.5-9.0	7.1	6-9	7.6
2	TSS	280	600	42	100	14.4
3	COD	432	750	104	250	87.0
4	BOD (3 days at 27° C)	180	300	26	30	18.3
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	1.2	10.0	-
13	Ammonical Nitrogen as N	9.2	50	2	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	9.5	15.0	1.7	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

All values are in mg/l except pH

... No Standards

FLOW: 4.13 MLD

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

Report Number: DPCC/W/CETP/24-25/20/ 925

Dated: 03/06/2024

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

07.05.2024

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	7.3	6-9	6.7
2	TSS	520	600	28	100	28.3
3	COD	432	750	84	250	112.8
4	BOD (3 days at 27° C)	160	300	20	30	14.5
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	7.2	20.0	2.0	10.0	-
13	Ammonical Nitrogen as N	22	50	5.4	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	1.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.6	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.30 MLD

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ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF MAY-2024

Report Number: DPCC/W/CETP/24-25/21/ 926

Dated: 03/06/2024

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.05.2024 |
| 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	7.1	5.5-9.0	7.0	6-9	-
2	TSS	310	600	40	100	-
3	COD	204	750	88	250	-
4	BOD (3 days at 27° C)	110	300	25	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	9.2	20.0	2.4	10.0	-
13	Ammonical Nitrogen as N	19.6	50	4.0	50	-
14	Sulphide	3.6	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	11.2	15.0	2.8	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: 2.02 MLD

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

Report Number: DPCC/W/CETP/24-25/22/ 927

Dated: 03/06/2024

- | | |
|-----------------------------------|--------------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 14.05.2024 |
| 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	7.3	5.5-9.0	7.4	6-9	-
2	TSS	176	600	58	100	-
3	COD	264	750	84	250	-
4	BOD (3 days at 27° C)	120	300	25	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	10.4	20.0	2.0	10.0	
13	Ammonical Nitrogen as N	12.1	50	4.2	50	-
14	Sulphide	4.0	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	12.1	15.0	3.3	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: MLD

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

Report Number: DPCC/W/CETP/24-25/23/ 928

Dated: 03/06/2024

- | | | |
|----|--------------------------------|--------------------------|
| 1. | Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. | Sampling location | Inlet and Outlet of CETP |
| 3. | Date of Sampling | 15.05.2024 |
| 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	7.8	5.5-9.0	7.5	6-9	8.3
2	TSS	350	600	40	100	32.9
3	COD	528	750	96	250	10.7
4	BOD (3 days at 27° C)	225	300	30	30	3.0
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	12	20.0	2.4	10.0	-
13	Ammonical Nitrogen as N	16.8	50	3.2	50	-
14	Sulphide	3.8	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	12.1	15.0	1.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 19.6 MLD

N. Mitra

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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF MAY-2024

Report Number: DPCC/W/CETP/24-25/24/ 929

Dated: 03/06/2024

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.05.2024 |
| 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	5.5-9.0	7.3	6-9	8.7
2	TSS	476	600	50	100	3.4
3	COD	440	750	96	250	4.6
4	BOD (3 days at 27° C)	160	300	30	30	1.1
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	12.4	20.0	1.6	10.0	-
13	Ammonical Nitrogen as N	18.2	50	3.2	50	-
14	Sulphide	4.1	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	15.0	1.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

All values are in mg/l except pH

... No Standards

Flow: - 3.4 MLD

N. Mishra
I/C LABORATORY
Dr. Nandita Mishra
Scientist 'D'



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

Report Number: DPCC/W/CETP/24-25/25/ 930

Dated: 03/06/2024

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.05.2024 |
| 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	7.3	5.5-9.0	7.1	6-9	-
2	TSS	276	600	56	100	-
3	COD	220	750	100	250	-
4	BOD (3 days at 27° C)	100	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	11.6	20.0	1.2	10.0	-
13	Ammonical Nitrogen as N	24	50	3.6	50	-
14	Sulphide	4.0	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	12.1	15.0	1.3	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.4	50	-

*Remarks: OLMS was Non-operational

All values are in mg/l except pH

... No Standards

Flow: 2.29 MLD

N. Mitra
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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF MAY-2024

Report Number: DPCC/W/CETP/24-25/26/ 931

Dated: Name & Address of Ind. / Unit

MAYAPURI CETP (12 MLD)

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

Inlet and Outlet of CETP

07.05.2024

DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS*
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.0	5.5-9.0	6.9	6-9	-
2	TSS	328	600	62	100	-
3	COD	424	750	128	250	-
4	BOD (3 days at 27° C)	140	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	10.8	20.0	0.4	10.0	-
13	Ammonical Nitrogen as N	14.6	50	6.2	50	-
14	Sulphide	4.2	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	12.3	15.0	2.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.4	50	-

*Remarks: OLMS was non functional

All values are in mg/l except pH

... No Standards

Flow: 3.90 MLD

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