



DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06
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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/14/32

Dated: 06.06/2023

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 22.05.2023
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	6.4	5.5-9.0	7.4	6-9	7.4
2	TSS	332	600	50	100	8.8
3	COD	488	750	84	250	23.8
4	BOD (3 days at 27° C)	163	300	18	30	6.9
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	8.4	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	33.1	50	9.4	50	-
14	Sulphide	3.9	5.0	0.9	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	4.7	15.0	1.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.3	50	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: - 4.13 MLD

N. Moitra

I/C LABORATORY

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

Report Number: DPCC/W/CETP/23-24/15/34

Dated: 06.06.2023

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 09.05.2023
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	6.4	5.5-9.0	7.3	6-9	7.9
2	TSS	372	600	48	100	38.53
3	COD	424	750	96	250	57.15
4	BOD (3 days at 27° C)	150	300	20	30	9.5
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	12.0	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	22.8	50	4.2	50	-
14	Sulphide	4.5	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	13.6	15.0	1.7	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 3.35 MLD

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ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/16/35

Dated: 06/06/2023

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 16.05.2023
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	6.6	5.5-9.0	7.4	6-9	7.3
2	TSS	492	600	74	100	55.28
3	COD	656	750	104	250	87.53
4	BOD (3 days at 27° C)	225	300	29	30	25.68
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	6.0	10.0	-
13	Ammonical Nitrogen as N	34.8	50	18.8	50	-
14	Sulphide	4.6	5.0	1.9	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	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: 1.63 MLD

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

Report Number: DPCC/W/CETP/23-24/17/36

Dated: 06/06/2023

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 22.05.2023
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	7.4	6-9	8.6
2	TSS	352	600	58	100	11.4
3	COD	312	750	116	250	37.0
4	BOD (3 days at 27° C)	115	300	22	30	8.4
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	16.8	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	14.0	50	6.3	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	14.9	15.0	2.0	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: 8.82 MLD

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

Report Number: DPCC/W/CETP/23-24/18/ 37

Dated: 06/06/2023

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 24.05.2023
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	7.6	6-9	7.0
2	TSS	408	600	68	100	14.4
3	COD	504	750	108	250	70.0
4	BOD (3 days at 27° C)	175	300	28	30	23.5
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	14.4	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	27.5	50	2.9	50	-
14	Sulphide	3.8	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	8.0	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.78 MLD

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

Report Number: DPCC/W/CETP/23-24/19/38

Dated: 06/06/2023

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 24.05.2023
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	6.6	5.5-9.0	7.8	6-9	6.5
2	TSS	420	600	66	100	21.0
3	COD	448	750	112	250	55.1
4	BOD (3 days at 27° C)	150	300	28	30	11.9
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	14.0	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	19.3	50	1.7	50	-
14	Sulphide	4.7	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	1.6	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: 3.07 MLD

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

Report Number: DPCC/W/CETP/23-24/20/39

Dated: 06/06/2023

- | | |
|-----------------------------------|---------------------------|
| 1. Name & Address of Ind. / Unit | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 24.05.2023 |
| 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	7.7	6-9	8.1
2	TSS	436	600	42	100	42.0
3	COD	584	750	116	250	142.7
4	BOD (3 days at 27° C)	205	300	22	30	13.5
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	12.4	20.0	4.0	10.0	
13	Ammonical Nitrogen as N	18.7	50	2.7	50	-
14	Sulphide	3.7	5.0	0.9	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	8.6	15.0	2.2	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: 1.76 MLD

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

Report Number: DPCC/W/CETP/23-24/21/ 40

Dated: 06/06/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 08.05.2023 |
| 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	7.4	5.5-9.0	7.3	6-9	-
2	TSS	352	600	104	100	41.0
3	COD	564	750	140	250	156.3
4	BOD (3 days at 27° C)	200	300	42	30	19.8
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	13.2	20.0	6.8	10.0	-
13	Ammonical Nitrogen as N	17.2	50	8.6	50	-
14	Sulphide	4.7	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	11.6	15.0	3.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.7	...	0.5	50	-

*Remarks: pH reading not shown in OLMS.

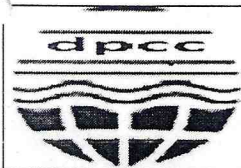
All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.12 MLD

Nandita
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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/22/41

Dated: 06/06/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 18.05.2023 |
| 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	7.9	6-9	7.0
2	TSS	428	600	72	100	27.4
3	COD	560	750	112	250	99.9
4	BOD (3 days at 27° C)	200	300	24	30	7.4
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	3.6	10.0	-
13	Ammonical Nitrogen as N	23.6	50	3.8	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	14.4	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.41 MLD

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

Report Number: DPCC/W/CETP/23-24/23/42

Dated: 06/06/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 22.05.2023 |
| 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	7.7	6-9	7.6
2	TSS	444	600	80	100	35.8
3	COD	576	750	112	250	112.4
4	BOD (3 days at 27° C)	210	300	26	30	22.5
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	16.0	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	13.5	50	4.1	50	-
14	Sulphide	5.0	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	12.9	15.0	3.3	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 24.50 MLD

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



DELHI POLLUTION CONTROL COMMITTEE
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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/24/43

Dated: 06/06/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 09.05.2023 |
| 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	-	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	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	-	15.0	-	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	-	...	-	50	-

*Remarks: Plant was non-operational.

... No Standards

ND- Not Detectable

N. Moitra
I/C LABORATORY
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ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/25/44

Dated: 06/06/2023

1. Name & Address of Ind. / Unit **GTK CETP (6 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **09.05.2023**
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	6.4	5.5-9.0	7.7	6-9	7.6
2	TSS	408	600	76	100	68.83
3	COD	608	750	104	250	113.3
4	BOD (3 days at 27° C)	200	300	26	30	26.0
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	12.8	20.0	3.6	10.0	-
13	Ammonical Nitrogen as N	32.9	50	13.0	50	-
14	Sulphide	4.7	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	13.3	15.0	2.2	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: 2.10 MLD

N. Mitra
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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF MAY-2023

Report Number: DPCC/W/CETP/23-24/26/45

Dated: 06/06/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 24.05.2023 |
| 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	7.8	6-9	7.2
2	TSS	476	600	52	100	35.1
3	COD	544	750	100	250	107.3
4	BOD (3 days at 27° C)	220	300	24	30	14.7
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	16.8	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	33.8	50	5.2	50	-
14	Sulphide	3.6	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	11.4	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.32 MLD

Nandita
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