



DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06
visit us at : <http://dpcc.delhigovt.nic.in>

ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF JANUARY-2023

Report Number: DPCC/W/CETP/22-23/118 | 5395

Dated: 13/2/2023

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 13.01.2023
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	5.7	5.5-9.0	7.3	6-9	8.0
2	TSS	308	600	60	100	29.3
3	COD	512	750	88	250	82.7
4	BOD (3 days at 27° C)	156	300	26	30	24.1
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	9.2	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	48.3	50	10.8	50	-
14	Sulphide	4.8	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	2.8	15.0	2.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.5	50	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: - 2.65 MLD

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



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

Report Number: DPCC/W/CETP/22-23/119 /5396

Dated: 13/2/23

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 09.01.2023
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	7.5	6-9	7.9
2	TSS	454	600	64	100	-
3	COD	420	750	112	250	57.37
4	BOD (3 days at 27° C)	150	300	24	30	8.23
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	25.1	50	5.9	50	-
14	Sulphide	4.4	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	14.5	15.0	1.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

*Remarks: TSS reading not shown in OLMS.

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 2.90 MLD

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

Report Number: DPCC/W/CETP/22-23/120 / 5397

Dated: 13/2/23

1. Name & Address of Ind. / Unit : **OKHLA CETP (24 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 20.01.2023
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	-
2	TSS	560	600	92	100	-
3	COD	676	750	116	250	-
4	BOD (3 days at 27° C)	270	300	28	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	18.8	20.0	8.4	10.0	-
13	Ammonical Nitrogen as N	43.6	50	21.8	50	-
14	Sulphide	4.7	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	14.1	15.0	3.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.4	50	-

*Remarks: OLMS was non functional

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.28 MLD

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

Report Number: DPCC/W/CETP/22-23/121 | 5398

Dated: 13/2/23

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 10.01.2023
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	8.0
2	TSS	456	600	86	100	18.0
3	COD	332	750	128	250	54.4
4	BOD (3 days at 27° C)	235	300	26	30	12.2
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	19.6	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	15.8	50	7.1	50	-
14	Sulphide	4.6	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	14.8	15.0	2.4	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: 11.04 MLD

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

Report Number: DPCC/W/CETP/22-23/122 / 5399

Dated: 13/2/23

1. Name & Address of Ind. / Unit : **NARAIANA CETP (21.6 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 04.01.2023
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	7.6	6-9	6.9
2	TSS	448	600	80	100	8.75
3	COD	512	750	120	250	54.3
4	BOD (3 days at 27° C)	210	300	28	30	18.1
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	5.6	10.0	-
13	Ammonical Nitrogen as N	30.8	50	3.8	50	-
14	Sulphide	4.3	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	8.1	15.0	1.9	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: 4.56 MLD

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

Report Number: DPCC/W/CETP/22-23/123 /5400

Dated: 13/2/23

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 04.01.2023
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	474	600	78	100	35.8
3	COD	464	750	124	250	50.2
4	BOD (3 days at 27° C)	190	300	26	30	16.3
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	14.4	20.0	5.4	10.0	-
13	Ammonical Nitrogen as N	22.1	50	3.6	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	14.9	15.0	1.2	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: 2.79 MLD

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

Report Number: DPCC/W/CETP/22-23/124 / 5401

Dated: 13/2/23

1. Name & Address of Ind. / Unit **MANGOLPURI CETP (2.4 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **04.01.2023**
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	7.2	5.5-9.0	7.6	6-9	8.1
2	TSS	468	600	86	100	61.1
3	COD	616	750	164	250	77.6
4	BOD (3 days at 27° C)	230	300	28	30	16.2
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	14.8	20.0	5.2	10.0	-
13	Ammonical Nitrogen as N	22.5	50	3.4	50	-
14	Sulphide	4.4	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	15.0	3.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.61 MLD

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

Report Number: DPCC/W/CETP/22-23/125 / 5402

Dated: 13/2/23

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 09.01.2023 |
| 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	7.4	6-9	-
2	TSS	516	600	122	100	43.35
3	COD	424	750	140	250	180.36
4	BOD (3 days at 27° C)	170	300	42	30	26.92
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	6.0	10.0	-
13	Ammonical Nitrogen as N	20.8	50	11.7	50	-
14	Sulphide	4.6	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	11.1	15.0	3.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.4	...	0.9	50	-

*Remarks: pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.76 MLD

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

Report Number: DPCC/W/CETP/22-23/126 / 5403

Dated: 13/2/23

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 12.01.2023 |
| 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	7.5	6-9	7.0
2	TSS	452	600	88	100	38.8
3	COD	556	750	136	250	136.2
4	BOD (3 days at 27° C)	230	300	30	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	17.6	20.0	6.8	10.0	-
13	Ammonical Nitrogen as N	25.8	50	4.6	50	-
14	Sulphide	4.7	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	14.3	15.0	2.9	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: 5.36 MLD

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

Report Number: DPCC/W/CETP/22-23/127 /5404

Dated: 13/2/23

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 10.01.2023 |
| 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	-
2	TSS	458	600	92	100	-
3	COD	580	750	124	250	-
4	BOD (3 days at 27° C)	230	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	18.8	20.0	6.4	10.0	-
13	Ammonical Nitrogen as N	14.9	50	4.9	50	-
14	Sulphide	5.8	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	14.2	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

ND- Not Detectable

Flow: 23.75 MLD

Nandita
I/C LABORATORY

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Scientist 'D'



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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF JANUARY-2023

Report Number: DPCC/W/CETP/22-23/128 / 18405

Dated: 13/2/23

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 09.01.2023 |
| 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	7.2	5.5-9.0	7.0	6-9	8.6
2	TSS	168	600	76	100	9.1
3	COD	256	750	112	250	24.7
4	BOD (3 days at 27° C)	80	300	26	30	7.0
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	14.0	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	30.6	50	6.8	50	-
14	Sulphide	4.8	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	13.9	15.0	4.7	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: 3.20 MLD

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ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF JANUARY-2023

Report Number: DPCC/W/CETP/22-23/129 / 13406

Dated: 13/02/23

1. Name & Address of Ind. / Unit **GTK CETP (6 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **13.01.2023**
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	7.2	5.5-9.0	7.5	6-9	-
2	TSS	440	600	80	100	-
3	COD	672	750	115	250	-
4	BOD (3 days at 27° C)	236	300	28	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	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	40.9	50	14.4	50	-
14	Sulphide	4.8	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	14.7	15.0	2.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.4	50	-

*Remarks: OLMS was non-functional.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.38 MLD

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

Report Number: DPCC/W/CETP/22-23/130 / 5407

Dated: 13/2/23

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 04.01.2023 |
| 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	7.8	6-9	9.1
2	TSS	516	600	86	100	68.6
3	COD	576	750	100	250	110.1
4	BOD (3 days at 27° C)	250	300	24	30	22.7
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	18	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	34.1	50	5.9	50	-
14	Sulphide	2.8	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	12.6	15.0	2.6	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: 3.76 MLD

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