



DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06
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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF JULY-2023

Report Number: DPCC/W/CETP/23-24/48/185

Dated: 9/8/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 24.07.2023 |
| 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	7.5	6-9	7.0
2	TSS	468	600	84	100	20.0
3	COD	504	750	120	250	47.4
4	BOD (3 days at 27° C)	173	300	22	30	3.7
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	2.8	10.0	-
13	Ammonical Nitrogen as N	18.6	50	2.2	50	-
14	Sulphide	3.5	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	12.2	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

All values are in mg/l except pH

... No Standards

Flow: 5.5 MLD

I/C LABORATORY
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Scientist 'D'



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

Report Number: DPCC/W/CETP/23-24/52/ 189

Dated: 9/8/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 06.07.2023 |
| 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	7.1
2	TSS	508	600	60	100	51.1
3	COD	520	750	80	250	125.7
4	BOD (3 days at 20° C)	195	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	14.8	20.0	2.0	10.0	-
13	Ammonical Nitrogen as N	30.3	50	4.6	50	-
14	Sulphide	4.5	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	13.7	15.0	1.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.74 MLD

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

Report Number: DPCC/W/CETP/23-24/45/ 189

Dated: 09/08/2023

1. Name & Address of Ind. / Unit : NANGLOI CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.07.2023
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	6.2	5.5-9.0	7.3	6-9	-
2	TSS	432	600	56	100	11.8
3	COD	416	750	80	250	45.2
4	BOD (3 days at 27°C)	133	300	22	30	9.8
5	Ni	-	3.0	-	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	-	15.0	-	3.0	-
8	Cr (Total)	-	2.0	-	5.0	-
9	Chromium (Hexavalent)	-	2.0	-	2.0	-
10	Pb	-	1.0	-	...	-
11	Cd	-	1.0	-	0.1	-
12	Oil & Grease	12.4	20.0	3.6	0.05	-
13	Ammonical Nitrogen as N	22.7	50	1.1	10.0	-
14	Sulphide	3.1	5.0	1.2	50	-
15	Phenolic Compounds	-	5.0	-	2.0	-
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	-	...	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	2.1	5.0	-
				0.4	50	-

*Remarks: pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

FLOW: 2.97 MLD

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

Report Number: DPCC/W/CETP/23-24/49/ 186

Dated: 9/8/2023

1. Name & Address of Ind. / Unit BAWANA CETP (35 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 24.07.2023
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	7.3
2	TSS	480	600	84	100	56.7
3	COD	528	750	108	250	88.4
4	BOD (3 days at 27°C)	190	300	28	30	27.6
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	5.2	10.0	-
13	Ammonical Nitrogen as N	11.7	50	2.9	50	-
14	Sulphide	4.7	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	14.5	15.0	4.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.2	50	-

All values are in mg/l except pH

... No Standards

Flow: 21.73 MLD

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

Report Number: DPCC/W/CETP/23-24/41/ 173

Dated: 9/8/2023

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 20.07.2023
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	7.3	6-9	8.5
2	TSS	388	600	52	100	8.75
3	COD	408	750	88	250	15.0
4	BOD (3 days at 27° C)	130	300	16	30	5.0
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	12.4	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	19.3	50	3.2	50	-
14	Sulphide	4.1	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	14.9	15.0	2.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.2	50	-

All values are in mg/l except pH
No Standards
Flow: 3.51 MLD

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

Report Number: DPCC/W/CETP/23-24/43/ 180

Dated: 9/8/2023

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | NARELA CETP (22.5 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 24.07.2023 |
| 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	8.3
2	TSS	360	600	54	100	9.4
3	COD	296	750	104	250	58.6
4	BOD (5 days at 20° C)	105	300	18	30	11.1
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	15.6	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	11.1	50	4.8	50	-
14	Sulphide	3.8	5.0	0.8	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	12.6	15.0	1.7	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.3	50	-

All values are in mg/l except pH

... No Standards

Flow: 10.59 MLD

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

Report Number: DPCC/W/CETP/23-24/47/ 184

Dated: 9/8/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 20.07.2023 |
| 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	7.2	6-9	-
2	TSS	376	600	92	100	37.05
3	COD	544	750	136	250	150.91
4	BOD (5 days at 27° C)	180	300	30	30	13.0
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	11.6	20.0	6.4	10.0	-
13	Ammonical Nitrogen as N	22.8	50	10.1	50	-
14	Sulphide	3.7	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	10.9	15.0	2.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.7	50	-

*Remarks: pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

Flow: 1.43 MLD

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

Report Number: DPCC/W/CETP/23-24/42/179

Dated: 9/8/23

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 21.07.2023
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	7.1	6-9	7.3
2	TSS	504	600	80	100	56.66
3	COD	624	750	96	250	88.42
4	BOD (3 days at 27° C)	205	300	28	30	28.65
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	5.2	10.0	-
13	Ammonical Nitrogen as N	33.9	50	15.7	50	-
14	Sulphide	3.2	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	13.8	15.0	1.6	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

All values are in mg/l except pH

... No Standards

Flow: 2.90 MLD

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

Report Number: DPCC/W/CETP/23-24/46/ 193

Dated: 07/08/2023

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
06.07.2023
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	7.1	6-9	8.1
2	TSS	444	600	40	100	14.3
3	COD	552	750	100	250	99.0
4	BOD (5 days at 22°C)	180	300	18	30	10.3
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	11.6	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	21.4	50	1.9	50	-
14	Sulphide	4.4	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	9.8	15.0	1.7	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.84 MLD

N. Moitra

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Scientist 'C'



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

Report Number: DPCC/W/CETP/23-24/50/ 157

Dated: 9/8/2023

1. Name & Address of Ind. / Unit BADLI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 20.07.2023
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	6.2	5.5-9.0	7.6	6-9	-
2	TSS	304	600	98	100	-
3	COD	328	750	132	250	-
4	BOD (5 days at 27°C)	126	300	29	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	15.6	20.0	6.4	10.0	-
13	Ammonical Nitrogen as N	30.5	50	5.4	50	-
14	Sulphide	4.4	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	10.9	15.0	3.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.4	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 3.07 MLD

Maitra

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Scientist D



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

Report Number: DPCC/W/CETP/23-24/51/ 132

Dated: 9/8/2023

1. Name & Address of Ind. / Unit GTK CETP (6 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 20.07.2023
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	7.4	6-9	-
2	TSS	424	600	78	100	-
3	COD	576	750	88	250	-
4	BOD (5 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	12	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	28.8	50	11.6	50	-
14	Sulphide	3.9	5.0	0.7	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	15.0	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 2.35 MLD

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



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

Report Number: DPCC/W/CETP/23-24/40/ 177

Dated: 9/8/2023

1. Name & Address of Ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 20.07.2023
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	7.5
2	TSS	352	600	58	100	26.6
3	COD	472	750	80	250	31.3
4	BOD (5 days at 20° C)	136	300	17	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	9.6	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	29.4	50	7.2	50	-
14	Sulphide	4.6	5.0	0.6	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	5.9	15.0	1.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

...No Standards

Flow: - 4.51 MLD

I/C LABORATORY

Dr. Nandita Moitra

Scientist 'D'



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

Report Number: DPCC/W/CETP/23-24/44/181

Dated: 9/8/2023

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 06.07.2023
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	6.9
2	TSS	424	600	62	100	50.8
3	COD	496	750	92	250	49.4
4	BOD (3 days at 22° C)	150	300	26	30	16.5
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	20.0	4.0	10.0	-
13	Ammonical Nitrogen as N	24.8	50	2.1	50	-
14	Sulphide	2.5	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	9.9	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 4.94 MLD

N. Moitra
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