



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 DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/105/5311

05/01/2023

1. Name & Address of ind. / Unit : WAZIRPUR CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 02.12.2022
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	7.4	6-9	8.0
2	TSS	236	600	64	100	29.3
3	COD	352	750	96	250	82.7
4	BOD (3 days at 27° C)	110	300	28	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	10.4	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	51.6	50	12.2	50	-
14	Sulphide	6.8	5.0	1.3	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	3.1	15.0	2.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: - 4.0 MLD

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



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ANALYSIS REPORT OF SMA CETP (12 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/106/5312

05/01/2023

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 02.12.2022
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	7.8
2	TSS	448	600	56	100	11.38
3	COD	424	750	80	250	57.36
4	BOD (3 days at 27° C)	152	300	26	30	11.24
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	4.6	10.0	-
13	Ammonical Nitrogen as N	26.4	50	6.3	50	-
14	Sulphide	7.7	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	81.3	15.0	2.1	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.2	50	-

All values are in mg/l except pH

No Standards

ND- Not Detectable

Flow: 2.85 MLD

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ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/107 /5313

05/01/2023

1. Name & Address of Ind. / Unit : **OKHLA CETP (24 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 14.12.2022
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	7.4	6-9	-
2	TSS	552	600	84	100	-
3	COD	672	750	104	250	-
4	BOD (3 days at 27° c)	280	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	36.4	20.0	7.6	10.0	-
13	Ammonical Nitrogen as N	63.9	50	22.8	50	-
14	Sulphide	7.4	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	128	15.0	3.7	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.8	50	-

*Remarks: OLMS was non functional

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.89 MLD

Maitra

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ANALYSIS REPORT OF NARELA CETP (24 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/108 /5314

05/01/2023

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 08.12.2022
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	7.8
2	TSS	460	600	84	100	15.4
3	COD	344	750	116	250	41.5
4	BOD (3 days at 27° C)	232	300	30	30	9.4
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	19.2	20.0	5.4	10.0	-
13	Ammonical Nitrogen as N	16.4	50	7.6	50	-
14	Sulphide	8.3	5.0	1.2	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	62	15.0	2.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 10.55 MLD

N. Mishra
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ANALYSIS REPORT OF NARAIANA CETP (21.6 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/109/5315

05/01/2023

1. Name & Address of Ind. / Unit : **NARAIANA CETP (21.6 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 08.12.2022
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	7.8	6-9	7.9
2	TSS	440	600	72	100	21.6
3	COD	512	750	116	250	60.9
4	BOD (3 days at 27° C)	212	300	26	30	20.3
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	13.6	20.0	5.8	10.0	-
13	Ammonical Nitrogen as N	28.8	50	4.2	50	-
14	Sulphide	8.5	5.0	1.1	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	8	15.0	2.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.6	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.50 MLD

Nandita
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ANALYSIS REPORT OF NANGLOI CETP (12 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/110/5316

08/01/2023

- | | | |
|-----------------------------------|---|------------------------------|
| 1. Name & Address of Ind. / Unit | : | NANGLOI CETP (12 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 08.12.2022 |
| 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	7.2
2	TSS	468	600	72	100	44.2
3	COD	460	750	116	250	51.5
4	BOD (3 days at 27° C)	196	300	30	30	16.7
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	14	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	20.8	50	3.1	50	-
14	Sulphide	8.1	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	15.5	15.0	1.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW: 3.26 MLD

N. Moitra
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 Scientist (D)



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ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/111/5317

05/01/2023

1. Name & Address of Ind. / Unit **MANGOLPURI CETP (2.4 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **08.12.2022**
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	8.2
2	TSS	464	600	80	100	67.5
3	COD	612	750	156	250	80.2
4	BOD (3 days at 27° C)	234	300	24	30	16.7
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	14.4	20.0	5.8	10.0	-
13	Ammonical Nitrogen as N	21.1	50	3.8	50	-
14	Sulphide	8.6	5.0	1.2	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	114	15.0	3.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.61 MLD

Mishra
I/O LABORATORY
Scientist 'D'



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ANALYSIS REPORT OF LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/112/5318

05/01/2023

- | | |
|-----------------------------------|-------------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.12.2022 |
| 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	-
2	TSS	504	600	106	100	22.41
3	COD	420	750	128	250	105.67
4	BOD (3 days at 27° C)	160	300	44	30	19.37
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	21.6	50	12.6	50	-
14	Sulphide	23.8	5.0	5.3	2.0	-
15	FDS	11.7	2100*	8.4	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	10.9	15.0	3.7	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	1.6	...	0.8	50	-

*Remarks: pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.70 MLD

Nandita
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 Dr. Nandita Moitra



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ANALYSIS REPORT OF JHILMIL CETP (16.8 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/113 15319

05/01/2023

- | | |
|-----------------------------------|--------------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 09.12.2022 |
| 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	7.7	6-9	7.0
2	TSS	448	600	90	100	64.0
3	COD	552	750	128	250	157.3
4	BOD (3 days at 27° C)	222	300	26	30	20.2
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	23.2	20.0	5.8	10.0	-
13	Ammonical Nitrogen as N	26.1	50	5.2	50	-
14	Sulphide	7.5	5.0	1.4	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	26.9	15.0	3.3	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 5.36 MLD

N. Moha
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Scientist 'D'



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ANALYSIS REPORT OF BAWANA CETP (35 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/114/5320

05/01/2023

1. Name & Address of Ind. / Unit
2. Sampling location
3. Date of Sampling
4. Sample analyzed and results
5. Parameters analyzed and result

BAWANA CETP (35 MLD)
Inlet and Outlet of CETP
08.12.2022
DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS*
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.3	5.5-9.0	7.6	6-9	-
2	TSS	462	600	86	100	51.3
3	COD	572	750	126	250	103.9
4	BOD (3 days at 27° C)	218	300	28	30	20.8
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	22.4	20.0	4.2	10.0	-
13	Ammonical Nitrogen as N	15.6	50	5	50	-
14	Sulphide	4.8	5.0	1.2	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	46.8	15.0	3.1	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-

*Remarks: pH reading not shown in OLMS.
All values are in mg/l except pH
... No Standards
ND- Not Detectable
Flow: 19.83 MLD

Nandita
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 DECEMBER-2022

05/01/2023

Report Number: DPCC/W/CETP/22-23/115/5321

1. Name & Address of Ind. / Unit
2. Sampling location
3. Date of Sampling
4. Sample analyzed and results
5. Parameters analyzed and result

BADLI CETP (12 MLD)
 Inlet and Outlet of CETP
 14.12.2022
 DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.8	5.5-9.0	7.3	6-9	8.8
2	TSS	320	600	108	100	20.0
3	COD	364	750	120	250	27.2
4	BOD (3 days at 27° C)	196	300	38	30	12.6
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	17.2	20.0	10.8	10.0	-
13	Ammonical Nitrogen as N	33.7	50	5.9	50	-
14	Sulphide	14.1	5.0	5.3	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	25.2	15.0	5.1	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.7	50	-

All values are in mg/l except pH
 ... No Standards
 ND- Not Detectable
 Flow: 3.32 MLD

N. Moitra
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 Scientist 'D'



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ANALYSIS REPORT OF GTK CETP (6 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/116

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.12.2022 |
| 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	7.5	5.5-9.0	7.7	6-9	-
2	TSS	880	600	696	100	-
3	COD	1520	750	1208	250	-
4	BOD (3 days at 27° C)	370	300	280	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	14.0	10.0	-
13	Ammonical Nitrogen as N	43.4	50	40.6	50	-
14	Sulphide	5.4	5.0	5.0	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	29.4	15.0	27.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

*Remarks: OLMS was non-functional.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.49 MLD

Misha
I/C LABORATORY



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ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF DECEMBER-2022

Report Number: DPCC/W/CETP/22-23/117/5323

05/01/2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 08.12.2022 |
| 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	7.0	5.5-9.0	7.5	6-9	8.5
2	TSS	518	600	88	100	78.4
3	COD	584	750	112	250	129.3
4	BOD (3 days at 27° C)	236	300	24	30	25.3
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	7.8	10.0	-
13	Ammonical Nitrogen as N	31.2	50	6.3	50	-
14	Sulphide	23.6	5.0	1.5	2.0	-
15	FDS	-	2100*	-	...	-
16	Phenolic Compounds	-	5.0	-	...	-
17	Cyanide (CN)	-	2.0	-	...	-
18	Arsenic	-	0.2	-	...	-
19	Mercury	-	0.01	-	...	-
20	Selenium	-	0.05	-	...	-
21	Fluoride	-	15.0	-	...	-
22	Boron	-	2.0	-	...	-
23	Phosphate	130.4	15.0	2.8	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.50 MLD b

N. Moitra

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