



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 AUGUST-2022

Report Number: DPCC/W/CETP/22-23/53/5016

Date: 06/09/2022

- | | | |
|------------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | WAZIRPUR CETP (24 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 03.08.2022 |
| 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	7.6	6-9	7.7
2	TSS	284	600	82	100	11.2
3	COD	392	750	112	250	41.8
4	BOD (3 days at 27° C)	98	300	30	30	12.2
5	Ni	1.08	3.0	0.96	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.45	15.0	1.0	5.0	-
8	Cr (Total)	ND	2.0	ND	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	3.8	10.0	-
13	Ammonical Nitrogen as N	51.6	50	12.2	50	-
14	Sulphide	6.8	5.0	1.9	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	3.7	15.0	2.1	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: 3.16MLD

Misha

I/C LABORATORY

Sr. Assistant Engineer
Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/54 /5017

Dated: 06/09/2022

1. Name & Address of Ind. / Unit : SMA CETP (12 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 03.08.2022
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	7.4
2	TSS	456	600	70	100	87.87
3	COD	408	750	104	250	51.24
4	BOD (3 days at 27° C)	132	300	28	30	6.70
5	Ni	2.41	3.0	0.98	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.12	15.0	0.68	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	8.8	20.0	4.6	10.0	-
13	Ammonical Nitrogen as N	28.1	50	6.9	50	-
14	Sulphide	7.4	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	92.1	15.0	3.2	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.1	50	-

All values are in mg/l except pH

No Standards

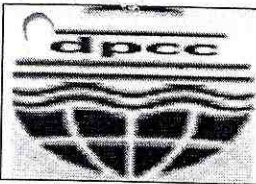
ND- Not Detectable

Flow: 2.89 MLD

Mishra

I/C LABORATORY

Dr. Manoj Kumar Mishra
Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/55/5018

Dated: 06/09/2022

1. Name & Address of Ind. / Unit : OKHLA CETP (24 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 05.08.2022
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	7.9	6-9	-
2	TSS	540	600	72	100	-
3	COD	644	750	128	250	-
4	BOD (3 days at 27° C)	248	300	26	30	-
5	Ni	0.70	3.0	ND	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.2	15.0	1.4	5.0	-
8	Cr (Total)	0.61	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	36	20.0	8.4	10.0	-
13	Ammonical Nitrogen as N	62.6	50	36.1	50	-
14	Sulphide	7.4	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	154.2	15.0	4.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-

Remarks: During Monitoring, OLMS was found non-operational.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.39MLD

Mita
I/C LABORATORY

Dr. Anil Kumar
Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/56 / 5019

Dated: 06/09/2022

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | NARELA CETP (22.5 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 16.08.2022 |
| 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	7.2	6-9	7.8
2	TSS	436	600	88	100	7.6
3	COD	262	750	148	250	47.7
4	BOD (3 days at 27° C)	204	300	22	30	10.4
5	Ni	1.22	3.0	0.54	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.16	15.0	0.90	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	21.2	20.0	8.0	10.0	-
13	Ammonical Nitrogen as N	15.6	50	7.3	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	69.1	15.0	3.4	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.4	50	-

All values are in mg/l except pH

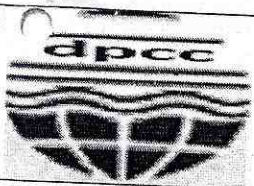
... No Standards

ND- Not Detectable

Flow: 12.15 MLD

N. Mitta
 I/C LABORATORY

Scientist



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ANALYSIS REPORT OF NARAIANA CETP (21.6 MLD) FOR THE MONTH OF AUGUST-2022

Report Number: DPCC/W/CETP/22-23/57/5020

dated: 06/09/2022

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | NARAIANA CETP (21.6 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 02.08.2022 |
| 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	6.5	5.5-9.0	7.6	6-9	6.7
2	TSS	468	600	96	100	11.3
3	COD	456	750	116	250	55.7
4	BOD (3 days at 27° C)	184	300	24	30	18.6
5	Ni	0.77	3.0	0.32	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.08	15.0	0.51	5.0	-
8	Cr (Total)	ND	2.0	ND	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	4.4	10.0	-
13	Ammonical Nitrogen as N	32.6	50	3.2	50	-
14	Sulphide	8.1	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	6.4	15.0	2.9	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: 4.65 MLD

N. Mitha

I/C LABORATORY



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

Report Number: DPCC/W/CETP/22-23/58 /5021

Dated: 06/09/2022

- | | | | |
|----|--------------------------------|---|------------------------------|
| 1. | Name & Address of Ind. / Unit | : | NANGLOI CETP (12 MLD) |
| 2. | Sampling location | : | Inlet and Outlet of CETP |
| 3. | Date of Sampling | : | 02.08.2022 |
| 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	7.23	5.5-9.0	7.6	6-9	7.5
2	TSS	438	600	86	100	17.8
3	COD	412	750	128	250	31.7
4	BOD (3 days at 27° C)	142	300	26	30	10.3
5	Ni	0.44	3.0	0.23	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.88	15.0	1.04	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	13.1	20.0	4.0	10.0	-
13	Ammonical Nitrogen as N	17.2	50	3.9	50	-
14	Sulphide	8.6	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	17.4	15.0	1.6	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.4	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

FLOW:2.71 MLD

Mishra
 I/C LABORATORY

Scientist



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

Report Number: DPCC/W/CETP/22-23/59/5022

dated: 06/09/2022

- | | |
|-----------------------------------|----------------------------------|
| 1. Name & Address of Ind. / Unit | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.08.2022 |
| 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	7.44	5.5-9.0	7.51	6-9	8.0
2	TSS	448	600	82	100	30.1
3	COD	572	750	168	250	45.6
4	BOD (3 days at 27° C)	206	300	24	30	13.9
5	Ni	1.01	3.0	0.35	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.76	15.0	0.47	5.0	-
8	Cr (Total)	ND	2.0	ND	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	6.1	10.0	-
13	Ammonical Nitrogen as N	18.3	50	4.9	50	-
14	Sulphide	9.6	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	116.8	15.0	4.3	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.56 MLD

Mita
I/C LABORATORY

Scientific



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

Report Number: DPCC/W/CETP/22-23/60 / 5023

Dated: 06/09/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 03.08.2022 |
| 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	6.6	5.5-9.0	7.2	6-9	-
2	TSS	508	600	108	100	33.17
3	COD	384	750	132	250	97.26
4	BOD (3 days at 27° C)	148	300	44	30	14.59
5	Ni	1.78	3.0	1.32	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.41	15.0	1.01	5.0	-
8	Cr (Total)	0.66	2.0	0.29	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	12.4	10.0	-
13	Ammonical Nitrogen as N	18.9	50	6.8	50	-
14	Sulphide	8.4	5.0	4.7	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	154.3	15.0	42.7	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	1.6	...	0.8	50	-

Remarks: During monitoring pH reading not shown in OLMS.

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 1.65 MLD

Mishra

I/C LABORATORY

Dr. T. S. ...
Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/61/5024

Dated: 06/09/2022

1. Name of CETP **JHILMIL CETP (16.8 MLD)**
2. Sampling location **Inlet and Outlet of CETP**
3. Date of Sampling **04.08.2022**
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	8.2	6-9	7.0
2	TSS	432	600	106	100	75
3	COD	558	750	138	250	98.5
4	BOD (3 days at 27° C)	212	300	42	30	18.1
5	Ni	0.94	3.0	0.58	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	2.0	15.0	1.12	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	25.4	20.0	7.8	10.0	-
13	Ammonical Nitrogen as N	25.6	50	4.3	50	-
14	Sulphide	8.3	5.0	3.6	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	36.9	15.0	4.2	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: 4.61 MLD

Mitha

I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/62/5025

Dated: 06/09/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 16.08.2022 |
| 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	6.3	5.5-9.0	7.8	6-9	7.2
2	TSS	462	600	86	100	70.9
3	COD	572	750	122	250	105
4	BOD (3 days at 27° C)	218	300	30	30	21
5	Ni	1.86	3.0	1.09	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	4.7	15.0	1.28	5.0	-
8	Cr (Total)	ND	2.0	ND	2.0	-
9	Chromium (Hexavalent)	-	2.0	-	...	-
10	Pb	-	1.0	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	30	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	15.6	50	7.9	50	-
14	Sulphide	5.9	5.0	1.8	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	60.1	15.0	3.5	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: 25.36MLD

Mishra
I/C LABORATORY



DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY
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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF AUGUST-2022

Report Number: DPCC/W/CETP/22-23/63/5626

Dated: 06/09/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 08.08.2022 |
| 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	-	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	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	-	15.0	-	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	-	...	-	50	-

Remarks: During Monitoring, the plant & OLMS was found non-operational.

N. Mishra
I/C LABORATORY



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

Report Number: DPCC/W/CETP/22-23/64 /5027

dated : 06/09/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 03.08.2022 |
| 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	7.2	5.5-9.0	7.6	6-9	7.6
2	TSS	992	600	82	100	61.81
3	COD	406	750	106	250	90.21
4	BOD (3 days at 27° C)	326	300	28	30	27.13
5	Ni	0.73	3.0	ND	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	1.06	15.0	0.33	5.0	-
8	Cr (Total)	ND	2.0	ND	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	3.6	10.0	-
13	Ammonical Nitrogen as N	43.6	50	14.8	50	-
14	Sulphide	5.6	5.0	1.8	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	3.6	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: 2.50MLD

Misha

I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/65/5028

Dated: 06/09/2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.08.2022 |
| 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	7.32	5.5-9.0	7.70	6-9	7.9
2	TSS	496	600	72	100	75.9
3	COD	548	750	106	250	121.4
4	BOD (3 days at 27° C)	216	300	26	30	23.4
5	Ni	0.49	3.0	0.22	3.0	-
6	Cu	-	3.0	-	3.0	-
7	Zn	0.86	15.0	0.28	5.0	-
8	Cr (Total)	ND	2.0	ND	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	4.6	10.0	-
13	Ammonical Nitrogen as N	29.2	50	6.1	50	-
14	Sulphide	17.3	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	148.3	15.0	3.9	5.0	-
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.2	50	-

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 3.39MLD

Maita
I/C LABORATORY

Scientific