

**DELHI POLLUTION CONTROL COMMITTEE**

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
 Kashmere Gate, Delhi 110006
 (Visit us at <https://www.dpccocmms.nic.in>)

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

Report Number: DPCC/W/CETP/23-24/66/298

Dated: 29.9.2023

1. Name & Address of Ind. / Unit : **WAZIRPUR CETP (24 MLD)**
 2. Sampling location : Inlet and Outlet of CETP
 3. Date of Sampling : 15.09.2023
 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	7.0	6-9	8.1
2	TSS	348	600	52	100	39.0
3	COD	448	750	64	250	21.8
4	BOD (3 days at 27° C)	150	300	18	30	8.7
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	10.8	20.0	2.4	10.0	-
13	Ammonical Nitrogen as N	35.8	50	10.1	50	-
14	Sulphide	5.7	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	8.0	15.0	1.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.4	50	-

All values are in mg/l except pH

...No Standards

Flow: - 3.40 MLD

9790/ITC/11
11/10/23

I/C LABORATORY

11, Kasturba Road

Sector 14


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

Report Number: DPCC/W/CETP/23-24/671279

Dated: 29.9.2023

- | | | | |
|----|--------------------------------|---|--------------------------|
| 1. | Name & Address of Ind. / Unit | : | SMA CETP (12 MLD) |
| 2. | Sampling location | : | Inlet and Outlet of CETP |
| 3. | Date of Sampling | : | 15.09.2023 |
| 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	7.8
2	TSS	360	600	62	100	11.25
3	COD	416	750	104	250	24.93
4	BOD (3 days at 27° C)	145	300	18	30	5.5
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	3.2	10.0	-
13	Ammonical Nitrogen as N	25.3	50	4.6	50	-
14	Sulphide	5.0	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	11.6	15.0	1.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	...	0.8	50	-

All values are in mg/l except pH

No Standards

Flow: 4.31 MLD

I/C LABORATORY
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ANALYSIS REPORT OF OKHLA CETP (24 MLD) FOR THE MONTH OF SEPTEMBER-2023

Report Number: DPCC/W/CETP/23-24/68/300

Dated: 29.9.2023

- | | | | |
|----|--------------------------------|---|--------------------------|
| 1. | Name & Address of Ind. / Unit | : | OKHLA CETP (24 MLD) |
| 2. | Sampling location | : | Inlet and Outlet of CETP |
| 3. | Date of Sampling | : | 21.09.2023 |
| 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	7.2	6-9	7.2
2	TSS	472	600	64	100	63.17
3	COD	640	750	84	250	108.33
4	BOD (3 days at 27° C)	236	300	29	30	28.66
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	34.2	50	10.3	50	-
14	Sulphide	4.8	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	12.9	15.0	1.7	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.3	...	0.6	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.55 MLD

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

Report Number: DPCC/W/CETP/23-24/69/301

Dated: 29.9.2023

1. Name & Address of Ind. / Unit : NARELA CETP (22.5 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 15.09.2023
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	8.2
2	TSS	344	600	40	100	13.5
3	COD	344	750	96	250	85.5
4	BOD (3 days at 27 ^o C)	110	300	20	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	16	20.0	5.2	10.0	-
13	Ammonical Nitrogen as N	15.8	50	2.9	50	-
14	Sulphide	4.5	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	14.4	15.0	2.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 10.06 MLD

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

Report Number: DPCC/W/CETP/23-24/70/302

Dated: 29.9.2023

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
 2. Sampling location : Inlet and Outlet of CETP
 3. Date of Sampling : 05.09.2023
 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	7.5	6-9	7.1
2	TSS	420	600	54	100	12.5
3	COD	536	750	80	250	60.3
4	BOD (3 days at 27° C)	180	300	24	30	20.1
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	16	20.0	3.2	10.0	-
13	Ammonical Nitrogen as N	27.1	50	4.0	50	-
14	Sulphide	5.2	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	12.1	15.0	1.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.3	...	0.6	50	-

All values are in mg/l except pH

... No Standards

Flow: 4.88 MLD

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

Report Number: DPCC/W/CETP/23-24/71/303

Dated: 29.9.2023

1. Name & Address of Ind. / Unit : **NANGLOI CETP (12 MLD)**
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 05.09.2023
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	7.2	6-9	6.9
2	TSS	424	600	48	100	8.1
3	COD	440	750	88	250	40.7
4	BOD (3 days at 27° C)	146	300	26	30	7.2
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	13.6	20.0	4.0	10.0	-
13	Ammonical Nitrogen as N	26.4	50	3.7	50	-
14	Sulphide	4.9	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	13.8	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.4	...	0.7	50	-

All values are in mg/l except pH

... No Standards

FLOW: 2.61 MLD

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(Visit us at <https://www.dpccocmms.nic.in>)**ANALYSIS REPORT OF MANGOLPURI CETP (2.4 MLD) FOR THE MONTH OF SEPTEMBER-2023**

Report Number: DPCC/W/CETP/23-24/72/304

Dated: 29.9.2023

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

05.09.2023

DPCC LAB

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	-
2	TSS	428	600	36	100	-
3	COD	600	750	84	250	-
4	BOD (3 days at 27° C)	210	300	22	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	13.2	20.0	5.6	10.0	-
13	Ammonical Nitrogen as N	22.5	50	1.3	50	-
14	Sulphide	5.0	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	11.8	15.0	1.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.1	...	0.6	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.72 MLD

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

Report Number: DPCC/W/CETP/23-24/73/305

Dated: 29.9.2023

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

LAWRENCE ROAD (12 MLD)

Inlet and Outlet of CETP

15.09.2023

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	7.5	6-9	-
2	TSS	360	600	80	100	-
3	COD	584	750	128	250	-
4	BOD (3 days at 27° C)	210	300	26	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	5.2	10.0	-
13	Ammonical Nitrogen as N	23.3	50	11.6	50	-
14	Sulphide	4.2	5.0	1.8	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	14.8	15.0	2.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.8	...	0.6	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 2.38 MLD

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

Report Number: DPCC/W/CETP/23-24/74/306

Dated: 29.9.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.09.2023 |
| 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	6.9
2	TSS	440	600	68	100	32.3
3	COD	536	750	108	250	118.8
4	BOD (3 days at 27° C)	170	300	24	30	8.8
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	15.6	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	21.9	50	4.4	50	-
14	Sulphide	4.7	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	13.2	15.0	3.2	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.4	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.55 MLD

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

Report Number: DPCC/W/CETP/23-24/75/307

Dated: 29/9/2023

- | | | |
|----|--------------------------------|--------------------------|
| 1. | Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. | Sampling location | Inlet and Outlet of CETP |
| 3. | Date of Sampling | 12.09.2023 |
| 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	7.9	6-9	7.5
2	TSS	452	600	72	100	55.0
3	COD	560	750	80	250	98.8
4	BOD (3 days at 27° C)	205	300	26	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	15.2	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	14.1	50	3.2	50	-
14	Sulphide	4.8	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	12.6	15.0	4.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.3	...	0.3	50	-

All values are in mg/l except pH

... No Standards

Flow: 25.62 MLD

I/C LABORATORY

 Dr. Nandita Moitra
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DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocnms.nic.in>)



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

Report Number: DPCC/W/CETP/23-24/76/ 308

Dated: 29.9.2023

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
15.09.2023
DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS*
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	7.1	5.5-9.0	7.9	6-9	-
2	TSS	276	600	92	100	-
3	COD	368	750	104	250	-
4	BOD (3 days at 27° C)	140	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	16	20.0	6.0	10.0	-
13	Ammonical Nitrogen as N	35.6	50	7.1	50	-
14	Sulphide	4.3	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	13.8	15.0	4.5	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.5	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 2.10 MLD

I/C LABORATORY

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

Report Number: DPCC/W/CETP/23-24/78/310

Dated: 29.9.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | MAYAPURI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 05.09.2023 |
| 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	484	600	50	100	72.5
3	COD	576	750	76	250	202.7
4	BOD (3 days at 27° C)	220	300	19	30	32.8
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	16.0	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	21.6	50	5.4	50	-
14	Sulphide	2.2	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	13.7	15.0	3.4	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.53MLD

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

Report Number: DPCC/W/CETP/23-24/77/309

Dated: 29.9.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 15.09.2023 |
| 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	7.5	6-9	-
2	TSS	428	600	60	100	-
3	COD	608	750	76	250	-
4	BOD (3 days at 27° C)	200	300	20	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	2.4	10.0	-
13	Ammonical Nitrogen as N	31.1	50	11.3	50	-
14	Sulphide	4.5	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	14.4	15.0	2.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.3	...	0.4	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 2.40 MLD

I/C LABORATORY

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