



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 JHILMIL CETP (16.8 MLD) FOR THE MONTH OF JUNE-2023

Report Number: DPCC/W/CETP/23-24/35/ 89

Dated: 11.7.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name of CETP | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 09.06.2023 |
| 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	7.4	6-9	7.0
2	TSS	456	600	80	100	30.0
3	COD	552	750	104	250	113.2
4	BOD ₅ @ 20°C	210	300	23	30	8.4
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	-	...	-	0.1	-
11	Co	-	1.0	-	0.05	-
12	Oil & Grease	14.8	20.0	4.0	10.0	-
13	Ammonical Nitrogen as N	25.1	50	3.1	50	-
14	Sulphide	3.8	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	14.2	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: 4.56 MLD

Maitra
 I/C LABORATORY
 Dr. Mandita Maitra
 Scientist



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

Report Number: DPCC/W/CETP/23-24/39/ 93

Dated: 11.7.2023

1. Name & Address of Ind. / Unit MAYAPURI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 13.06.2023
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S. No	Parameter	Inlet		Final Outlet		OIMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.7	5.5-9.0	7.7	6-9	6.9
2	TSS	500	600	66	100	29.8
3	COD	536	750	92	250	100.7
4	BOD (5 days at 20° C)	215	300	23	30	13.5
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	16.0	20.0	2.8	10.0	-
13	Ammonical Nitrogen as N	32.1	50	4.6	50	-
14	Sulphide	2.8	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	10.5	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.2	50	-

All values are in mg/l except pH

... No Standards

Flow: 3.42 MLD

M. K. Mittal
I/C LABORATORY

Dr. Navdeep Singh
Scientist - I



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

Report Number: DPCC/W/CETP/23-24/32/ 86

Dated: 11.7.2023

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | NANGLOI CETP (12 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 13.06.2023 |
| 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	6.8
2	TSS	444	600	70	100	24.7
3	COD	432	750	104	250	72.5
4	BOD (3 days at 22°C)	145	300	26	30	15.8
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	-	...	-	0.1	-
11	Cd	-	1.0	-	0.05	-
12	Oil & Grease	13.2	20.0	4.0	10.0	-
13	Ammonical Nitrogen as N	19.9	50	2.1	50	-
14	Sulphide	4.8	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	13.6	15.0	1.9	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

FLOW: 2.80 MLD

Almitra

I/C LABORATORY

Dr. Handita Mittal
 Scientist



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

Report Number: DPCC/W/CETP/23-24/36/90

Dated: 11.7.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | inlet and Outlet of CETP |
| 3. Date of Sampling | 05.06.2023 |
| 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	7.5
2	TSS	468	600	90	100	37.1
3	COD	560	750	100	250	114.8
4	BOD (5 days at 27° C)	205	300	24	30	23.0
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	-	0.01	-
12	Oil & Grease	15.2	20.0	4.4	10.0	-
13	Ammonical Nitrogen as N	13.8	50	3.9	50	-
14	Sulphide	4.6	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	12.7	15.0	3.0	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.4	50	-

All values are in mg/l except pH
 ... No Standards
 Flow: 24.92 MLD

N. Mahtta
 I/C LABORATORY
 Dr. Nandita Mahtta
 Scientist



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

Report Number: DPCC/W/CETP/23-24/28/ **82-A**

Dated: **11.7.2023**

- | | | |
|------------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | SMA CETP (12 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 02.06.2023 |
| 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		7.5		
2	TSS	380	5.5-9.0	7.5	6-9	7.8
3	COD	416	600	56	100	37.55
4	BOD (5 days at 20°C)	140	750	104	250	57.43
5	Ni	-	300	19	30	10.19
6	Cu	-	3.0	-	3.0	-
7	Zn	-	3.0	-	3.0	-
8	Cr (Total)	-	15.0	-	5.0	-
9	Chromium (Hexavalent)	-	2.0	-	2.0	-
10	Pb	-	2.0	-	...	-
11	Cd	-	1.0	-	0.1	-
12	Oil & Grease	-	1.0	-	0.02	-
13	Ammonical Nitrogen as N	11.6	20.0	3.2	10.0	-
14	Sulphide	23.6	50	4.0	50	-
15	Phenolic Compounds	4.7	5.0	1.2	2.0	-
16	Cyanide (CN)	-	5.0	-	...	-
17	Arsenic	-	2.0	-	...	-
18	Mercury	-	0.2	-	...	-
19	Selenium	-	0.01	-	...	-
20	Fluoride	-	0.05	-	...	-
21	Boron	-	15.0	-	...	-
22	Phosphate	-	2.0	-	...	-
23	Total Kjeldahl Nitrogen (TKN)	12.8	15.0	1.9	5.0	-
		0.8	...	0.5	50	-

All values are in mg/l except pH
 No Standards
 Flow: 3.81 MLD

Mandita
 I/C LABORATORY
 Dr. Mandita Moltra
 Scientist



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

Report Number: DPCC/W/CETP/23-24/30/84

Dated: 11.7.2023

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | NARELA CETP (22.5 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 05.06.2023 |
| 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	7.3	6-9	8.6
2	TSS	356	600	64	100	10.6
3	COD	304	750	108	250	50.0
4	BOD (5 days at 27° C)	110	300	21	30	11.3
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	2.8	10.0	-
13	Ammonical Nitrogen as N	13.8	50	6.4	50	-
14	Sulphide	4.2	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	14.4	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.5	50	-

All values are in mg/l except pH

... No Standards

Flow: 10.39 MLD

Nandita
 I/C LABORATORY
 Dr. Nandita Maltra



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

Report Number: DPCC/W/CETP/23-24/34/ 88

Dated: 11.7.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 21.06.2023 |
| 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	388	600	94	100	33
3	COD	576	750	156	250	142
4	BOD (5 days at 20°C)	190	300	36	30	14
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	7.6	10.0	-
13	Ammonical Nitrogen as N	18.9	50	10.2	50	-
14	Sulphide	4.4	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	10.4	15.0	2.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.2	..	0.4	50	-

*Remarks: pH reading not shown in OLMS.
 All values are in mg/l except pH
 ... No Standards
 Flow: 1.83 MLD

M. Mahtta
 I/C-LABORATORY
 Dr. Mandita Mahtta
 Scientist D



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

Report Number: DPCC/W/CETP/23-24/29/ 83

Dated: 11.07.2023

- | | | |
|-----------------------------------|---|--------------------------|
| 1. Name & Address of Ind. / Unit | : | OKHLA CETP (24 MLD) |
| 2. Sampling location | : | Inlet and Outlet of CETP |
| 3. Date of Sampling | : | 08.06.2023 |
| 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					
2	TSS	6.2	5.5-9.0	7.1	6-9	7.3
3	COD	488	600	76	100	51.13
4	BOD (5 days at 20° C)	640	750	108	250	87.38
5	Ni	220	300	27	30	25.68
6	Cu	-	3.0	-	3.0	-
7	Zn	-	3.0	-	3.0	-
8	Cr (Total)	-	15.0	-	5.0	-
9	Chromium (Hexavalent)	-	2.0	-	2.0	-
10	Pb	-	2.0	-	...	-
11	Cd	-	1.0	-	0.1	-
12	Oil & Grease	-	1.0	-	0.05	-
13	Ammonical Nitrogen as N	16.8	20.0	5.6	10.0	-
14	Sulphide	32.1	50	18.4	50	-
15	Phenolic Compounds	4.1	5.0	1.5	2.0	-
16	Cyanide (CN)	-	5.0	-	...	-
17	Arsenic	-	2.0	-	...	-
18	Mercury	-	0.2	-	...	-
19	Selenium	-	0.01	-	...	-
20	Fluoride	-	0.05	-	...	-
21	Boron	-	15.0	-	...	-
22	Phosphate	-	2.0	-	...	-
23	Total Kjeldahl Nitrogen (TKN)	12.1	15.0	1.8	5.0	-
		0.9	...	0.5	50	-

All values are in mg/l except pH
 ... No Standards
 Flow: 1.60 MLD

I/C LABORATORY
 Dr. Nandita Moitra
 Scientist



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

Report Number: DPCC/W/CETP/23-24/33/ 87

Dated: 11.7.2023

- | | |
|-----------------------------------|---------------------------|
| 1. Name & Address of Ind. / Unit | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.06.2023 |
| 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	7.3	6-9	8.1
2	TSS	452	600	50	100	35.3
3	COD	568	750	108	250	131.5
4	BOD (5 days at 20° C)	210	300	20	30	12.3
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	12.8	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	17.9	50	2.6	50	-
14	Sulphide	3.5	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	9.8	15.0	2.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.3	...	0.4	50	-

All values are in mg/l except pH

... No Standards

Flow: 1.79 MLD

Maitra
 I/C LABORATORY
 Dr. Nandita Moitra



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WATER LABORATORY
4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06
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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF JUNE-2023

Report Number: DPCC/W/CETP/23-24/37/ 91

Dated: 11.7.2023

1. Name & Address of Ind. / Unit
BADLI CETP (12 MLD)
2. Sampling location
Inlet and Outlet of CETP
3. Date of Sampling
27.06.2023
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	7.9	6-9	-
2	TSS	280	600	76	100	-
3	COD	320	750	120	250	-
4	BOD (5 days at 20° C)	150	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	-	3.0	-	0.05	-
12	Oil & Grease	17.2	20.0	6.0	10.0	-
13	Ammonical Nitrogen as N	34.9	50	7.9	50	-
14	Sulphide	3.8	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	11.6	15.0	4.1	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.6	50	-

*Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 3.52 MLD

Handwritten Signature
I/C LABORATORY
Dr. Handita Prasad
30.07.23



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 GTK CETP (6 MLD) FOR THE MONTH OF JUNE-2023

Report Number: DPCC/W/CETP/23-24/38/92

Dated: 11.7.2023

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 02.06.2023 |
| 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	7.8	6-9	-
2	TSS	432	600	82	100	-
3	COD	600	750	96	250	-
4	BOD (5 days at 20° C)	190	300	25	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	11.2	20.0	2.0	10.0	-
13	Ammonical Nitrogen as N	30.2	50	11.1	50	-
14	Sulphide	4.0	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	9.2	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-

* Remarks: OLMS was non-operational.

All values are in mg/l except pH

... No Standards

Flow: 2.23 MLD

Nandita
 I/C LABORATORY
 Dr. Nandita Moitra
 Scientist



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

Report Number: DPCC/W/CETP/23-24/27/

Dated: 11.7.2023

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

WAZIRPUR CETP (24 MLD)
 Inlet and Outlet of CETP
 02.06.2023
 DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS
		Water Quality	EPA Standards	Water Quality	EPA Standards	
1	pH	6.5	5.5-9.0	7.2	6-9	7.2
2	TSS	348	600	62	100	6.4
3	COD	480	750	72	250	22.6
4	BOD (5 days at 20°C)	156	300	20	30	6.6
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	-	0.1	-
10	Pb	-	1.0	-	0.05	-
11	Cd	-	1.0	-	10.0	-
12	Oil & Grease	5.3	20.0	2.0	50	-
13	Ammonical Nitrogen as N	30.4	50	9.2	50	-
14	Sulphide	4.0	5.0	1.0	2.0	-
15	Phenolic Compounds	-	5.0	-	...	-
16	Cyanide (CN)	-	2.0	-	...	-
17	Arsenic	-	3.2	-	...	-
18	Mercury	-	0.01	-	...	-
19	Selenium	-	0.05	-	...	-
20	Fluoride	-	15.0	-	...	-
21	Boron	-	2.0	-	...	-
22	Phosphate	5.1	15.0	1.8	5.0	-
23	Total Kjeldahl Nitrogen (TKN)	1.8	-	0.4	50	-

All values are in mg/l except pH
 .. NO standards
 Flow: - 5.06 MLD

I/C LABORATORY
 Dr. Nandini Mishra



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

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

Report Number: DPCC/W/CETP/23-24/31/95

Dated: 11.7.2023

1. Name & Address of Ind. / Unit : NARAIANA CETP (21.6 MLD)
2. Sampling location : Inlet and Outlet of CETP
3. Date of Sampling : 13.06.2023
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	7.2	6-9	7.0
2	TSS	420	600	70	100	33.8
3	COD	512	750	100	250	57.4
4	BOD (5 days at 20°C)	165	300	25	30	19.2
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	-	-	-
11	Cd	-	1.0	-	0.1	-
12	Oil & Grease	13.6	20.0	4.8	10.0	-
13	Ammonical Nitrogen as N	26.3	50	2.7	50	-
14	Sulphide	3.5	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	Seelenium	-	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

Flow: 4.74 MLD

Nandita
I/C LABORATORY
Dr. Nandita Maltra
Scientist