

**DELHI POLLUTION CONTROL COMMITTEE
WATER LABORATORY**

4th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06

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ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF JULY-2022

Report Number: DPCC/W/CETP/22-23/40/ 4922

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | WAZIRPUR CETP (24 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 11.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.2	5.5-9.0	7.5	6-9	7.2	-4
2	TSS	276	600	76	100	14.5	-80.92
3	COD	384	750	104	250	54.8	-47.30
4	BOD (3 days at 27° C)	85	300	34	30	14.5	-57.35
5	Ni	0.85	3.0	0.76	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.21	15.0	0.92	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	8.4	20.0	4.2	10.0		
13	Ammonical Nitrogen as N	45.6	50	13.6	50	-	
14	Sulphide	6.2	5.0	2.4	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	3.8	15.0	2.6	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-	

All values are in mg/l except pH

...No Standards

ND- Not Detectable

Flow: 2.212 MLD

(I)-Increase & (D)-Decrease

Mishra

I/C LABORATORY

Dr. ...
Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/41/4923

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | SMA CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 11.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.3	5.5-9.0	7.8	6-9	7.5	-3.84
2	TSS	464	600	64	100	33.0	-48.43
3	COD	400	750	96	250	49.8	-48.12
4	BOD (3 days at 27° C)	115	300	26	30	11.40	-56.15
5	Ni	2.13	3.0	0.62	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.24	15.0	1.03	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	7.6	20.0	4.2	10.0	-	
13	Ammonical Nitrogen as N	24.6	50	7.1	50	-	
14	Sulphide	7.8	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	93.8	15.0	3.6	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: 2.817 MLD

(I)-Increase & (D)-Decrease

Mishra

I/C LABORATORY

Scientific



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

Report Number: DPCC/W/CETP/22-23/42/4924

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | OKHLA CETP (24 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS*	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.3	5.5-9.0	7.8	6-9	-	-
2	TSS	536	600	68	100	-	-
3	COD	600	750	116	250	-	-
4	BOD (3 days at 27° C)	230	300	28	30	-	-
5	Ni	0.68	3.0	ND	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.98	15.0	1.05	5.0	-	
8	Cr (Total)	0.43	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	44.4	20.0	8.6	10.0		
13	Ammonical Nitrogen as N	68	50	32.6	50	-	
14	Sulphide	7.1	5.0	1.7	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	162.4	15.0	4.2	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:1.237MLD

*Remarks: during the Monitoring, the OLMS was found non-functional.

Mitra

I/C LABORATORY

Scientist 'C'



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ANALYSIS REPORT OF NARAINA CETP (21.6 MLD) FOR THE MONTH OF JULY-2022

Report Number: DPCC/W/CETP/22-23/43) 4925

Dated: 10.08.2022

- | | |
|------------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | NARAINA CETP (21.6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 12.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result: | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.9	5.5-9.0	7.4	6-9	7.3	-1.35
2	TSS	452	600	64	100	87.0	35.93
3	COD	416	750	108	250	72.0	-33.33
4	BOD (3 days at 27° C)	170	300	22	30	24.0	9.09
5	Ni	0.54	3.0	0.06	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	0.92	15.0	0.58	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	17.2	20.0	6.2	10.0		
13	Ammonical Nitrogen as N	38.2	50	3.9	50	-	
14	Sulphide	7.8	5.0	1.6	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	6.9	15.0	3.2	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.4	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.53MLD

(I)-Increase & (D)-Decrease

M. Mitra

I/C LABORATORY

Dr. Sandhya Mishra,
Scientist 'C'

**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 LAWRENCE ROAD CETP (12 MLD) FOR THE MONTH OF JULY-2022**

Report Number: DPCC/W/CETP/22-23/44 /4926

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | LAWRENCE ROAD (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 11.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.3	5.5-9.0	6.9	6-9	-	
2	TSS	488	600	78	100	92.91	-19.11
3	COD	368	750	112	250	94.73	-15.41
4	BOD (3 days at 27° C)	135	300	36	30	18.12	-49.66
5	Ni	1.82	3.0	1.24	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.21	15.0	0.98	5.0	-	
8	Cr (Total)	0.58	2.0	0.23	2.0	-	
9	Chromium (Hexavalent)	-	2.0	-	...		
10	Pb	-	1.0	-	0.1	-	
11	Cd	-	1.0	-	0.05		
12	Oil & Grease	26.4	20.0	13.2	10.0		
13	Ammonical Nitrogen as N	19.5	50	7.2	50	-	
14	Sulphide	8.9	5.0	4.2	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	151.9	15.0	46.1	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	1.3	...	0.9	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 2.39 MLD

*Remarks: During the Monitoring, pH Sensor in OLMS was found non-functional


 I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/45/4927

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BAWANA CETP (35 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.1	5.5-9.0	6.9	6-9	7.2	4.41
2	TSS	440	600	82	100	67.5	-17.68
3	COD	560	750	114	250	96.9	-15.00
4	BOD (3 days at 27° C)	200	300	36	30	19.4	-46.11
5	Ni	1.91	3.0	1.10	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	3.9	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	36.8	20.0	13.2	10.0		
13	Ammonical Nitrogen as N	16.8	50	6.2	50	-	
14	Sulphide	5.6	5.0	2.3	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	58.8	15.0	3.1	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.4	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

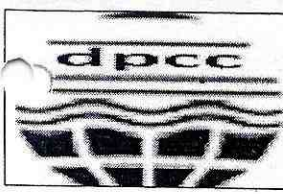
Flow: 25.49MLD

(I)-Increase & (D)-Decrease

Mishra

I/C LABORATORY

Scientific



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ANALYSIS REPORT OF BADLI CETP (12 MLD) FOR THE MONTH OF JULY-2022

Report Number: DPCC/W/CETP/22-23/46 /4928

Date: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | BADLI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.3	5.5-9.0	6.5	6-9	8.5	23.52
2	TSS	204	600	98	100	128.1	30.71
3	COD	272	750	118	250	84.9	-28.05
4	BOD (3 days at 27° C)	230	300	42	30	43.4	3.33
5	Ni	1.76	3.0	1.32	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.38	15.0	1.03	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	16.4	20.0	5.2	10.0		
13	Ammonical Nitrogen as N	30.1	50	5.3	50	-	
14	Sulphide	8.6	5.0	3.4	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	38.2	15.0	5.1	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.5	50	-	

All values are in mg/l except pH

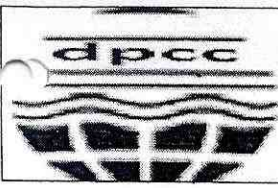
... No Standards

ND- Not Detectable.

Flow -4.1 MLD

(I)-Increase & (D)-Decrease

Mishra
 I/C LABORATORY
 Dr. S.P. Singh
 Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/47/4929

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | GTK CETP (6 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 11.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.1	5.5-9.0	7.8	6-9	7.4	-5.12
2	TSS	1004	600	74	100	61.51	-16.87
3	COD	400	750	112	250	91.35	-18.43
4	BOD (3 days at 27° C)	342	300	34	30	27.0	-20.58
5	Ni	0.64	3.0	0.21	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.28	15.0	0.32	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	16.8	20.0	4.4	10.0	-	
13	Ammonical Nitrogen as N	41.3	50	13.5	50	-	
14	Sulphide	5.9	5.0	2.6	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	28.3	15.0	3.9	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.2	50	-	

All values are in mg/l except pH
 ... No Standards
 ND- Not Detectable
 Flow: 2.48 MLD
 (I)-Increase & (D)-Decrease

M. Mitra
 I/C LABORATORY
 Scientist 'C'

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Dated: 10-08-2022

Report Number: DPCC/W/CETP/22-23/48/4930

1. Name & Address of Ind. / Unit MAYAPURI CETP (12 MLD)
2. Sampling location Inlet and Outlet of CETP
3. Date of Sampling 12.07.2022
4. Sample analyzed and results DPCC LAB
5. Parameters analyzed and result

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.3	5.5-9.0	7.9	6-9	8.1	2.53
2	TSS	484	600	62	100	43.6	-29.67
3	COD	560	750	112	250	76.0	-32.14
4	BOD (3 days at 27° C)	205	300	24	30	14.6	-39.16
5	Ni	0.53	3.0	0.19	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	0.86	15.0	0.18	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	17.2	20.0	4.4	10.0	-	
13	Ammonical Nitrogen as N	28.6	50	6.9	50	-	
14	Sulphide	18.6	5.0	1.7	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	141.2	15.0	3.6	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: 3.38 MLD

(I)-Increase & (D)-Decrease

I/C LABORATORY

Scientist



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

Dated: 10.08.2022

Report Number: DPCC/W/CETP/22-23/49/4931

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | NARELA CETP (22.5 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.8	5.5-9.0	7.4	6-9	7.4	0
2	TSS	428	600	90	100	34.7	-61.44
3	COD	240	750	136	250	103.4	-32.6
4	BOD (3 days at 27° C)	210	300	24	30	22.6	-5.83
5	Ni	1.61	3.0	0.76	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.27	15.0	0.92	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	20.4	20.0	6.8	10.0		
13	Ammonical Nitrogen as N	14.8	50	7.1	50	-	
14	Sulphide	7.2	5.0	1.6	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	62.6	15.0	3.8	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.3	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

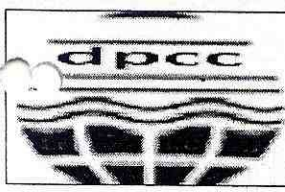
Flow: 11.914MLD

(I)-Increase & (D)-Decrease

Mishra

I/C LABORATORY

Scientist



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

Report Number: DPCC/W/CETP/22-23/50 4932

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | NANGLOI CETP (12 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 12.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.5	5.5-9.0	7.9	6-9	6.5	-17.72
2	TSS	424	600	72	100	36.6	-49.16
3	COD	448	750	124	250	38.7	-68.79
4	BOD (3 days at 27° C)	130	300	30	30	12.6	-58
5	Ni	1.16	3.0	0.93	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.02	15.0	0.87	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	12.8	20.0	3.4	10.0		
13	Ammonical Nitrogen as N	17.6	50	3.2	50	-	
14	Sulphide	7.2	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	18.2	15.0	1.3	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.4	50	-	

All values are in mg/l except pH

... No Standards

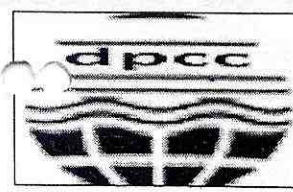
ND- Not Detectable

FLOW- 2.512MLD

(I)-Increase & (D)-Decrease

Mishra
I/C LABORATORY

Sd/-
Sd/-



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

Report Number: DPCC/W/CETP/22-23/51/4933

Dated: 10.08.2022

- | | |
|-----------------------------------|---------------------------|
| 1. Name & Address of Ind. / Unit | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 12.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.1	5.5-9.0	7.6	6-9	8.1	6.57
2	TSS	428	600	90	100	33.7	-62.55
3	COD	586	750	176	250	51.0	-71.00
4	BOD (3 days at 27° C)	200	300	26	30	15.6	-41.15
5	Ni	1.12	3.0	0.85	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	0.97	15.0	0.53	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	13.2	20.0	5.2	10.0		
13	Ammonical Nitrogen as N	17.6	50	4.5	50	-	
14	Sulphide	9.4	5.0	1.6	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	114.6	15.0	4.2	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.7	...	0.3	50	-	

All values are in mg/l except pH

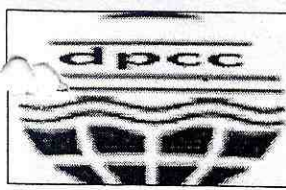
... No Standards

ND- Not Detectable

Flow: 1.48 MLD

(I)-Increase & (D)-Decrease

Mitra
I/C LABORATORY



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

Report Number: DPCC/W/CETP/22-23/52 / 4934

Dated: 10.08.2022

- | | |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit | JHILMIL CETP (16.8 MLD) |
| 2. Sampling location | Inlet and Outlet of CETP |
| 3. Date of Sampling | 13.07.2022 |
| 4. Sample analyzed and results | DPCC LAB |
| 5. Parameters analyzed and result | |

S.No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.2	5.5-9.0	7.8	6-9	7.0	-10.25
2	TSS	412	600	68	100	223.4	228.52
3	COD	560	750	124	250	78.6	-36.61
4	BOD (3 days at 27° C)	205	300	28	30	19.5	-30.35
5	Ni	1.22	3.0	0.77	3.0	-	
6	Cu	-	3.0	-	3.0	-	
7	Zn	1.99	15.0	1.24	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	-	2.0	ND	...		
10	Pb	-	1.0	ND	0.1	-	
11	Cd	-	1.0	ND	0.05		
12	Oil & Grease	23.6	20.0	5.2	10.0		
13	Ammonical Nitrogen as N	24.1	50	4.9	50	-	
14	Sulphide	8.9	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	38.2	15.0	4.6	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.8	...	0.4	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.4924 MLD

(I)-Increase & (D)-Decrease

Mishra

I/C LABORATORY

Scientist