



**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
**4<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06**  
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**ANALYSIS REPORT OF WAZIRPUR CETP (24 MLD) FOR THE MONTH OF APRIL-2022**

Report Number: DPCC/W/CETP/22-23/01 / 4734

Dated: 09/05/2022

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

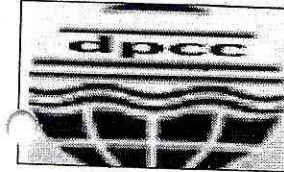
WAZIRPUR CETP (24 MLD)  
 Inlet and Outlet of CETP  
 05.04.2022  
 DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	6.2	5.5-9.0	7.1	6-9	8.6	21.13
2	TSS	268	600	74	100	40.3	444.59
3	COD	316	750	106	250	80.7	-23.87
4	BOD (3 days at 27° C)	64	300	22	30	18.6	-15.45
5	Ni	0.94	3.0	0.66	3.0	-	
6	Cu	0.38	3.0	0.13	3.0	-	
7	Zn	1.66	15.0	1.2	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	9.2	20.0	1.6	10.0		
13	Ammonical Nitrogen as N	40.8	50	12.9	50	-	
14	Sulphide	5.8	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	3.1	15.0	2.7	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	1.0	...	0.6	50	-	

All values are in mg/l except pH  
 ...No Standards  
 ND- Not Detectable  
 Flow: 2.769 MLD  
 (I)-Increase & (D)-Decrease

*Mishra*  
 I/C LABORATORY

Dr. PARVITA MISHRA  
 Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/02/4735

Dated: 09/05/2022

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

SMA CETP (12 MLD)  
 Inlet and Outlet of CETP  
 05.04.2022  
 DPCC LAB

S. No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.2	5.5-9.0	7.9	6-9	7.5	849.37
2	TSS	478	600	68	100	72.143	6.09
3	COD	346	750	78	250	70.785	-9.26
4	BOD (3 days at 27° C)	96	300	24	30	26.265	9.41
5	Ni	2.38	3.0	0.69	3.0	-	
6	Cu	2.41	3.0	2.20	3.0	-	
7	Zn	1.38	15.0	1.09	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...	-	
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05	-	
12	Oil & Grease	2.2	20.0	3.2	10.0	-	
13	Ammonical Nitrogen as N	23.8	50	8.6	50	-	
14	Sulphide	8.0	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	94.0	15.0	4.1	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: 2.02 MLD  
 (I)-Increase & (D)-Decrease

*W. Mitta*  
 I/C LABORATORY  
 Dr. Sandhya MITRA  
 Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/03/14736

Dated : 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | OKHLA CETP (24 MLD)      |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 08.04.2022               |
| 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	7.3	-6.41
2	TSS	540	600	60	100	58.70	-2.17
3	COD	580	750	156	250	116.0	-25.64
4	BOD (3 days at 27° C)	216	300	40	30	38.97	-2.57
5	Ni	0.64	3.0	ND	3.0	-	
6	Cu	0.54	3.0	0.36	3.0	-	
7	Zn	2.8	15.0	1.07	5.0	-	
8	Cr (Total)	0.63	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	40.8	20.0	13.2	10.0		
13	Ammonical Nitrogen as N	60	50	30.8	50	-	
14	Sulphide	8.4	5.0	4.3	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	183.5	15.0	94.2	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: 1.334 MLD

(I)-Increase & (D)-Decrease

*Mita*

I/C LABORATORY

Dr. ...  
Scientist



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

Report Number: DPCC/W/CETP/22-23/04/4737

Dated: 09/05/2022

- |                                    |                          |
|------------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit   | NARAINA CETP (21.6 MLD)  |
| 2. Sampling location               | Inlet and Outlet of CETP |
| 3. Date of Sampling                | 06.04.2022               |
| 4. Sample analyzed and results     | DPCCL 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	6.6	-10.81
2	TSS	418	600	64	100	98.7	54.21
3	COD	466	750	82	250	75.6	-7.80
4	BOD (3 days at 27° C)	172	300	22	30	11.7	-46.81
5	Ni	0.62	3.0	0.04	3.0	-	
6	Cu	0.80	3.0	0.28	3.0	-	
7	Zn	0.98	15.0	0.62	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	12.8	20.0	4.2	10.0		
13	Ammonical Nitrogen as N	34.2	50	12.4	50	-	
14	Sulphide	7.1	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	7.02	15.0	4.04	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.5	...	0.2	50	-	

All values are in mg/l except pH

... No Standards

ND- Not Detectable

Flow: 4.32MLD

(I)-Increase & (D)-Decrease

*Mita*

I/C LABORATORY

Scientist 'C'



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WATER LABORATORY**

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

Report Number: DPCC/W/CETP/22-23/05/4738

Dated: 09/05/2022

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

S. No	Parameter	Inlet <sup>*</sup>		Final Outlet <sup>*</sup>		OLMS	% Variation
		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		

All values are in mg/l except pH

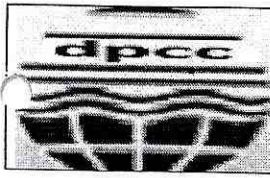
... No Standards

ND- Not Detectable

Flow: 1.04 MLD

Remarks: Non functional \*

*Mishra*  
I/C LABORATORY  
Scientist



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

Report Number: DPCC/W/CETP/22-23/06/4739

dated: 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | BAWANA CETP (35 MLD)     |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 07.04.2022               |
| 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	7.6	10.14
2	TSS	412	600	84	100	55.8	-33.57
3	COD	532	750	76	250	123.5	62.5
4	BOD (3 days at 27° C)	176	300	24	30	55.8	132.5
5	Ni	1.82	3.0	1.44	3.0	-	
6	Cu	0.52	3.0	0.36	3.0	-	
7	Zn	4.6	15.0	1.18	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	23.6	20.0	4.8	10.0		
13	Ammonical Nitrogen as N	14.8	50	5.4	50	-	
14	Sulphide	4.2	5.0	1.0	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	42.6	15.0	4.0	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.6	...	0.2	50	-	

All values are in mg/l except pH

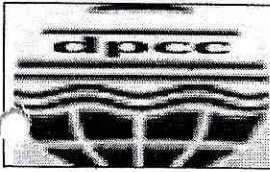
... No Standards

ND- Not Detectable

Flow: 25.51 MLD

(I)-Increase & (D)-Decrease

*Mishra*  
 I/C LABORATORY  
 Scientific C



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

Report Number: DPCC/W/CETP/22-23/07/4740

Dated: 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | BADLI CETP (12 MLD)      |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 07.04.2022               |
| 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	7.4	5.5-9.0	6.9	6-9	7.3	5.79
2	TSS	158	600	92	100	6.9	-91.78
3	COD	234	750	76	250	90.4	18.94
4	BOD (3 days at 27° C)	72	300	36	30	14.9	-37.91
5	Ni	1.82	3.0	1.44	3.0	-	
6	Cu	0.34	3.0	0.36	3.0	-	
7	Zn	1.76	15.0	1.18	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	13.2	20.0	4.8	10.0		
13	Ammonical Nitrogen as N	27.8	50	5.4	50	-	
14	Sulphide	8.2	5.0	1.0	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	32.4	15.0	4.0	5.0	-	
24	Total Kjeldahl Nitrogen (TKN)	0.9	...	0.21	50	-	

All values are in mg/l except pH

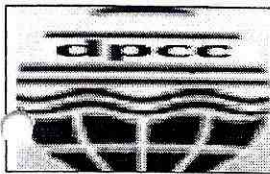
... No Standards

ND- Not Detectable.

Flow – 1.0 MLD

(I)-Increase & (D)-Decrease

*Mitha*  
 I/C LABORATORY  
 DELHI POLLUTION CONTROL COMMITTEE  
 SOLE CHARGE



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

Report Number: DPCCL/W/CETP/22-23/08/4741

*Dated: 09/05/2022*

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | GTK CETP (6 MLD)         |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 05.04.2022               |
| 4. Sample analyzed and results    | DPCCL LAB                |
| 5. Parameters analyzed and result |                          |

S. No	Parameter	Inlet		Final Outlet		OLMS	% Variation
		Water Quality	EPA Standards	Water Quality	EPA Standards		
1	pH	7.6	5.5-9.0	7.4	6-9	7.4	0
2	TSS	1046	600	52	100	48.117	-7.46
3	COD	396	750	82	250	90.196	9.99
4	BOD (3 days at 27° C)	128	300	26	30	29.262	12.53
5	Ni	0.54	3.0	ND	3.0	-	
6	Cu	0.23	3.0	0.18	3.0	-	
7	Zn	1.21	15.0	0.42	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...	-	
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05	-	
12	Oil & Grease	12.8	20.0	2.4	10.0	-	
13	Ammonical Nitrogen as N	47.3	50	11.6	50	-	
14	Sulphide	5.2	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	27.3	15.0	3.8	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: 1.123 MLD

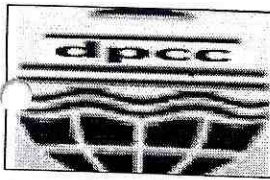
(I)-Increase & (D)-Decrease

*Mishra*

I/C LABORATORY

Scientist C





**DELHI POLLUTION CONTROL COMMITTEE**  
**WATER LABORATORY**  
**4<sup>th</sup> FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-06**  
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**ANALYSIS REPORT OF MAYAPURI CETP (12 MLD) FOR THE MONTH OF APRIL-2022**

Report Number: DPCC/W/CETP/22-23/09 | 4742

Dated: 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | MAYAPURI CETP (12 MLD)   |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 06.04.2022               |
| 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	7.6	-3.79
2	TSS	440	600	90	100	52.2	-42
3	COD	580	750	96	250	53.0	-44.79
4	BOD (3 days at 27° C)	220	300	28	30	18.1	-35.35
5	Ni	0.43	3.0	0.12	3.0	-	
6	Cu	0.47	3.0	0.9	3.0	-	
7	Zn	0.92	15.0	0.21	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	18.8	20.0	7.2	10.0		
13	Ammonical Nitrogen as N	31.2	50	7.2	50	-	
14	Sulphide	15.2	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	132.8	15.0	3.8	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: 3.41 MLD

(I)-Increase & (D)-Decrease

*Mukta*  
I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/10/4743

Dated: 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | NARELA CETP (22.5 MLD)   |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 07.04.2022               |
| 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	7.4	5.5-9.0	7.8	6-9	-	
2	TSS	380	600	76	100	52.6	-30.78
3	COD	608	750	140	250	88.7	-36.64
4	BOD (3 days at 27° C)	232	300	20	30	23.7	18.5
5	Ni	1.01	3.0	0.78	3.0	-	
6	Cu	0.44	3.0	0.20	3.0	-	
7	Zn	1.54	15.0	1.09	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...	-	
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05	-	
12	Oil & Grease	24.8	20.0	5.2	10.0	-	
13	Ammonical Nitrogen as N	16.2	50	7.9	50	-	
14	Sulphide	6.0	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	70.1	15.0	4.6	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: 11.817 MLD

(I)-Increase & (D)-Decrease

*Mishra*  
I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/11/4744

dated: 09/05/2022

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | NANGLOI CETP (12 MLD)    |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 06.04.2022               |
| 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	7.6	5.5-9.0	7.2	6-9	7.1	-1.39
2	TSS	436	600	98	100	89.6	-8.57
3	COD	422	750	94	250	78.8	-16.17
4	BOD (3 days at 27° C)	138	300	26	30	23.1	-11.15
5	Ni	0.36	3.0	0.28	3.0	-	
6	Cu	0.58	3.0	0.22	3.0	-	
7	Zn	1.88	15.0	0.92	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	15.2	20.0	2.6	10.0		
13	Ammonical Nitrogen as N	18.8	50	3.6	50	-	
14	Sulphide	6.8	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	120.6	15.0	1.2	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- 2.50 MLD

(I)-Increase & (D)-Decrease

*Mita*  
I/C LABORATORY

Scientist 'C'



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

Report Number: DPCC/W/CETP/22-23/12/14745

Dated: 09/05/2022

- |                                   |                           |
|-----------------------------------|---------------------------|
| 1. Name & Address of Ind. / Unit  | MANGOLPURI CETP (2.4 MLD) |
| 2. Sampling location              | Inlet and Outlet of CETP  |
| 3. Date of Sampling               | 06.04.2022                |
| 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	7.3	6-9	7.9	8.21
2	TSS	190	600	48	100	23.6	-50.83
3	COD	326	750	102	250	95.4	-6.47
4	BOD (3 days at 27° C)	106	300	26	30	33.7	29.61
5	Ni	0.72	3.0	0.48	3.0	-	
6	Cu	0.49	3.0	0.22	3.0	-	
7	Zn	0.82	15.0	0.56	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	10.8	20.0	3.8	10.0		
13	Ammonical Nitrogen as N	22.4	50	5.2	50	-	
14	Sulphide	6.8	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	122.8	15.0	4.2	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: 1.46 MLD

(I)-Increase & (D)-Decrease

*Mishra*  
I/C LABORATORY

Dr. Parvina Khanna  
Scientist IC



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

Report Number: DPCC/W/CETP/22-23/13/4746

*dated: 09/05/2022*

- |                                   |                          |
|-----------------------------------|--------------------------|
| 1. Name & Address of Ind. / Unit  | JHILMIL CETP (16.8 MLD)  |
| 2. Sampling location              | Inlet and Outlet of CETP |
| 3. Date of Sampling               | 08.04.2022               |
| 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	7.4	5.5-9.0	7.5	6-9	7.0	-6.67
2	TSS	404	600	120	100	191.7	84.32
3	COD	600	750	168	250	164.8	-1.90
4	BOD (3 days at 27° C)	204	300	42	30	63.2	75.55
5	Ni	1.4	3.0	0.4	3.0	-	
6	Cu	0.34	3.0	0.18	3.0	-	
7	Zn	2.04	15.0	1.9	5.0	-	
8	Cr (Total)	ND	2.0	ND	2.0	-	
9	Chromium (Hexavalent)	ND	2.0	ND	...		
10	Pb	ND	1.0	ND	0.1	-	
11	Cd	ND	1.0	ND	0.05		
12	Oil & Grease	18.8	20.0	6.8	10.0		
13	Ammonical Nitrogen as N	17.8	50	4.2	50	-	
14	Sulphide	7.8	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	39.26	15.0	17.2	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: MLD

(I)-Increase & (D)-Decrease

*Misha*  
I/C LABORATORY

Scientist 'C'