

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

Original Application No. 539/2024

In the matter of:

News item titled "On revamp priority list Satpula Lake being filled up with raw sewage from drain" appearing in The Times of India dated 06.04.2024

NDOH:- 15.04.2025

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Filed by:

New Delhi:

Dated: 17th.01.2025


Delhi Pollution Control Committee

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

Original Application No. 539/2024

In the matter of:

News item titled "On revamp priority list Satpula Lake being filled up with raw sewage from drain" appearing in The Times of India dated 06.04.2024

STATUS REPORT ON BEHALF OF DELHI POLLUTION CONTROL COMMITTEE IN COMPLIANCE TO THE ORDER DATED 16.12.2024.

I, Dr. B.M.S. Reddy, Sr. Environmental Engineer, Delhi Pollution Control Committee, 2nd Floor, Vikas Bhawan-II, Civil Lines, Delhi- 110054, do hereby solemnly affirm and state as under:

1. That, I am working as Sr. Environmental Engineer, Delhi Pollution Control Committee and am conversant with the facts of the present case on the basis of record maintained by Delhi Pollution Control Committee in its ordinary course.

That this Hon'ble Tribunal took up the above referred matter on 16.05.2024 due to the newspaper article dated 06.04.2024 raising the grievance that, raw-sewage water being pumped into the Satpula lake from a large drain in Kirti near Saket Court in South Delhi. This Hon'ble Tribunal pleased to issue notice to DDA, DPCC and DM (South).



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3. Hon'ble this Hon'ble Tribunal lastly took up the matter on 16.12.2024 and pleased to observed that DPCC is require to place on record the sample analysis report.
4. That, the effluent analysis and comparison with prescribed standard of STP is tabulated as below:

S. No.	Parameters	STP		Prescribed Standards
		Inlet	Outlet	
1	pH	7.8	7.6	6.5-9.0
2	Total Suspended Solid (TSS)	216	14	10.0
3	Oil and Grease	18.4	1.6	10.0
4	Bio-Chemical Oxygen Demand (BOD) [3 days at 27 ⁰ C]	166	12	10.0
5	Chemical Oxygen Demand (COD)	280	48	50.0
6	Dissolved Phosphate	20.6	1.0	2.0
7	Ammonical Nitrogen	13.7	1.9	5.0

5. That, the water analysis report of lake water and comparison with prescribed standard of class -D of water quality is tabulated below :

S. No.	Parameters	Concentration	Propagation of Wild life and Fisheries (Class-D Water Quality Criteria)
1	pH	7.3	6.5-8.5
	Dissolved	5.1	4 mg/l or more
	Total Suspended Solid (TSS)	16	-
	Oil and Grease	2.0	-
	Bio-Chemical Oxygen Demand (BOD) [3 days at 27 ⁰ C]	10	-
6	Chemical Oxygen Demand (COD)	40	-



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7	Ammonical Nitrogen	1.6	1.2 mg/l or less
8	Dissolved Phosphate	1.8	-

6. that as per the Analysis report of STP effluent, following parameters are beyond the permissible limits:

TSS - 14 mg/l (Prescribed standard-10)

BOD - 12 mg/l (Prescribed standard-10)

As per the Analysis report of Lake water Ammonical Nitrogen is not meeting the prescribed norm. Ammonical Nitrogen is 1.6 mg/l (prescribed standard is 1.2 mg/l or less). And Dissolved Oxygen found to be 5.1 mg/l against the desired level of 4 mg/l for Class-D water criteria.

Copies of the analysis report of STP (DDA park Satpula Lake) and DDA Park Khirki Village, Satpula dated 23.12.2024 are enclosed herewith as **Annexure-1 (Colly)**.

7. It is therefore requested to this Hon'ble Tribunal that the present status report may kindly be taken on record.

Henry

DEPONENT

VERIFICATION

I, the above-named deponent, declare the contents of the present affidavit are true and correct to the best of my knowledge based upon the documents and records available in the office and nothing material has been concealed therefrom.

Verified at New Delhi on this 17 day of January, 2025.



ATTESTED

NOTARY PUBLIC
GOVT. OF NCT OF DELHI

Henry

DEPONENT

17 JAN 2025


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>)


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Result No- DPCC/W/D(Misc)/2024/76/1495

Dated: 23/12/2024

ANALYSIS REPORT

1. Name of Unit : STP (installed in the DDA Park Satpula Lake)
2. Sampling Location : Inlet & Outlet of STP
3. Date of sampling : 12.12.2024
4. Samples collected by : DPCC Lab
5. Control Measures (if any) : STP
6. Nature of Sample : Grab
7. Parameter analyzed and result:

S. No.	Parameters	STP		Prescribed Standard
		Inlet	Outlet	
1	pH	7.8	7.6	6.5-9.0
2	Total Suspended Solids (TSS)	216	14	10.0
3	Oil and Grease	18.4	1.6	10.0
4	Bio-Chemical Oxygen Demand (BOD) [3 days at 27°C]	166	12	10.0
5	Chemical Oxygen Demand (COD)	280	48	50.0
6	Dissolved Phosphate	20.6	1.0	2.0
7	Ammonical Nitrogen	13.7	1.9	5.0

*All parameters are in mg/l except pH

I/C Water Laboratory

 Scientist 'D'
 Dr. Nandita Mitta
 Scientist 'D'

SSA/Analyst/SLA


DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
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Result No- DPCC/W/D(Misc)/2024/77/ 1494

Dated: 23/12/2024

ANALYSIS REPORT

1. Name & Add. unit : DDA Park, Khirki Village, Satpula Lake
2. Date of sampling : 12.12.2024
3. Parameter analyzed and result:

S. No.	Parameter	Concentration	Propagation of Wild life and Fisheries (Class-D Water Quality Criteria)
1.	pH	7.3	6.5-8.5
2.	Dissolved Oxygen	5.1	4 mg/l or more
3.	Total Suspended Solids (TSS)	16	-
4.	Oil and Grease	2.0	-
5.	Bio-Chemical Oxygen Demand (BOD) [3 days at 27°C]	10	-
6.	Chemical Oxygen Demand (COD)	40	-
7.	Ammonical Nitrogen as N	1.6	1.2 mg/l or less
8.	Dissolved Phosphate	1.8	-

*All parameters are in mg/l except pH

I/C Water Laboratory
Dr. Nandita Mitra
Scientist 'D'

SSA/Analyst/SLA