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

Original Application No. 239/2024

News item titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02.02.2024

Index

(Vishal Gandhi)
Scientist-E
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar
Delhi- 110032.

Date: 21.05.2024
Place: Delhi

BEFORE THE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 239/2024

IN THE MATTER OF:

News item titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02.02.2024

RESPONSE ON BEHALF OF RESPONDENT No 4, i.e., CENTRAL POLLUTION CONTROL BOARD (CPCB)

MOST RESPECTFULLY SHOWETH:

A. That I, in capacity of Scientist "E" of Central Pollution Control Board (hereinafter referred to as "CPCB"), have made myself acquainted with the facts and circumstances of the instant case due to the official capacity as mentioned above and on the basis of available records, I am well versed with the facts and circumstances of the matter and as such competent & authorized to make this response on behalf of Respondent No. 4.

B. That, I have read and understood the averments made in the news report, now being considered as Original Application (hereinafter referred to as "OA") and at the outset it is respectfully submitted that all averments/contentions/submissions made against the Answering

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Respondent in the present OA are denied unless specifically admitted by the Answering Respondent.

C. That, CPCB is a statutory Board constituted under Section 3 of The Water (Prevention and control) Act, 1974. It performs the functions under The Water (Prevention and control) Act, 1974, The Air (Prevention and control) Act, 1981 and The Environment (Protection) Act, 1986.

REPLY ON MERIT:

1. This application has been registered suo motu on the basis of the news item titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02.02.2024, wherein following was directed by Hon'ble Tribunal vide order dated 13.03.2024 that:

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Para 5: *Hence, we implead the following as respondents in the matter:*

i. *Jammu & Kashmir Pollution Control Committee through its Member Secretary.*

ii. *Jammu & Kashmir Wetland Authority through its Secretary.*

iii. *Secretary, Forest, Ecology & Environment Department, Jammu & Kashmir.*

iv. *Member Secretary, Central Pollution Control Board.*

v. *Regional Officer, Ministry of Environment, Forest & Climate Change, Chandigarh.*

2. **That the CPCB humbly submits that:**

i. CPCB in association with State Pollution Control Boards & Pollution Control Committees is assessing water quality of aquatic resources in the Country under National Water Quality Monitoring Programme (herein after referred as NWMP).

ii. During the year 2023, 11 monitoring locations on 05 Ramsar sites (*Hygam Wetland, Shalbugh Wetland, Hokera Wetland, Wular Lake & Mansar Lake*) have been sanctioned to Jammu & Kashmir under NWMP, henceforth, Jammu & Kashmir Pollution Control Committee (herein after referred as JKPCC) was requested to provide water quality data of 11 locations and it was also requested to provide water quality data of other locations/wetlands which are monitored by JKPCC but not sanctioned under NWMP, vide letter dated 19/4/2024 (**Annexure I**).

iii. In response, J&K Pollution Control Committee has submitted analytical results of 11 monitored lakes/wetlands in Kashmir viz., *Wular Lake, Anchar Lake, Dal Lake, Hokarsar Wetland, Manasbal Lake, Shalibugh Wetland, Hygam Wetland, Freshkoori Wetland, Kranchoo Wetalnd, Chatlam Wetalnd & Manibugh Wetalnd*. The analytical results for the month of March, 2024 and April, 2024 are attached as **Annexure II**.

iv. Based on the analytical results following observations are made:

Table 1: Status of water quality of wetlands in Kashmir

S.No.	Name of the water body	No of monitoring locations	Status of water quality w.r.t Class B (Outdoor bathing-Organized) of Designated Best Use (DBU) Water Quality Criteria
1	Wular Lake, Bandipora	11	Analytical reports for the parameters pH, DO & BOD reveals that out of 11 monitoring locations, 02 locations are not qualifying w.r.t class B of DBU water quality criteria for the months of March & April, 2024
2	Anchar Lake, Srinagar	05	Analytical report for the parameters pH, DO & BOD reveals that out of 05 monitoring locations, 03 locations are not qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
3	Dal Lake, Srinagar	24	Analytical reports for the parameters pH, DO & BOD reveals that out of 24 monitoring locations, none of the location is qualifying w.r.t class B of DBU water quality criteria for the months of March & April, 2024
4	Hokarsar Wetland, Srinagar/ Budgam	03	Analytical report for the parameters pH, DO & BOD reveals that out of 03 monitoring locations, 02 locations are not qualifying w.r.t class B of DBU water quality criteria for the month of

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			April, 2024
5	Manasbal Lake, Ganderbal	03	Analytical report for the parameters pH, DO & BOD reveals that all the locations are qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
6	Shalibugh Wetland, Ganderbal	03	Analytical report for the parameters pH, DO & BOD reveals that out of 03 monitoring locations, 02 locations are not qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
7	Hygam Wetland, Pampore Pulwama	03	Analytical report for the parameters pH, DO & BOD reveals that all the locations are qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
8	Freshkoori Wetalnd, Pampore Pulwama	02	Analytical report for the parameters pH, DO & BOD reveals that none of the locations is qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
9	Kranchoo Wetalnd, Pampore	03	Analytical report for the parameters pH, DO & BOD reveals that none of the locations is qualifying w.r.t class B of

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	Pulwama		DBU water quality criteria for the month of April, 2024
10	Chatlam Wetalnd, Pampore Pulwama	03	Analytical report for the parameters pH, DO & BOD reveals that out of 03 monitoring locations, 02 locations are not qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024
11	Manibugh Wetalnd, Pampore Pulwama	02	Analytical report for the parameters pH, DO & BOD reveals that none of the locations is qualifying w.r.t class B of DBU water quality criteria for the month of April, 2024

3. That , in view of the submissions made above, it is respectfully submitted that this Answering respondent i.e. CPCB, shall abide by any order(s) or direction(s) passed by this Hon'ble tribunal in the instant OA.

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N.C.T. of Delhi
Regd. No. 1513
GOVT. OF INDIA

Vishal Gandhi
Scientist –'E'

BEFORE THE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 239/2024

IN THE MATTER OF:

News item titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02.02.2024

AFFIDAVIT

I, Vishal Gandhi, working as Scientist 'E' in Central Pollution Control Board, office at Parivesh Bhawan, East Arjun Nagar, Vishwas Nagar, Near Karkardooma Court, Delhi- 110032, do hereby solemnly affirm and declare as under:

1. That I, in capacity of Scientist 'E' of CPCB, have made myself acquainted with the facts and circumstances of the instant case due to the official capacity as mentioned above and on the basis of available records, I am well versed with the facts and circumstances of the matter and as such competent & authorized to affirm this response on behalf of Respondent No. 4.

2. That, I have read and understood the averments made in the Original Application and at the outset it is respectfully submitted that all averments/contentions/submissions made in the present Application are denied unless specifically admitted by the answering respondent and are also borne out of available record of the case.

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R.L. Chaudhary
N.C.T. of Delhi
Regd. No. 1513
GOVT. OF INDIA

DEPONENT

दिशाल गांधी / Vishal Gandhi
वैज्ञानिक 'ई' / Scientist 'E'
केंद्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(M/o Environment, Forest & Climate Change, Govt. of India)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली–110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

VERIFICATION

21 MAY 2024

Verified at DELHI on this day of May, 2024 that the contents of the above reply affidavit are correct and true on the basis of the record of the case as maintained in the day-to-day affairs of the CPCB. Nothing has been concealed therefrom or mis-stated.

NOTARY PUBLIC
R.L. Chaudhary
N.C.T. of Delhi
Regd. No. 1513
GOVT. OF INDIA

DEPONENT

दिशाल गांधी / Vishal Gandhi
वैज्ञानिक 'ई' / Scientist 'E'
केंद्रीय प्रदूषण नियंत्रण बोर्ड
Central Pollution Control Board
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
M/o Environment, Forest & Climate Change, Govt. of India)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली–110032
Parivesh Bhawan, East

ATTESTED
NOTARY PUBLIC
GOVT. OF INDIA
21 MAY 2024

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
क्षेत्रीय निदेशालय, चण्डीगढ़
Central Pollution Control Board
Regional Directorate, Chandigarh
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)
(MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA)

No: CPCB/RD/CHD/NGT/05 Dated: April 19, 2024

To,

Member Secretary
Jammu & Kashmir Pollution Control Committee (J&K PCC),
Parivesh Bhawan, Forest Complex,
Gladni, Narwal, Transport Nagar, Jammu
Jammu and Kashmir 180004

Subject: Requirement of Monitoring Data in compliance to the orders of Hon'ble NGT in OA No. 239 of 2024.

Sir,

This has reference to the Orders of Hon'ble National Green Tribunal dated 13/03/2024 in the matter of OA No. 239 of 2024; News item titled "What Challenges Are Kashmiri Wetlands Facing? appearing in Kashmir Life dated 02.02.2024", wherein Hon'ble National Green Tribunal has directed the respondents including CPCB, to file the response

In this regard, it is to inform that CPCB during the year 2023 sanctioned 11 monitoring locations on 05 Ramsar sites under National Water Quality Monitoring Programme (NWMP) to J & K PCC (Copy attached).

It is requested that monitoring data of the above 11 locations and also other locations/wetlands monitored by J&K PCC, if any, may be provided to Central Pollution Control Board at rdchandigarh.cpcb@nic.in and vishalgandhi.cpcb@nic.in, at the earliest possible.

It may kindly be treated as urgent, being a time-bound NGT Matter.

Yours faithfully,

(Gurnam Singh)
Regional Director

बीएसएनएल दूरभाष केन्द्र, दूसरी मंजिल, सैक्टर 49 -सी, चण्डीगढ़ -160047
BSNL Telephone Exchange, 2nd Floor, Sector 49-C, Chandigarh-160047
दूरभाष / Tel : 0172-2990360
ई मेल/e-mail : rdchandigarh.cpcb@nic.in

प्रधान कार्यालय / Head Office
परिवेश भवन, ईस्ट अर्जुन नगर, दिल्ली -110032
Parivesh Bhawan, East Arjun Nagar, Delhi -110032
EPABX दूरभाष / Tel.: 011-43102030, 22305792
वेबसाईट/Website:http://www.cpcb.nic.in

Annexure-II

Jammu and Kashmir Pollution Control Committee

Parivesh Bhavan, Forest Complex || Silk Factory Road
Transport Nagar, Jammu, 180 006 || Rajbagh, Srinagar, 190 008

Tel - 0191-2476927; mail - membersecretaryjkspcb@gmail.com

The Regional Director
CPCB, Chandigarh

No.: JKPCC/Sc./OA-239/2024/762-763 **Date:** 10-05-2024

Sub: Regarding the requirement of monitoring data in compliance to the orders of Hon'ble NGT in OA No. 239 of 2024.

Ref: *Your Office letter No. CPCB/RD/CHD/NGT/05;dt.19.04.2024.*

Sir,

Please reference to the subject & reference cited above. In this connection, kindly find enclosed herewith monitoring data of Ramsar sites (11 locations) and other wetlands / locations being monitored by J&K Pollution Control Committee for further necessary action at your level.

Yours Sincerely,

(GhanSham Singh) JKAS 10.5.24
Member Secretary

Copy to:

P.A to Chairman, J&K Pollution Control Committee for information of the Chairman.

J & K Pollution Control Committee
Shiekh-ul-Alam Complex Rajbagh Kashmir

Regional Director,
J&K Pollution Control Committee,
Kashmir.

NO:- PCC/ROK//W.Lab / 24-25/ 13 Dated:- 30/04/2024

Subject: - Hon'ble NGT direction dt: 13/03/2024 in Suo Motu matter in re: News items appearing in Kashmir Life dated : 02/02/2024 Entitled "*What challenges are Kashmiri Wetlands Facing*"
Ref. no JKPCC/SC/OA-239/2024/899-901 dated 30/03/2024

Sir,

With regard to the matter captioned in the subject kindly find attached herewith Analysis reports of various Lakes/wetlands of Kashmir division.The water quality status of these wetlands in respect of various Physio-chemical parameters is as under:-

S.no	Name of Water Body	No. of Monitoring locations	Status of water Quality in terms of Class,B (Organized outdoor Bathing)water quality criteria CPCB
1	Wular Lake Bandipora	11	The test analysis reports for the months of March and April 2024 reveal that out of 11 monitoring locations two locations viz ,Garoora and Zalwan do not qualify class B water quality criteria .
2.	Anchar Lake Srinagar	05	The test analysis reports for the months of April 2024 reveal that out of 05 monitoring locations three locations do not qualify class B water quality criteria
3.	Dal lake Srinagar	24	The test analysis reports for the months of March and April 2024 reveal that out of 24 monitoring locations none of the location qualify class B water quality criteria
4.	Hokarsar wetland Srinagar/Budgam	03	The test analysis reports for the months of April 2024 reveal that out of 03 monitoring locations 2 locations do not qualify class B water quality criteria
5.	Manasbal lake Ganderbal	03	The test analysis reports for the months of April 2024 reveal that all monitoring locations qualify class B water quality criteria
6.	Shalibugh wetland Ganderbal	03	The test analysis reports for the months of April 2024 reveal that out of 03 monitoring locations 2 locations do not qualify class B water quality criteria
7.	Hygam wetland Pampore Pulwama	03	The test analysis reports for the months of April 2024 reveal that all monitoring locations qualify class B water quality criteria
8.	Freshkoori Pampore Pulwama	02	The test analysis reports for the months of April 2024 reveal that none of the locations qualify class B water quality criteria
9.	Kranchoo Pampore Pulwama	03	The test analysis reports for the months of April 2024 reveal that none of the locations qualify class B water quality criteria
10	Chatlam Pampore Pulwama	03	The test analysis reports for the months of April 2024 reveal that out of 03 monitoring locations 2 locations do not qualify class B water quality criteria
11.	Manibugh Pampore Pulwama	02	The test analysis reports for the months of April 2024 reveal that none of the locations qualify class B water quality criteria

Submitted for favour of information and further necessary action please.

Enclosure:- 10 sheets

Yours Faithfully

I/C Water lab
Srinagar

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Wular Lake for the Month of March, 2024

Date of Sampling:-05/03/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nitrogen	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
1	Saderkot: 4048	10.0	9.5	8.11	196	104	9.8	34.7	3.0	0.119	0.708	21.51	150.0	26.45	20.41	60.0	28.0	8.0
2	Banwari	18.0	10.0	7.86	171	90	10.0	27.8	2.5	0.075	0.504	5.75	150.0	36.07	14.58	74.0	20.0	6.0
3	Nadihal(Erin Nallah): 3266	18.0	12.1	7.16	104	55	10.0	27.8	2.5	0.112	0.558	11.66	146.0	26.65	5.83	46.0	22.0	11.0
4	Zalwan: 4049	12.5	11.8	7.71	179	126	9.5	36.5	3.7	0.146	0.402	13.18	140.0	41.68	8.74	96.0	24.0	6.0
5	Ashtingoo	15	12.9	7.84	139	98	10	33.0	2.8	0.126	0.498	20.30	120.0	33.66	8.74	80.0	24.0	7.0
6	Kanibath: 3265	13	10	7.84	142	100	9.9	33.0	2.9	0.102	0.918	21.36	140.0	40.88	9.23	56.0	26.0	6.0
7	Watlab: 3264	12.6	9	8.1	196	138	10.0	29.56	2.5	0.102	0.588	27.87	184.0	50.50	14.09	88.0	26.0	5.0
8	Ningli: 3263	13.1	11.2	8.15	223	159	9.8	26.0	2.4	0.113	0.504	31.81	170.0	45.69	13.60	92.0	24.0	5.0
9	Garrora	19.5	8	7.50	273	145	9.4	38.25	4.0	0.143	0.498	39.84	152.0	48.09	7.77	74.0	32.0	8.0
#	Hathlangoo	11.8	9.7	8.10	212	142	9.2	26.0	2.5	0.123	0.642	22.57	230.0	48.09	26.73	98.0	24.0	12.0
#	Tulbagh	13.6	11.0	7.75	174	123	8.9	27.8	3.0	0.146	0.816	32.72	206.0	46.49	21.87	80.0	24.0	6.0
Primary water quality criteria for Bathing (class B)		_	_	6.5 -8.5	_	_	>5mg/l	_	<3mg/l	_	_	_	_	_	_	_	_	_

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by officials of Wular Development Authority

Analyzed by

I/C Water lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Wular Lake for the Month of April, 2024

Date of Sampling:-22/04/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
1	Saderkot: 4048	21.0	20	8.44	205.0	108.0	9.0	26.1	2.2	0.119	0.66	27.87	110	34.46	5.83	80.0	22.0	13.0
2	Banwari	20	18	8.35	191.0	101.0	7.7	28.03	2.4	0.074	1.152	5.3	140	10.08	9.72	100.0	18.0	10.0
3	Nadihal(Erin Nallah): 3266	18.2	19.5	8.08	72.0	40.0	10.0	16.84	1.5	0.068	0.726	6.96	84	20.04	8.26	46.0	16.0	22.0
4	Zalwan: 4049	25.5	21.5	10.49	118.0	60.0	8.7	20.55	2.2	0.100	0.69	11.66	102	26.45	8.74	52.0	10.0	7.0
5	Ashtingoo	25	20	7.8	143.0	76.0	10.1	18.69	2.0	0.093	0.834	9.69	88	28.85	3.88	78.0	16.0	6.0
6	Kanibath: 3265	25	23	8.1	170.0	90.0	10.3	26.16	3.0	0.209	0.768	13.63	100	32.86	4.37	96.0	14.0	8.0
7	Watlab: 3264	22.1	16.9	8.07	172.0	91.0	9.0	18.69	2.0	0.119	0.768	15.45	144	40.88	2.91	84.0	16.0	6.0
8	Ningli: 3263	20	17.6	8.02	202.0	106.0	7.5	16.82	1.5	0.12	0.621	19.08	110	36.07	4.86	96.0	12.0	4.0
9	Garrora	19	17.5	8.50	202.0	106.0	9.5	24.29	2.6	0.09	0.66	28.33	120	35.27	7.77	84.0	20.0	9.0
#	Hathlangoo	23.1	19.2	8.11	170.0	90.0	8.9	16.82	2.0	0.015	0.864	17.72	120	40.08	4.86	86.0	12.0	10.0
#	Tulbagh	25.0	20.0	8.11	204.0	107.0	7.3	20.55	2.1	0.157	1.104	18.02	132	41.68	6.8	94.0	12.0	8.0
	Primary water quality criteria for Bathing (class B)	_	_	6.5 -8.5	_	_	>5mg/l	_	<3mg/l	_	_	_	_	_	_	_	_	_

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by officials of Wular Development Authority

Analyzed by

I/C Water lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Anchar Lake for the Month of April, 2024

Date of Sampling:-06/04/2024

S/NO	Sampling spots,	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
1	Anchar lake: Near Sangam: 4045	20.1	19.4	7.52	340	186.0	4.1	40.0	3.4	0.201	1.89	27.87	208	56.11	16.52	124.0	40.0	6.0
2	Anchar lake: Central Anchar: 4044	20	19.5	7.71	361	201.0	7.5	32.0	2.5	0.229	1.722	40.45	220	61.72	17.49	146.0	42.0	7.0
3	Anchar lake: Sindh Entry: 4043	19.8	17.5	8.06	372	210.0	8.3	24.00	2.5	0.070	0.642	39.84	258	56.91	28.18	162.0	20.0	3.0
4	Anchar lake: Near Jenab Sahab: 4047	20	19.3	7.60	349	197.0	4.8	64.0	7.5	0.234	2.00	35.45	262	57.71	28.67	112.0	42.0	4.0
5	Anchar lake: Near SKIMS Soura: 4046	20.1	19.4	7.56	338	188.0	3.2	64.0	6.5	0.231	1.09	29.39	198	60.92	11.17	120.0	48.0	3.0
Primary water quality criteria for Bathing (class B)		_	_	6.5 -8.5	_	_	>5mg/l	_	<3mg/l	_	_	_	_	_	_	_	_	_

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by

Analyzed by

I/C Water lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Dal Lake for the Month of March, 2024

DATE OF SAMPLING:- 18/03/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
1	Dalgate:3251	19.8	14.1	8.13	229.0	135.0	7.0	56.0	6.3	0.086	0.69	12.27	230	52.90	23.81	130	20.0	8.0
2	Nehru park 1309	19.4	15.2	8.78	229.0	136.0	8.50	40.0	3.7	0.086	0.708	12.72	180	52.90	11.66	128	28.0	4.0
3	Grand Palace Ghat	19.5	15.5	8.90	222.0	134.0	7.5	64.0	5.9	0.074	0.672	12.72	190	52.90	14.09	P=8 M=134 T=142	20.0	5.0
4	Near Nishat STP: 3253	19.0	16.8	9.02	231.0	138.0	8.0	56.0	6.0	0.070	1.128	23.48	196	57.71	12.63	P= 13 M=145 T=158	28.0	5.0
5	Nishat Water Intake: 3261	19.5	17	8.43	218.0	134.0	8.7	56.0	5.8	0.062	1.206	26.96	284	56.11	34.92	138	20.0	6.0
6	Telbal entry: 3256	19.5	21	7.71	269.0	167.0		112.0	18.8	1.08	1.752	64.23	260	58.51	27.70	130	16.0	34.0
7	Near STP Habak: 3257	19.8	21.2	7.65	254.0	161.0		120.0	23.5	0.132	1.668	63.78	286	78.95	22.84	135	24.0	20.0
8	Near STP Hazratbal: 3258	19.5	21	8.15	255.0	161.0		112.0	15.8	0.098	1.134	47.41	264	67.33	23.32	138	20.0	10.0
9	Dobighat: 3259	20.0	19.5	8.15	263.0	161.0		104.0	12.1	0.073	0.81	40.90	204	64.12	10.69	130	32.0	7.0
10	Charchinari: 3252	19.8	16.2	9.10	221.0	132.0	8.9	32.0	4.0	0.043	0.702	15.75	166	49.69	10.20	P=10 M=140 T=150	28.0	7.0
11	Abikarpora: 3254	19	16.5	9.01	222.0	130.0	9.0	56.0	4.8	0.046	0.69	18.02	198	56.11	14.09	P=12 M=146 T=158	20.0	11.0
12	Sonalank: 3260	20.5	19	8.52	255.0	157.0	7.9	56.0	5.0	0.085	0.888	43.93	210	60.92	14.09	140	20.0	9.0

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by

Analyzed by

I/C Water lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Dal Lake for the Month of March, 2024

DATE OF SAMPLING:- 18/03/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
13	Nayadyar: 4041	21.7	19.3	8.10	295.0	188.0	3.0	112.0	16.5	0.147	2.25	54.54	210	49.69	20.89	210	68.0	12.0
14	Jogilankar: 4042	22	19.5	8.12	306.0	195.0	2.3	120.0	18.0	0.152	2.33	55.14	220	58.51	17.98	212	64.0	14.0
15	Golden Lake:0	19.7	14.8	8.54	228.0	134.0	7.5	40.0	4.1	0.062	0.75	12.12	220	51.30	22.35	140	24.0	9.0
16	SKICC Backside	19.5	16	8.81	234.0	141.0	7.4	48.0	5.0	0.097	0.672	18.78	240	62.52	20.41	P=6 M=132 Total=138	24.0	15.0
17	Makai Park Point	17.6	16.3	9.02	226.0	133.0	8.2	48.0	5.0	0.048	0.684	21.96	240	64.12	19.44	P=8 M=142 Total=150	36.0	8.0
18	Nishat Garden	18.5	17.0	8.86	246.0	148.0	8.4	56.0	6.2	0.063	0.774	48.17	260	46.49	34.99	P=4 M=140 T=144	28.0	5.0
19	Near Shalimar	18.8	17.5	8.32	260.0	157.0	9.0	56.0	5.8	0.076	0.702	47.87	276	54.50	34.02	158	28.0	6.0
20	Hazratbal Ablution point	21.0	19.8	8.47	259.0	159.0		80.0	9.1	0.073	1.07	43.02	280	65.73	28.18	130	28.0	8.0
21	Khonkhan Area IPS	20	15.0	7.55	246.0	145.0	6.2	64.0	6.6	0.200	0.798	13.02	180	48.09	14.58	140	28.0	5.0
22	Ashaibagh Bridge: 4040	21.5	18.0	8.98	257.0	162.0		72.0	7.6	0.047	1.16	41.96	192	52.10	15.06	P=4 M=146 Total=150	20.0	8.0
23	Nigeen: 3262	20.8	18.0	9.10	264.0	169.0		80.0	9.5	0.059	0.954	50.75	170	49.69	11.17	P=11 M=149 Total=160	22.0	8.0
24	Saderbal	20.0	19.0	8.42	268.0	174.0		96.0	12.1	0.140	1.362	55.75	250	64.12	21.87	142	28.0	11.0

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by

Analyzed by

I/C Water lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Dal Lake for the Month of April, 2024

DATE OF SAMPLING:- 22/04/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
1	Dalgate:3251	24.2	22.7	8.13	266.0	143.0	8.6	41.67	4	0.024	0.744	23.48	200.0	52.10	17.01	160	22.0	7.3
2	Nehru park 1309	24.2	22.3	9.04	255.0	137.0	6.20	33.3	3.9	0.071	0.81	16.81	188.0	56.11	11.66	P=8 M=150 T=158	18.0	3.7
3	Grand Palace Ghat	24.5	22.5	9.01	258.0	138.0	9.2	58.3	5.3	0.068	0.726	19.99	180.0	48.89	14.09	P=6 M=128 T=134	24.0	6.1
4	Near Nishat STP: 3253	24.8	23.5	8.35	249.0	133.0	9.4	50.0	5.0	0.108	0.852	26.51	166.0	48.09	11.17	140	20.0	17.8
5	Nishat Water Intake: 3261	24.5	21.5	8.39	252.0	134.0	9.5	49.17	5.1	0.075	0.816	19.39	158.0	48.09	9.23	144	20.0	6.9
6	Telbal entry: 3256	23.8	21.5	9.39	208.0	110.0		108.0	13.7	0.094	0.954	17.54	150.0	41.68	11.17	P=16 M=130 T=146	16.0	7.0
7	Near STP Habak: 3257	24.2	21.0	9.15	198.0	104.0		100.0	12.1	0.093	0.816	15.9	124.0	36.07	8.26	P=6 M=130 T=136	16.0	5.0
8	Near STP Hazratbal: 3258	25.2	21.1	9.1	203.0	107.0		75.0	7.3	0.103	0.732	17.24	124.0	40.08	5.83	P=8 M=138 T=146	12.0	4.0
9	Dobighat: 3259	25.3	21.2	9.02	200.0	106.0		58.33	4.5	0.069	0.816	15.60	144.0	48.09	5.83	P=16 M=116 T=132	18.0	4.0
10	Charchinari: 3252	24.5	23.7	8.32	245.0	132.0	10.2	33.3	3.1	0.052	0.696	20.6	214.0	45.69	24.30	146	18.0	3.5
11	Abikarpora: 3254	24.7	23.4	9.03	238.0	127.0	9.6	25.0	3	0.065	0.648	23.63	154.0	39.27	13.6	P=12 M=116 T=128	20.0	3.2
12	Sonalank: 3260	25.3	21.9	8.69	211.0	112.0	10.6	41.67	4.2	0.081	0.654	13.18	146.0	48.09	6.31	120	22.0	5.8

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by

Analyzed by

I/C Water lab

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of Dal Lake for the Month of April, 2024

DATE OF SAMPLING:- 22/04/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Amm Nit	Sulphate	Hardness	Calcium	Magnesium	T Alkalinity	Chloride	Turbidity
13	Nayadyar: 4041	24	19.5	7.26	277.0	144.0	4.0	66.67	7.0	0.162	1.61	17.11	170.0	54.5	8.26	134	18.0	5.0
14	Jogilankar: 4042	24	18.2	7.5	269.0	143.0	3.9	66.67	6.0	0.111	1.44	16.96	134.0	46.49	4.37	142	14.0	4.0
15	Golden Lake:0	24.3	22.5	8.87	246.0	137.0	9.9	58.3	4.8	0.31	1.01	16.36	208.0	48.09	21.38	P=6 M=172 T=178	12.0	6.6
16	SKICC Backside	24.7	23.4	8.46	249.0	132.0	10.8	50.00	5.3	0.059	0.792	30.9	164.0	44.88	12.63	146	20.0	6.2
17	Makai Park Point	24.6	23.3	8.49	248.0	131.0	10.3	33.3	3.6	0.065	0.804	27.42	216.0	46.49	24.3	150	16.0	7.3
18	Nishat Garden	24.1	21.8	8.48	245.0	130.0	9.7	4.67	4.1	0.102	0.738	17.72	156.0	49.69	7.77	138	18.0	8.0
19	Near Shalimar	23.9	21.8	8.1	233.0	123.0		58.33	5.5	0.087	0.81	18.63	194.0	46.49	18.95	120	19.0	16.0
20	Hazratbal Ablution point	23.8	22.5	9.25	182.0	97.0		66.67	7.7	0.082	0.78	14.08	126.0	40.88	5.83	P=18 M=104 T=122	18.0	5.0
21	Khonkhan Area IPS	24.1	18.1	7.55	269.0	140.0	4.8	41.67	4.3	0.594	1.152	14.54	164.0	52.1	8.2	150	22.0	3.0
22	Ashaibagh Bridge: 4040	25.4	18.5	8.93	240.0	128.0		58.33	5.8	0.197	0.786	16.05	196.0	47.29	18.95	P=22 M=146 T=168	16.0	4.0
23	Nigeen: 3262	25.5	19.5	9.12	255.0	137.0		50.0	5.8	0.076	0.918	26.36	182.0	56.11	10.2	P=12 M=134 T=146	22.0	5.0
24	Saderbal	25.5	21.6	8.45	277.0	147.0		50.0	5.7	0.078	1.068	26.2	182.0	48.09	15.06	140	24.0	6.0

→All Values are in mg/l except pH, ,turbidity & Temperature.

Samples collected by

Analyzed by

I/C Water lab

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J&K Pollution Control Committee

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of various Wetlands of Kashmir Division

		Hokarsar Budgam			Manasbal Lake					
LOCATION		Inlet	Centre	Outlet	Inlet	Centre	Outlet			Primary water quality criteria for outdoor Bathing(Organised) (class B)
Date of Sampling:-		22-04-2024			22-04-2024					
S.no										
1	Air Temp. °C	26.0	31.0	30.0	19.1	24.0	20.0			
2	Water Temp. °C	20.4	20.5	18.5	16.5	21	18.1			
3	pH	8.16	8.08	8.26	8.38	8.4	8.19			6.5 - 8.5
4	Conductivity µs/cm	340.0	300.0	333.0	267.0	262.0	273.0			
5	T.D.S	184.0	158.0	176.0	147.0	144.0	150.0			
6	D.O	8.5	5.0	6.0	8.5	10.0	8.0			>5mg/l
7	C.O.D	37.00	26.40	33.94	14.95	13.08	13.08			
8	B.O.D	4.00	2.6	3.20	1.40	1.00	1.00			< 3mg/l
9	Phosphate	0.712	0.131	0.168	0.009	0.096	0.051			
10	Ammonical Nitrogen	3.26	1.450	0.876	0.384	0.444	0.714			
11	Sulphate	27.57	15.46	11.21	22.42	24.08	33.33			
12	Hardness	158.0	186.0	204.0	186.0	172.0	168.0			
13	Calcium	43.28	47.29	52.10	42.48	39.27	34.46			
14	Magnesium	12.15	16.52	17.98	19.44	17.98	19.92			
15	Total Alkalinity	168.0	176.0	170.0	120.0	110.0	126.0			
16	Chloride	24.0	24.0	26.0	20.0	14.0	16.0			
17	Turbidity NTU	93.0	45.0	26.0	3.0	4.0	3.0			

→All Values are in mg/l except pH, conductivity, Turbidity & Temperature.

Samples collected and submitted for analysis by WildLife wetland division

Analysis results are confined to the Samples Submitted for Analysis

Analyzed by

I/C Water Lab

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J&K Pollution Control committee

Office of The Regional Director – Kashmir

Analysis Report

Physico Chemical Characteristics of various Wetlands of Kashmir Division

		Shallbugh Ganderbal			Hygam Baramulla			Freshkroori Pulwama			Primary water quality criteria for outdoor Bathing(Organised) (class B)
LOCATION		Inlet	Centre	Outlet	Inlet	Centre	Outlet	Inlet	Centre		
Date of Sampling:-		22-04-2024			21-04-2024			23-04-2024			
1	Air Temp. °C	22.9	30.2	18.8	18.0	16.0	15.0	20.0	20.9		
2	Water Temp. °C	17.1	16.7	19.5	20.0	18.0	17.0	18.6	19.0		–
3	pH	7.25	7.60	7.81	8.08	7.91	8.30	9.58	8.45		6.5 - 8.5
4	Conductivity µs/cm	324.0	392.0	326.0	236.0	216.0	231.0	501.0	607.0		–
5	T.D.S	173.0	207.0	172.0	130.3	120.0	127.8	282.0	331.0		–
6	D.O	2.9	3.1	5.0	6.9	5.1	9.0	2.0	3.8		>5mg/l
7	C.O.D	72.00	48.00	32.00	26.16	18.69	24.29	96.00	104.00		–
8	B.O.D	7.90	4.40	2.80	2.3	1.5	2.0	14.8	15.2		< 3mg/l
9	Phosphate	0.400	0.529	0.347	0.213	0.173	0.117	0.178	0.218		–
10	Ammonical Nitrogen	2.0	1.88	1.21	2.400	1.920	1.05	2.242	2.250		–
11	Sulphate	28.78	49.54	19.39	35.90	28.33	11.360	33.02	32.57		–
12	Hardness	210.0	240.0	186.0	134	114	138.00	216.0	266.0		–
13	Calcium	54.50	52.10	45.69	33.66	34.46	35.27	48.1	76.15		–
14	Magnesium	17.98	26.73	17.49	12.15	6.8	12.15	23.3	18.46		
15	Total Alkalinity	202.0	210.0	180.0	122.0	126.0	138.0	P=8 M=232 Total=240	280.0		–
16	Chloride	24.0	46.0	26.0	30.0	28.0	24.0	80.0	84.0		–
17	Turbidity NTU	39.0	3.0	5.0	134.0	90.6	26.5	25.0	23.0		

→All Values are in mg/l except pH, conductivity,Turbidity & Temperature.

Samples collected and submitted for analysis by WildLife wetland division

Analysis results are confined to the Samples Submitted for Analysis

Analyzed by

I/C Water Lab

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J&K Pollution Control Committee

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Physico Chemical Characteristics of various Wetlands of Kashmir Division

		Kranchoo pampore			Chatlam Pampore			Manibugh Pulwama			Primary water quality criteria for outdoor Bathing(Organised) (class B)
LOCATION		Inlet	Centre	Outlet	Inlet	Centre	Outlet	Inlet	Centre		
Date of Sampling:-		23-04-2024			23-04-2024			23-04-2024			
S.no											
1	Air Temp. °C	22.5	23.5	23.0	17.8	15.0	18.0	23.0	24.0		–
2	Water Temp. °C	21.0	21.5	19	15.6	14.5	16.3	19.5	20.5		
3	pH	7.66	7.39	7.61	7.58	8.42	7.61	8.01	8.42		–
4	Conductivity µs/cm	570.0	443.0	561.0	416.0	814.0	445.0	940.0	780.0		6.5 - 8.5
5	T.D.S	312.0	245.0	307.0	220.0	435.0	245.0	514.0	433.0		–
6	D.O	5.8	4.0	3.4	4.8	5.6	5.0	4.5	6.7		–
7	C.O.D	67.29	31.78	28.04	39.24	65.42	28.00	42.98	39.24		>5mg/l
8	B.O.D	5.7	3.5	3.30	3.50	5.7	2.9	4.10	3.2		–
9	Phosphate	0.323	0.084	0.064	0.1000	0.109	0.089	1.14	1.06		< 3mg/l
10	Ammonical Nitrogen	1.572	1.056	0.684	0.504	1.030	0.468	1.14	1.060		–
11	Sulphate	13.33	5.45	4.84	7.57	13.48	8.33	3.480	5.450		–
12	Hardness	284.0	226.0	304.0	254.0	186.0	160.0	436.0	360.0		–
13	Calcium	48.89	50.50	72.14	50.50	48.09	32.06	122.64	96.19		–
14	Magnesium	39.36	30.61	30.13	31.10	16.0	19.44	31.57	29.16		
15	Total Alkalinity	286.0	300.0	360.0	260.0	450.0	262.0	690.0	340.0		–
16	Chloride	22.0	20.0	34.0	30.0	70.0	28.0	48.0	38.0		–
17	Turbidity NTU	7.0	10.0	8.0	4.0	3.0	3.0	15.0	11.0		–

→All Values are in mg/l except pH, conductivity,Turbidity & Temperature.

Samples collected and submitted for analysis by WildLife wetland division

Analysis results are confined to the Samples Submitted for Analysis

Analyzed by

I/C Water Lab

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Government of Jammu & Kashmir
J&K POLLUTION CONTROL COMMITEE
OFFICE OF THE REGIONAL DIRECTOR - KASHMIR
Sheikh-ul-Alam Campus, Rajbagh, near Government Silk Factory, Srinagar-190008
www.jkspcb.in *Email: regionaldirectorkmr@gmail.com, Tel/fax 0194-2311842*

Member Secretary
JK Pollution Control Committee
Jammu.

No:- PCC/RDK/PS/2024/..304-05 Dated:- 04-05-2024

Subject:- Hon'ble NGT directions dated 13-03-2024 in Suo Motu matter in re: News items appearing in Kashmir Life dated 02-02-2024 entitled "What challenges are kashmiri wetlands facing"?

Reference:- JKPCC/SC/OA-239/2024/899-901 dt. 30-03-3024.

Sir,

With regard to the subject and reference cited above, the reply to the observations is given here as under:

1. Water Quality Monitoring report of wetlands submitted by Incharge Water Lab is attached as annexure 'A'.

2. Status of Monitoring done by concerned Divisional Officer and factual report w.r.t. solid waste dumping etc is given here under:-

S.No	District	Status of monitoring of solid waste dumping
1	Srinagar	The dumping of un segregated Solid Waste was seen at different unfenced collection centres which is afterwards transported by SMC to landfill site at Achan. (Report enclosed as annexure 'B').
2	Budgam	Soild Waste dumps / carcases were seen deposited in the Hokersar Wetland which surely comes from the adjoining residential areas enroute the feeding area of Hokersar that finally find its drainage point in the wetland of Hokersar. Grit screen retention nets and barriers though provided but proper management of Municipal Solid Waste is lacking out. No cleaning or removal of retained solid waste/ plastic waste has been witnessed since long. (Report enclosed as annexure 'C').
3	Ganderbal	The dumping of un segregated and un treated Solid Waste at Kohistan Colony Safapora by the concerned ULB/Authority has been witnessed which is approximately one kilometer from the Mansbal lake. Besides, a few dumps of unattended solid wastes near Jhoraka park on the Bank of the Mansbal lake at Rather Mohalla also seen. The scientific solid waste management is lacking in the area as reported by the field team

		after conducting inspection. (Report enclosed as annexure 'D').
4	Bandipora	During inspection dumping of un segregated and un treated solid waste by Municipal Council Bandipora has been witnessed on the Bank of Wullar Lake at Nussu Zalwan Bandipora. The site at which crude dumping of solid waste that too without segregation and treatment is not even fenced and stray animals have an easy access to dumping site. Dumping site is at an approximate distance of 100 mts from habitation and at an approximate distance of 200 mts from educational institute. (Report enclosed as annexure 'E').
5	Baramulla	During the inspection no solid waste dump and illegal activities were seen in area of wetland because water level of area is very high. (Report enclosed as annexure 'F').

Submitted for information and necessary action.

Yours faithfully

(Abhijeet Joshi)SFS
Regional Director, PCC
Kashmir

Copy to the:-

1. PA to Chairman, JK PCC Jammu for information of the worthy Chairman.

J&K State Pollution Control Commitee
Gladni Narwal Transport Nagar Jammu
Water Quality Status of Mansar lake during February & March,2024 April

S.No.	Parameter	Lake Mid point Stn.Cde:-2738			Point of discharge from diff.est. Stn.Code:- 2739			Standard	Class of water
		February,2024	March,2024	April 2024	February,2024	March,2024	April 2024		
1	Temperature	16	17	19	16	17	19	-	N.S.
2	Dissolved Oxygen(DO)	7.0	8.0	7.8	6.8	7.7	7.6	>5.0	'B'
3	pH	7.36	7.24	7.42	7.56	7.38	7.56	6.5-8.5	'B'
4	Conductivity(mg/l)	232	224	216	238	232	224	N.S.	
5	BOD (mg/l)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	'B'
B	'Nitrate-N	0.3	0.40	0.12	0.31	0.44	0.19	N.S.	
7	Nitrite – N(mg/l)	0.04	0.015	0.035	0.05	0.03	0.036	-	
General Parameters									
1	Turbidity (NTU)	2	2	2.0	2	2	4	N.S.	
2	TDS	136	130	126	139	135	130	N.S.	
3	Ammonia-N	0.46	0.20	0.70	0.4	0.20	0.73	N.S.	
4	Phosphate-P	-	0.032	0.035	-	0.03	0.036	N.S.	
5	COD	<1.0	1.5	1.4	<1.0	1.7	1.6	N.S.	
6	Total Alkalinity as $CaCo_2$	104	112	108	112	116	112	N.S.	
7	Hardness as $CaCo_2$	98	104	106	100	108	110	N.S.	
8	Calcium as $CaCo_3$	76	82	82	76	84	84	N.S.	
9	Magnesium as $CaCo_3$	22	22	24	24	24	26	N.S.	
10	Sodium(mg/l)	15.5	15	16.0	18	18.3	18.0	N.S.	
11	Potassium(mg/l)	3.6	3.3	3.6	3.4	3.3	3.6	N.S.	
13	Chloride(mg/l)	16	15	16	17	16	18	N.S.	

Note : All the concentrations are expessed in mg/l except p H,Conductivity (µS/cm) & Turbidity (NTU)

Analyst

Ritu Gupta Sc.
8/5/24
Analyst & I/c Water Lab

J&K State Pollution Control Board
Gladni Narwal Transport Nagar Jammu
Water Quality Status of Surinsar lake during the February ,March & April 2024

S.No.	Parameter	Surinsar Lak near Residential area			Surinsar Lake near Commercial establishments			Standard	Class of water
		February,2024	March,2024	April 2024	February,2024	March,2024	April 2024		
1	Temperature	17	18	20	17	18	20	-	
2	Dissolved Oxygen(DO)	6.5	6.3	6.0	4.0	4.8	4.4	>5.0	'C'
3	pH	7.96	7.86	8.10	8.2	7.92	8.24	6.5-8.5	'B'
4	Conductivity(mg/l)	196	188	192	192	194	196	N.S.	
5	BOD (mg/l)	1.7	1.9	2.0	4.3	4.4	2.1	<3.0	'C'
6	Nitrate-N(mg/l)	1.1	0.76	0.98	0.89	2.10	1.0	N.S.	
7	Nitrite –N(mg/l)	0.07	0.050	0.042	0.07	0.130	0.040	-	
General Parameters									
1	Turbidity (NTU)	12	14	18	13	16	19	N.S.	
2	TDS	114	110	112	112	112	114	N.S.	
3	Ammonia-N	1.8	0.430	0.48	1.24	1.012	0.485	N.S.	
4	Phosphate-P	-	0.04	0.05	-	0.130	0.065	N.S.	
5	COD	12.5	10.1	10.5	17.4	23.5	11.0	N.S.	
6	Total Alkalinity as $CaCo_2$	140	132	136	144	136	140	N.S.	
7	Hardness as $CaCo_2$	132	124	132	136	126	136	N.S.	
8	Calcium as $CaCo_3$	106	100	106	108	102	110	N.S.	
9	Magnesium as $CaCo_3$	26	24	26	28	24	26	N.S.	
10	Sodium(mg/l)	14.4	14.1	14.4	13.9	13.7	14.1	N.S.	
11	Potassium(mg/l)	3.9	3.7	4.0	4.1	4.3	4.3	N.S.	
13	Chloride(mg/l)	26	24	26	24	24	28	N.S.	

Note : All the concentrations are expressed in mg/l except p H,Conductivity (µS/cm) & Turbidity (NTU)

Analyst

Analyst & I/c Water Lab

Annexure-III

Item No.05 Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

Original Application No. 239/2024

News item titled "**What Challenges Are Kashmiri Wetlands Facing?**" appearing in Kashmir Life dated 02.02.2024

Date of hearing: 13.03.2024

CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER

ORDER

1. This OA is registered *suo motu* on the basis of the news item titled "**What Challenges Are Kashmiri Wetlands Facing?**" appearing in Kashmir Life dated 02.02.2024.

2. The news item raises the issue of deteriorating condition of wetlands in India especially in Kashmir. As per the article in the Kashmir Valley alone, wetlands occupy an area of nearly 42,661 hectares comprising of 755 small and large water bodies. The news item discloses that unchecked deposition of millions of tons of sediments annually has led to shallowing of wetlands, elevated temperatures, increased Biochemical Oxygen Demand (BOD) and pH levels. The news item further states that illegal encroachment, cultivation activities and waste discharge have aggravated the situation. It has been disclosed that the Dal Lake is facing the problem of discharge of municipal waste and pollution from local and external sources and similar is the situation of Wular Lake, Manasbal Lake, Haigam Rakh, Hokersar, Anchar and Shalbug and these water bodies are grappling with issues like sedimentation, land use and land cover (LULC) changes, infrastructural

impediments, haphazard planning and vested interests from various segments of society, including development authorities like LAWDA and WUMDA. The news item reflects the need for effective management of wetlands and water bodies and swift and tangible measures to ensure their sustainability.

3. The news item raises substantial issue relating to compliance of the environmental norms, implementation of the provisions of the Wetland (Conservation and Management) Rules, 2017 and Environment (Protection) Act, 1986.

4. Power of the Tribunal to take up the matter *suo-motu* has been recognized by the Hon'ble Supreme Court in the matter of *"Municipal Corporation of Greater Mumbai vs. Ankita Sinha & Ors." reported in 2021 SCC Online SC 897*.

5. Hence, we implead the following as respondents in the matter:

i. Jammu & Kashmir Pollution Control Committee through its Member Secretary.
ii. Jammu & Kashmir Wetland Authority through its Secretary.
iii. Secretary, Forest, Ecology & Environment Department, Jammu & Kashmir.
iv. Member Secretary, Central Pollution Control Board.
v. Regional Officer, Ministry of Environment, Forest and Climate Change, Chandigarh.

6. Let notice be issued to the above Respondent for filing their response at least one week before the next date of hearing.

7. On advance notice, report on behalf of Jammu & Kashmir Pollution Control Committee (J&KPCC) has been filed stating that the monitoring of

nine (9) wetlands i.e. Hokarsar, Mirgund, Manibugh, Freshkoori, Chattlam, Kranchoo, Shallbugh, Hygam and Manasbal was done and on the basis of the monitoring report, they have been identified as 'B', 'C' and 'D' as per the designated best use of water quality criteria prescribed by CPCB. The Annexure A to the report discloses the classification of water bodies on the basis of the annual average as under:

"Classification of various Wetlands of Kashmir Division on the basis of Annual Average:

Name of the wetland	***Location***	***2021***	***2022***	***2023***	***2024***
HOKARSAR	*Inlet*	*Class B except DO*	*Class B except BOD*	*Class B except BOD*	*Class B except BOD*
	Center	*Class B except DO*	*C*	*C*	*Class B except BOD*
	Outlet	*Class B except BOD*	*B*	*B*	*B*
MIRGUND	*Inlet*	-	*B*	*Class B except BOD*	*B*
	Center	*C*	*B*	*C*	*B*
	Outlet	*Class B except BOD*	*Class B except BOD*	*B*	*B*
MANIBUGH	*Inlet*	-	*Class B except BOD*		*Class B except BOD*
	Center	*C*	*Class B except BOD*	*C*	*Class B except BOD*
	Outlet	-	*C*	*D*	
FRESHKOORI	*Inlet*	-	*D*	*Polluted*	*Polluted*
	Center	*Polluted*	*Polluted*	*Polluted*	*Polluted*
	Outlet	-	*Polluted*	*Polluted*	*Polluted*
CHATTLAM	*Inlet*	*B*	*Class B except BOD*	*Class 13 except BOD*	*B*
	Center	*Class B except BOD*	*Class B except BOD*	*Class B except BOD*	*Class B except BOD*
	Outlet	*Class B except BOD*	*B*	*Class B except BOD*	*B*
KRANCHOO	*Inlet*	*Class B except DO*	*C*	*C*	
	Center	*C*	*D*	*C*	_
	Outlet	*C*	*C*	*C*	*D*
SHALLBUGH	*inlet*	*C*	*C*	*D*	*Class B except BOD*
	Center	*C*	*C*	*C*	*B*
	Outlet	_	*C*	*C*	*B*
HYGAM	*Inlet*	*Class B except BOO*	*C*	*B*	*B*
	Center	*B*	*C*	*B*	*B*
	Outlet	-	*B*	*B*	*B*
MANASBAL	*Inlet*	*B*	*B*	*B*	*B*
	Center	*B*	*B*	*B*	*B*
	Outlet	*B*	*B*	*B*	*B*

"

8. The above table, however, does not disclose the physicochemical and biological including bacteriological data in terms of numeric values which may be needed for proper assessment of water bodies.

9. Though the report was filed by the J&KPCC, but no one is present on their behalf.

10. Hence, the reports as directed above be filed by all the concerned authorities at least one week before the next date of hearing by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF.

11. List on 22.05.2024.

Prakash Shrivastava, CP

Dr. A. Senthil Vel, EM

March 13, 2024
Original Application No. 239/2024
DV