Jammu and Kashmir Pollution Control Committee

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The Consultant Judicial,
Hon'ble National Green Tribunal,
Principal Bench,
New Delhi.

No: JKPCC/NGT/OA 239-2024/ 3741-42 Date:-07-09-2024

Sub:- Compliance Report of J&K Pollution Control Committee in compliance to Hon'ble National Green Tribunal directions dated 22.05.2024 passed in OA No. 239 of 2024 titled "What Challenges are Kashmir Wetlands facing?"

Sir,

In compliance to the directions of Hon'ble National Green Tribunal, Principal Bench, New Delhi order **dated 22.05.2024 passed in OA No. 239 of 2024**, the Compliance Report of the J&K Pollution Control Committee is submitted herewith.

It is therefore, requested that the Compliance Report may kindly be taken on record and placed before the Hon'ble NGT for consideration.

Your faithfully,

Encl:- As Above

(Ghansham Singh) JKAS
Member Secretary 7.9.24
J&K PCC

Copy to the:-

1) Sh. G. M Kawoosa, Additional Standing Counsel for UT of Jammu and Kashmir, New Delhi for information and necessary action.

Before the Hon'ble National Green Tribunal
Principal Bench, New Delhi

Original Application No. **239 of 2024**

IN THE MATTER OF "What Challenges are Kashmir Wetlands facing?"

Compliance Report on behalf of Jammu and Kashmir Pollution Control Committee in compliance to Hon'ble National Green Tribunal directions dated 22.05.2024 passed in OA No. 239 of 2024 titled "What Challenges are Kashmir Wetlands facing?"

Background:

That the Hon'ble National Green Tribunal was pleased to pass following directions vide order dated **22.05.2024** in **OA No. 239 / 2024** :-

1. *"Mr. Ghansham Singh, Member Secretary, J&K PCC has submitted that for removal of encroachment from the wetlands, communications have been sent to the local bodies and so far as the reports relating to micro-biological parameters are concerned, the same are awaited and for that purpose time has been prayed for".*
2. *Learned Counsel for the Respondent No. 3 submits that he will file the relevant revenue record disclosing the details and area of each of the wetland in Jammu & Kashmir. Let the same be filed along with a tabulated chart within 8 weeks.*
3. *"It will be open to all the respondents to file their further reply/report within 8 weeks keeping in view the observations made above".*

1) In compliance to the aforesaid directions of Hon'ble NGT in OA, the detailed Action Taken Report is submitted as under:-

Earlier, matter was taken up with the Vice Chairman, J&K Lakes, Conservation and Management Authority, Srinagar, Commissioner, Srinagar Municipal Corporation, Chief Executive Officer, Municipal Council, Budgam, Chief Executive Officer, Wular, Conservation and Management Authority, Srinagar, Chief Executive Officer, Municipal Council, Bandipora, Chief Executive Officer, Municipal Council, Hajin, Executive Officer, Municipal Committee, Sumbal and Chief Executive Officer, Municipal Council, Ganderbal and were requested to furnish the details about the total area of the wetlands / waterbodies and details of the encroachment, if any, falling in their respective area of jurisdiction to the J&K PCC as per the details given below:-

S. No.	Name of the local authority	No. and Date	Annexures
1)	Vice Chairman, J&K LCMA, Srinagar	JKPCC/NGT/152/491 dated 20-05-2024	1
2)	Commissioner, SMC	JKPCC/NGT/152/492 dated 20-05-2024	2
3)	Chief Executive Officer, Municipal Council, Budgam	JKPCC/NGT/152/493 dated 20-05-2024	3
4)	Chief Executive Officer, WCMA, Srinagar	JKPCC/NGT/152/494 dated 20-05-2024	4
5)	Chief Executive Officer, Municipal Committee, Bandipora	JKPCC/NGT/152/495 dated 20-05-2024	5
6)	Executive Officer, Municipal Committee, Hajin	JKPCC/NGT/152/496 dated 20-05-2024	6
7)	Executive Officer, MC, Sumbal	JKPCC/NGT/152/497 dated 20-05-2024	7
8)	Chief Executive Officer, MC, Ganderbal	JKPCC/NGT/152/498 dated 20-05-2024	8

2) In compliance to directions of the Hon'ble NGT dated 22-05-2024 in OA No. **239 of 2024**, the concerned Deputy Commissioners were also requested to take steps for retrieval of the encroached area, if any, upon the wetlands located in their respective jurisdictions and ensure that no debris / sewage / effluent be discharged into these wetlands to avoid further conversion of wetland into the land mass for preservation of these wetlands and share complete details about the wetlands / waterbodies falling in their respective jurisdictions on the prescribed format as per the detail given below:-

Deputy Commissioners	**Wetlands/ Water bodies**	**No. and Date**	**Annexures**
Deputy Commissioner, Pulwama	Hygam wetland, Freshkoori wetland, Kranchoo wetland, Chatlam wetland, Manibugh wetland	JKPCC/NGT/0A 239/51-54; dated 30-05-2024	**9**
Deputy Commissioner, Srinagar	Dal Lake Anchar Lake Hokarsar wetland	JKPCC/NGT/0A 239/35-38; dated 30-05-2024	**10**
Deputy Commissioner, Budgam	Hokersar	JKPCC/NGT/0A 239/39-42; dated 30-05-2024	**11**
Deputy Commissioner, Bandipora	Wular Lake	JKPCC/NGT/0A 239/43-46; dated 30-05-2024	**12**
Deputy Commissioner, Ganderbal	Manasbal and Shalibug Wetland	JKPCC/NGT/0A 239/47-50; dated 30-05-2024	**13**

3) **Brief description and profile of wetlands of Kashmir:-**

i) **Dal Lake (Wetland):**

The famous Dal lake covers an area of 20.37 sq. kms surface and is a part of natural wetland which covers 21.1 sq kms including its floating gardens. This is an urban lake with maximum length of 7.44 kms and Maximum breadth of 3.5 kms, maximum depth 6 meters and average depth 1.42 meters. The lake is located in District Srinagar. The Floating

Garden known as "Rad" in Kashmiri blossom with lotus flowers during July and August. The wetland is divided by cause ways in 4 basins a) Gagribal, b) Lokut Dal, c) Bod Dal and d) Nigeeen. The Dal Lake has catchment area of 316 sq kms. As per the report of Executive Engineer, Lake Division 1st, Lake area is not encroached.

ii) **Wular Lake (Wetland) (Ramsar Site):**

The Government of Jammu and Kashmir constituted the Wular Conservation and Management Authority (WUCMA) in the year 2012 under the J&K Development Act of 1970 mandated with the conservation and preservation of Wular Lake and its feeder channels and treatment of its catchment areas. Wular lake is the largest freshwater lake located in the Districts of Bandipora and Baramulla within river Jhelum Basin and plays a significant role in the hydrography of Kashmir valley by acting as a huge absorption basin for flood water. The area of the wetland is 13000 hectares. The lake is balloon shaped with a maximum length of 16 kms and breadth of 7.6 kms with an average depth of 5.8 meters. Recognising importance of this wetland for its biodiversity of socio-economic values, the lake was designated as wetland of international importance under the Ramsar Convention in 1990.

iii) **Manasbal Lake (Wetland):**

Manasbal Lake is located about 30 kms from Srinagar and the largest lake in Kashmir. This is freshwater lake located in Safapora Block of District Ganderbal. The name Manasbal is said to be a derivate of Mansarovar. The length of lake is 5 kms and breadth is 1 km with surface area of 2.81 sq. The maximum depth of the lake is 13 meters (average depth is 4.5 meters). The catchment area is 33 sq kms. The Lake is good place for bird watching as it is one of the largest natural stamping grounds of aquatic birds in Kashmir and has be sobriquet of "supreme gem of all Kashmir Lakes". The rootstocks of lotus plant which grown

extensively in the lake are harvested and marketed and also eaten by the local people.

iv) **Anchar Lake (Wetland):**

The area of Anchar lake is 14.73 sq kms. The Lake is located between Latitude 34° 07' 30" N to 34° 12' 30" N Longitude 74° 46' 00" E to 74° 49' 30" E near Soura area in the Srinagar city. Anchar lake is mainly fed with network of channels originating from River Sindh at Ganderbal towards its western shore. The lake is connected with famous Dal lake via a channel "Aamir Khan Nallah" which passes through Gilsar and Khushalsar. Like the Dal lake and Wullar lake, it is home of Hanji community, who lives near the lake in an area called Anchar among the locals.

v) **Hokersar Wetland (Ramsar Site)**: -

This wetland spread over an area of 13.54 Sq. Km with coordinates 34° 5'54.148" N, 74° 42' 19.356" E fall in District Budgam and Srinagar. This Wetland has been taken over by the Department of Wildlife Protection Department, J&K Government. This is a renowned waterfowl reserve lies about 10 Km west of Srinagar on Srinagar – Baramulla Highway. Historically, this wetland was a shooting resort of Shri Maharaja Hari Singh of erstwhile Jammu and Kashmir State. The wetland was declared as a Ramsar site of international importance by Ramsar convention bureau on November 8, 2005. It is fed by perennial Doodh Ganga River tributary. The area of the wetland is 13.54 Sq. Kms (19135 kanals and 19 marlas) with an altitude of 1580 meter and depth 2.5 meter in spring and 0.7 meter in autumn. This wetland is an important wetland for resident and migratory waterfowl.

vi) **Hygam Wetland (Ramsar Site):-**

This wetland has an area of 7.62 Sq kms with coordinates 34° 1' 14.301"N, 74° 19,45.171" E is located in District Baramulla. This Wetland has been taken over by the Department of Wildlife Protection Department, J&K Government. The Hygam Rakh is a permanent shallow freshwater lake with maximum depth of

1.2 meters. The perennial stream feed it. The most of the lake is covered with dense growth of reeds and other emergent vegetation. This is largest remaining reed bed area in the Kashmir valley and it is of major ornithological importance. This wetland is important for migratory species and marsh land breeding species. There has been steady increase in the migrant population of waterfowl and other birds at Hygam Rakh after 1995-1996 when shooting was stopped.

vii) **Mirgund Wetland:**

This Wetland with coordinates 33° 7" 21.027" N, 74° 38' 19.368°" E, lies in Districts of Budgam and Srinagar. This is a shallow freshwater lake with associated reed beds and riverine marshes on River Jhelum with an area of 3.83 Sq. kms with an attitude of 1580 meters. The depth of the wetland according to the local run of varies between 0.1 – 0.5 meters with an area of 4.00 kms.

viii) **Shallabugh Wetland (Ramsar Site):**

This wetland with coordinates 34° 9' 42.069" N, 74° 43' 659" E, spread over an area of 16.75 Sq. kms with an attitude of 1580 meters located in Districts of Ganderbal and Srinagar is also a Ramsar site. The wetland is located in the close vicinity of Srinagar town and Anchar lake. The Marches of this wetland are fed by Sindh River and local Snow melt. The depth of the water varies from 0.3-2 meters and water level fluctuates considerably according to the rainfall and snow melt. The side towards (Shallabugh Srinagar) is dominated by paddy cultivation. While the side towards Gadoora Anchar has more of reed beds thereby providing important wintering area of water birds.

ix) **Freshkoori Wetland**

Freshkoori wetland is situated very close to the Pampore town of District Pulwama. It is spread over an area of 305 kanals and 14 Marlas and lies between 34°1.022'N74° 55.274'E and 34° 0.592'N74° 55.319'E°. This wetland is being maintained by the J&K Govt. Wildlife Protection Department and falls in the jurisdiction of Municipal Committee, Pampore, District Pulwama.

This Wetland receives a large congregation of waterfowl during winters. The most dominant waterfowl families in Freshkoori Wetland are antedate followed by Ardeidae and Ralidae.

x) **Chatlam Wetland**

Chatlam Wetland is situated on the eastern bank of River Jhelum and is located nearly about 11 kms from Srinagar city. The wetland is situated in Panchayat Konibal, Block Pampore of District Pulwama. The area of the Wetland is 852 kanals and 12 marlas and lies between 34.02^0 N and 74.93^0 E with an average elevation of 1,574 meters.

The wetland is more or less Oval shaped and popularly known as BODSAR. It is largely spring fed and enjoys a sub-mediterranean climate. Its catchment area comprises of 12 villages having a population of about 33000 using it for fishing, irrigation and domestic purposes.

This wetland has been taken up by the J&K Govt. Wildlife Protection Department after 2014 devastating floods and since then being maintained by the same department. The wildlife protection department have also kept watch and ward at the site.

xi) **Munibugh Wetland**

Munibugh Wetland situated near Pampore town of District Pulwama lies between 34^0 0.111'N 74^0 55.812'E &33^0 59.897'N 74^{0}55.595'E at an altitude of 1588 mtrs . The wetland falls in the Panchayat Kranchoo, Block Pampore, District Pulwama has an area of 106 Kanals and 19 marlas. The wetland has been taken over by the J&K Wildlife Protection Department after devastating 2014 floods and since then the same is being maintained by the Wildlife Protection Department.

This wetland is of great ecological and socio-economic importance as it harbours a diverse collection of waterfowl and is providing a good habitat for birds with abundant food, safe place for roasting, nesting and breeding.

A total of 85 species of birds belonging to 25 families including 15 species of migratory waterfowl have so far been recorded in the Manibugh.

xii) **Kranchoo Wetland**

Krentchoo (Kranchoo) Wetland lies about 17 kms east of Srinagar on Srinagar-Jammu National Highway in District Pulwama. The area of the wetland is 128 kanals and 19 marlas. It is fed by its immediate watershed (Karevas), but largely, it is spring fed and falls under the panchayat Kranchoo, Block Pampore of District Pulwama. It has been named after Kranchoo village situated near it. The wetland having 96% waterlogged area and is free from any encroachment. The Kranchoo Wetland is an important wetland for both resident and migratory waterfowl. Apart from the local residents birds, the wetland provides ample and conducive habitat for breeding of Mallards.

This wetland has also been taken over by the J&K Wildlife Protection Department after 2014, devastating floods and since then this wetland is also maintained by the Wildlife Protection Department. The Wildlife Protection Department has also kept proper watch and ward of the site.

Status Reports about Conservation and Management of these wetlands has been received from Lakes, Conservation and Management Authority, Srinagar, Project Coordinator, WUCMA, Wullar-Manasbal Development Authority, Deputy Commissioner Budgam, Deputy Commissioner Bandipora, Deputy Commissioner Pulwama, Assistant Commissioner Panchayat Ganderbal, Wildlife Warden Wetland Division Kashmir, Executive Officer, MC, Sumbal, Executive Officer MC Hajin.

4) Status of Encroachments of Wetlands: -

The Deputy Commissioner, Bandipora vide his No. DCB/Legal/Env/2024/528-32 dated 21-06-2024 has reported that the total area of the wetland namely Wular Lake (wetland) in District Bandipora is 13000 hectares. Out of which, 48 hectares (0.38% of the total area) was encroached. Out of 48 hectare, 18.45

hectare is shown to have been retrieved and balance area to be retrieved is 29.55 hectare.

Similarly, Secretary LCMA, Srinagar in his report furnished vide No. LCMA-789/1936-39 dated 05-09-2024 has reported that lake area is not encroached. The other authorities have not reported encroachment in their reports.

5) Status of Water quality analysis reports of the Wetlands:-

<table>
<tr><th>S. No.</th><th>Name of Wetland</th><th>District</th><th>Status of water quality analysis</th></tr>
<tr><td>01)</td><td>Dal Lake (Wetland)</td><td>Srinagar</td><td>
<u>January 2024 to May 2024.</u>
Water samples were collected from 24 spots of the Dal and Nageen Lakes and subjected to analysis for various physico-chemical parameters. Out of the water samples collected and tested for 24 locations during the period w.e.f January to May 2024, only one spot conforms to Class "B" criteria
Results of key indicative water quality parameters:-
<table>
<tr><th>Parameters</th><th>Range Value</th></tr>
<tr><td>pH</td><td>7.26-9.7</td></tr>
<tr><td>Dissolved Oxygen (DO)</td><td>1.0 -12.5 mg/l</td></tr>
<tr><td>Biological Oxygen Demand (BOD)</td><td>2.1-23.5 mg/l</td></tr>
<tr><td>Total Coliform Bacteria</td><td>200 cfu/100ml 36,000 cfu/100ml</td></tr>
<tr><td>Fecal Coliform Bacteria</td><td>20 cfu/100ml – 2000 cfu/100ml</td></tr>
</table>
• Low concentration of Dissolved oxygen was recorded in the back water channels of the Dal Lake viz., Nayadyar and Jogilankar, which is due to unabated flow of untreated domestic water into these channels. Higher concentrations of Dissolved Oxygen was recorded near the STPs and some open areas of the Dal lake.
• The higher concentration of BOD was recorded near STPs and in interior areas of Dal Lake viz., Nayadyar and Jogilankar.
• High concentration of Total coliform bacteria has been observed at Konkhan Intermediate Pumping Station (IPS) site, whereas, maximum concentration of Fecal Coliform Bacteria was observed near Hazratbal shrine and Konkhan Intermediate Pumping Station (IPS)
<u>Status of STPs:-</u>
</td></tr>
</table>

			Approximately, 193.34 MLD of domestic sewage is generated in Srinagar city based on 80% of 135 lpcd water supply to 1790249 of population (Projected population). For treatment of sewage generated from the catchment areas of the Dal and Nageen Lake, there are six STPs, with capacity of 53.8 MLD of sewage water. One more Common STP with capacity of 60.0 MLD is under final stage of commissioning. Untreated sewage gets entry into the Dal Lake from areas like Telbal, Lalbazar etc. **Status of June and July 2024:-** As per the Water Quality Analysis report conducted by the J&K Pollution Control Committee for the month of June and July 2024 none of the locations, out of the 24 monitoring locations, qualifies the class B criteria. (**Water quality sample analysis report enclosed as Annexure- 14)**
2)	**Wullar Lake (Wetland)**	**Bandipora and Baramulla**	• The J&K Pollution Control Committee monitor the Water Quality of this lake at 11 different spots on monthly basis in terms of Physico-chemical parameters. • As per the Water Quality Analysis report for the month of June 2024 out 11 locations 5 locations do not meet the class B criteria i.e. Outdoor bathing and micro-biological examination reveals that out of 11 locations, 10 locations do not meet class B criteria i.e. outdoor bathing. • As per the report of July 2024, out of 10 locations, 4 locations do not meet class B criteria i.e. outdoor bathing and micro-biological examination reveals that out of 10 locations 8 locations do not meet class B criteria.
3)	**Anchar Lake (Wetland)**	**Srinagar**	The J&K Pollution Control Committee is monitoring this lake at 5 locations on monthly basis. As per the report none of the water quality monitoring locations confirms to the class B water quality criteria i.e. outdoor bathing. The average water quality index of the below mentioned 8 wetlands is indicated against each along with classification of water quality.

S. No.	Name of the wetland	District	Average water quality index	Classification
4)	Chatlam	Pulwama	51	B (Medium to good)
5)	Freshkoori	Pulwama	25.5	Heavily Polluted
6)	Krenchoo	Pulwama	52	B (Medium to good)

7)	Manibugh	Pulwama	55	B (Medium to good)
8)	Hokarsar	Srinagar / Budgam	66	A (Good to Excellent)
9)	Shalibugh	Srinagar / Ganderbal	59	B (Medium to good)
10)	Hygam	Baramulla	63	B (Medium to good)
11)	Mirgund	Baramulla	59	B (Medium to good)

6) Action Taken Reports of Stakeholder Departments for Solid, Liquid and Plastic Waste Management.

i) **Action Taken Report of Secretary J&K Lake Conservation and Management Authority Srinagar:**

As per report of Secretary J&K Lake Conservation and Management Authority Srinagar vide No. LCMA -789/1936-39 dated 05-09-2024, the total area of the lake is 20.37 Sq. kms and lake area is not encroached. Solid and Plastic waste collected from households inside the hamlets, houseboats, Dunga boats / commercial establishments inside the lakes and open surface of lake on daily basis is handed over to the SMC at their designated collection points on periphery of lake for final disposal. The liquid waste is collected through Sewer network along the periphery of the lake and treated at STPs (Laam, Habak, Hazaratbal and Brari Nambal) various STPs has been proposed further by the UEED and LCMA to cater for the untreated sewage if any entering the lake. STPs will also be set up inside the Dal lake under PMDP to arrest the sewage if any coming from the hamlets inside the Dal lake. The houseboats are also connected to the sewer network. (copy enclosed **as Annexure 15).**

ii) Action Taken Report of Project Co-ordinator WUCMA:

As per the report of Project coordinator, WUCMA, furnished vide No. PC/CAT/WUCMA/2024-25/546-48 dated 25-07-2024, in the year 2000, the Wular Action Plan was formulated for an amount of Rs.200.00 crores. The following activities undertaken as per the Wular Action Plan:

A. Wetland Survey and Demarcation:

The demarcation of Wular Lake has been carried as per the revenue record on about 130 Sq. kms and stands completed. 1159 concrete boundary pillars have been fixed all over the periphery of the lake. The boundary of the lake is digitized and each boundary pillars is geo-referenced.

B. Catchment Area Treatment:

In order to arrest soil erosion and prevent sedimentation of the lake, a forestation activities and soil and water conservation measures have been carried out in immediate catchment of Wular Lake. So fart 2952 hectares of degraded area have been treated in Madhumati and Erin catchments to rehabilitate the degraded catchment. 56960 Cum of DRSM and 43956 Cum of Crates have been carried out for augmenting soil conservation measures in highly degraded areas.

C. Improving Water regimes of Wullar and Associated Wetlands:

About 5 sq kms critically silted up areas of the lake has been dredged by removing about 78 lakh cums of silt and as a result of restoration of habitats for migratory birds, like Smew and long tailed duck were also reported after 84 years in the Wullar lake. Moreover, water quality monitoring is also done on monthly basis by the J&K Pollution Control Committee at 11 designated sites of the Wullar lake for 17 parameters. As per the wetland health cards prepared based on the parameters fixed by the MoEF&CC, the wetland score of Wullar lake has improved from "B" in 2021 to "A" in 2023.

D. Bio-diversity Conservation:

This wetland is an important component of Central Asian Flay Way and every year large numbers of migratory birds visit the Wullar lake and other adjoining wetlands in the migration season from November to April. To involve local youth, NGOs and other stakeholders 200 Wullar Mitras have been registered, work in close association with the authority in its awareness and conservation programme.

Out of total 13000 hectare are of wetland, 48 hectare Which constitutes 38% of the total area was encroached. Out of the 48 hectare encroached area, 18.45 hectare has been retrieved and remaining 29.55 hectare is yet to be retrieved.

E. Waste Management:

Wular Lake has some encroached area and the removal of the same is still going on. Solid waste management in the area pertains to Rural Development Department. Under SBM-Gramin, segregation sheds and community compost -pits are being constructed. The WUCMA is handholding RDD and facilitate involvement of NGOs, to carry out IEC activities in all 30 villages".

The Government of Jammu and Kashmir vide Govt. notification issued under S.O 283 dated 25th May 2023 has re-constituted the Wullar Conservation and Management Authority (WUCMA) for preservation and conservation of Wullar Lake. The 12 members Wullar Conservation and Management Authority is headed by Financial Commissioner, Forest, Ecology and Environment Department, with Administrative Secretaries Finance Department, Planning Development & Monitoring Department and Jal Shakti Department as members of the authority.

iii) Action Taken Report of CEO Wullar-Manasbal Development Authority:

As per the report of CEO, Wullar-Manasbal Development Authority furnished vide No. CEO/WMDA/797-99 dated 15-07-2024, that There are approximately 1000 households around the lake. Door step collection of waste is being practised through concerned Rural Development Block Safapora. Besides, compost pits have been constructed in all households to encourage source level wet waste treatment. Currently, waste is being dumped at Wuddar Safapora (Kohistan colony), a site identified for development of Integrated SWM facility, DPR for development of which is under process.

iv) Action Taken Report of Assistant Commissioner Panchayat, Ganderbal:

As per the report of Assistant Commissioner Panchayat Ganderbal furnished vide No. ACP/GBL/SBM/3090-94 dated 04-09-2024, the status of Solid, Liquid and Plastic Waste Management in the settlements around Mansabal Lake is as under:-

a. **Solid Waste**: The households along the banks of Manasbal Lake generate approximately 2 MT of waste daily. This includes both biodegradable and non-biodegradable waste materials.
b. **Plastic waste**: Plastic waste generally constitutes about 10% to 15% of the total waste in such areas, an estimated 200 to 300 kilograms of plastic waste is generated daily by the households along the banks of Manasbal Lake.
c. **Bio-medical Waste**: Bio-medical waste typically makes up around 1% to 2%. The estimated amount of biomedical waste produced by the households along the banks of Manasbal Lake would be approximately 10 to 40 kilograms per day.

Furthermore, 3 plastic waste management units in these 3 blocks under the SMB 2.0 and plastic shredder and hydraulic bailing machine installed in PLWMUs will be operational. 130 dustbins have been distributed among the households, 28 community waste compost pits for solid waste management

in households residing in the vicinity of the lakes. Besides, RDD has provided7 garbage collection Van and 11 e-carts to these blocks for smooth operation of D2D garbage collection. Apart from these 6509 individual soakage pits and 43 community soakage pits have been established for management of the grey water in the area. (copy of the Report is enclosed as **Annexure 16).**

v) Status Report of Deputy Commissioner, Budgam:

As per the report of Deputy Commissioner Budgam, furnished vide No. DCB/Sq/2024-25/NGT/2386 dated 10-07-2024, Hokersar wetland is spread over an area of 19135 kanals and 19 marlas in District Budgam (Copy enclosed as **Annexure 17).**

vi) Action Taken Report of Deputy Commissioner, Pulwama:

The Deputy Commissioner, Pulwama has submitted a detailed Action Taken Report vide No. DCP/Legal/24/162-66 dated 27-08-2024 and submitted that:

1) The measures aimed at solid waste management from D2D collection, segregation at source, clearance of legacy waste and liquid waste management by way of grey water management and IEC activities for engaging the local communities has been intensified.
2) Legacy waste of more than 40 MT lying on the bank of Freshkoori wetland have been lifted and processed at Tral under the ongoing biomining contract.
3) Municipal Committee, Pampore have distributed 2000 dustbins in the Pampore town in the households residing in and around Freshkoori wetland. 100 % D2D collection and 70% segregation at the source have been achieved in all the wards of Pampore towns including the Freshkoori wetland.
4) 5 heavy drains poses a great challenge to the MC, Pampore and other departments also due to the flow of garbage and mud in these drains which ultimately approaches to this wet land and is causing adverse

impact in the environment for which following action plan has been devised.

a) Installation of Trash guard for restricting the flow of solid waste into the wetland and its removal thereafter for its treatment and disposal.

b) Installation of Sewerage Treatment Plant to check the hazard effect of Sewerage.

c) Establishment of decentralized SWM project on scientific lines has been approved at the cost of Rs. 321.55 lacs at Galander, Pampore with waste management centers of 12 TPD capacity (3 plants of 4 TPD each) which is expected to be completed and functional by March 2025.

For wetland Chhatlam, the liquid waste is being managed at household level by construction of individual and Community soakage Pits.

d) As an alternative solution, the department proposes construction of sedimentation tanks at main points, which will help in filtration of grey water and would prevent Chhatlam wetland from accumulation of sediment / other waste.

(***Report of the Deputy Commissioner, Pulwama is enclosed as Annexure-18***).

vii) <u>Action Taken Report of Department of Wildlife Protection Department</u>

These 04 wetlands of Pulwama falls under the jurisdiction of Wildlife Warden, Central Division, J&K Wildlife Protection Department (Copy enclosed as **Annexure 19).** The said division has formulated an **Integrated Management Action Plan**, IMAP (2022-2027) for eight Wetland Conservation Reserves under its jurisdiction, **including these four wetlands.** The Management and planning framework laid out in IMAP aims at striking a balance between wetlands eco-system conservation for

ensuring ecological integrity of these wetlands and livelihood security of local communities. The works executed by Wild Life Warden Wetland Division Kashmir during the last 05 years (2019-2024) including the detail of works to be undertaken under CAMPA during the current financial year 2024-2025 in Pampore Wetlands is given below in the tabulated form :

Detail of works undertaken under CAMPA from the last five (5) years (2019-2024) in Pampore wetlands:-

Year	Name of the wetland	Name of the work	Physical	Financial (in Rs.)
19-20	Chattalum WLCR	Boat ways/ Nalla kashi by way of clearance of surface area	500 Cum	1,00,000
		De-weeding	500 Cum	1,00,000
		Removal of floating Garden	500 Cum	1,00,000
		Supplementary feed for Birds during lean/ freezing period.	55 Qtls.	1,00,000
		Chain-link fencing	0.5 Km	25,57,574
	Kranchoo WLCR	De-weeding	250 Cum	50,000
	Freshkoori WLCR	Boat ways/ Nalla kashi by way of clearance of surface area	500 Cum	1,00,000
		De-weeding	500 Cum	1,00,000
		Removal of floating Garden	250 Cum	50,000
		Collection of Solid Waste Management	96 days	30,000
		Supplementary feed for Birds during lean/ freezing period.	6 Qtls.	10,000
	Munibugh WLCR	De-weeding	250 Cum	50000
20-21	Chattalum WLCR	Management of Solid and other wastes	322 Dyas	1,00,000
	Kranchoo WLCR	Management of Solid and other wastes	161 Days	50,000
	Freshkoori WLCR	Management of Solid and other wastes	161 Days	50,000

21-22	Chattalum WLCR	Creation of boat ways by way of clearance of vegetation/ cutting and removal of peat lands	750 Cum	1,50,000
		Clearance and removal of floating vegetation	750 Cum	1,50,000
		Collection and removal of Solid Waste	321 days	99,990
		Procurement of Wooden / fiber glass boats	Sankari of old wooden boats	2,50,000
	Kranchoo WLCR	Creation of boat ways by way of clearance of vegetation/ cutting and removal of peat lands	998.60Cums	1,99,721
		Clearance and removal of floating vegetation	1498.21 Cum	2,99,642
		Making of clear water pools for migratory birds by way of clearance of vegetation and de-silting.	1248.24 Cum	2,49,649
	Fresh koori WLCR	Creation of boat ways by way of clearance of vegetation/ cutting and removal of peat lands	998.60 Cum	1,99,721
		Clearance and removal of floating vegetation	1498.21 Cum	2,99,642
		Making of clear water pools for migratory birds by way of clearance of vegetation and de-silting.	1248.24 Cum	2,49,649
22-23	Chattalum WLCR	Collection of Solid Waste	20 Drives	1,00,000
		Creation of boat ways by way of clearance of vegetation/ cutting and removal of peat lands	770 Cum	1,54,000
		Clearance and removal of floating vegetation	740 Cum	1,48,000
		Making of clear water pools for migratory birds by way of clearance of vegetation and de-silting.	420 Cum	84,000
		Survey investigation and other biodiversity studies	exogenic survey for ICSA	50,000
		Models & Digital signages/ Hoardings	Hoardings	50,000
	Kranchoo	Collection of Solid Waste	15 Drives	74,000

	WLCR	Making of clear water pools for migratory birds by way of clearance of vegetation and de-silting.	1140Cum	77,000
		Survey investigation and other biodiversity studies	exogenic survey	50,000
		Models & Digital signages	Hoardings	50,000
	Munibugh WLCR	Collection of Solid Waste	10 Drives	50,000
		Survey investigation and other biodiversity studies	exogenic survey	25,000
		Models & Digital signages/ Hoardings	Hoardings	50,000
	Fresh koori WLCR	Fencing Chain Link	0.46Km	18,04,000
		Collection of Solid Waste	10 Drives	49,000
		Creation of boat ways by way of clearance of vegetation/ cutting and removal of peat lands	420 Cum	84,000
		Making of clear water pools for migratory birds by way of clearance of vegetation and de-silting.	415	83,000
		Survey investigation and other biodiversity studies	exogenic survey	70,000
		Models & Digital signages	Hoardings	49,000
23-24	Chattalum WLCR	Barbed wire fencing using angle iron posts in CC block		2,49,000
		Clearance and removal of floating vegetation	855 Cums	1,71000
		Collection and removal of Solid Waste	35 Drives	1,75000
		Control of diffused Pollution through Wetland Technology (Artificial Wetlands)	01 No	2,90,000
		B.O. Office / Residence	construction of BO office at Chattalum WLR	4,74,000
	Kranchoo WLCR	Clearance and removal of floating vegetation	2705 Cum	5,41000
		Collection and removal of Solid Waste	20 C. Drives	1,00,000
	Freshkoori	Clearance and removal of floating vegetation	710 Cums	1,42,000

	WLCR	Control of diffused Pollution through Wetland Technology (Artificial Wetlands)	01 No.	2,39,000
	Munibugh WLCR	Installation of Aquatic Boundary Pillers	10 Pillars	1,96,000
		Rasing of new embankment/ bund at Munibugh	1333 Cums	4,00,000
		Collection and removal of Solid Waste	20 C. Drives	1,00,000
		Total		**11873588**

Detail of works to be undertaken under CAMPA during current Financial Year 2024-25 in Pampore wetlands: -

S. No	Name of the Wetland	Description of the work	Physical	Financial
1.	Chattalum WLR	Chain-link fencing	1071.4286	15.00
		setting up of permanent and temporary antipoaching camps and providing them with necessary equipment's, gears, transportation, providing of incentives to informers, engagement of daily waged labours to augment permanent staff in order to tackle the dearth of staff, POL, ration, heating and cooking facilities.	L.S	0.50
		Clearance and removal of floating vegetation /Pools	4000 Aq. Mtrs	2.00
		Hiring of Machinery and labours for the collection and removal of solid waste in and around the wetland	643 Man Days	2.00
		Construction of Bird Watching Nature Trail along with surfacing and beautification within wetland	LS	4.00
		Completion of B.O. Office, construction of boundary wall and maintenance of the approach path, lawn, installation of the gate and other allied items	L.S	8.00
2.	Kranchoo WLCR	Clearance and removal of floating vegetation	5000 Sq. Mtrs	10.00
3.	Freshkoori WLCR	Clearance and removal of floating vegetation	1250 Sq. Mtrs	2.50
4.	Munibugh WLCR	Clearance and removal of floating vegetation	2000 Sq. Mtrs	4.00

		Total		48.00

Apart from the above, Wildlife Warden Division Kashmir has also conducted cleanliness drives, which were intensified from 23-07-2024 at Freshkoori and Chhatlam Wetlands Conservation Reserves and 145 quintals of solid waste was lifted from these wetlands. The departmental boats are being used for collection of solid waste in the form of bottles / polythene bags and other light waste materials along chain link fencing and barbed wire.

viii) **Action Taken Report of Executive Officer, Municipal Committee, Pulwama:-**

The Executive Officer, Municipal Committee Pampore has submitted his report vide letter No. MC/Pamp/2024-25/1160-71 dated 04-07-2024 and submitted that an Action Plan for establishment of Decentralized solid waste Management centres for all 40 Urban Local Bodies in Kashmir have been approved, which includes Municipal Committee, Pampore. In Pampore, the decentralized SWM project on modern scientific grounds has been approved at the cost of Rs.321.55 lacs at Galander, Pampore with waste management centres of the 12 TPD capacity (3 plants of 4TPD each). The work on the project is in progress and construction work is expected to be completed and functional by March 2025. The tenders for installation of proper signage with anti littering and other swachhta messages are being uploaded by Municipal Committee, Pampore as per the approved Action Plan on GeM portal and very soon in and around water bodies bins will be installed.

The Legacy waste more than 40 MT lying on the bank/ shore of Freshkoori wetland have been lifted and processed at Tral under the ongoing Bio-mining contract. Land reclaimed is proposed to be beautified by way of development of view park. To prevent the open littering of waste and segregation at source by

the household, MC Pampore has distributed 2000 dustbins in the town and to household residing in and around Freshkoori wetland.

The 100% door to door collection and more than 70% segregation at source has been achieved in all the wards of town including Freshkoori wetland.

The water body is cleaned once a week by hiring boats and local experts for removing and extracting weeds etc. from the said water body. However, a sewage treatment plant has been proposed for the Pampore town having capacity of 2.2 MLD with 6.6 kms pipelines having dimension of 200 meters to 450 meters with 3 pump stations, out of which one pump station will be installed in and around of Freshkoori wetland. This Sewage Treatment Plant (STP) has been sanctioned by the UEED. Besides, another FSTP of capacity 10 KLD has also been proposed by the UEED Kashmir for Pampore town which is in process.

ix) Action Taken Report of Assistant Commissioner Development, Pulwama:-

Block Pampore, comprises of 17 Panchayat and 27 villages. That approximately 4890 kgs of Solid Waste is generated in the District and all the Bio-degradable waste is disposed through Community compost pits. 1900 individual compost pits are proposed under the SBM G II during the current Financial Year to tackle the excess waste. Non-biodegradable waste is transported to the Plastic Waste Management unit established for the said purpose. All the legacy waste dumped on the banks of Chhatlam and Kranchoo Wetlands has been removed through mass sanitation drives. Gram Sabhas have been conducted throughout the area to educate the residents of the area not to litter near the bank of water bodies. The Block Development Officers have been given the Magisterial powers to impose penalties on violators, which are being exercised in these areas to create deterrence against the violators.

x) **Action Taken Report of Assistant Commissioner, Panchayat, Pulwama:-**

All the three wetlands, namely, Chhatlam, Kranchoo and Munibagh, which are falling outside the jurisdiction of Municipal Committee Pampore falls in the rural areas, Block Pampore of District Pulwama.

- Door to Door collection of the waste is done in all the panchayats of Block Pampore, since October 2022. But, after August 2023, 4 garbage collection vehicles, hand carts, dustbins and loudspeakers have been purchased for collection, transportation of the Solid Waste and sensitization/awareness of the local populace.
- 17 segregation sheds, 30 compost pits have been constructed for solid waste management in all the 17 panchayats of block Pampore. D2D collection of solid waste is made in all the panchayats of block Pampore.
- 1300 individual soakage pits, 26 community soakage pits have been constructed in all the Panchayats of block Pampore to manage grey water at the household level.
- The Chhatlam wetland located in the Panchayat Halqa Konibal is surrounded by Saffron fields from two sides and habitation comprising of about 500 households from other two sides. The legacy waste has been cleared from all the sites and liquid waste generated by the households is managed at the household level by individual soakage pits and community soakage pits. At some places, sedimentation tanks have also been proposed for helping in the filtration of grey water and prevent accumulation of solid waste at Chhatlam wetland.
- The wetland Kranchoo/Munibagh falls in the Panchayat Halqa Kranchoo, there is no habitations around these wetlands and therefore, are free from dumps of legacy waste.

Prayer:

In the premises, it is therefore respectfully prayed that the compliance report may kindly be taken on record before the Hon'ble National Green Tribunal for consideration.

(Ghansham Singh)
Member Secretary
J&K PCC
7.9.24

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Annex - 01

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

Vice Chairman,
J&K Lake Conservation and Management Authority,
Srinagar.

No:- JKPCC/NGT/152/491 Date:-20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3290-98 dated 18-05-2024

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total area of the Dal Lake as also area upon which encroachment, if any, has taken place.

In this connection, you are requested to please furnish the requisite information to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore-titled case.

Yours faithfully

(Ghansham Singh) JKAS 20.5.24
Member Secretary
J&K PCC

Annexure 209

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

Commissioner,
Municipal Corporation,
Srinagar.

No:- JKPCC/NGT/ 152 / 492 Date:- 20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3264-72 dated 18-05-2024 .

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal corporation, Srinagar alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary
J&K PCC
20.5.24

Annex 03

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

Chief Executive Officer,
Municipal Council,
Budgam.

No:- JKPCC/NGT/152/493 Date:-20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3282-90 dated 18-05-2024 .

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal Council, Budgam alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary 20.5.24
J&K PCC

Annex 04

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

Chief Executive Director,
Wular Conservation & Management Authority,
Srinagar.

No:- JKPCC/NGT/ 152/494 Date:- 20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3313-21 dated 18-05-2024.

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Wular Conservation and Management Authority, Srinagar alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS 20.5.24
Member Secretary
J&K PCC

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Annex 05

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

Chief Executive Officer,
Municipal Council,
Bandipora.

No:- JKPCC/NGT/152/495 Date:-20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3273-81 dated 18-05-2024 .

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal Council, Bandipora alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary 20.5.24
J&K PCC

Annex-A6

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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

Executive Officer,
Municipal Committee,
Hajin.

No:- JKPCC/NGT/ 152/496. Date:- 20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3254-63 dated 18-05-2024 .

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal Committee, Hajin alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary
J&K PCC

20.5.24

Annex- 07

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

Executive Officer,
Municipal Committee,
Sumbal.

No:- JKPCC/NGT/ 152/ 497 . Date:- 20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3246-53 dated 18-05-2024.

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal Committee, Sumbal alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary 20-5-24
J&K PCC

Annex. AG 215

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

Chief Executive Officer,
Municipal Council,
Ganderbal.

No:- JKPCC/NGT/ 498. Date:-20-05-2024

Subject:- OA No. 239 of 2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024 - Encroachment upon the waterbodies / Wetlands.

Reference:- No. JKPCC/NGT/3281-89 dated 18-05-2024 .

Sir,

Please refer to the subject and reference captioned above. In this connection, I am to say that the matter is being heard by the Hon'ble NGT in OA 239 of 2024 and J&K PCC requires details about the total number of waterbodies / wetlands falling in the jurisdiction of Municipal Council, Ganderbal alongwith total area of the Wetlands / Waterbodies.

In this connection, you are requested to share the requisite information along with detail of the area, if any, encroached by the unauthorized / illegal encroachers to the J&K Pollution Control Committee as the same is required for submission of response to the Hon'ble NGT in the afore titled case.

Yours faithfully

(Ghansham Singh) JKAS
Member Secretary 20.5.24
J&K PCC

Annex- 09

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 Deputy Commissioner / District Magistrate,
Pulwama.

No:- JKPCC/NGT/ OA239/ 51-54 Dated: 30-05-2024

Sub:- Hon'ble NGT order dated 22-05-2024 in OA 239/2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024.

Sir,

Kindly refer to the subject cited above. In this connection, I am to say that the above subject case is being heard by Hon'ble National Green Tribunal, Principal Bench, New Delhi. The Hon'ble NGT have sought response / reply from the J&K Pollution Control Committee with complete details about the wetlands / waterbodies in the Kashmir Division.

In this connection, you are requested to share complete details in terms of the provisions of Water (Prevention & Control of Pollution) Act, 1974 about the following wetlands / waterbodies falling in the jurisdiction of District Pulwama on the enclosed format within a period of two weeks as the response has to filed by the J&K PCC before 20th June 2024.

1) Hygam Wetland, Pampore Pulwama.
2) Freshkoori Wetland, Pampore Pulwama.
3) Kranchoo Wetland, Pampore Pulwama.
4) Chatlam Wetland, Pampore Pulwama.
5) Manibugh Wetland, Pampore Pulwama.

Furthermore, you are also requested to takes steps for retrieval of encroached area, if any, upon the waterbodies / wetlands located in the jurisdiction of District Pulwama and ensure that no debris / sewage / effluent be discharged into these wetlands / waterbodies to avoid further conversion of wetland into landmass for preservation of these wetlands / waterbodies.

Yours faithfully,

Encl:- As above.

(Ghansham Singh) JKAS
Member Secretary 30/5/24
J&K PCC

Copy to the:-

1) Divisional Commissioner, Kashmir for favour of kind information.
2) Regional Director, J&K PCC for information and follow-up action.
3) Divisional Officer, J&K PCC Pulwama for information and with the direction to coordinate with the District Administration Pulwama.

Annex - I 217

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 Deputy Commissioner / District Magistrate,
Srinagar.

No:- JKPCC/NGT/ OA239/ 35-38 Dated:30-05-2024

Sub:- Hon'ble NGT order dated 22-05-2024 in OA 239/2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024.

Sir,

Kindly refer to the subject cited above. In this connection, I am to say that the above subject case is being heard by Hon'ble National Green Tribunal, Principal Bench, New Delhi. The Hon'ble NGT have sought response / reply from the J&K Pollution Control Committee with complete details about the wetlands / waterbodies in the Kashmir Division.

In this connection, you are requested to share complete details in terms of the provisions of Water (Prevention & Control of Pollution) Act, 1974 about the following wetlands / waterbodies falling in the jurisdiction of District Srinagar on the enclosed format within a period of two weeks as the response has to filed by the J&K PCC before 20th June 2024.

1) Dal Lake Srinagar.
2) Anchar Lake Srinagar.
3) Hokarsar Wetland Srinagar / Budgam.

Furthermore, you are also requested to takes steps for retrieval of encroached area, if any, upon the waterbodies / wetlands located in the jurisdiction of District Srinagar and ensure that no debris / sewage / effluent be discharged into these wetlands / waterbodies to avoid further conversion of wetland into landmass for preservation of these wetlands / waterbodies.

Yours faithfully,

Encl:- As above.

(Ghansham Singh) JKAS
Member Secretary 30.5.24

Copy to the:-

1) Divisional Commissioner, Kashmir for favour of kind information.
2) Regional Director, J&K PCC for information and follow-up action.
3) Divisional Officer, J&K PCC Srinagar for information and with the direction to coordinate with the District Administration Srinagar.

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Annex - A1

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 Deputy Commissioner / District Magistrate,
Budgam.

No:- JKPCC/NGT/ OA239/ 39 - 42 Dated: 30 -05-2024

Sub:- Hon'ble NGT order dated 22-05-2024 in OA 239/2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024.

Sir,

Kindly refer to the subject cited above. In this connection, I am to say that the above subject case is being heard by Hon'ble National Green Tribunal, Principal Bench, New Delhi. The Hon'ble NGT have sought response / reply from the J&K Pollution Control Committee with complete details about the wetlands / waterbodies in the Kashmir Division.

In this connection, you are requested to share complete details in terms of the provisions of Water (Prevention & Control of Pollution) Act, 1974 about the following wetlands / waterbodies falling in the jurisdiction of District Budgam on the enclosed format within a period of two weeks as the response has to filed by the J&K PCC before 20th June 2024.

1) Hokarsar Wetland, Srinagar /Budgam.

Furthermore, you are also requested to takes steps for retrieval of encroached area, if any, upon the waterbodies / wetlands located in the jurisdiction of District Budgam and ensure that no debris / sewage / effluent be discharged into these wetlands / waterbodies to avoid further conversion of wetland into landmass for preservation of these wetlands / waterbodies.

Yours faithfully,

Encl:- As above.

(Ghansham Singh) JKAS
Member Secretary 30/5/24
J&K PCC

Copy to the:-

1) Divisional Commissioner, Kashmir for favour of kind information.
2) Regional Director, J&K PCC for information and follow-up action.
3) Divisional Officer, J&K PCC Budgam for information and with the direction to coordinate with the District Administration Budgam.

Annex - 12

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 Deputy Commissioner / District Magistrate,
Bandipora.

No:- JKPCC/NGT/ OA239/43-46 Dated:30 -05-2024

Sub:- Hon'ble NGT order dated 22-05-2024 in OA 239/2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024.

Sir,

Kindly refer to the subject cited above. In this connection, I am to say that the above subject case is being heard by Hon'ble National Green Tribunal, Principal Bench, New Delhi. The Hon'ble NGT have sought response / reply from the J&K Pollution Control Committee with complete details about the wetlands / waterbodies in the Kashmir Division.

In this connection, you are requested to share complete details in terms of the provisions of Water (Prevention & Control of Pollution) Act, 1974 about the following wetlands / waterbodies falling in the jurisdiction of District Bandipora on the enclosed format within a period of two weeks as the response has to filed by the J&K PCC before 20th June 2024.

1) Wular Lake, Bandipora.

Furthermore, you are also requested to takes steps for retrieval of encroached area, if any, upon the waterbodies / wetlands located in the jurisdiction of District Bandipora and ensure that no debris / sewage / effluent be discharged into these wetlands / waterbodies to avoid further conversion of wetland into landmass for preservation of these wetlands / waterbodies.

Yours faithfully,

Encl:- As above.

(Ghansham Singh) JKAS
Member Secretary 30/5/24
J&K PCC

Copy to the:-

1) Divisional Commissioner, Kashmir for favour of kind information.
2) Regional Director, J&K PCC for information and follow-up action.
3) Divisional Officer, J&K PCC Bandipora for information and with the direction to coordinate with the District Administration Bandipora.

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13

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 Deputy Commissioner / District Magistrate,
Ganderbal.

No:- JKPCC/NGT/ OA239/ 47-50 Dated: 30-05-2024

Sub:- Hon'ble NGT order dated 22-05-2024 in OA 239/2024 titled "What Challenges Are Kashmiri Wetlands Facing?" appearing in Kashmir Life dated 02-02-2024.

Sir,

Kindly refer to the subject cited above. In this connection, I am to say that the above subject case is being heard by Hon'ble National Green Tribunal, Principal Bench, New Delhi. The Hon'ble NGT have sought response / reply from the J&K Pollution Control Committee with complete details about the wetlands / waterbodies in the Kashmir Division.

In this connection, you are requested to share complete details in terms of the provisions of Water (Prevention & Control of Pollution) Act, 1974 about the following wetlands / waterbodies falling in the jurisdiction of District Ganderbal on the enclosed format within a period of two weeks as the response has to filed by the J&K PCC before 20th June 2024.

1) Manasbal Lake, Ganderbal.
2) Shalibug Wetland, Ganderbal.

Furthermore, you are also requested to takes steps for retrieval of encroached area, if any, upon the waterbodies / wetlands located in the jurisdiction of District Ganderbal and ensure that no debris / sewage / effluent be discharged into these wetlands / waterbodies to avoid further conversion of wetland into landmass for preservation of these wetlands / waterbodies.

Yours faithfully,

Encl:- As above.

(Ghansham Singh) JKAS
Member Secretary 30/5/24
J&K PCC

Copy to the:-

1) Divisional Commissioner, Kashmir for favour of kind information.
2) Regional Director, J&K PCC for information and follow-up action.
3) Divisional Officer, J&K PCC Ganderbal for information and with the direction to coordinate with the District Administration Ganderbal.

Wular Lake:- Wular lake is one of the largest fresh water lakes of Asia, located in district Bandipora at an altitude of 1,570m (AMSL), between 34°20′55.957″ N and 74°34′10.158″E.Wular Lake, an ox-bow type lake which plays a significant role in the hydrography of the Kashmir valley, not only by acting as a huge absorption basin for floodwaters but also supports agriculture and Hydro-power generation besides being popular for water sports activities. J&K Pollution Control Committee presently monitors the water quality of this lake at 11 different spots on monthly basis. The test analysis report in terms of physico chemical parameters for the Month of June and July 2024 is enclosed as annexure **1&2** and the Microbiological test report is enclosed as Annexure **3&4**. The test analysis result are tabulated below :-

Month	Result
June .2024	The test analysis report reveals that out of 11 locations, 5 locations viz., Saderkot ,Nadihal, Kanibath,Hatingloo and Garora. do not meet 'Class B' criteria i.e out door bathing (organised) of Primary Water Quality criteria in terms of BOD The microbiological examination reveals that out of 11 location 10 locations do not meet 'Class B' criteria i.e out door bathing (organised) of Primary Water Quality Criteria in terms of total coliform and 03 locations in terms of fecal coliform.
July,2024	The test analysis report reveals that out of 10 locations 4 locations viz., Banwari ,Nadihal, Kanibath, and Garora. do not meet 'Class B' criteria i.e out door bathing (organised) of Primary Water Quality Criteria in terms of BOD The microbiological examination reveals that out of 10 location 8 locations do not meet 'Class B' criteria i.e out door bathing (organised) of Primary Water Quality Criteria in terms of total coliform and 02 locations in terms of fecal coliform.

Anchar Lake:- The lake sprawls over an area along east side of Srinagar city to Ganderbal road at an altitude of 1585 mts and lies within 34°8′57.995″N latitudes and 74°47′18.771″E longitudes. Anchar lake is considered as an example of ecologically sick lake, mostly infested with weeds. The lake is a single basined, open drainage type water body, fed by Sind nallah and

many small channels. JKPCC is monitoring this lake at 5 (five) locations on monthly basis. The test analysis report for the Month of June and July in terms of physico chemical parameters is enclosed as annexure **5&6** .The microbiological examination of Anchar lake has been started from **July 2024** ,Report is enclosed as **Annexure 7** .On the basis of test analysis report , **none of the water quality monitoring location confirms to class B water quality criteria i.e** out door bathing (organised).

NO:-JKPCC/ROK/lab -Coord/24-25/NGT-Wetland/57

Date :-04/09/2024

Lab coordinator

Srinagar Kashmir

Annex- I

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

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

Date of Sampling:-10/06/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity	Nitrate Nitrogen
1	Saderkot: 4048	28.60	23.80	8.27	158.0	82.0	10.1	30.90	2.50	0.061	0.690	12.12	114.0	24.048	13.12	96.0	26.0	5.0	0.144
2	Banwari	25.80	23.20	8.03	167.0	88.0	9.0	32.72	3.00	0.053	0.720	8.02	110.0	23.24	12.63	106.0	20.0	12.0	0.364
3	Nadihal(Erin Nallah): 3266	25.00	22.50	9.07	52.0	29.0	11.5	29.08	3.10	0.056	0.480	10.90	84.0	24.84	5.34	90.0	20.0	14.0	0.244
4	Zalwan: 4049	30.50	24.00	7.60	110.0	58	9.3	21.81	2.40	0.146	1.398	11.36	116.0	33.66	7.77	68.0	20.0	12.0	0.412
5	Ashtingoo	37.50	25.00	7.70	135.0	70.0	10.8	18.18	1.40	0.118	0.648	6.06	120.0	32.86	9.23	80.0	22.0	54.0	0.320
6	Kanibath: 3265	27.10	22.00	7.60	142.0	77.0	10.1	36.36	3.80	0.082	0.894	6.51	112.0	34.46	6.31	88.0	14.0	42.0	0.212
7	Watlab: 3264	29.80	23.00	7.76	128.0	70.0	7.5	25.45	2.30	0.042	0.294	7.73	116.0	25.65	12.63	86.0	14.0	11.0	0.740
8	Ningli: 3263	26.00	20.00	7.65	157.0	86.0	7.8	21.81	2.20	0.048	0.618	5.30	124.0	33.66	9.72	94.0	22.0	30.0	0.608
9	Garrora	30.00	23.70	8.23	162.0	85.0	9.4	34.54	3.20	0.070	0.522	11.66	130.0	32.06	12.15	100.0	18.0	8.0	0.120
#	Hathlangoo	27.80	26.60	8.18	135.0	75.0	11	23.64	2.40	0.040	0.450	6.66	102.0	25.65	9.23	70.0	22.0	20.0	0.364
#	Tulbagh	28.00	23.00	7.32	150.0	83.0	9.8	30.90	3.00	0.052	0.654	11.059	108.0	36.07	4.37	86.0	20.0	10.0	0.236
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

I/C Water lab

Analyzed by

Annex-2

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

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

Date of Sampling:-25/07/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity	Nitrate Nitrogen
1	Saderkot: 4048	31.00	28.30	7.43	250.0	124.0	11.0	31.30	3.80	0.059	0.588	54.90	146.0	34.460	14.58	128.0	22.0	12.0	0.480
2	Banwari	31.10	27.80	7.35	251.0	125.0	4.2	24.34	2.00	0.040	0.504	40.60	144.0	44.80	8.26	140.0	20.0	12.0	0.388
3	Nadihal(Erin Nallah): 3266	29.40	27.10	7.28	128.0	65.0	11.8	39.90	3.80	0.097	0.936	73.02	104.0	32.86	5.34	90.0	16.0	21.0	0.584
4	Zalwan: 4049	Samples could not be collected due receeded water level																	
5	Ashtingoo	33.10	30.90	7.35	241.0	120.0	6.2	26.80	2.20	0.074	0.480	76.05	160.0	44.88	11.66	102.0	14.0	22.0	0.220
6	Kanibath: 3265	31.60	30.00	7.40	240.0	119.0	9.4	31.30	3.70	0.048	0.552	103.32	164.0	49.69	9.72	154.0	20.0	20.0	0.196
7	Watlab: 3264	36.00	32.00	7.46	219.0	110.0	7.7	27.82	1.50	0.056	0.414	115.44	148.0	42.48	10.2	116.0	16.0	12.0	0.148
8	Ningli: 3263	36.00	32.00	7.50	236.0	120.0	6.4	22.60	1.90	0.062	0.546	132.10	148.0	45.69	8.26	126.0	20.0	36.0	0.448
9	Garrora	27.80	25.60	7.35	213.0	107.0	9.3	36.51	4.30	0.056	0.378	25.30	134.0	36.87	10.20	120.0	16.0	16.0	0.216
#	Hathlangoo	34.00	32.00	7.55	260.0	129.0	6.9	24.36	3.10	0.076	0.516	52.41	192.0	43.28	20.41	150.0	18.0	17.0	0.568
#	Tulbagh	33.00	30.00	7.55	286.0	141.0	5	20.86	2.20	0.063	0.960	38.480	200.0	39.27	24.78	138.0	20.0	12.0	0.524
Primary water quality criteria for Bathing (		–	–	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

WULAR LAKE MICROBIOLOGIY ANALYSIS REPORT FOR THE MONTH OF JUNE2024

No: PCC/ROK/Bio-Lab/AR/2024/June/06 Date: 18-06-2024

Date of Analysis :10-06-2024					
	Location	**Total Coliform CFU/100ml**	**Faecal Coliform CFU/100ml**	**Permissible Limits for Faecal Coliform CFU/100ml**	**Permissible Limits For Total Coliform CFU/100ml**
1	**Banyar**	340	**12**	500 (Desirable) - 2500(Max.)	500
2	**Garoora**	1500	**210**		
3	**Saderkot**	1700	**160**		
4	**Nadihal**	2100	**145**		
5	**Zalwan**	2900	**1100**		
6	**Ashtingoo**	2500	**800**		
7	**Kanibhat**	3200	**1200**		
8	**Watlab**	5600	**80**		
9	**Hathlangoo**	1900	**04**		
10	**Tulbagh**	1200	**12**		
11	**Ninglii**	2900	**90**		

Disclaimer: Permissible Limits are as per CPCB notification No.494 Dated: 25/09/2000.

Samples received from WUCMA.

The results are confined to the collected samples only.

Samples Analysed by:

1. Ms Shaista(**JRF**)
2. Mr Musharif(**JRF**)

Mr Shabir Ahmed (**R.A**)

Gazzala Hassan(**Scientist B**) 18.06.24

Annex-4

WULAR LAKE MICROBIOLOGIY ANALYSIS REPORT FOR THE MONTH OF July 2024

No: PCC/ROK/Bio-Lab/AR/2024/12 Date: 30-07-2024

Date of Analysis :26-07-2024					
	Location	**Total Coliform CFU/100ml**	**Faecal Coliform CFU/100ml**	**Permissible Limits for Faecal Coliform CFU/100ml**	**Permissible Limits For Total Coliform CFU/100ml**
1	Banyar	213	16	500 (Desirable) - 2500(Max.)	500
2	Garoora	380	160		
3	Saderkot	1800	100		
4	Nadihal	2500	110		
5	Zalwan	S.N.A	S.N.A		
6	Ashtingoo	21000	560		
7	Kanibhat	68000	1700		
8	Watlab	10000	42		
9	Hathlangoo	1640	30		
10	Tulbagh	1600	289		
11	Ninglii	1160	200		

Disclaimer: Permissible Limits are as per CPCB notification No.494 Dated: 25/09/2000.

The results are confined to the collected samples only.

S.N.A- Sample Not Available.

Samples Collected by: WUCMA

Samples Analysed by:

1. Ms Shaista(JRF)
2. Mr Mushariff(JRF)

Mr Shabir Ahmed (R.A)

Gazzala Hassan(Scientist B) 30/7/24

Annex-5

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 June, 2024

Date of Sampling:-29/06/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity	Nitrate Nitrogen
1	Anchar lake: Near Sangam: 4045	27.6	23.0	7.41	311.0	150.0	2.8	48.69	5.6	0.196	2.58	42.723	158.0	44.88	11.17	154.0	26.0	5.0	0.308
2	Anchar lake: Central Anchar: 4044	26.1	22.3	7.77	225.0	108.0	6.4	39.78	3.8	0.063	0.732	22.422	134.0	27.25	16.03	112.0	20.0	7.0	0.428
3	Anchar lake: Sindh Entry: 4043	26.0	15.0	7.93	197.0	94.0	8.3	26.08	3.6	0.079	0.780	24.088	128.0	32.06	11.66	106.0	14.0	29.0	0.28
4	Anchar lake: Near Jenab Sahab: 4047	26.0	22.4	7.18	369.0	176.0	1.0	60.08	6.8	0.602	5.826	21.967	140.0	42.48	8.26	190.0	34.0	7.0	0.568
5	Anchar lake: Near SKIMS Soura: 4046	27.2	23.1	7.42	314.0	152.0	4.8	60.08	7.600	0.196	2.268	28.482	148.0	43.28	9.72	164.0	20.0	4.0	0.252
Primary water quality criteria for				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

Annex - 6

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 July, 2024

Date of Sampling:-29/07/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity
1	Anchar lake: Near Sangam: 4045	25.9	23.6	7.1	451.0	225.0	1.2	115.38	14.8	0.179	1.602	39.99	170.0	39.27	17.49	180.0	34.0	5.0
2	Anchar lake: Central Anchar:	27.1	23.6	7.23	431.0	211.0	4.9	59.22	6.2	0.075	4.362	47.41	150.0	42.48	10.69	180.0	24.0	4.0
3	Anchar lake: Sindh Entry: 4043	27.0	18.1	7.27	453.0	226.0	3.0	30.76	4.8	0.145	1.344	46.359	152.0	36.87	22.5	194.0	22.0	5.0
4	Anchar lake: Near Jenab Sahab: 4047	25.6	23.5	7.1	478.0	239	0.5	138.45	15.6	0.751	5.202	39.39	180.0	36.87	21.38	206.0	40.0	3.0
5	Anchar lake: Near SKIMS Soura: 4046	25.3	23.6	7.13	448.0	227.0	0.9	76.92	7.200	0.635	2.226	36.36	168.0	40.08	16.52	170.0	40.0	9.0
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.

I/C Water lab

Samples collected by

Analyzed by

ANCHAR MICROBIOLOGIY ANALYSIS REPORT FOR THE MONTH OF JULY 2024

No: PCC/ROK/Bio-Lab/AR/2024/July/18 Date: 31-07-2024

Date of Analysis :29-07-2024					
	Location	**Total Coliform CFU/100ml**	**Faecal Coliform CFU/100ml**	**Permissible Limits for Faecal Coliform CFU/100ml**	**Permissible Limits For Total Coliform CFU/100ml**
1	**Jenab Sahab Soura**	5,00,000	90000	500 (Desirable) - 2500(Max.)	500
2	**Sind entry**	7,00,000	7000		
3	**CentreAnchar**	2,80,000	15000		
4	**Sangam outlet**	8,00,000	70,000		
5	**SKIMS Anchar**	27,00,000	72,000		

Disclaimer: Permissible Limits are as per CPCB notification No.494 Dated: 25/09/2000.

Samples collected by:

The results are confined to the collected samples only.

Samples Analysed by:

1. Ms Shaista(**JRF**)
2. Mr Musharif(**JRF**)

Mr Shabir Ahmed (**R.A**)

31.07.24

Gazzala Hassan(**Scientist B**)

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 July, 2024

DATE OF SAMPLING:- 03/07/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity	Nitrate Nitrogen
1	Dalgate:3251	31.30	29.00	7.32	153.0	83.0	8.20	47.26	4.80	0.128	3.096	15.604	102.0	28.05	7.77	106.0	20.0	22.0	0.356
2	Nehru park 1309	32.00	29.50	9.50	123.0	82.0	10.80	34.54	4.80	0.082	0.960	18.180	106.0	28.85	8.26	P=10 M=106 T=126	18.0	19.0	0.184
3	Grand Palace Ghat	32.00	30.00	10.05	136.0	69.0	15.00	54.54	8.00	0.096	0.816	14.847	108.0	28.85	8.74	P=22 M=72 T=94	18.0	38.0	0.124
4	Near Nishat STP: 3253	32.30	31.00	9.17	132.0	73.0	10.50	61.81	8.00	0.064	0.786	14.089	104.0	32.60	5.83	P=14 M=108 T=122	16.0	20.0	0.180
5	Nishat Water Intake: 3261	33.00	31.00	9.15	129.0	70.0	12.80	72.72	12.40	0.070	1.278	16.665	104.0	27.25	8.74	P=10 M=116 T=126	18.0	24.0	0.120
6	Telbal entry: 3256	31.00	30.40	7.61	170.0	86.0	8.30	56.35	6.00	0.087	0.852	14.089	140.0	31.26	15.06	134.0	20.0	7.0	0.248
7	Near STP Habak: 3257	32.00	31.00	7.56	231.0	131.0	12.00	145.44	20.7	0.092	0.924	25.755	116.0	33.66	7.77	168.0	16.0	33.0	0.184
8	Near STP Hazratbal: 3258	33.00	31.20	8.69	199.0	112.0	11.80	76.35	7.3	0.087	1.182	20.452	114.0	30.46	9.23	P=10 M=124 T=134	18.0	18.0	0.356
9	Dobighat: 3259	34.00	31.30	8.61	199.0	113.0	9.7	56.35	6.7	0.085	0.51	20.301	120.0	32.06	9.72	P=8 M=116 T=124	20.0	19.0	0.316
10	Charchinari: 3252	32.00	29.00	9.01	133.0	68.0	8.40	51.64	4.80	0.073	0.822	59.960	104.0	24.04	10.69	P=10 M=102 T=122	18.0	9.0	0.472
11	Abikarpora: 3254	32.00	29.50	9.17	130.0	71.0	8.00	48.91	5.90	0.082	0.900	29.390	110.0	28.05	9.72	P=18 M=78 T=96	20.0	11.0	0.544
12	Sonalank: 3260	33.00	30.00	8.66	185.0	91.0	9.20	38.31	4.90	0.108	0.870	28.027	112.0	28.85	9.72	P=8 M=86 T=94	18.0	7.0	0.340

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

Samples collected by

Analyzed by

DO

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 and Nigeen Lake for the Month of July, 2024

DATE OF SAMPLING:- 03/07/2024

S/NO	Sampling spots	Air Temp	Water Temp	pH	Conductivity	TDS	D O	COD	BOD	Phosphate	Ammonium Nitrate	Sulphate	Hardness	Calcium	Magnesium	Total Alkalinity	Chloride	Turbidity	Nitrate Nitrogen
13	Nayadyar: 4041	33.70	31.50	7.12	449.00	227.0	4.00	112.71	22.10	0.699	6.57	35.148	160.0	56.11	4.86	252.0	30.00	38.0	0.784
14	Jogilankar: 4042	34.40	31.00	7.19	372.00	187.0	3.5	118.17	20.90	0.416	6.48	26.361	170.0	56.11	7.29	216.0	28.00	25.0	0.808
15	Golden Lake:0	32.00	29.20	9.29	128.00	66.0	9.30	45.45	5.10	0.050	0.828	15.756	100.0	24.04	9.72	P=14 M=96 T=110	22.00	24.0	0.148
16	SKICC Backside	32.00	30.00	9.16	135.00	80.0	11.40	74.53	12.80	0.069	1.386	16.816	114.0	29.65	9.72	P=6 M=128 T=1134	14.00	49.0	0.172
17	Makai Park Point	32.00	30.00	9.26	132.00	64.0	8.20	51.54	5.70	0.107	0.972	54.691	108.0	30.46	7.77	P=20 M=66 T=86	18.00	10.0	0.884
18	Nishat Garden	33.50	31.10	8.66	148.00	79.0	7.6	54.54	5.6	0.069	1.296	12.423	108.0	24.04	11.66	P=4 M=96 T=100	18.00	10.0	0.180
19	Near Shalimar Channel	32.80	31.30	8.54	147.00	79.0	11.30	50.90	4.7	0.076	0.750	13.483	112.0	29.65	9.23	P=4 M=134 T=138	16.00	8.0	0.112
20	Hazratbal Ablution point	34.00	31.40	8.88	189.00	90.0	11.10	59.99	6.00	0.063	1.158	20.604	138.0	30.46	16.03	P=10 M=116 T=136	20.00	17.0	0.300
21	Khonkhan Area IPS	34.00	31.00	7.82	153.00	76.0	7.00	65.44	4.70	0.096	0.888	15.907	98.0	24.04	9.23	142.0	18.00	10.0	0.164
22	Ashaibagh Bridge: 4040	34.00	31.20	8.21	190.00	93.0	8.80	58.17	5.20	0.036	0.906	17.271	124.0	28.05	13.12	112.0	20.00	10.0	0.128
23	Nigeen: 3262	34.00	31.30	8.68	202.00	101.0	6.60	48.31	4.00	0.103	1.020	14.847	108.0	29.65	8.26	P=10 M=76 T=86	20.00	6.0	0.144
24	Saderbal	34.20	31.00	8.63	192.00	93.0	10.10	63.63	5.90	0.057	0.804	14.089	132.0	28.85	14.58	P=4 M=134 T=138	20.00	9.0	0.104

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

Samples collected by

Analyzed by

I/C Water lab

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*

Dal Lake Microbiological Analysis Report for the month of July2024

No: Pcc/RDk/Bio-lab/AR/July/16 Dt: 31-07-2024

Date of Sampling	02 /07 /2024	Date of Analysis: 3 / 7/24	
S.No.	Location	Total Coliforms CFU/100ml	Faecal Coliforms CFU/100ml
1	Dal gate	3600	110
2	Nehru Park	2800	90
3	Grand Palace Ghat	2400	140
4	Charchinari	1900	190
5	Abikarpora	2100	210
6	Near Nishat LAAM STP	1950	40
7	Nishat water intake	1130	50
8	Telbal entry	TNTC	3240
9	Near Habak STP	TNTC	3700
10	Near Hazratbal STP	TNTC	3900
11	Sonalank	1700	54
12	Dobighat	4200	2700
13	Nayadyar	6000	3500
14	Jogilankar	8200	4000
15	Golden Lake	7200	3200
16	SKICC backside	900	80
17	Makai point	8000	3200
18	Nishat Garden	4800	2500
19	Shalimar Channel	5600	2900
20	Hazratbal shrine Ablution point	6400	3500
21	Konkhan 1PS	TNTC	3000
22	Ashai bagh	1500	75
23	Nigeen club	1300	60
24	Saderbal	5200	3100

The results are confined to the collected samples only.

Samples collected by: 1.Mr Shabir Ahmed(R.A) 2.Mohd.Suhail(Lab att.)
Samples Analysed by:
1. Ms Shaista(JRF)
2. Mr Musharif(JRF)

Mr Shabir Ahmed (**R.A**)

31.7.24.
Gazzala Hassan(**Scientist B**)

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
J&K Pollution Control Committee,
Jammu

NO:- PCC/RDK//W.Lab / 24-25/ 27 Dated:- 01/07/2024

Subject: - ***Compliance report to Hon'ble NGT direction in Suo Motu matter in reg: News items appearing in Kashmir Life dated : 02/02/2024 in OA no 239 /2024 Entitled "What challenges are Kashmiri Wetlands Facing***

Sir,

In compliance to the directions with regard to the matter captioned in the subject, kindly find attached herewith detailed water quality monitoring reports of various wetlands of Kashmir division as submitted by I/C Water Lab for favour of information and further necessary action please.

Enclosures: AA

Yours Faithfully

(Abhijeet Joshi) SFS
Regional Director

WATER QUALITY STATUS OF WETLANDS

Water samples were collected from Eight Wetlands namely Chatllum, Krentchoo, Manibugh and Freshkoori wetlands, on 16/05/2024 and from Hokarsar,Shalibugh,Hygam and Mirgund on 20/06/2024 at different spots. The samples collected from these wetlands were analyzed for various Physico Chemical parameters at water lab of JKPCC Srinagar. However, microbiological analysis in terms of Fecal Coliform and Total Coliform was conducted by Lake Conservation and Management Authority and Bio-lab of JKPCC Srinagar . In order to ascertain the overall water quality of the wetlands, Water Quality Index for each wetland was determined by calculating the basic parameters like p H, BOD (mg/l), DO (mg/l to %) and Fecal Coliform (Count/100ml). The Water Quality Index has been calculated using the formula prescribed by National Sanitation Foundation (NSF) and the relative weights modified by CPCB. The test analysis report of each wetlands are enclosed as **Annexure 1 to 10** .The detail water quality index of each wetland is as under:-

S.no	Name of wetland	District	Average water quality Index	Classification
1	Chatllum	Pulwama	51	B (Medium to Good)
2	Freshkoori	Pulwama	25.5	Heavily Polluted
3	Krentchoo	Pulwama	52	B (Medium to Good)
4	Manibugh	Pulwama	55	B (Medium to Good)
5	Hokarsar,	Srinagar/Budgam	66	A(Good to Excellent)
6	Shalibugh	Srinagar/Ganderbal	59	B (Medium to Good)
7	Hygam	Baramulla	63	B (Medium to Good)
8	Mirgund	Baramulla	59	B (Medium to Good)

Submitted for favour of information and further necessary action .

I/C Water Lab
Srinagar

J&K Pollution Control committee
Office of The Regional Director – Kashmir
Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Chatlam wetland Pampore

Date of Sampling:-16/05/2024						
S.no	Parameter	Inlet near Eidgah	Inlet (Road side)	Centre	Outlet	Average
1	Air Temp. °C	28.7	29.5	29.5	30.0	29.4
2	Water Temp. °C	18.3	22.7	24.1	20.8	21.5
3	pH	8.70	7.50	8.68	7.76	8.2
4	Conductivity µs/cm	860.0	449.0	822.0	531.0	665.5
5	T.D.S	445.0	240.0	432.0	281.0	349.5
6	D.O	5.4	4.4	3.3	3.0	4.0
7	C.O.D	88.00	40.00	48.00	48.00	56.0
8	B.O.D	8.40	3.90	5.4	4.3	5.5
9	Phosphate	0.073	0.0500	0.051	0.039	0.053
10	Ammonical Nitrogen	1.1	0.84	0.936	0.834	0.928
11	Sulphate	13.33	11.21	10.30	9.69	11.1
12	Hardness	344.00	200.0	338.0	266.0	287.0
13	Calcium	58.51	46.5	61.7	50.5	54.3
14	Magnesium	48.11	20.41	44.7	34.0	36.8
15	T. Alkalinity	P=6 M=730 Total=736	213.0	P=9 M=344 Total=353	250.0	231.5
16	Chloride	66.0	32.0	72.0	20.0	47.5
17	Turbidity NTU	13.0	12.3	10.0	5.0	10.1
18*	*Total Coliforms after 24hrs of Incubation at 37°C	70.0	75.0	80.0	375	150.0
19	*Faecal coliforms after 24hrs of Incubation at 45°C	37.0	55.0	46.0	260.0	99.5
WATER QUALITY INDEX		51	60	46	48.0	
AVERAGE WATER QUALITY INDEX			51.25 (Class B) Medium to Good			

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

* Microbiological Analysis done by LCMA(Lake Conservation and Management Authority)

Samples collected by

Analyzed by

I/C Water lab

Annex-3

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Kranchoo wetland Pampore

Date of Sampling:-16/05/2024

S.no	Parameter	Inlet	Centre	Outlet	Average
1	Air Temp. °C	30.0	29.1	28.4	**29.2**
2	Water Temp. °C	26.6	23.4	20.4	**23.5**
3	pH	8.01	9.30	7.81	**8.4**
4	Conductivity µs/cm	558.0	412.0	558.0	**509.3**
5	T.D.S	295.0	208.0	302.0	**268.3**
6	D.O	3.7	4.5	4.0	**4.1**
7	C.O.D	64.00	72.00	40.00	**58.7**
8	B.O.D	4.5	6.8	4.70	**5.3**
9	Phosphate	0.128	0.062	0.075	**0.088**
10	Ammonical Nitrogen	1.722	1.104	1.164	**1.330**
11	Sulphate	6.36	5.15	6.81	**6.11**
12	Hardness	262.0	230.0	248.0	**246.7**
13	Calcium	46.5	49.7	52.1	**49.4**
14	Magnesium	35.5	25.75	28.67	**30.0**
15	T. Alkalinity	272.0	P=23M=210 Total=233	288.0	**280.0**
16	Chloride	24.0	28.0	38.0	**30.0**
17	Turbidity NTU	10.0	6.0	18.0	**11.3**
18*	*Total Coliforms after 24hrs of Incubation at 37°C	110.0	95.0	100.0	**101.7**
19	*Faecal coliforms after 24hrs of Incubation at 45°C	80.0	72.0	65.0	**72.3**
WATER QUALITY INDEX		**54**	**46**	**56**	
AVERAGE WATER QUALITY INDEX			**52 (Class B) Medium to Good**		

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

* Microbiological Analysis done by LCMA(Lake Conservation and Management

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

Water Quality Report of Freshkoori wetland Pampore

Date of Sampling:-16/05/2024

S.no	Parameter	Centre	Outlet		
1	Air Temp. °C	30.0	29.8		
2	Water Temp. °C	22.3	25.5		
3	pH	10.33	9.35		
4	Conductivity µs/cm	493.0	552.0		
5	T.D.S	259.0	296.0		
6	D.O	4.5	3.1		
7	C.O.D	120.00	152.00		
8	B.O.D	22.10	26.50		
9	Phosphate	0.107	0.132		
10	Ammonical Nitrogen	1.152	1.218		
11	Sulphate	37.26	41.20		
12	Hardness	192.0	200.0		
13	Calcium	37.67	35.27		
14	Magnesium	23.81	27.21		
15	T. Alkalinity	P=24 M=166 Total=190	P=19M=170 Total=189		
16	Chloride	74.0	76.0		
17	Turbidity NTU	16.0	34.0		
18*	*Total Coliforms after 24hrs of Incubation at 37°C	326.0	390.0		
19	*Faecal coliforms after 24hrs of Incubation at 45°C	235.0	310.0		
WATER QUALITY INDEX		25	26		
AVERAGE WATER QUALITY INDEX			25.5 (Heavily Polluted)		

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

* Microbiological Analysis done by LCMA(Lake Conservation and Management

I/C Water lab

Samples collected by

Analyzed by

Annex-4

J&K Pollution Control committee
Office of The Regional Director – Kashmir
Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Manibugh wetland Pampore

Date of Sampling:-16/05/2024

S.no	Parameter	Centre	Outlet		
1	Air Temp. °C	28.9	28.5		
2	Water Temp. °C	23.0	21.0		
3	pH	8.66	8.03		
4	Conductivity µs/cm	782.0	736.0		
5	T.D.S	416.0	390.0		
6	D.O	6.6	4.7		
7	C.O.D	64.00	72.00		
8	B.O.D	5.30	5.7		
9	Phosphate	0.051	0.078		
10	Ammonical Nitrogen	1.32	1.590		
11	Sulphate	3.780	7.270		
12	Hardness	348.0	246.0		
13	Calcium	64.9	55.3		
14	Magnesium	45.2	26.2		
15	T. Alkalinity	P=5M=426 Total=431	388.0		
16	Chloride	32.0	36.0		
17	Turbidity NTU	8.0	10.0		
18*	*Total Coliforms after 24hrs of Incubation at 37°C	125.0	625.0		
19	*Faecal coliforms after 24hrs of Incubation at 45°C	90.0	400.0		
	WATER QUALITY INDEX	60	51		
	AVERAGE WATER QUALITY INDEX		55.5	(Class B) Medium to Good	

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

Microbiological Analysis done by LCMA(Lake Conservation and Management Authority)

*

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

Water Quality Report of Hokarsar wetland Budgam/Srinagar

Date of Sampling:-20/06/2024

S.no	Parameter	Inlet	Towards Centre	Outlet	Average
1	Air Temp. °C	25.3	25.0	26.0	**25.4**
2	Water Temp. °C	16.5	20.0	18.0	**18.2**
3	pH	7.84	7.77	7.63	**7.7**
4	Conductivity µs/cm	204	201	223.0	**209.3**
5	T.D.S	107.0	106.0	118.0	**110.3**
6	D.O	8.0	7.4	5.9	**7.1**
7	C.O.D	43.47	19.12	27.28	**30.0**
8	B.O.D	3.90	2.60	3.50	**3.3**
9	Phosphate	0.152	0.123	0.123	**0.133**
10	Ammonical Nitrogen	1.224	1.11	0.984	**1.106**
11	Sulphate	20.14	16.66	13.93	**16.91**
12	Hardness	136.0	114.0	120.0	**123.3**
13	Calcium	32.06	32.86	36.07	**33.7**
14	Magnesium	13.60	7.77	7.29	**9.6**
15	T. Alkalinity	126.0	110.0	118.0	**118.0**
16	Chloride	20.0	22.0	18.0	**20.0**
17	Turbidity NTU	62.0	30.0	28.0	**40.0**
18*	*Total Coliforms after 24hrs of Incubation at 37°C	2800.0	2600.0	1900.0	**2433.3**
19	*Faecal coliforms after 24hrs of Incubation at 45°C	370.0	280.0	44.0	**231.3**
WATER QUALITY INDEX		65	68	67	**66.0**
AVERAGE WATER QUALITY INDEX			**66 (Class A) Good to Excellent**		

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

* Microbiological Analysis done Bio-lab

Samples collected by

Analyzed by

I/C Water lab

Annex-6

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Shalibugh wetland Ganderbal /Srinagar

Date of Sampling:-20/06/2024

S.no	Parameter	Inlet	Towards Centre	Outlet	Average
1	Air Temp. °C	24	24.6	24.5	**24.4**
2	Water Temp. °C	21	22	22.2	**21.7**
3	pH	7.33	7.59	7.3	**7.4**
4	Conductivity µs/cm	258	257	280.0	**265.0**
5	T.D.S	138.0	136.0	147.0	**140.3**
6	D.O	3.0	7.0	6.2	**5.4**
7	C.O.D	43.47	34.78	33.04	**37.1**
8	B.O.D	4.80	3.90	3.70	**4.1**
9	Phosphate	0.170	0.178	0.225	**0.191**
10	Ammonical Nitrogen	1.824	1.734	0.84	**1.466**
11	Sulphate	24.54	27.72	23.93	**25.40**
12	Hardness	146.0	122.0	158.0	**142.0**
13	Calcium	32.06	34.46	44.88	**37.1**
14	Magnesium	16.03	8.74	11.17	**12.0**
15	T. Alkalinity	144.0	120.0	150.0	**138.0**
16	Chloride	22.0	24.0	24.0	**23.3**
17	Turbidity NTU	7.0	5.0	7.0	**6.3**
18*	*Total Coliforms after 24hrs of Incubation at 37°C	3600.0	3000.0	2300.0	**2966.7**
19	*Faecal coliforms after 24hrs of Incubation at 45°C	800.0	600.0	192.0	**530.7**
WATER QUALITY INDEX		**46**	**64**	**67**	**59.0**
AVERAGE WATER QUALITY INDEX		**59 (Class B) Medium to Good**			

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

* **Microbiological Analysis done by Bio-lab**

Samples collected by

Analyzed by

I/C Water lab

Annex - 7

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Hygam wetland Baramula

Date of Sampling:-20/06/2024

S.no	Parameter	Inlet	Towards Centre	Outlet	Average
1	Air Temp. °C	25.0	23.0	20	**22.7**
2	Water Temp. °C	23.00	21.00	18	**20.7**
3	pH	7.57	7.35	7.25	**7.4**
4	Conductivity µs/cm	270.0	256.0	269	**265.0**
5	T.D.S	150.0	141.0	148	**146.3**
6	D.O	5.00	5.00	5.5	**5.2**
7	C.O.D	17.4	33.04	27.81	**26.1**
8	B.O.D	2.200	2.3	2	**2.2**
9	Phosphate	0.084	0.114	0.118	**0.105**
10	Ammonical Nitrogen	0.876	0.906	0.882	**0.888**
11	Sulphate	10.9	9.99	7.57	**9.49**
12	Hardness	120	154.00	138	**137.3**
13	Calcium	37.67	40.08	40.88	**39.5**
14	Magnesium	6.31	13.12	8.74	**9.4**
15	T. Alkalinity	138	178	178	**164.7**
16	Chloride	20.0	22	22	**21.3**
17	Turbidity NTU	12.0	18.0	14	**14.7**
18*	*Total Coliforms after 24hrs of Incubation at 37°C	2700.0	2300.0	1900.0	**2300.0**
19	*Faecal coliforms after 24hrs of Incubation at 45°C	570.0	88.0	60.0	**239.3**
WATER QUALITY INDEX		59	66	69	**63.0**
AVERAGE WATER QUALITY INDEX			**63 (Class B) Medium to Good**		

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

* **Microbiological Analysis done by Bio-lab**

Samples collected by wild life wetland Division

Analyzed by

I/C Water lab

Annex-8

J&K Pollution Control committee

Office of The Regional Director – Kashmir

Shiekh-ul-Alam Complex Rajbagh Kashmir

Analysis Report

Water Quality Report of Mirgund wetland Baramula

Date of Sampling:-21/06/2024

S.no	Parameter	Inlet	Towards Centre	Outlet	Average
1	Air Temp. °C	20.0	19.0	23.0	**20.7**
2	Water Temp. °C	18.5	20.5	22.90	**20.6**
3	pH	7.10	7.24	7.35	**7.2**
4	Conductivity µs/cm	282.0	355.0	272.0	**303.0**
5	T.D.S	155.0	199.0	149.0	**167.7**
6	D.O	4.0	6.0	4.1	**4.7**
7	C.O.D	50.90	58.17	61.81	**57.0**
8	B.O.D	6.10	4.80	6.10	**5.7**
9	Phosphate	0.204	0.101	0.109	**0.138**
10	Ammonical Nitrogen	1.764	1.5	1.908	**1.724**
11	Sulphate	7.27	5.15	11.21	**7.88**
12	Hardness	188.0	186.0	150.0	**174.7**
13	Calcium	44.08	48.89	41.680	**44.9**
14	Magnesium	18.95	15.55	11.17	**15.2**
15	T. Alkalinity	166.0	180.0	144.0	**163.3**
16	Chloride	28.0	30.0	28.0	**28.7**
17	Turbidity NTU	24.0	17.0	30.0	**23.7**
18*	*Total Coliforms after 24hrs of Incubation at 37°C	3400.0	2800.0	1700.0	**2633.3**
19	*Faecal coliforms after 24hrs of Incubation at 45°C	400.0	32.0	44.0	**158.7**
WATER QUALITY INDEX		**53**	**70**	**60**	**59.0**
AVERAGE WATER QUALITY INDEX		**59 (Class B) Medium to Good**			

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

* **Microbiological Analysis done by Bio-lab**

Samples collected by

Analyzed by

I/C Water lab

J&K LAKE CONSERVATION AND MANAGEMENT AUTHORITY, SRINAGAR.
Research and Monitoring Division, Miskeen Bagh, Srinagar.

No:
Dated:

Regional Director,
JK PCC.

Sub: - Testing of water sample for microbiological parameters.

Sir,

Kindly find below the results of samples send by your official at the laboratory of Research and Monitoring Division, JKLCMA on 17th May-24.

S.No.	Sites	Sample code	Fecal Coliform Col/100ml	Total Coliform Col/100ml
1.	Chatlam near Idgah	01	37	70
2.	Chatlam inlet	02	55	75
3.	Chatlam centre	03	46	80
4.	Chatlam Outlet	04	260	375
5.	Freshkori centre	05	235	326
6.	Freshkori outlet	06	310	390
7.	Kranchoo inlet	07	80	110
8.	Kranchoo centre	08	72	95
9.	Kranchoo outlet	09	65	100
10.	Manibugh centre	10	90	125
11.	Manibugh outlet	11	400	625

Technical Assistant
R&M Division

Scientist
R&M Division

Annex-10

Wetland Microbiology Report for the month of June 2024

D.O.S=20/6/2024 D.O.A=21/6/2024	Location/Sites	Total Coliforms CFU/100ml	Faecal Coliforms CFU/100ml
District Baramulla			
1	HYGAM-Inlet	2700	570
2	HYGAM-Centre	2300	88
3	HYGAM-Outlet	1900	60
District Baramulla			
4	Mirgund -Inlet	3400	400
5	Mirgund -Centre	2800	32
6	Mirgund-Outlet	1700	44
District Ganderbal			
7	Shalbugh-Inlet	3600	800
8	Shalbugh-centre(Tipen shed)		400
9	Shalbugh-centre(Bakshipora-Gund)	3000	600
10	Shalbugh-OUTLET	2300	192
District Srinagar & Budgam			
11	*HOKERSAR* -Inlet	2800	370
12	*HOKERSAR - Centre T1*	2600	280
13	*HOKERSAR - Centre T8*	2450	30
14	*HOKERSAR-OUTLET*	1900	44

PCCK/ROK/Biolab/Wetlands/June/1/2024 Dt: 27/6/24

Samples Collected by:

Samples Analysed by:

Samples Analysed by: Scientist-E 27/6/24

PCC/RDK/BioLab/Wetlands/24/June/06. (NL)

Annex-15

J&K Lake Conservation & Management Authority, Annex 15
LCMA Complex, Miskeen Bagh, Khanyar, Srinagar – 190003
Website: www.jklcma.jk.gov.in email: vicechairmanjklcma@gmail.com
Phone No. 0194-4015595 Fax No. 0194 4015595

No. LCMA - 789/1936-39
Dated: - 05 -09-2024

Member Secretary,
J&K Pollution Control Committee,
Srinagar.

Subject ***:-Compliance report of Hon'ble NGT directions in Suo Motu matter in reg: News items appearing in Kashmir Life dated: 02-02-2024 in OA No. 239/2024 entitled "What Challenges are Kashmiri Wetlands facing"***

Reference ***:-1) LD-I/1623-26 dated: 04-09-2024***
2) LCMA/R&M/Sci/27 dated: 04-09-2024

Sir,

Kindly refer to your office letter No. JKPCC/SC/A/24/757 dated: 03-09-2024 regarding the captioned subject. In this context, I am directed to enclose herewith the required information as received from different Divisions of this Authority vide above quoted references for your kind perusal and necessary action.

Yours faithfully

Secretary
J&K Lake Conservation & Management Authority
Srinagar.

Encl: (04 leaves)

1. Letter No. LD-I/1623-26 dated: 04-09-2024 **(02 leaves)**
2. Letter No. LCMA/R&M/Sci/27 dated: 04-09-2024 **(02 leaves)**

Copy to the:-

1. Vice Chairman, J&K Lake Conservation & Management Authority.
2. Executive Engineer, Lake Division 1st, J&K LCMA Srinagar for information.
3. I/C, R&M Division, J&K LCMA, Srinagar for information.

OFFICE OF THE EXECUTIVE ENGINEER LAKE DIVISION NO.I,MISKEEN BAGH KHANYAR,
J&K LAKES CONSERVATION AND MANAGEMENT AUTHORITY, SRINAGAR.

The Secretary,
J&K Lake Conservation and Management Authority,
Srinagar

No.LD-I/ 1623-26
Dated: 04/09/2024

Subject: **Compliance Report Hon'ble NGT direction in suo moto matter in reg. New items appearing in Kashmir Life dated:2.2.2024 in AO No.239/2024 entitled "What challenges are Kashmir Wetlands Facing".**

Reference: **Letter No.JKPCC/SC/A/24/757 dated:03.09.2024.**

***

Sir,

Please refer to the above quoted letter of Member Secretary J&K PCC regarding the subject matter. The requisite information is enclosed herewith for further necessary action at your end please. Further it is requested that the said information may please be compiled in consultation with other concerned Division/ wings of the J&K LCMA.

Yours faithfully,

Encl:01 leaf.

Executive Engineer,
Lake Division No.1st

Copy to the:

1. Vice Chairman, J&K LCMA for his kind information please.
2. Superintending Engineer, J&K LCMA.
3. Incharge R&M Division this is w.r.t his letter No. LCMA/R&M/SCI/27 dt:4.9.2024.

-1802.

ner

Subject: Compliance report to Hon'ble NGT direction in Suo Moto matter in reg: News items appearing in Kashmir Life dated: 02-02-2024 in OA No. 239/2024 entitled "What challenges are Kashmiri Wetlands Facing".

Ref: JKPCC/Sc/A/24/757 dated: 03-09-2024

1	Total area (length & breadth) of the lake along with the name of the village, Tehsil and District.	20.37 sq km water surface Dal-Nigeen lake, District: Srinagar
2	Area, if any, encroached.	Lake area is not encroached as is evident from the area comparison of different years.
3	Retrieval of encroachment, if any.	NA
4	Water quality status and source of water	Report of R&M attached.
5	Status of disposal of solid waste, liquid waste &plastic waste generated and waste processing facilities, if any established in vicinity of the lakes.	Solid and plastic waste collected from households inside the hamlets, houseboats, dongaboats/commercial establishments inside the lake and open surface of lake on daily basis is handed over to SMC at their designated collection points on the periphery of the lake for final disposal at SMC dumping sites outside lake. Liquid waste is collected through sewer network along the periphery of the lake and treated at the STPs (Laam, Habak, Hazratbal and Brari Numbal). Various STPs have been proposed further by UEED and LCMA to cater for the untreated sewage, if any, entering the lake, Also, STPs will be setup inside Dal Lake under PMDP to arrest the sewage, if any, coming from hamlets inside Dal Lake. Houseboats are also connected to sewer network.

JE
Inlake
Sub-division

JE
IRSD

AEE
Inlake
Sub-division

AEE
IRSD

Forwarded in original to Secretary, JK LCMA for further necessary action.

Executive Engineer
Lake Division 1st
JK LCMA Srinagar

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To

No:- LCMA/R&M/Sci/27
Dt:- 4/9/24

The Executive Engineer
Lake Division--IST,
Miskeenbagh khanyar,Srinagar.

Sub; Compliance report to Hon'ble NGT direction in Suo-Motu matter in reg; News items appearing in Kashmir life dated;02-02-2024 in QA No.239/2024 entitled "What challenges are Kashmiri wetlands facing."

Sir,

Kindly find the enclosure regarding LAKE STATUS, that reads "Lake Basins are Maintained" as far as point No.4 is concerned. While as Source of water is concerned it is mainly Telbal Nallah along with other fresh streamlets viz.,Meerakshah, Pishpav and Boutkul.

Thanking you in anticipation

With regards

I/C Research &Monitoring
(LCMA)

cc
Brother for info.
04/09/2024.

J&K LAKE CONSERVATION AND MANAGEMENT AUTHORITY
RESEARCH & MONITORING DIVISION, MISKEEN BAGH, KHANYAR SRINAGAR.
Water quality status of Dal-Nigeen Lake for the year -24

Name of the water body. Dal- Nigeen lake	Coordinates 34°.05'00N-- 34°.09'15N & 74°.49'00E-- 74°.52'45E	Area 25 sq.km	Annual 2023	Bi-Annual 2024 (Jan-May)	Improvement in water quality as per CPCB standards (Mention designated class of water body for this year Vs. previous year.)	Primary water quality criteria for (Class B)
1.Nehru-park-basin			pH:8.2 D.O:7.5mg/l BOD:4.5mg/l	pH:8.2 D.O:8.5mg/l BOD:5.5mg/l	Maintained	pH: 6.5---8.5 D.O:>5mg/l BOD:<3mg/l
2.Nishat-basin			pH:7.3 D.O:6.6mg/l BOD:5.9mg/l	pH:8.4 D.O:7.2mg/l BOD:6.8mg/l	Maintained	
3.Hazratbal-basin			pH:8.0 D.O:7.0mg/l BOD:5.6mg/l	pH:8.5 D.O:7.6mg/l BOD:6.6mg/l	Maintained	
4.Nigeen-basin			pH:7.9 D.O:6.8mg/l BOD:6.2mg/l	pH:8.3 D.O:7.2mg/l BOD:5.9mg/l	Maintained	

Annex - 15

16

Government of Jammu & Kashmir
OFFICE OF THE ASSISTANT COMMISSIONER PANCHAYATS GANDERBAL
(Mini Secretariat Complex Duderhama)
Email: - acpganderbal@gmail.com

The Member Secretary
J&K PCC

No: ACP/GBL/SBM/ 3090-94 **Dated: 04/09/2024**

Subject: Compliance report to Hon'ble NGT direction in Suo Motu Matter in reg: news items appearing in Kashmir Life dated: 02-02-2024 in OA No: 239/2024 entitled "What Challenges are Kashmiri Wetlands Facing"

Ref: Jammu & Kashmir Pollution CONTROL Committee Letter No: JKPCC/SC/A/24/750-752 Dated: 03-09-2024

Sir,

In reference to your letter seeking information on the waste management practices in Wakura, Safapora, and Sherpathri blocks near Manasbal Lake, please find below a detailed response addressing each point:

1. Approximate Quantum of Waste Generated:

- Approximately 1,000 households reside along the banks of Manasbal Lake in the catchment areas of Safapora/Wakura/Sherpathri Blocks. The approximate estimate of waste generated is as under:

- **Solid Waste**: The households along the banks of Manasbal Lake generate approximately **2 metric tons** of waste daily. This includes both biodegradable and non-biodegradable waste materials.
- **Plastic Waste**: Plastic waste generally constitutes about **10% to 15%** of the total waste in such areas, an estimated **200 to 300 kilograms** of plastic waste is generated daily by the households along the banks of Manasbal Lake.
- **Bio Medical Waste:** Biomedical waste typically makes up around 1% to 2%. The estimated amount of biomedical waste produced by the households along the banks of Manasbal Lake would be approximately 10 to 40 kilograms per day.

2. Details of the Waste processing facilities:

1. **Segregation Sheds/PWMUs**: The department has constructed 09 segregation sheds and 03 Plastic Waste Management Units PWMUs in these three blocks under the Swachh Bharat Mission (SBM) 2.0, and once electricity is provided to the site (currently under process), the plastic shredder and hydraulic baling machine installed in PLWMUs will be operational and will enhance waste processing capabilities.
2. **Dustbins**: All households across three blocks are provided with the 130 dustbins both individual as well as community based for proper disposal of solid waste.
3. **Community Compost Pits:** The department has constructed 28 community based compost pits for solid waste management in households residing in vicinity of lake.
4. **Garbage Collection Vehicles:** The Department has provided 7 Garbage Collection Vans/Dumpers and 11 E-Carts to these blocks for smooth operation of Door to Door garbage collection.

The block wise details of waste processing facilities are tabulated as under:

Name of the Block	Safapora	Wakura	Sherpathri	Total
Community Compost Pits	9	13	6	28
Segregation Sheds	01	6	2	9
PWMUs	01	01	01	03
Community Dustbins	43	51	35	129

3. Status of Door to Door Collection & Segregation at Source:

I. **Daily Waste Collection**: A well-organized daily door-to-door waste collection system is in place in all three Blocks under District SLWM Sanitation Plan awarded to three clusters which collect waste twice in a week using machinery and equipments provided by department, ensuring that waste is efficiently transported to a segregation shed and safely disposed by way of forward linkage like rag pickers etc.

II. **De-Weeding and Cleanliness Drives**: Periodic de-weeding of the lake and regular cleanliness drives is conducted by the Manasbal Development Authority (MDA) in collaboration with Rural Development Department to maintain the cleanliness and ecological balance of Manasbal Lake.

III. **Eco-Friendly Initiatives:** The MDA along with RDD Blocks actively promotes eco-friendly initiatives, including a polythene ban and strict vigilance against environmental encroachments.

4. Details of Soakage (Community and Indivual) , CSCs:

Name of the Block	Safapora	Wakura	Sherpathri	Tota l
Soakage Pits (Individual & Community)	Individual: 1057 Community: 6	Individual 3200 Community :11	Individual:2252 Community:9	6509 26
CSCs	06	8	29	43

Hence the information sought vide your office letter No: JKPCC/SC/A/24/750-752 Dated: 03-09-2024 is submitted for favor of information.

Yours faithfully

04.09.2024

Assistant Commissioner Panchayat
Ganderbal.

Copy to:

1. District Development Commissioner Ganderbal for favor of information.
2. Additional District Development Commissioner Ganderbal for favor of information
3. Assistant Commissioner Development Ganderbal for favor of information.
4. Block Development Officer Wakura/Safapora/Sherpathri for information and necessary action.

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Annex - 17

GOVERNMENT OF JAMMU & KASHMIR

OFFICE OF THE DEPUTY COMMISSIONER BUDGAM

Member Secretary,
Jammu & Kashmir Pollution Control Committee.

NO: DCB/SQ/2024-25/NGT/2386 Dated: 10/07/2024

Subject: - Hon'ble NGT order Dated 22-05-2024 in OA 239/2024 titles "What Challenges are Kashmiri wetlands facing?" appearing in Kashmir Life dated 0.02.2024.

Sir,

Kindly refer to your office communication bearing No. JKPCC/Sc./OA-239/2024/256, Dated 01-07-2024 regarding the subject cited above. In this context, the requisite information duly furnished by the Tehsildar Budgam vide letter No. 464/OQ/BUD/024/Rakh dated 10-07-2024 as per prescribed format is hereby enclosed as Annexure-A.

Yours faithfully

Additional Deputy Commissioner,
Budgam.
10.07.24

R.NO:525
15/07/2024

SC(A)(AN)
16.7.24

از دفتر تحصیلدار بڑگام ضلع بڑگام کشمی

OFFICE OF THE TEHSILDAR BUDGAM

The Deputy Commissioner,
Budgam.

Subject: Submission of wetland information.

Sir

Regarding the subject captioned above, in this context kindly find enclosed here with the information of wet land as per devised format enclosed at annexure A". for favour of further necessary action at your end please.

No: 464 /OQ/BUD/024/ Rath.

Dated: 10 /07/2024

Yours faithfully,

Tehsildar Budgam

TEHSILDAR BUDGAM
★ OQ SECTION ★

Annexure 'A'

OFFICE OF THE TEHSILDAR BUDGAM

S.No	Wetland Name	Geographical Cordinates	District In which wetland is Located	Village	Wetland Type	Wetland Sub Type	Area		Khasra Or Survey Numbers	Whether falls within category of regulated wetlands as per Wetlands Rules
					Inland Or Costal	Natural or Human Made	Kanal	Marlas		
1	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	334	Yes
2	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	134	0	335	Yes
3	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	258	9	218	Yes
4	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	203	13	219	Yes
5	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	220	Yes
6	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	221	Yes
7	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	200	4	223	Yes
8	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	222	Yes
9	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	224	Yes
10	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	225	Yes
11	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	226	Yes
12	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	227	Yes
13	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	228	Yes

	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	229	Yes
15	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	230	Yes
16	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	231	Yes
17	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	232	Yes
18	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	233	Yes
19	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	234	Yes
20	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	235	Yes
21	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	236	Yes
22	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	237	Yes
23	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	95	12	238	Yes
24	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	180	8	239	Yes
25	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	240	Yes
26	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	64	3	245	Yes
27	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	247	Yes
28	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	165		248	Yes
		34° 5'51.03"N ,	Budgam	Rakh Arth	Inland	Natural	175	18	249	Yes

30	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	250	Yes
31	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	131	2	251	Yes
32	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	252	Yes
33	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	253	Yes
34	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	255	Yes
35	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	254	Yes
36	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	256	Yes
37	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	257	Yes
38	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	258	Yes
39	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	259	Yes
40	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	260	Yes
41	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	261	Yes
42	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	262	Yes
43	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	263	Yes
44	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	264	Yes
45	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	265	Yes

46	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	266	Yes
47	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	267	Yes
48	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	268	Yes
49	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	269	Yes
50	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	270	Yes
51	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	271	Yes
52	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	272	Yes
53	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	273	Yes
54	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	274	Yes
55	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	275	Yes
56	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	276	Yes
57	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	277	Yes
58	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	278	Yes
59	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	279	Yes
60	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	204	8	280	Yes
					Inland	Natural	222	4	281	Yes

62	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	99	0	282	Yes
63	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	177	16	283	Yes
64	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	153	13	284	Yes
65	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	131	2	285	Yes
66	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	340	0	286	Yes
67	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	287	Yes
68	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	288	Yes
69	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	289	Yes
70	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	290	Yes
71	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	291	Yes
72	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	292	Yes
73	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	294	Yes
74	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	295	Yes
75	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	296	Yes
76	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	297	Yes
77	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	298	Yes

	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	299	Yes
79	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	300	Yes
80	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	301	Yes
81	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	302	Yes
82	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	303	Yes
83	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	304	Yes
84	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	222	4	305	Yes
85	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	234	9	319	Yes
86	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	209	13	320	Yes
87	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	257	16	321	Yes
88	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	447	6	191	Yes
89	Hokersar	34° 5'51.03"N , 74°42'18.95"E	Budgam	Rakh Arth	Inland	Natural	162	15	324	Yes
Total							19135	19		

Sig. Of Patwari

Sig. Of GQ

Sig. Of Naib Tehsildar

Sig. Of Tehsildar

Annex-18

GOVERNMENT OF JAMMU & KASHMIR (UT)

OFFICE OF THE DEPUTY COMMISSIONER PULWAMA.

Email ID: dcpul-jk@nic.in Phone NO: 01933-241242 Fax NO: 01933-241306

The Member Secretary Jammu and Kashmir,
Pollution Control Committee,
Srinagar.

NO:- DCP/Legal/24/162-66 Dated:-27.08.2024

Subject:- O.A. No. 41 of 2024 titled Nadeem Dar V/S Union Terroritory of J&K and Ors.

Sir,

Regarding the subject captioned above, a series of meetings with latest on 22-08-2024 were chaired by undersigned, wherein the officers were directed to intensify the measures aimed at solid waste management right from door to door collection, segregation at source, clearance of legacy waste and liquid waste management by way of grey water management, black water management and concrete action plans for severage Treatment Plants and Plastic Waste Management. In addition, continuous IEC activities to engage local communities and spread awareness about importance of wet lands and further strict enforcement measures as provided under law were also reiterated.

For Wet Land Freshkuri, the Executive Officer Municipal Committee Pampore submitted his action taken report/Action Plan wherein the report reveals that the legacy waste of more than 40 metric Tonnes lying on the bank/shore of Fashkoori Wet Land have been lifted and processed at Tral under the ongoing Bio Mining Contract. Preventive measures have been taken by the Municipal Committee Pampore to control the open littering of waste and segregation at source by the House Holds. In this regard, they have already distributed 2000 Dust Bins in the Town and to House Holds residing in and around FreshKoori Wet Land. The 100% door to door collection and more than 70% segregation at source has been achieved in all the wards of town including Fashkoori Wet Land.

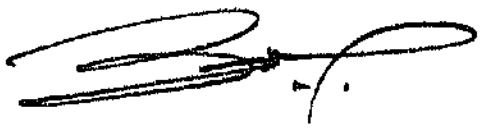
It is apt to mention here that the incursion of (05) heavy drains poses a great challenge before the Municipal Committee Pampore and other concerned departments as it involves the Garbage and mud approaching from the said heavy drains. However, for grey water inlet and outlet management the department has put forth the following strategies:

a) Implantation of Trash Guards: By installing heavy trash guards, the solid waste can be restricted from entering into Wet Land and the same will be bunged and subsequently lifted by the Scavenging staff of Municipal Committee Pampore and disposed of as per the standard measures.

b) Installation of Sewerage Treatment Plant: The hazardous effect of Sewerage can only be checked by installation of (Sewerage Treatment Plant) STP for which the concerned office has already taken up the matter with Executive Engineer, UEED Srinagar for preparation of DPR as mandated.

The above two strategies shall be implemented subject to the availability of funds and necessary approvals from the competent authorities.

c) The establishment of Decentralized solid waste Management centers for all 40 Urban Local Bodies in Kashmir have been approved which includes Municipal Committee, Pampore. In Pampore the decentralized SWM project on modern scientific grounds has been approved at the cost of Rs.321.55 lacs at Galander, Pampore with waste management centers of the 12 TPD capacity (3 plants of 4TPD each). The work on the project is in progress and construction work is expected to be completed and functional by March 2025. The tenders for installation of proper signage with anti littering and other swachhta messages are being uploaded by Municipal Committee, Pampore as per the approved Action Plan on GeM portal and very soon in and around water bodies bins will be installed.



For Wet land Chathlam, the report received from Assistant Commissioner Panchayat reveals that the liquid waste generated from households is generally grey water, which has been managed at household level by construction of Individual and Community Soakage Pits. The Legacy Waste Sites at the periphery of wet land are regularly being cleared by the Sanitation Committees. Besides, the garbage vehicles collect waste from the said area which is later being managed by the local sanitation committee for safe disposal. It is apt to mention here that the department has successfully managed door to door collection of wastes and the dumping of the same in segregation sheds/composite pits and the department is being proactive in creating awareness among masses regarding plastic waste /solid waste / liquid waste management by way of regular IECs. Furthermore, as an alternative solution, the department proposes construction of sedimentation tanks at main points which will help in filtration of grey water and would prevent Chathlam wetland from accumulation of sediment/other waste. For long term solution, to manage incursion of grey water DPRs for Dewats have been proposed and the same shall be implemented subject to the availability of funds and the necessary approvals.

The Wild Life Warden Wet Lands Division, Kashmir also submitted his report highlighting that various cleanliness drives were conducted with effect from 23.08.2024 at Fashkoori and Chatlam Wet Land Conservation Reserves. As a result, 145 qtls of various types of solid waste were lifted from these wetlands. Besides, the services of Departmental boats were used for collection of solid wastes in the form of bottles, polythene bags and other like waste material all along chain link fencing and barbed wire.

So far the long term measures are concerned, the DPRs are being prepared and shall be implemented subject to the approval of the competent authorities and the availability of funds. However, intensive IEC activities, door-to-door collection and solid/ liquid waste

management as detailed above shall be continued for the procurement of preservation of wet lands as desired by the Hon'ble National Green Tribunal, Principal Bench, New Delhi.

Yours faithfully

Deputy Commissioner
Pulwama.

Copy to the:-

1. Financial commissioner (Additional chief secretary), Department of forest, Environment and Ecology, Civil Secretariat, Jammu/Srinagar for kind information.
2. Commissioner/Secretary to Govt. Housing and Urban Development Department, Civil Secretariat, Jammu/Srinagar for kind information.
3. Secretary to Government, Department of Rural development and Panchayati Raj Civil Secretariat, Jammu/Srinagar for kind information.
4. Regional Director J&K Pollution control committee, Kashmir for information.

GOVERNMENT OF (UT) JAMMU AND KASHMIR
Department of Urban Local Bodies Kashmir
OFFICE OF THE EXECUTIVE OFFICER MUNICIPAL COMMITTEE PAMPORE
eomcpampore@gmail.com

The Deputy Commissioner,
Pulwama.

No:MC/Pamp/24/1701-04 Dated: 26/08/2024

Subject:- Preservation of Fashkoori Wetland at Municipal Committee Pampore and obligatory Provisions thereof.

Ref: - 1. JKPCC/NGT/41-2024/114-124 Dated: 10/06/2024
2. O.A. No:41 of 2024 titled Nadeem Ahmad Dar V/s. Union Territory of J&K and Ors.

Respected Sir,

Kindly refer to the subject and references captioned above vis-a-vis in compliance to the instruction of your goodself , the Municipal Committee Pampore has taken extreme procedures to safeguard the Fashkoori Wetland and used men and machinery at the site in order to save the wetland from Garbage and Plastic free for which Scavenging staff has been deployed on daily basis in presence of respectable citizens not only but also Forest Department also participated in the campaign and Wetland Conservation officials were also present at the site during concentrated effort of the Fashkoori wetland site (Geo-tagged photographs enclosed for reference), but this office has no such facility to evacuate the whole wetland from rubbish silt, etc due to inadequate equipments and modern type boats, but also deficiency of manpower to be occupied with modern technology for which this office face a lot of difficulties. Inasmuch, the Municipality are providing general awareness among the public at the outskirts to refrain from throwing garbage etc and other rough material on the wetland. The main difficulty during the cleaning the site as there are heavy drains which directly comes from the nearby Mohallals with sludge and mud due to which there are complete apprehensive that wetland may be affected abruptly if the authorities will not take necessary measures to preserve the most famous Fashkoori wetland and the Municipality

will absolutely provide men and machinery as is available with the Institution for preservation of the famous Fashkoori Wetland.

The scavenging staff in presence of undersigned started concentrated effort to remove the Garbage and polythene at the Fashkoori wetland in presence of Advocate Nadeem Qadri (Environmental Lawyer at Honb'e High Court Srinagar) and also the residents of the area who have dumped Cow dung on the edge of Fashkoori wetland were requested and asked to remove the same within Two days positively, otherwise the Municipality will confiscate the same at the sites at their own risk and cost and the expenditure to be incurred will be born by them and in future such practices will be refrained, otherwise penalizing action will be initiated against them as per the rules.

Brief Description of Fashkoori Wetland: -

Fashkoori Wetland is situated in Pulwama District and is located at the periphery of Pampore Town. It is spread over an area of (14) Ha and lies between 34° 1.022'N74° 55.274'E and 34° 0.592'N74° 55.319'E. 8.2 Flora & Fauna. The Wetland receives large congregations of Waterfowl during winters. In addition to this sizeable number of summer migrants and resident birds inhabit this wetland. The most dominant waterfowl families in Fashkoori Wetland are Antedate followed by Ardeidae and Rallidae. The Wetland act as a satellite refuge for local migration patterns from adjoining other Pampore wetlands. Mallards have been recorded to breed in this wetland as tall patches of Typha provides a good and suitable condition for the duck to breed.

The Municipal Committee Pampore remains at frontage position on the preservation and protection policy and leaves no stone unturned to perform the mandated duties, the Municipal Committee Pampore have (17) wards and the Fashkhoori Wetland falls at the periphery of two wards of Municipal Committee Pampore viz; Tulbagh and Namblabal and since long Five heavy drains are presently flowing towards the Fashkhoori Wet land. The details of drains presently flowing are as under:-

Sr. No.	Location	Geo-Coordinates
01.	Near ITI Pampore	3400.531N 07455.438E
02.	Near Shandar Motors Namblabal Pampore	3400.594N 07455.251E
03.	Blow Prower Grid Namblabal Pampore	340.791N 07455.240E
04.	Nar Er. Zahoor Ahmad Masoodis House Namblabal Pampore	3400.629N 07455.233E
05.	Near Aram Masjid Namblabal Pampore	3400.913N 07455.203E

It is opt to mention here that, the incursion of (05) heavy drains are presently a challenge before the Municipal Committee Pampore not only but also to the concerned departments as it involves the Garbage and mud approaching from these Five heavy drains. The unconstructive impact of the drains shall be checkered in two ways:

a) Implantation of Trash Guards: By installing heavy trash guards, the solid waste can be restricted from entering into Wet Land and the same will be bunged and subsequently lifted by the Scavenging staff of Municipal Committee Pampore and disposed of as per the standard measures.

b) Installation of Sewerage Treatment Plant: - The hazardous effect of Sewerage can only be checked by installation of (Sewerage Treatment Plant) STP for which this institution has already taken up the matter with Executive Engineer, UEED Srinagar vide this Office communiqué No: MCP/2023-24/1493-95 Dated: 05/08/2024 for preparation of DPR as per the directions of then Director, Urban Local Bodies Kashmir during the virtual meeting. (Copy enclosed for reference), however, the matter of funds to be incurred for the said project will be taken up with the higher authorities.

c) **The establishment of Decentralized solid waste Management centers for all 40 Urban Local Bodies in Kashmir have been approved which includes Municipal Committee, Pampore. In Pampore the decentralized SWM project on modern scientific grounds has been approved at the cost of Rs.321.55 lacs at Galander, Pampore with waste management centers of the 12 TPD capacity (3 plants of 4TPD each). The work on the project is in progress and construction work is expected to be completed and functional by March 2025. The tenders for installation of proper signage with anti littering and other swachhta messages are being uploaded by Municipal Committee, Pampore as per the approved Action Plan on GeM portal and very soon in and around water bodies bins will be installed.**

d) The Legacy waste quantity more than 40 MT lying on the bank/ shore of Fashkoori wetland have been lifted and processed at Tral under the ongoing Bio-mining contract. Land reclaimed is proposed to be beautified by way of development of view park. To prevent the open littering of waste and segregation at source by the household, MC Pampore has distributed 2000 dustbins in the town and to household residing in and around Fashkoori wetland. The 100% door to door collection and more than 70% segregation at source has been achieved in all the wards of town including Fashkoori wetland. However, a sewage treatment plant has been proposed for the Pampore town having capacity of 2.2 MLD with 6.6 kms pipelines having dimension of 200 meters to 450 meters with 3 pump stations, out of which one pump station will be installed in and around of Fashkoori wetland. This Sewage Treatment Plant (STP) has been sanctioned by the UEED. Besides another FSTP of capacity 10 KLD has also been proposed by the UEED Kashmir for Pampore town which is in process.

As such detailed report is submitted for favour of kind information and further necessary instructions please.

Encls: A/A.

Yours faithfully,

26.08.24

Executive Officer,
Municipal Committee,
Pampore

Copy to the:-

01. Director, Urban Local Bodies Kashmir for favour of information.
02. Additional District Development Commissioner/Administrator, Municipal Committee Pampore for favour of information.
03. District Officer, Pollution Control Board Pulwama for favour of information.

268


JCB
Pampore - Zantrag Rd
Google
Pampore
2W5F+968, Pampore, 192121
Lat 34.009039° Long 74.923723°
23/08/24 12:14:37 PM

272


NAMBLABAL
Google
Pampore
Namblabal, 272, Bagander Rd, Gousia Colony, Pampore, 192121
Lat 34.016503° Long 74.921924°
24/08/24 12:02:38 PM

Office of the
Wildlife Warden, Wetlands Division, Kashmir
Srinagar e-mail: hokersarwetland@gmail.com

The Dy. Commissioner,
Pulwama

No:- WLW (WL)/Estt/2024-25/ 769 **Dated: -26-08-2024**

Subject:- Case of Nadeem Ahmad Dar V/S Union territory of Jammu & Kashmir and action taken report thereof.

Sir,

Apropos the subject matter captioned above and in connection with the meeting held with you in your good office on 22-08-2024, three cleanliness drives were conducted w.e.f 23-08-2024 at Freshkoori and Chattalum Wetland Conservation Reserves, in which Men & Machinery of Municipal Committee Pampore, Block Development officer, Pampore and field staff of this Division participated. The Photographic evidence of the activities carried out in past three days are enclosed herewith as Annexure- "A" for your kind perusal, please & the details are as under: -

- 8 to 10 hoopers (Approximately 40 Qtls) of solid waste were lifted from inlet drains from I.T.I side of Fresh Koori wetland Conservation Reserve.
- Near ITI pampora the drain entering the Freshkoori wetlands was chocked with solid waste. The drain was thoroughly cleaned so that no solid waste could enter the Freshkori Wetland.
- Near Arm Masjid pampore huge amount of solid waste were collected and disposed off.
- 5 to 6 hoopers (Approximately 30 Qtls) of solid waste were lifted from Bagender side of Freshkoori wetland Conservation Reserve.
- Near Jio Tower Baghander solid waste in the form of plastic bottles and polythene were collected along the boundary of the Wetland
- 4 to 5 Tractors (Approximately 35 Qtls) of Solid waste were also removed from Lalpora Fisheries side of Chattalum Wetland Conservation Reserve.
- The Departmental boats were used on 25-08-2024 for collection of solid waste in the form of bottles, polyethene bags and other waste material along chain link fencing, brabed wire side and near B.O Quarter/BP No.24.
- 4 to 5 hoopers (Approximately 40 Qtls) of solid waste were lifted from the periphery of Chattalum Wetland Near Eidgah and accordingly disposed-off by the field staff of Block Development Officer Pampore.

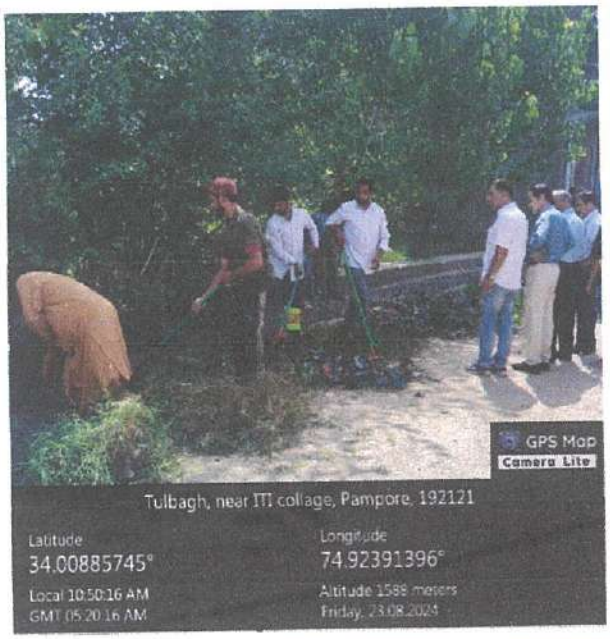
Further, the process of cleaning of pampore wetlands will be continued so that these wetlands can be made solid waste free and the health of these precious wetlands can be maintained properly.

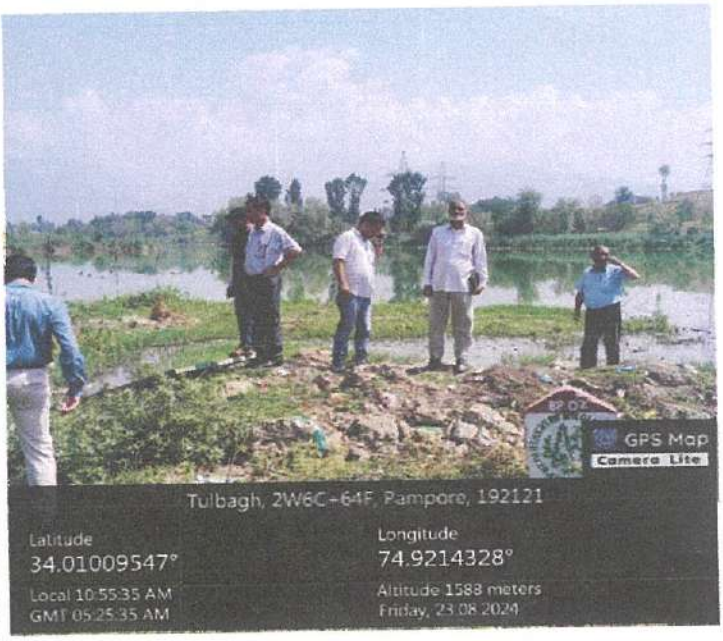
Yours faithfully,

Encl:- Photographs (2) Pages.

Annexure-"A"

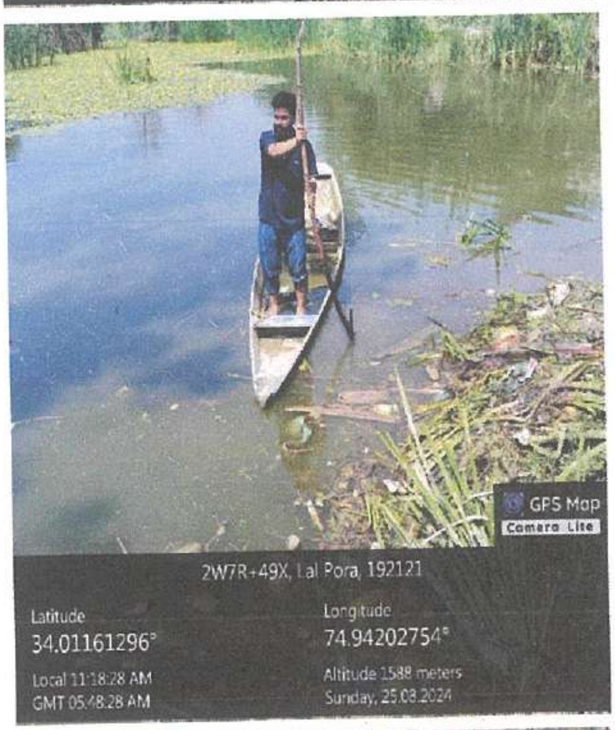

GPS Map
Camera Lite
Tulbagh, near ITI collage, Pampore, 192121
Latitude
34.00872711°
Longitude
74.92399247°
Local 10:50:34 AM
GMT 05:20:34 AM
Altitude 1588 meters
Friday, 23.08.2024


GPS Map
Camera Lite
Tulbagh, near ITI collage, Pampore, 192121
Latitude
34.00885745°
Longitude
74.92391396°
Local 10:50:16 AM
GMT 05:20:16 AM
Altitude 1588 meters
Friday, 23.08.2024


GPS Map
Camera Lite
Tulbagh, 2W6C+64F, Pampore, 192121
Latitude
34.01009547°
Longitude
74.9214328°
Local 10:55:35 AM
GMT 05:25:35 AM
Altitude 1588 meters
Friday, 23.08.2024


GPS Map
Camera Lite
2W7R+49X, Lal Pora, 192121


GPS Map
Camera Lite
2W7R+49X, Lal Pora, 192121
Latitude
34.01101383°
Longitude
74.9421194°



RO-Lakes/Pampore

GOVT OF JAMMU AND KASHMIR

OFFICE OF THE ASSISTANT COMMISSIOER PANCHAYAT PULWAMA

District Development Commissioner
Pulwama

No:ACP/Pul/22/Cmp/4560-98 **Dated: 26 / 08 /2024**

Subject:- Action Taken report on wetland (OA NO 41 of 2024 titled Nadeem and dar vs UT and others)

Sir

Regarding the subject cited above, in this regard the report has been sought from the Block Development Officer Pampore vide letter number BDOP/SBM/18880-90 dated 26/08/2024 which is submitted for favour of information and kind perusal.

Yours faithfully

Assistant Commissioner Panchayat
Pulwama

Government of Jammu & Kashmir

Office of the Block Development Officer Pampore

e-mail :-bdopampore@gmail.com

The Assistant Commissioner Panchayat
Pulwama.

No: BDOP/SBM/ 1000-90 **Dated:** 26 **/08/2024**

Subject:- Submission of Action Taken Report regarding Chatlam Wetland (OA No.41 of 2024 titled Nadeem Ahmad Dar Vs UT of J&K)

Madam,

Regarding the subject cited above, it is submitted that as desired the Action Taken Report regarding Chatlam Wetland is enclosed herewith for favour of information and further necessary action at your end please.

Yours Faithfully

BLOCK DEV. OFFICER PAMPORE

Block Dev. Officer,
Pampore.

Encls: A/A (14Pages)

Copy to the:-

1. District Development Commissioner Pulwama for favour of information.
2. Assistant Commissioner Development Pulwama for favour of information.

Block Pampore

- Block Pampore comprises of 18 Panchayat Halqas consisting of 27 villages. We had started Door to Door Waste collection from October 2022, for which private vehicle was hired for a period of year.
- In august 2023, we procured four(4) number of garbage collection vehicles, in addition to that other items like handcarts, dustbins, loud speakers etc were also procured.

Solid Waste Management

- Block Pampore has constructed a total number of 17 segregation sheds. These segregation sheds are being used to segregate waste like biodegradable , Nonbiodegrable, Plastic waste etc.
- We have also constructed 30 Nos of compost pits in various Panchayats of Block Pampore and some are under construction as well.
- We have also started D2D waste collection from all the Panchayats of Block Pampore .

(3)

Liquid waste Management

- Regarding Liquid waste management at block Pampore, we have constructed 26 number of community soakage pits under SBM in various Panchayats.
- We have also constructed more than 1300 number of individual soakage pits to manage grey water at household level.
- Regarding the black water we constructed septic tanks, twin pits etc to tackle black water at source.

(4)

Legacy Waste Sites

- At the beginning of Door to Door garbage collection we identified various legacy waste sites, which were cleared again and again, clear cut message was conveyed to public to prevent the site from further degradation. But still a lot of garbage is getting accumulated at the periphery of Roads,Wetland thrown by unknown persons at late night or early morning hours because of which we are unable to achieve success on it .

(٤)

Panchayat Halqa Konibal

- Regarding the Door to Door waste collection at Panchayat Halqa Konibal a garbage vehicle is scheduled to collect waste from the house holds at the frequecy of 2 days in a week which is later segregated in segregation shed constructed within the panchayat Konibal.
- The collected waste is segregated by the sanitation workers engaged for this purpose .
- Bio-degradable waste is transported to community compost pit and plastic waste is stored at segregation shed and is being cleared on fortnightly basis which is later transported to nearby Plastic Waste Management Unit at Kakapora.
- We are also awaring people through IECs ,Camps etc regarding the segregation of waste at source but it seems that this process will take time to change the behavior of people.
- We have also installed dust bins at important public places like Masjids, Astan Sharif , Wetland etc. and frequently these are being monitored by local sanitation community there.

Liquid waste management at Konibal

- We had constructed three number of community soakage pits in Panchayat Halqa Konibal to manage grey waste at community level, and two number of community soakage pits have also been approved in current years annual action plan under SBM
- We have also constructed 60 number of individual soakage pits under MGNREGA to track grey water at HH level.

(7)

Wetland Chatlam

- Wetland Chatlam or Chatlam Sar is an important wetland in Panchayat Halqa Konibal. It is surrounded by saffron fields from two sides and by habitation (Bagi anayatullah Meej and Chatlam) from other two sides comprising approximately 500 households.
- Earlier people used to dump waste near chatlam wetland but after conducting awareness programs and IEC camps the scenario has changed. Now a garbage vehicle collects waste from said area and is later being managed by a local sanitation committee for safe disposal.
- The legacy waste sites created by unknown people at the periphery of wetland are regularly being cleared by the sanitation committee there.
- The liquid waste generated from the households is generally grey water which is being managed at household level by construction of individual soakage pits and community soakage pits.
- Some of the grey water waste gets into the wetland and we have proposed community soakage pits there but locals were not allowing us to construct. After taking public into confidence, we have started constructing community soakage pits but later we were not able to do it because of high water table there.
- The alternative solution for grey water was found by proposing sedimentation tanks at main points. This will help in filtration of grey waste and at the same tine will prevent chatlam wetland from accumulation of solid waste.
- For Long-term solution the DPR for Dewats has been proposed in Chatlam area which will manage the grey water coming from these drains and from surrounding areas as well.

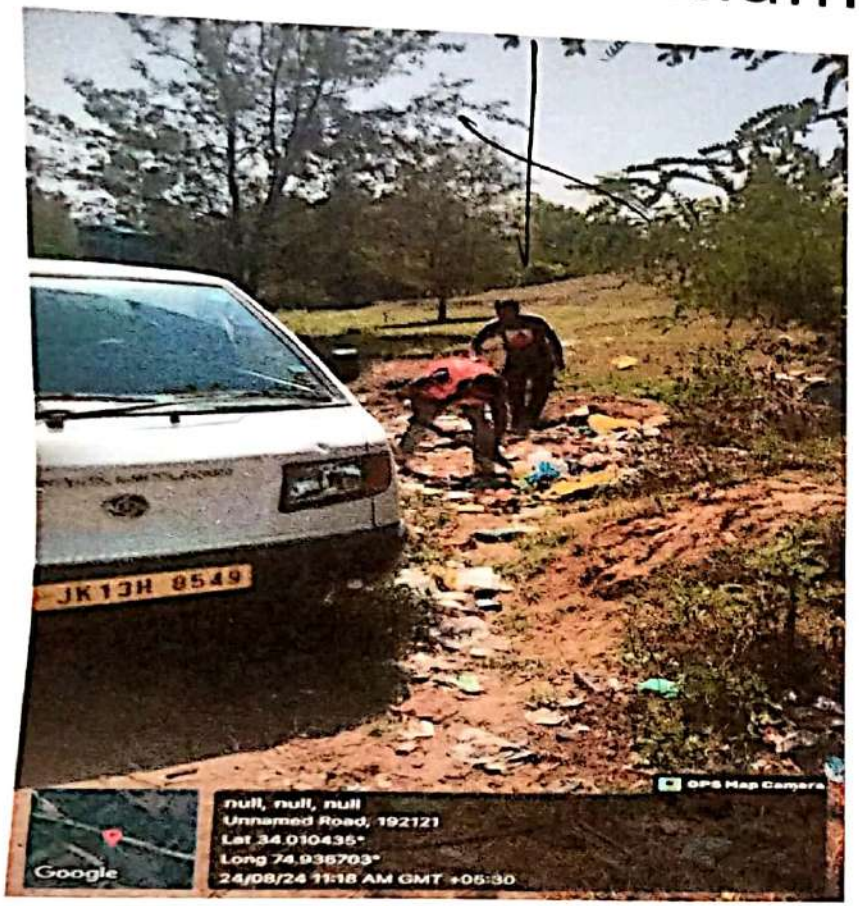
Progress during last few days

- Cleared various number of legacy waste sites around Chatlam Wetland and also cleared drains merging into wetland.
- Distributed dustbins to nearby shops, Masjids , and installed dustbins around Chatlam wetland.
- Proposed Dewats plant for which DPR is under progress.
- Removed Pipes of Households containing grey water which had outlet in wetland Chatlam and issued notices to the defaulters.
- A special cleanliness drive was also conducted by this office on 25th of August 2024 under the title of Save wetland and clean wetland . In this programme large people from the Konibal and Chatlam also participated.
- Started construction works on Sedimentation Tanks which will prevent further accumulation of waste into the wetland.

Wetland Krenchoo/Manibugh

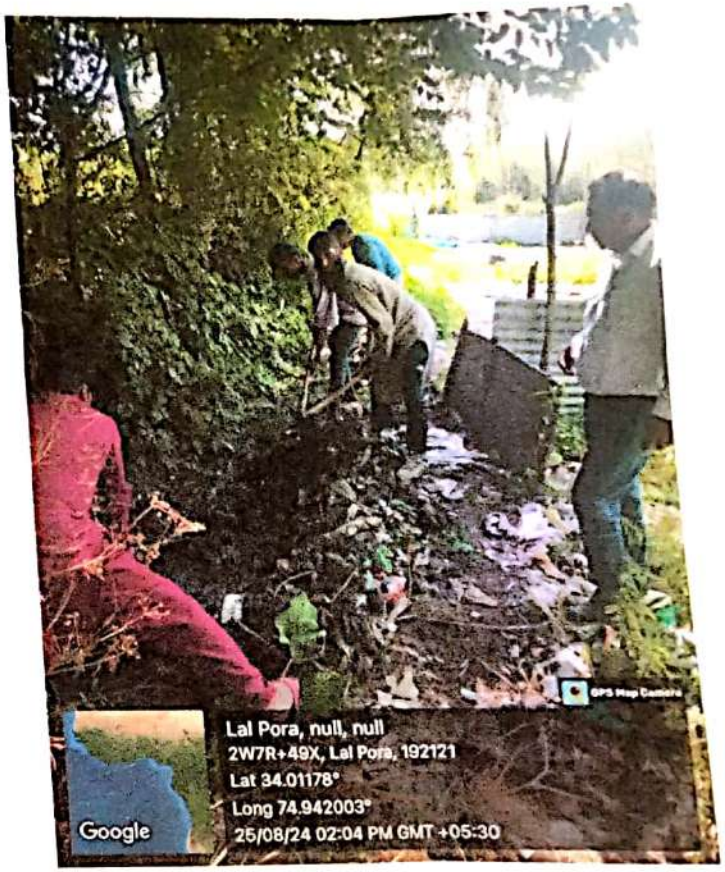
- These wetlands fall in panchayat Halqa Krenchoo. These wetlands are free from habitation. There is no legacy waste dumped around the said wetland.
- How ever the school namely MEI Pampore situated there has car washing ramp which has direct outlet in the said wetland. Notice was issued to the said institution and immediately the working of car washing ramp was stopped .

Legacy waste sites clearance at Chatlam Wetland



Wetland clearance

Construction work started on Sedimentation Tanks at Chatlam.

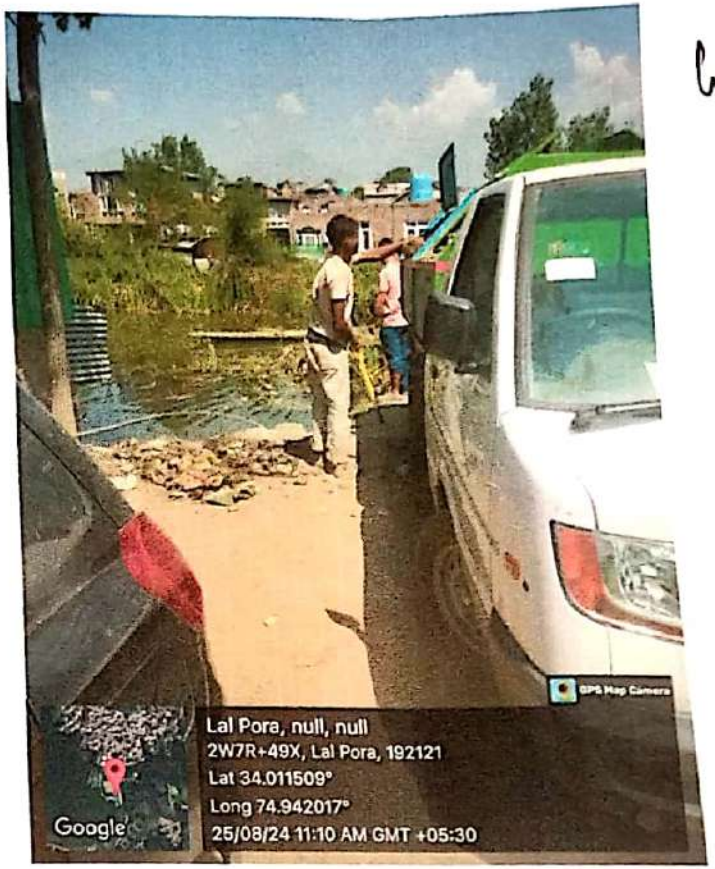


12

ACP Mam Monitoring Legacy Waste Clearance and Sedimentation Tanks Constructed

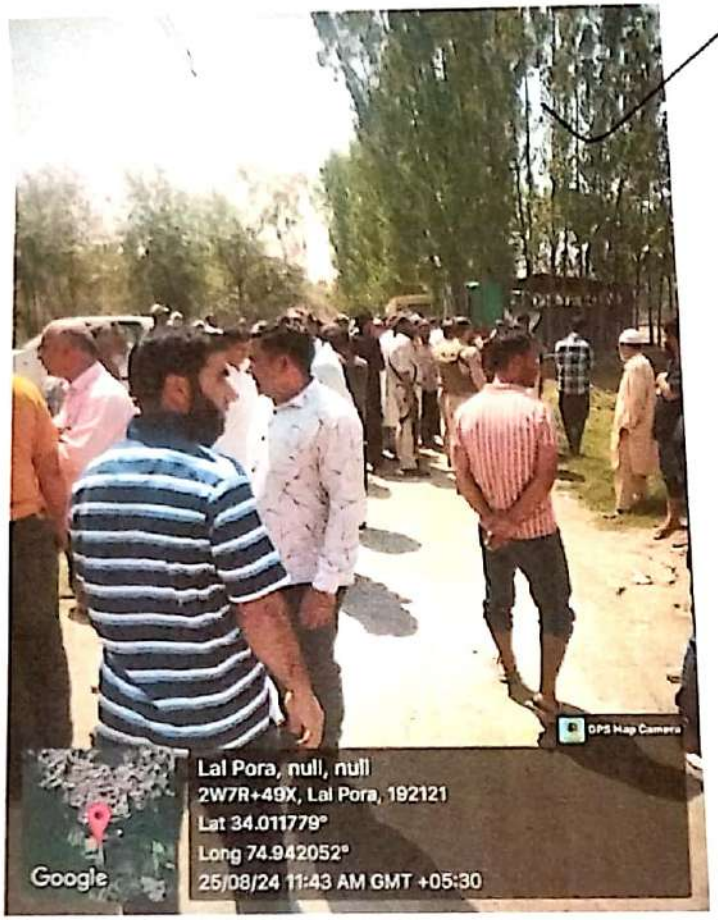
(13)

Removing Plastic Waste from Wetland



Good
Orderly
Website
Photos

Special Cleanliness Cum Awareness Drive on 25Th of August at Chatlam Wetland.



GOVERNMENT OF (UT) JAMMU AND KASHMIR
Department of Urban Local Bodies Kashmir
OFFICE OF THE EXECUTIVE OFFICER MUNICIPAL COMMITTEE PAMPORE
eomcpampore@gmail.com

The Deputy Commissioner,
Pulwama.

No:MC/Pamp/24/1701-04 Dated: 26/08/2024

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The scavenging staff in presence of undersigned started concentrated effort to remove the Garbage and polythene at the Fashkoori wetland in presence of Advocate Nadeem Qadri (Environmental Lawyer at Honb'e High Court Srinagar) and also the residents of the area who have dumped Cow dung on the edge of Fashkoori wetland were requested and asked to remove the same within Two days positively, otherwise the Municipality will confiscate the same at the sites at their own risk and cost and the expenditure to be incurred will be born by them and in future such practices will be refrained, otherwise penalizing action will be initiated against them as per the rules.

Brief Description of Fashkoori Wetland: -

Fashkoori Wetland is situated in Pulwama District and is located at the periphery of Pampore Town. It is spread over an area of (14) Ha and lies between 34° 1.022'N74° 55.274'E and 34° 0.592'N74° 55.319'E. 8.2 Flora & Fauna. The Wetland receives large congregations of Waterfowl during winters. In addition to this sizeable number of summer migrants and resident birds inhabit this wetland. The most dominant waterfowl families in Fashkoori Wetland are Antedate followed by Ardeidae and Rallidae. The Wetland act as a satellite refuge for local migration patterns from adjoining other Pampore wetlands. Mallards have been recorded to breed in this wetland as tall patches of Typha provides a good and suitable condition for the duck to breed.

The Municipal Committee Pampore remains at frontage position on the preservation and protection policy and leaves no stone unturned to perform the mandated duties, the Municipal Committee Pampore have (17) wards and the Fashkhoori Wetland falls at the periphery of two wards of Municipal Committee Pampore viz; Tulbagh and Namblabal and since long Five heavy drains are presently flowing towards the Fashkhoori Wet land. The details of drains presently flowing are as under:-

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01.	Near ITI Pampore	3400.531N 07455.438E
02.	Near Shandar Motors Namblabal Pampore	3400.594N 07455.251E
03.	Blow Prower Grid Namblabal Pampore	340.791N 07455.240E
04.	Nar Er. Zahoor Ahmad Masoodis House Namblabal Pampore	3400.629N 07455.233E
05.	Near Aram Masjid Namblabal Pampore	3400.913N 07455.203E

It is opt to mention here that, the incursion of (05) heavy drains are presently a challenge before the Municipal Committee Pampore not only but also to the concerned departments as it involves the Garbage and mud approaching from these Five heavy drains. The unconstructive impact of the drains shall be checkered in two ways:

a) Implantation of Trash Guards: By installing heavy trash guards, the solid waste can be restricted from entering into Wet Land and the same will be bunged and subsequently lifted by the Scavenging staff of Municipal Committee Pampore and disposed of as per the standard measures.

b) Installation of Sewerage Treatment Plant: - The hazardous effect of Sewerage can only be checked by installation of (Sewerage Treatment Plant) STP for which this institution has already taken up the matter with Executive Engineer, UEED Srinagar vide this Office communiqué No: MCP/2023-24/1493-95 Dated: 05/08/2024 for preparation of DPR as per the directions of then Director, Urban Local Bodies Kashmir during the virtual meeting. (Copy enclosed for reference), however, the matter of funds to be incurred for the said project will be taken up with the higher authorities.

c) **The establishment of Decentralized solid waste Management centers for all 40 Urban Local Bodies in Kashmir have been approved which includes Municipal Committee, Pampore. In Pampore the decentralized SWM project on modern scientific grounds has been approved at the cost of Rs.321.55 lacs at Galander, Pampore with waste management centers of the 12 TPD capacity (3 plants of 4TPD each). The work on the project is in progress and construction work is expected to be completed and functional by March 2025. The tenders for installation of proper signage with anti littering and other swachhta messages are being uploaded by Municipal Committee, Pampore as per the approved Action Plan on GeM portal and very soon in and around water bodies bins will be installed.**

d) The Legacy waste quantity more than 40 MT lying on the bank/ shore of Fashkoori wetland have been lifted and processed at Tral under the ongoing Bio-mining contract. Land reclaimed is proposed to be beautified by way of development of view park. To prevent the open littering of waste and segregation at source by the household, MC Pampore has distributed 2000 dustbins in the town and to household residing in and around Fashkoori wetland. The 100% door to door collection and more than 70% segregation at source has been achieved in all the wards of town including Fashkoori wetland. However, a sewage treatment plant has been proposed for the Pampore town having capacity of 2.2 MLD with 6.6 kms pipelines having dimension of 200 meters to 450 meters with 3 pump stations, out of which one pump station will be installed in and around of Fashkoori wetland. This Sewage Treatment Plant (STP) has been sanctioned by the UEED. Besides another FSTP of capacity 10 KLD has also been proposed by the UEED Kashmir for Pampore town which is in process.

As such detailed report is submitted for favour of kind information and further necessary instructions please.

Encls: A/A.

Yours faithfully,

26.08.24

Executive Officer,
Municipal Committee,
Pampore

Copy to the:-

01. Director, Urban Local Bodies Kashmir for favour of information.
02. Additional District Development Commissioner/Administrator, Municipal Committee Pampore for favour of information.
03. District Officer, Pollution Control Board Pulwama for favour of information.

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Annex-19

The Government of Jammu & Kashmir

DEPARTMENT OF WILDLIFE PROTECTION

Office of the Wildlife Warden, Wetlands Division, Kashmir, Srinagar.

e-Mail: hokersarwetland@gmail.com

The Secretary,
J&K Pollution Control Committee,
Rajbagh, Srinagar.

No. WLW (WL)/Estt/2024-25/ 780 Dated: 31 -08 -2024

Subject : Submission of detailed report regarding Pampore Wetlands.

Sir,

Kindly find enclosed the detailed report regarding Pampore Wetlands in OA No: 41 of 2024, titled Nadeem Ahmad Dar V/s UT of J&K and Ors for favour of further necessary action at your end please.

Yours faithfully

Wildlife Warden,
Wetlands Division, Kashmir,
Srinagar.

Brief Note on Wetlands

Hokersar, Hygam, Shalabugh and Mirgund Wetland Conservation Reserves.

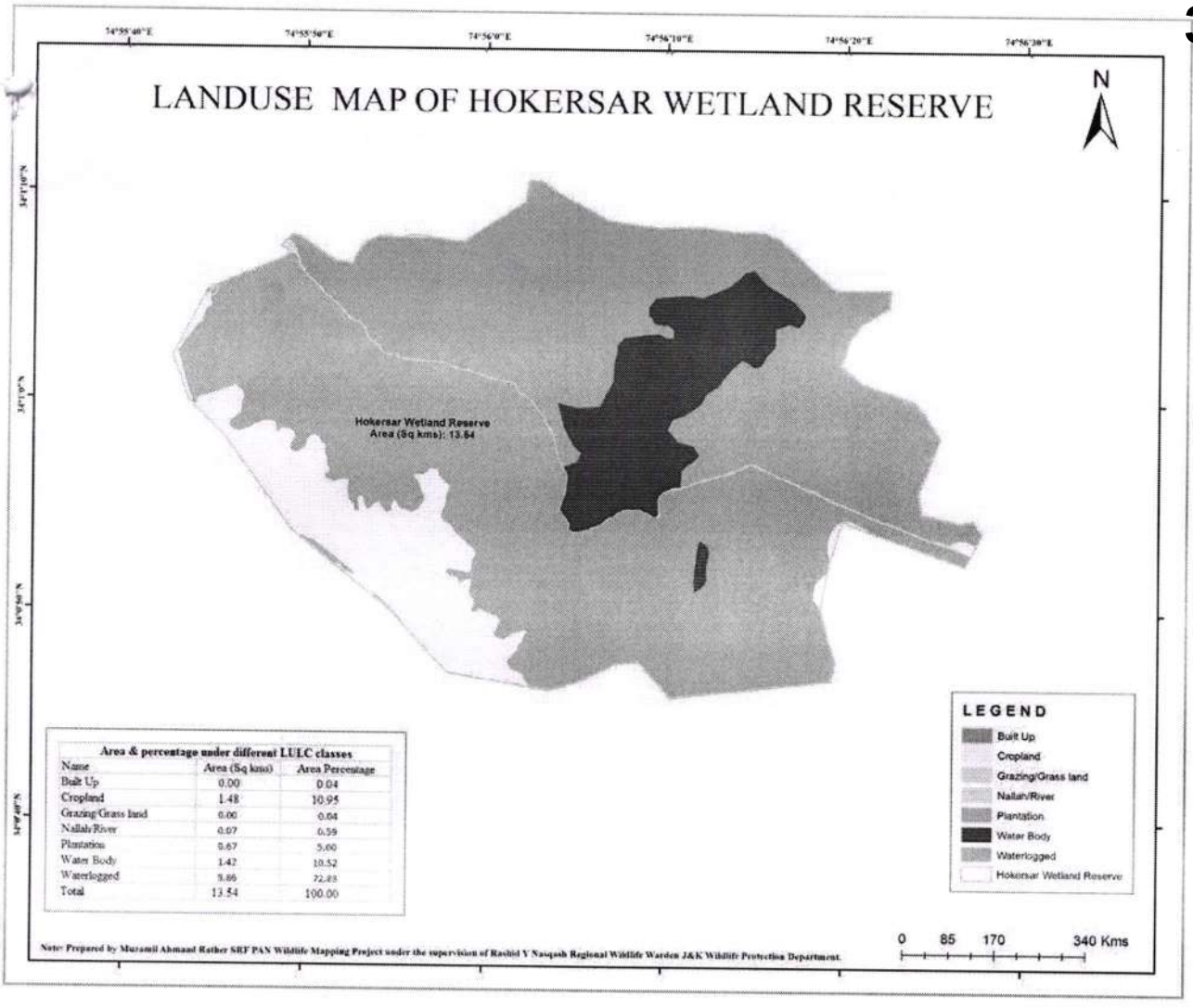
Department of Wildlife Protection
Wildlife Warden, Wetlands Division, Kashmir

Hokersar Wetland Conservation Reserve:-

Hokersar Conservation Reserve a Ramsar Site is a renowned waterfowl reserve, lies 10 km west of Srinagar on the Srinagar-Baramullah highway. The wetland has a long history of over a century and was a shooting resort of the then Maharaja Hari Singh of Jammu & Kashmir state. The wetland has successively been under the administration of (1) Department of Tawaza (Hospitality and Protocol) and Game and Fisheries department till 1947 and it was notified as a state Rakh in the year 1945(2) Department of Game when Fisheries wing was separated from it till 1973 (3) It was again back to Game and Fisheries department till 1979 (4) Department of Wildlife Protection from 1979 onwards. The wetland has been notified vide cabinet order No: 710/ c of 1945 (G.G) dated July-17-1945 by the then state government. Late Ghulam Ahmad Bakshi, the then Chief Minister of Jammu & Kashmir State, raised the peripheral bund. It is also an Important Bird Area (Islam & Rahmani, 2004). The wetland was declared as a Ramsar Site, a wetland of international importance by Ramsar Convention Bureau on November 8, 2005 and the Ramsar Site number accorded to it was 1570. It is fed by the perennial Doodhganga river tributary, which makes its way to meet the Jhelum River. Another stream called Sukhnag enters the area near village Narbal on the northwest which ultimately drains directly into the Doodh ganga near Soizeth village. The water table depends upon the discharge from Doodh ganga spill channel. The lake reaches a maximum depth of 2.5 m in spring during snowmelt and a minimum of 0.7 m in autumn.

District	**Budgam and Srinagar**
Coordinates	34° 5' 54.148" N, 74° 42' 19.356" E
Ownership	Department of Wildlife Protection, J&K
Area	13.54 Sq Km's
Altitude	1,580 m
Rainfall	550 mm
Habitats	Seasonal Marsh

The vegetation ranges from submerged, attached, free floating to emergent. Shallow areas support thick stands of Typha and Phragmatis. Trapa natans, Nymphoides peltata, Nymphoide candida and Nymphoide stellata occur in the open water areas. There are many floating gardens in the lake. Plantation of Salix alba has been taken up along the shoreline, while rice is grown in the surrounding areas. These crops fields also provide foraging areas for birds. Hokersar is an important Wetland for both resident and migratory waterfowl. Hussain (1989) counted 64 species in and around the wetland during bird ringing studies. The lake is particularly important as a wintering area for migratory ducks and geese, and as a breeding area for herons, egrets and rails. There has been considerable increase in the waterfowl numbers since shooting was stopped.



Key Species with Numbers Sighted during 2024 AWC

Species	Count
Eurasian Wigeon	7143
Gadwall	87347
Mallard	97680
Northern Pintail	23843
Northern Shoveler	59577
Eurasian Coot	61493
Eurasian Teal	58528

Hygam Wetland Conservation Reserve (RAMSAR site)**:-**

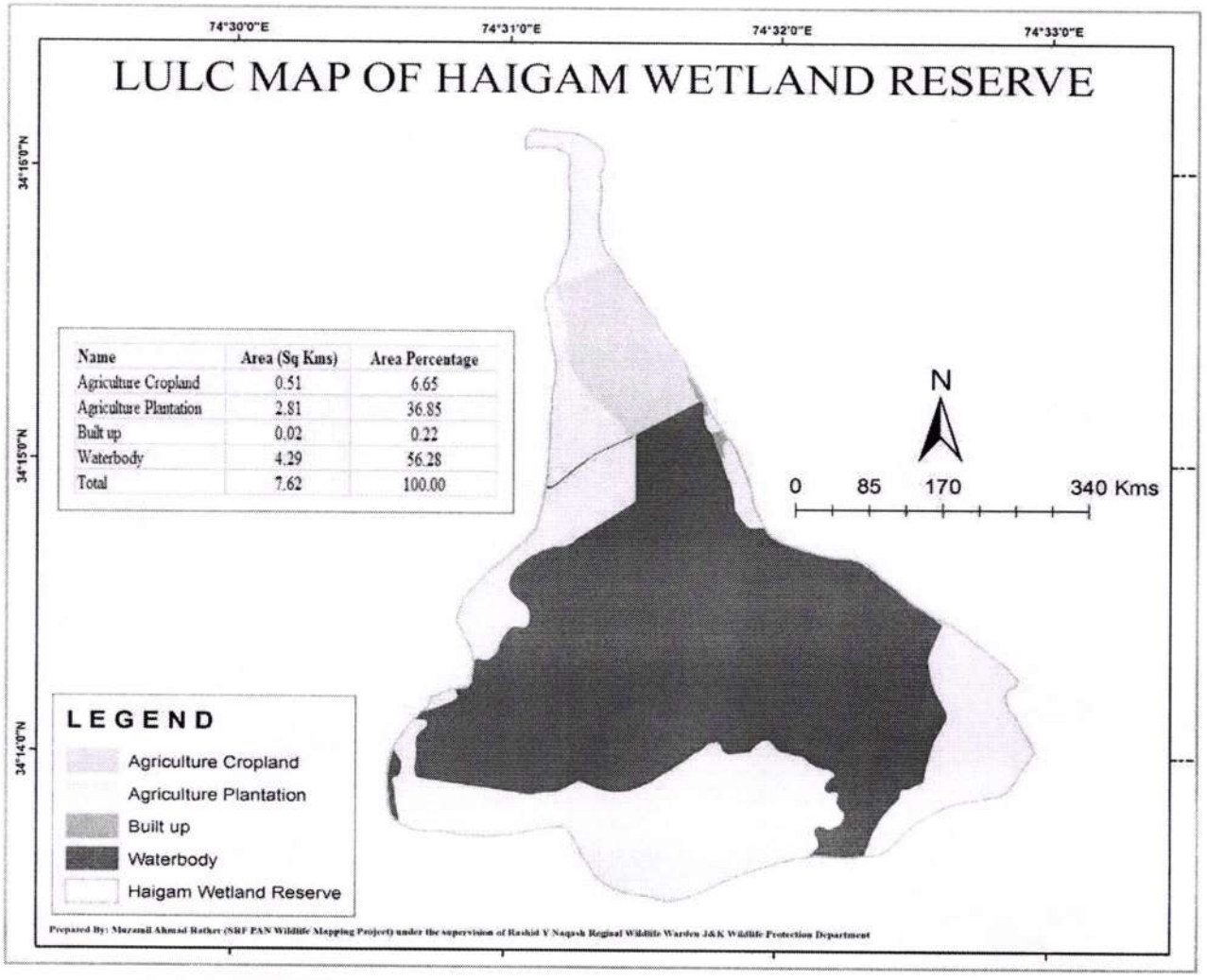
Around 40 km north of Srinagar lies the Hygam Wetland Reserve with an area of 7.00 Km2, which was notified a Reserve in 1945, Vide Cabinet Order No: 710-C of 1945, Dated: 17-07-1945. Hygam wetland derives its name from the village where it is situated in. The area of this wetland has shrunk from 14 sq km (Holmes and Parr 1988) to 7.25 sq km.Hygam Rakh is a permanent shallow freshwater lake with maximum depth of 1.2 m. Perennial streams feed it, but the water table falls in late summer, reaches the lowest in autumn and rises in early winter.

The surrounding area is predominantly paddy fields and marshes with some pastures and get flooded after heavy rains.

District	Baramullah
Coordinates	34° 1′ 14.301″ N, 74° 19′ 45.171″ E
Ownership	Department of Wildlife Protection, J&K
Area	7.62 Sq Km's
Altitude	1,580 m
Rainfall	900 mm
Habitats	Aquatic, Riverine Vegetation, Himalayan Secondary Scrub

Most of the lake is covered with a dense growth of reeds and other emergent vegetation. Domina species include Typha angustata, Phragmites communis, Phalaris arundinancea, sparganium rerectum, Sparganium ramosum, Scirpus Maritimus and Scirpus Triquenter (Kal et al 12980, Kaul 1982). In Open areas there are various floating leaf species such as water lilies Nymphaea stellata and Nymphaea alba, Fringed Water Lily Nymphoides pellata and water Chestnut Trapa Natans (Kaul et al. 1980). The vegetation is rooted in the bottom of shallower areas or on a floating mat of roots and silt.

Hygam Rakh is the largest remaining reed-bed area in the Kashmir Valley and it is of major ornithological importance (Holmes and Parr 1988). It is particularly important for migratory species and marshland breeding species. Hygam provides a vital staging area for many passage migrants (Islam et al. 2004). Since shooting was stopped in 1995-96, there has been a steady increase in the migrant population of waterfowl and other birds at Hygam Rakh.

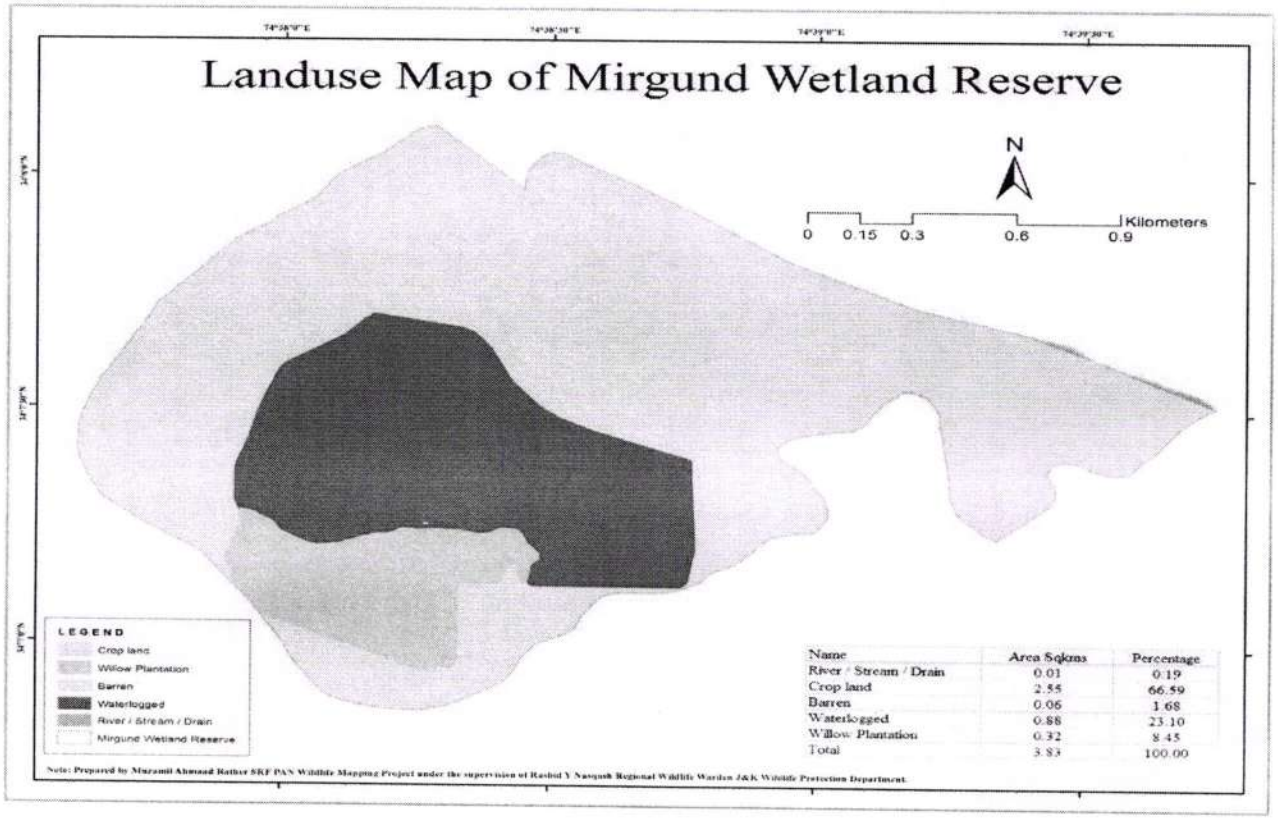


Species	Count
Eurasian Wigeon	64943
Gadwall	79039
Mallard	94009
Northern Pintail	53070
Northern Shoveler	32586
Eurasian Coot	603
Eurasian Teal	71500

Mirgund Wetland Conservation Reserve.

Mirgund is a shallow freshwater lake with associated reed beds and riverine marshes on River Jhelum much of which dries during summer and the considerable fluctuations in water levels according to the local run off, the depth varies between 0.1-0.5 meter, with an area of 4.00 Km. The area was designated a reserve in 1945, Vide Cabinet Order No: 710-C of 1945, Dated: 17-07-1945.

District	Budgam and Srinagar
Coordinates	33° 7′ 21.027″ N, 74° 38′ 19.368″ E
Ownership	State
Area	3.83 Sq Km's
Altitude	1,580 m
Rainfall	550 mm + snowfall
Habitats	Flooded Valley Grassland, Freshwater Swamp, Himalayan Secondary Scrub



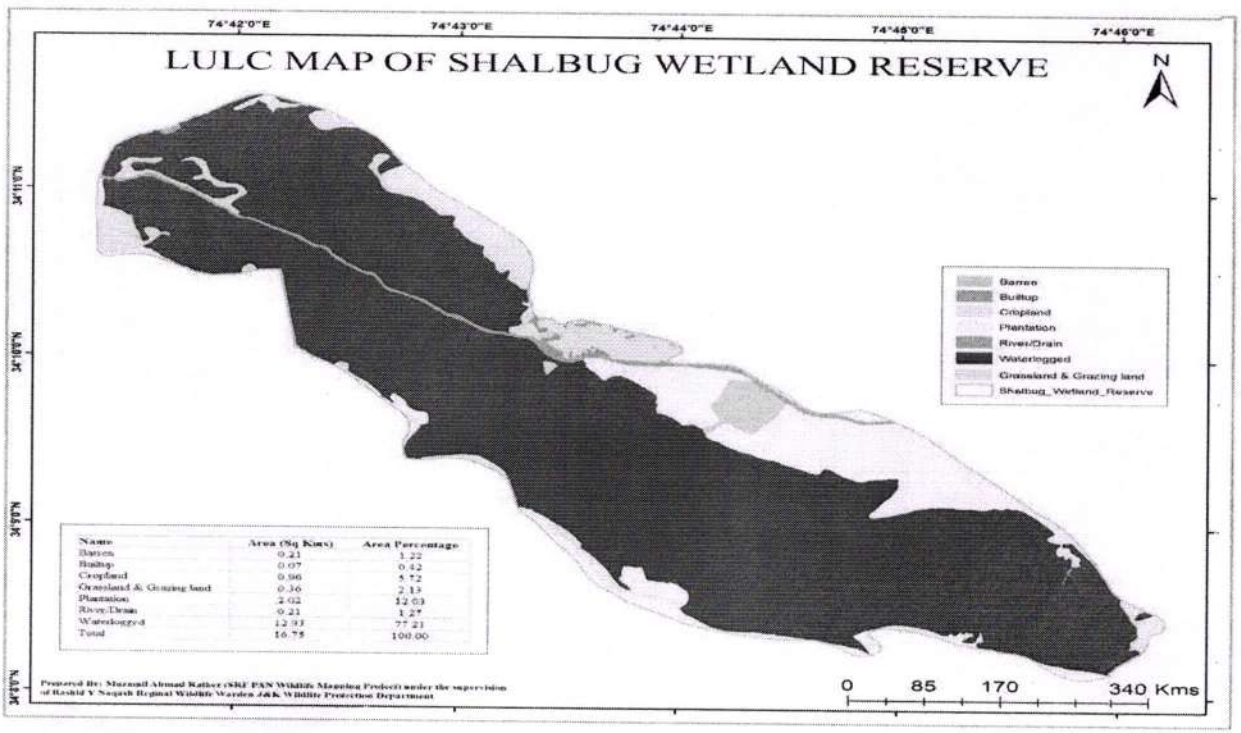
Key Species with Numbers Sighted during 2024 AWC

Species	Count
Eurasian Wigeon	3677
Gadwall	910
Mallard	9322
Northern Pintail	5226
Northern Shoveler	430
Eurasian Teal	12552

Shallabugh Wetland Conservation Reserve (RAMSAR site).

Shalabugh marches lies between Ganderbal and Srinagar Districts in close vicinity of Srinagar Districts in close vicinity of Srinagar town and Anchor Lake.These marches are fed by Sindh river and the local snow melt. The depth of water varies from 0.3-2 meters and the water level fluctuates considerably according to the rainfall and snowmelt. Large areas of the wetland dry up between March. The area has extensive reed bids of Phragmites communis, Typha angustata, and rich grown of Nymphaea candida and Nymphaea stellate on open waters. The side towards Shallabugh Srinagar) is dominated by paddy cultivation. While the side towards Gadoora-Anchar has more of reed beds thereby providing important wintering area for water birds.

District.	Ganderbal and Srinagar
Coordinates	34° 9′ 42.069″ N, 74° 43′ 659″ E
Ownership	Department of Wildlife Protection, J&K
Area	16.75 Sq Km's
Altitude	1,580 m
Rainfall	
Habitats	Freshwater Swamp, Himalayan Secondary Scrub



Species	Count
Eurasian Wigeon	10327
Gadwall	7519
Mallard	17863
Northern Pintail	17737
Northern Shoveler	29879
Eurasian Coot	21805
Eurasian Teal	20858