

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA.**

Original Application No.156/2024/EZ.

**IN THE MATTER OF:**

**NEWS ITEM TITLED "PLASTIC WASTE DEPOSITS IN DOYANG DAM TO ADVERSELY IMPACT HUMANS AND WILDLIFE" APPEARING IN NAGALAND TRIBUNE DATED 02.06.2024.**

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Through

**RESPONDENT NO.4**

*Ren.*  
**K. Rempem Tungoe**  
Advocate



**BEFORE THE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA.**

**ORIGINAL APPLICATION NO.156/2024/EZ.**

**IN THE MATTER OF:**

**NEWS ITEM TITLED "PLASTIC WASTE DEPOSIT IN DPYANG DAM TO ADVERSE Y  
IMPACT HUMAN AND WILD LIFE" APPERING IN NAGALAND TRIBUNE  
DATED 2/6/2024.**

**REPLY ON BEHALF OF DEPUTY COMMISSIONER WOKHA NAGALAND i.e.  
RESPONDENT NO. 4.**

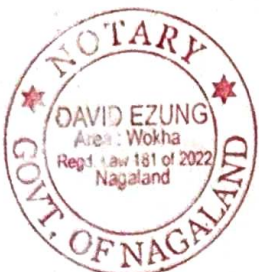
1. That, on received of Letter No. NSDMA/EMGR/RSP/2012(VOL-II)/549, Dated Kohima the 6<sup>th</sup> June 2024 issued by home commissioner, GOVERNMENT of Nagaland, by circular No. WDDMA/GEN/01/2016, dated Wokha the 6<sup>th</sup> June 2024 and emergency meeting was convened on 7<sup>th</sup> June 2024 to examine and undertake specific measures for the prevention and mitigation of environmental hazards caused by the irresponsible disposal of waste in the upstream of Doyang reservoir, NEEPCO.


Copies of the letter NO. NSDMA/EMGR/RSP/2012(VOL-II)/549, DATED Kohima the 6<sup>th</sup> June 2024 and circular No. WDDMA/GEN/01/2016, DATED Wokha the 6<sup>th</sup> June 2024 are hereby annexed and marked as Annexure 1 & 2 respectively.

2. That, subsequently a Clean Doyang Mission was initiated for prevention and mitigation of environmental hazards caused by the irresponsible disposal of solid/plastic waste in the upstream of Doyang Dam Reservoir at Wokha district

Copy of a brief report on Clean Doyang Mission is hereby annexed and marked as ANNEXURE-3.

Regd. No. 1524/24  
Date 06/12/24



  
 DAVID EZUNG  
 Advocate & Notary Public  
 Wokha

3. That, by Order No.WDDMA/GEN/1/2016/676-3, Dated Wokha 7<sup>th</sup> June 2024 an assessment committee/Team has been constituted to take up the task of cleaning and removal of plastic waste at Doyang lake on mission mode within 2-3 days.

Copy of the Order No.WDDMA/GEN/1/2016/676-3, Dated Wokha 7<sup>th</sup> June 2024 is hereby annexed and marked as ANNEXURE- 4.

4. That, by Letter No.WDDMA/GEN/01/2016, Dated Wokha the 7<sup>th</sup> June, 2024 a Preliminary Report on Environmental Hazard caused by solid wastes at Doyang Dam (NEEPCO) was submitted to the Home Commissioner, Government of Nagaland, Kohima, Nagaland.

Copies of Letter No.WDDMA/GEN/01/2016, Dated Wokha the 7<sup>th</sup> June, 2024 and Preliminary Report on Environmental Hazard caused by solid wastes at Doyang Dam (NEEPCO) are hereby annexed and marked herewith as ANNEXURE- 5 & 6 respectively.

5. That, by Order No.WDDMA/GEN/1/2016: Dated Wokha the 07<sup>th</sup> June 2024 an officials in-charge comprising of 3 (three) officials/member has been appointed for prevention and mitigation of environmental hazards on irresponsible disposal of solid waste at Doyang Dam.

Copy of Order No.WDDMA/GEN/1/2016: Dated Wokha the 07<sup>th</sup> June 2024 is hereby annexed and marked as ANNEXURE-7.

6. That, to mitigate waste management, by Letter NO.WDDMA-DR-OPS/40/2024/745, Dated Wokha, the 19<sup>th</sup> August 2024 requested the Head of Plant, DHEP, Doyang for installation of flooding barricade at strategic locations to collect solid/non-biodegradable waste at Doyang reservoir Dam.

Copy of Letter NO.WDDMA-DR-OPS/40/2024/745, Dated Wokha, the 19<sup>th</sup> August 2024 is hereby annexed and marked as ANNEXURE- 8.



7. That, by Letter NO.WDDMA-DR-OPS/40/2024/742-2, Dated Wokha, the 19<sup>th</sup> August 2024 addressed to the Commissioner & Secretary, NSDMA, Home Department, Nagaland, Kohima highlighted the inflow of rivers from various districts like Zunheboto and Kohima.

Copy of Letter NO.WDDMA-DR-OPS/40/2024/742-2, Dated Wokha, the 19<sup>th</sup> August 2024 is hereby annexed and marked as ANNEXURE- 9.

8. That, to mitigate environmental hazards, Information NO.WDDMA-DR-OPS/40/2024/744, Dated Wokha, the 19<sup>th</sup> August 2024 was issued banning and restricting use of Single Use Plastics (SUPs) and non-biodegradable waste to the villages/areas of Doyang Reservoir Dam, Wokha.

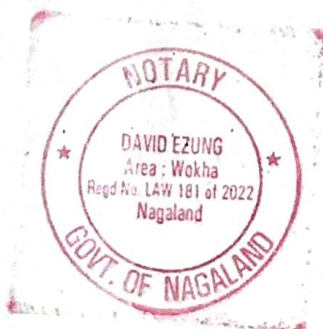
Copy of Information NO.WDDMA-DR-OPS/40/2024/744, Dated Wokha, the 19<sup>th</sup> August 2024 is hereby annexed and marked as ANNEXURE- 10.


9. That, to mitigate the environmental hazards, Letter NO.WDDMA-DR-OPS/40/2024/758-2, Dated Wokha, the 28<sup>th</sup> August 2024 was issued to the Additional Deputy Commissioner, Sanis, Wokha, Nagaland reiterated ban/restrictions on use of Single Use Plastics (SUPs) and non-biodegradable waste and also awareness programme against the use of single use plastic at the adjoining areas of Doyang was also initiated.

Copy of Letter NO.WDDMA+DR-OPS/40/2024/758-2, Dated Wokha, 28<sup>th</sup> August 2024 is hereby annexed and marked as ANNEXURE- 11.

10. That, the answering respondent craves leave of the Hon'ble Tribunal to file additional reply, if required, in future.

11. That, in the light of the above submissions, it is respectfully submitted that the answering respondent shall abide by any order(s) or direction(s) passed by this Hon'ble Tribunal in the instant OA.



  
(VINEET KUMAR) IAS  
Deputy Commissioner  
Wokha, Nagaland.  
Deputy Commissioner  
Wokha, Nagaland

BEFORE THE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA.

ORIGINAL APPLICATION NO.156/2024/EZ.

IN THE MATTER OF:

NEWS ITEM TITLED "PLASTIC WASTE DEPOSITS IN DOYANG DAM TO ADVERSELY IMPACT HUMANS AND WILDLIFE" APPEARING IN NAGALAND TRIBUNE DATED 02.06.2024.

AFFIDAVIT

I, Shri Vineet Kumar (IAS), aged about 39 years, S/o  
R. B. Prasad R/O Wokha  
and presently serving as the Deputy Commissioner Wokha, Nagaland, do hereby solemnly affirm on oath and state as under:

1. That, I am the answering respondent in the OA No. 156/2024/EZ whose office has been arrayed as Respondent No.4 and I am well conversant with the facts and circumstances of the case and as such competent to swear this affidavit.
2. That the accompanying reply may be read part and parcel of the present affidavit as I am competent to swear this affidavit.
3. That the accompanying reply have been drafted and filed under my instructions and authority and the contents thereof are true and correct on the available records and documents and the contents of the same are read over and explained to me and are not repeated herein for the sake of brevity.



*David Ezung*  
DAVID EZUNG  
Advocate & Notary Public  
Wokha

*Shri Vineet Kumar*  
DEPONENT  
Deputy Commissioner  
Wokha, Nagaland

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**VERIFICATION**

Verified at Wokha, Nagaland on this 01 day of September 2024, that the contents of the above affidavit are true and correct to the best of my knowledge, information and belief and no part of it is false and nothing material has been concealed therefrom.

Place: Wokha, Nagaland.

Dated: 01/09/2024

**DEPONENT**  
**Deputy Commissioner**  
**Wokha, Nagaland**



Identified by:-

**SHANJAM T. YANTHAN**  
**ADVOCATE**

GOVERNMENT OF NAGALAND  
HOME DEPARTMENT  
NAGALAND STATE DISASTER MANAGEMENT AUTHORITY  
NAGALAND: KOHIMA

Dated Kohima, the 6<sup>th</sup> June, 2024.

CIRCULAR

NO.NSDMA/EMRG/RSP/2012(VOL-II)/ 549 :: In exercise of the powers under Section 22 (2) (b) (g) & (h) of the Disaster Management Act, 2005, an emergency meeting is being convened on 7<sup>th</sup> June, 2024 at 10:30 AM in the Conference Hall of the Chief Secretary to examine and undertake specific measures for the prevention and mitigation of environmental hazards caused by the irresponsible disposal of solid wastes in the upstream of Doyang Dam Reservoir, NEEPCO.

The AHODs and HODs of the following Departments are informed to attend the meeting positively;

1. The Director General of Police, Nagaland
2. The Principal Chief Conservator of Forest (PCCF), Department of Environment, Forest & Climate Change
3. The Principal Secretary, PHED
4. The Commissioner, Nagaland
5. The Commissioner & Secretary, Urban Development & Municipal Affairs
6. The Secretary, Department of Water Resources
7. The Commandant General, Home Guards, Civil Defence & SDRF
8. The Director, Urban Development & Municipal Affairs
9. The Deputy Commissioner, Wokha (through VC)
10. The HOP, NEEPCO, Doyang (through VC)

*(Signature)*  
(VIKEYIE KENYA) IAS

Home Commissioner to the Govt. of Nagaland  
Dated Kohima, the June, 2024

NO.NSDMA/EMRG/RSP/2012(VOL-II)/  
Copy to:

1. The Principal Secretary to the Hon'ble Chief Minister, Nagaland for kind information.
2. Office Copy.

*(Signature)*  
(VIKEYIE KENYA) IAS

Home Commissioner to the Govt. of Nagaland

GOVERNMENT OF NAGALAND  
OFFICE OF THE DEPUTY COMMISSIONER &  
WOKHA DISTRICT DISASTER MANAGEMENT AUTHORITY  
WOKHA: NAGALAND

WDDMA/GEN/01/2016/

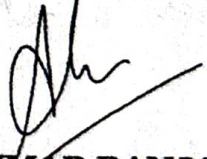
Dated Wokha the 06<sup>th</sup> June 2024**CIRCULAR**

With reference to NSDMA letter No.NSDMA/EMGR/RSP/2012(VOL-II)/549, Dated Kohima the 06<sup>th</sup> June 2024, it is informed that emergency meeting on prevention and mitigation of environmental hazards caused by the irresponsible disposal of solid waste in the upstream of Doyang Dam Reservoir, NEEPCO under Wokha district has been convened on 07<sup>th</sup> June 2024 at 10:30 AM.

Therefore, the following officials are requested to be present by 10:15 AM, 7th June 2024 in the office Chamber of Deputy Commissioner, Wokha to join the meeting by VC positively.

1. Addl. Deputy Commissioner, Sanis
2. EAC, Englan & Chukitong
3. Divisional Forest Officer Wokha/ Doyang Plantation.
4. EE, Water Resource, Wokha
5. Dist. Fishery Officer, Wokha
6. Dist. Tourism Officer, Wokha

Yours faithfully,

  
(AJIT KUMAR RANJAN, IAS)  
Deputy Commissioner &  
Chairman DDMA,  
Wokha : Nagaland

Copy to:-

1. The Head of Plant, NEEPCO, Doyang for kind information
2. Office copy.

# Brief Report On Clean Doyang Mission

(From 7<sup>th</sup> -30<sup>th</sup> June, 2024)

**CLEAN DOYANG MISSION ACCOMPLISHED**



**BEFORE**

**AFTER**

**Submitted by:**

**Clean Doyan Mission Committee,**

**District Disaster Management Authority, Wokha**

### REPORT ON CLEAN DOYANG MISSION

- I) Clean Doyang Mission was initiated by the Deputy Commissioner & Chairman, District Disaster Management Authority, Wokha under the directive of Chief Secretary, Nagaland, on 7<sup>th</sup> of June 2024 for prevention and mitigation of environmental hazards caused by the irresponsible disposal of solid / plastic waste in the upstream of Doyang Dam reservoir at Wokha district.
- II) The following members were constituted for taking up the task of cleaning and removal of plastic waste at Doyang on a mission mode with “Clean Doyang Mission”:
1. Shri P. Pukha Lam, EAC Aitepyong (*Area / Incident Commander*)
  2. Shri. Jonjibemo Odyuo, Nodal officer, DDMA Wokha (*Operation Chief & PRO*)
  3. Er. Benrio Kithan, EE (WRD), Wokha (*Logistic Chief*)
  4. Shri. Echung Konyak S, Company Commander, SDRF Wokha
  5. Shri. Orenthung Odyuo, DGM (C) NEEPCO Doyang, Wokha
  6. Representative from District Tourism Officer, Wokha
  7. Representative from Divisional Forest Officer, Wokha
  8. Representative from District Fishery Officer, Wokha
- III) On the 7<sup>th</sup> of June 2024, the team went for On-the-Spot assessment which is 17 km away from the main Doyang Bridge with the following tasks:
1. Assess the spots of solid waste pollution by physically visiting them,
  2. Assess the amount of waste ,
  3. Assess the resources required for cleaning on immediate basis,
  4. Assess the machinery required, and
  5. Assess the place where the cleaned-up waste can be collected and then the disposal.



IV) The following findings were submitted by the Clean Doyang Mission verification team as given below:

1. Spot verification done on 7th June 2024
2. Amount of waste approximately 20-25 truck loads
3. Resources required
4. Machinery required- 1JCB and 1 dumper truck
5. For waste collection, a temporary collection point (TCP) to be constructed on the river bank and fenced with agro-net.
6. Manpower required for the cleanup. Discussion for community participation did not yield any fruitful outcome.
7. It was discussed that all to reach the site (near My Resort) at 7:00 AM, 8th July.
8. Discussed options available for cleaning up the waste:
  - i. Initial removal of wood debris by pulling.
  - ii. Removal of plastic waste with the help of bamboo as scooping tool.
  - iii. Using machineries for collected debris.



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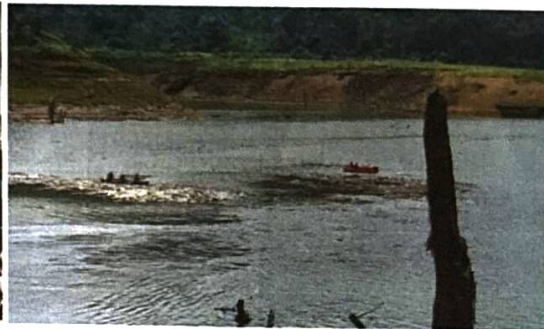


V) CDM Day-2 (08/06/2024): Due to unfavorable condition of the landscape like presence of deep water bodies and loose land masses in the river bank, the only available excavator could not be deployed for removal of the waste from the river. Therefore, manual cleaning of plastics / waste materials by making bamboo bridges in the river and also deploying fishermen with their boats and SDRF motor boats was started on 8<sup>th</sup> June 2024 which was found to be the most effective strategy.





**VI) CDM Day-3 to 5 (10-12/06/2024):** On the 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> June 2024, fishermen and other volunteers were engaged along with SDRF and NAP personnel for cleaning up the plastic waste debris. Due to the risk factors involved such as presence of log and wood debris, loose sand, circulation of strong water current in the area and unhygienic conditions, only the trained personnel from SDRF and local fishermen could be deployed to the main waste accumulated area. The rest of the volunteers from different organizations, NGO's were deployed to carry the collected waste from the river bank to the Temporary Collection Point and to segregate the waste into different compartments. The picking and collection of plastic waste for Clean Doyang Mission was successfully completed by Day-5 i.e. 12<sup>th</sup> June, 2024.



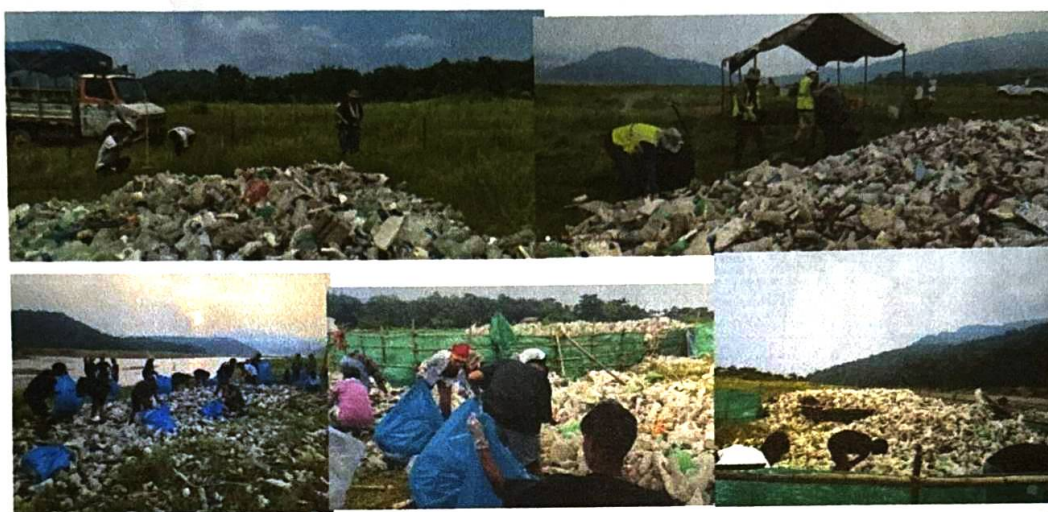
VII) The total number of persons involved in Clean Doyang Mission starting from 7<sup>th</sup> June 2024 to 12<sup>th</sup> June 2024 is given below:

1. SDRF Wokha	- 25 personnel X 5 days = 125 heads
2. 5 <sup>th</sup> NAP Bhandari	- 85 heads
3. Fishermen	- 121 heads
4. <u>Volunteers</u>	- <u>211 heads</u>
<b>TOTAL</b>	<b>- 542 heads</b>

The different organizations and NGO's who came for the cause of Clean Doyang Mission are mentioned below:

1. Pangti Village Councils
2. Team Better Dimapur
3. Natural Nagas
4. Bharat Scouts and Guides, Wokha
5. JNVC Alumni

6. ECO Warriors
7. Lotha Students' Union
8. Rengma Students' Union
9. Englan Range Students' Union
10. Pangti Village Students' Union
11. Old Changsu Students Union
12. Thillong Students Union
13. Aree Students Union
14. Fishermen community
15. Suyen Pangti
16. 5<sup>th</sup> NAP Bhandari
17. SDRF Wokha
18. NEEPCO employees
19. Individuals from different Villages and organization.



**VIII) Mode of disposal:** Due to the unavailability of Machineries such as shredding /baling machines at Doyang area, the huge amount of waste could not be transported immediately to the nearest recycling site like Merapani/ Gholaghat as it involved a lot of expenditure in transportation amounting to more than Rs 3 Lakhs (approx. estimation). After thorough deliberation and assessment, the leaders of the team located a person who was willing to help in disposal of the waste at the recycling site in Merapani. The disposal of waste from the temporary collection point at Doyang started on 24<sup>th</sup> of June 2024 and scheduled to be completed by 30<sup>th</sup> June 2024.

**IX) Reason for accomplishment of Clean Doyang Mission:**

- 1) The operation usually starts from 5am till 6pm and the weather condition was pleasant on Day-5 i.e. 12<sup>th</sup> June, 2024, unlike the other days where all the team needs to take rest during the scorching noon hours.
- 2) There was more fisherman volunteers and volunteers from various organisations as may be seen at Para VII above. On Day 5, volunteers from Natural Nagas, Bharat Scout & Guides, Lotha Students Union, Rengma Students Union, Pangti VSU, fisherman, other organization and individual volunteers.
- 3) The Incident Response System was followed, Standard Operating Procedures for the Clean Doyang Mission was in place and so all those new manpower which were added knew their responsibilities and the work was carried out effectively without any miscommunication amongst the teams.
- 4) The Clean Doyang Mission Team along with the response unit leaders use to have review meeting during lunch break and after the completion of the works every day. Plans are being modified and strengthen as per the feedback. Thus, the better understanding and well coordination amongst the members helped in smooth execution.

**X) Observations:**

- 1) As per the drone survey, there were scattered pieces of plastic waste lying on the bank of the water masses elsewhere too. However, a huge amount of plastic waste concentration found in the operated site was not located in other peripheries of Doyang Dam.
- 2) The large accumulation of plastic waste near Shitio's Camp site at Pangti area could be credited due to the confluence of running water current from upstream and water waves from the Dam site causing an eddy in the middle of the water body, resulting to confinement of all the plastic waste within the area.
- 3) The presence of log/wood debris and the water level being at its lowest have also contributed to trapping of the floating waste materials.
- 4) It is learnt that the accumulation of solid waste started since the commission of the project in the year 2000, and is a continuous annual recurrence.
- 5) There is lack of solid waste management within the residence of the surrounding villages and no rag pickers or recycling processing units were found.

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- 6) The waste materials can be identified as domestic waste or recreational waste (picnicker, hunters, fisherman, etc) from the surroundings of Doyang Dam and upstream catchment areas including Kohima and Zunheboto Districts.

**XI) Challenges:** Some of the challenges faced during the operation of Clean Doyang Mission are given as below:

- 1) The operation was carried out with no trained/experienced officers/personnel relating to the mission. Therefore, there was a confusion in the beginning and different methods/techniques had to be tried and tested.
- 2) The weather condition was very hot and humid which slowed down the operation till Day-4.
- 3) The water was too contaminated and foul smell was there that responders had to be changed with several intervals.
- 4) There was a strong water current in the middle of the river which was inaccessible and risky for the responders.
- 5) There was no rag pickers available nearby for disposal of the plastic waste materials for recycle.

**XII) Suggestions/Recommendations:**

- 1) There should be a complete ban of plastic materials usage and strict regulation needs to be implemented by the concerned Government departments/ agencies.
- 2) Random disposal of plastic waste and non-biodegradable waste into the stream/river or drainage should be discouraged.
- 3) More awareness needs to be sensitized to the general public on waste management and disposal especially non-degradable waste.
- 4) A flooding barricades may be installed in different location along the rivers considering the catchment areas, most preferably near a bridge where it is accessible, for halting floating plastic waste and collection thereby.
- 5) There is a need for recycle collected waste points with shredding /baling machines with enhanced power connection for handling and packaging to transport to recycling plant.

## XIII) Media Coverages:

## Mission to get rid of plastic waste at Doyang reservoir commenced



Area team constituted the Deputy Commissioner, Wokha are seen removing plastic wastes accumulated at the Doyang reservoir on June 8. (Morning Photo)

### Morning Express News Wokha | June 8

An Area Team constituted by Deputy Commissioner, Wokha Ajit Kumar Ranjan from the departments of DDMA, Divisional Forest Department, Fishery Department, Water Resource, NEPCO and EAC commenced their task of cleaning and removal of plastic waste accumulated at Doyang reservoir on June 8.

After a day's work, a meeting was conducted at Doyang among the stakeholders, village council chairmen and representatives from various villages along with Deputy Commissioner of Wokha, Ajit Kumar Ranjan and Wokha SP.

During the meeting, Ranjan underscored the importance of the Action Plan Mission to clean the Doyang reservoir as a significant social endeavour. Encouraging the local community, he urged them to heighten awareness regarding waste

management. While recognising the hurdles of the mission, he provided reassurance that the department is fully dedicated to its success and urged the villagers to aid in crafting an action plan and engage fervently in the cleanliness campaign, offering support and assistance in any capacity possible.

He also informed that the cleanup process would continue for two to three days, stating it as a short-term measure while long-range strategies are being devised. Emphasising the significance of safeguarding the Doyang reservoir, he acknowledged it as one of Nagaland's valuable assets and urged the community to shoulder the responsibility for its upkeep.

While responding to concerns regarding NEPCO's jurisdiction over the area and its obligation to handle cleaning duties, he clarified that while NEPCO generates power, the local community get significant

benefits from the river. Consequently, he advocated for a collective sense of ownership and concerted efforts towards the village's enhancement.

L. Jonjibemo Odyou of DDMA Wokha underscored that this initiative 'Clean Doyang Mission' is initiated to come up with strategies to clean the accumulated waste at Doyang. He also outlined the plans and strategies to tackle the issue, with a commitment to adjust them if necessary. Odyou also appealed for support and cooperation from local communities.

Chairpersons and representatives from various villages in the area, present at the meeting, expressed gratitude to the district administration, relevant departments, and stakeholders for initiating efforts to clean up the accumulated waste at Doyang. They also stated that they will extend their support in any way possible during this cleanliness mission.

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## Clean Doyang Mission volunteers continue task



On Monday, the volunteers helped in segregation of waste materials.

Morning Express News

Wokha | June 10

The mission to clean the waste accumulated at Doyang River by Doyang Clean Mission Warriors, the task persisted as planned. Advisor of Agriculture and Chairman of DPDB

Wokha, Mhathung Yanthan paid a visit to the site accompanied by the members of Wokha DPDB on June 10.

He engaged with the team members of Clean Doyang Mission and interacted with them. Advisor Mhathung Yanthan also donated to show support to

the working team. Additionally, he commended the efforts of all Clean Doyang Mission warriors and urged the local community to participate voluntarily.

Moreover, the Divisional Forest Officer (Forest) also donated to the cause as a gesture of appreciation towards the team.

The warriors of Clean Doyang Mission expressed their gratitude to MLA Mhathung and the Divisional Forest Officer for their support, which uplifted their morale. They anticipate and hope for increased community participation in the mission tomorrow.

## Various agencies, volunteers join 'Clean Doyang Mission'

Correspondent

**WOKHA, JUN 11 (NPN):** On the fourth day of the 'Clean Doyang Mission' on Tuesday, various agencies, including the administration, North Eastern Electric Power Corporation Ltd (NEEPCO), Central Industrial Security Force (CISF), Wokha District Disaster Management Authority (DDMA), 7 Nagaland Armed Police (NAP), Home Guard and Civil Defence, State Disaster Response Force (SDRF), Water Resources Department, Wokha Forest Division, Team Eco Warrior, Team Better Dimaapur, and Lotha Students' Union and various unions from across Wokha district, fishermen's union from local villages united to clear the accumulated debris from Doyang river.

Addressing the media, NEEPCO's head of project John Zeliang acknowledged that waste accumulation in the river was an annual issue. He emphasized a permanent solution such as sensitising the catchment areas, as waste accumulated from across the state.

He said the current efforts were focused on cleaning before the monsoon as, with the heavy downpour, the location of the debris could change, adding that they were focusing on cleaning the floating debris to the main reservoir.

EAC Sangro and area commander of the Clean Doyang Mission highlighted the challenges faced by workers, including high



Volunteers and officials from various agencies, departments and unions clear the accumulated debris from Doyang river on Tuesday.

humidity and life-threatening conditions in the river. Despite the difficulties, he remained optimistic about clearing the debris in a few days and called for public support and volunteers.

Wokha DCMA nodal officer, who also serves as PRO and operational chief for the mission, extended heartfelt gratitude to Agriculture advisor Mhathung Yanthan and Wokha's divisional forest officer Suman WS Sivchar for their support.

He revealed that various methods were being used to collect waste, though manual cleaning was proving to be the most feasible. He said the SDRF was handling debris collection in the river, while 7 NAP personnel were transporting the collected debris

to a collection site, with the volunteers segregating plastic waste.

He mentioned that fishermen were gathering debris from the middle of the river and its banks, with the SDRF personnel collecting the waste with their boats. He disclosed that approximately 50% of the task was completed, though additional manpower was required.

Visiting the site, Wokha SDO (Civil) Naku Tsunyi appreciated the ongoing efforts to clear the debris, stressing maintenance of a clean environment.

Representatives from the Home Guard and Civil Defence, Wokha unit stated that they had been stationed at Doyang for the past three days. Due to a manpower shortage, they

said they were exploring mechanical methods such as using ropes to transport the waste.

He mentioned that the team worked from 5 am, taking break only during the scorching afternoon, and continued the work until 6 pm. The department has 23 workers, led by platoon commander sub-inspector Pisco Lotha.

Philo Yantha, president of the Fishermen's Union that represent over 200 fishermen, said fishing was their livelihood, but with their boats now sunk and nets destroyed, he urged the government to provide new fishing gear.

The waste collected is being segregated into disposable and non-disposable, and the mission will resume on Wednesday.

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Chak

# Clean Doyang Mission successfully completed



After 5 days, Clean Doyang Mission successfully accomplished its operation on June 5. (Mizang Photo)

### Mizang Express News

Wokha | June 12

The Clean Doyang Mission concluded today with remarkable success, as participants from various departments and organizations came together to tackle the persistent issue of plastic pollution around the Doyang River reservoir.

The fifth and final day of the event witnessed a surge in participation from numerous fishermen volunteers, individuals and support from organizations such as Natural Naga, Bharat Scout & Guides, Lotha Students Union, Reungma Students Union, Pangti Student's

Union, leading to successful completion of the mission.

EDMO and PRO of the Clean Doyang Mission, L. Joushems Odyou revealed that a particular area where debris had accumulated remained unaddressed due to the convergence of water flow from above and waves from the opposite side, presenting a significant challenge. He emphasized the strength of the current in that area, posing a risk to the safety of volunteers. Additionally, Odyou noted that the debris was not stationary due to the waves, and the available resources, such as boats could not tackle the challenge. However, he

stated that with the onset of monsoon, the debris would be carried away by the water's flow.

Later, Deputy Commissioner of Wokha, Aji Kumar Ranjan addressed the press at his office, commending the successful completion of the mission. He highlighted the primary objective of the mission, which was to tackle the issue of plastic waste accumulation at the mouth of the Doyang River.

He also explained that an area task force, led by EAC Surajo, was formed to assess manpower, machinery, and logistical needs.

He also conveyed his gratitude to Chairman

DFPD Wokha and Advisor for Agriculture, Mhathung Yachlan, for personally visiting the area and encouraging the team for the successful completion of the clean Doyang mission.

He also extended his appreciation to all the teams and volunteers involved in the mission, notably Pangti and Lhalang villages, as well as the neighbouring villages of Doyang. He also acknowledged the participations of Reungma Range Student's Union (RERSU), and Lotha Student's Union, along with NGOs from outside the district such as Team Peter Dimapur and Eco Warriors Nagaland. Additionally, he thanked the personnel from 7th NAR, DEE, and SDHF for their crucial roles in the mission's success.

He also highlighted that the waste segregation was conducted on-site for further processing at respective centres. He mentioned ongoing discussions with the State Government to address such issues and prevent future occurrences.

Furthermore, he appealed to the general public of Doyang and neighbouring villages to collaborate on waste management resolutions to maintain a plastic-free catchment area and enhance the cleanliness and beauty of Doyang.

## AICC Minority dent hails Nagaland | Chakhesan

**GOVERNMENT OF NAGALAND**  
**OFFICE OF THE DEPUTY COMMISSIONER &**  
**WOKHA DISTRICT DISASTER MANAGEMENT AUTHORITY**  
**WOKHA: NAGALAND**

No. WDDMA/GEN/1/2016 / 676-3

Dated Wokha 7<sup>th</sup> June 2024

**ORDER**

In pursuance of NSDMA letter, No. NSDMA/EMGR/RSP/2012(VOL-II)549, Dated Kohima the 06<sup>th</sup> June 2024, regarding Prevention and Mitigation of environmental hazards caused by the irresponsible disposal of solid waste in the upstream of Doyang Dam Reservoir, NEEPCO under Wokha District. Therefore, the following Area Team of Officers is constituted for taking up the task of cleaning and removal of plastic waste at Doyang lake on mission mode within 2-3 days.

Sl No.	Assessment committee/Team
1	EAC, Sungro
2	Nodal Officer, DDMA Wokha
3	District Tourism Officer
4	EE, Water resources
5	Divisional Forest Officer, Representative - Shri. Lansothung/Elithung, ACF
6	District commandant, SDRF Wokha
7	Shri. Orenthung Odyuo DGM (c) NEEPCO, Doyang
8	District Fishery Officer

The above committee shall complete the assigned task by today and based on the action plan the execution shall begin on 8<sup>th</sup> June 2024 and to be completed within 2-3 days. The task of Committee Team is as follows.

1. Assess the spots of solid waste pollution by physically visiting them.
2. Assess the amount of waste
3. Assess the resources required for cleaning on immediate basis
4. Assess the machinery required
5. Assess the place where the cleaned up waste can be collected and then the disposal mechanism
6. Submission of Action Plan

Yours faithfully,



**(AJIT KUMAR RANJAN) IAS**  
 Deputy Commissioner & Chairman, DDMA  
 Wokha: Nagaland

Dated Wokha 7<sup>th</sup> June 2024

No. WDDMA/GEN/1/2016

Copy to:-

1. The Commissioner & Secretary, Nagaland State Disaster Management Authority, Nagaland, Kohima for information.
2. To all concerned members for kind information and necessary action please
3. Office copy

Deputy Commissioner & Chairman, DDMA  
 Wokha: Nagaland

GOVERNMENT OF NA..  
OFFICE OF THE DEPUTY COMMISSIONER  
WOKHA:: NAGALAND

No.WDDMA/GEN/01/2016

Dated Wokha the 7th June, 2024

To,

Home Commissioner  
Government of Nagaland  
Kohima: Nagaland

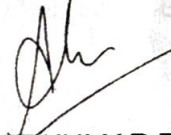
**Subject: Submission of Preliminary Report on Environmental Hazard caused by solid wastes at Doyang Dam (NEEPCO)**

Sir,

With reference to your letter no. NSDMA/EMRG/RSP/2012 (VOL-II) dated 6th June 2024, please find enclosed herewith the preliminary report on the environmental hazards caused by solid wastes at the Doyang Dam (NEEPCO) prepared in consultation with the HOP, NEEPCO.

This is for your kind information please.

Yours faithfully



(AJIT KUMAR RANJAN) IAS  
Deputy Commissioner  
Wokha, Nagaland

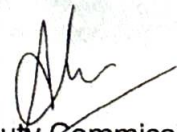
**(Enclosed: as above)**

No.WDDMA/GEN/01/2016

Dated Wokha the 7th June, 2024

**Copy to:**

1. Deputy Secretary to the Chief Secretary, Government of Nagaland
2. Office Copy



Deputy Commissioner  
Wokha, Nagaland

## Preliminary Report on Environmental Hazard caused by solid wastes at Doyang Dam (NEEPCO)

1. Reports have been received regarding the floating solid wastes comprising mostly of plastics such as water bottles that have accumulated and piled up at the banks of Doyang Dam lake. The areas most affected are banks below the villages of Pangti, Aree old, New Changsu and Old Changsu. These areas are about 5.5 kms (by waterway) and 4.5 kms (by aerial route) away upstream from the Dam site.

2. **Causes:** The source of such solid waste is in the upstream areas of the Doyang river bed which passes through the districts of Kohima and Zunheboto before entering Wokha. These wastes have likely origins in the urban/rural solid wastes, picnics goers/tourists etc. During the onset of monsoon, wastes lying in the riverbed/watershed that have accumulated during the dry season is washed down the river and leads to deposition at the Doyang dam lake.

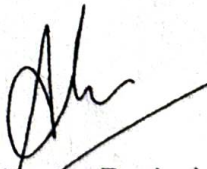
2.1. It is reported that the deposition seen is unusually high this year.

3. **Impact:** The solid wastes deposition at Doyang Dam damages the boats and fishing nets of the fishermen, harms the aquatic life/ecology and degrades the aesthetics of the tourist sites at Doyang Dam lake. This adversely affects the livelihood particularly in the fishery and tourism sector.

3.1. The operation of Doyang Dam however is unaffected by the wastes. The NEEPCO carries out regular cleaning/weeding exercises limited to the dam site.

4. **Solutions:** Multi-pronged approach may help in mitigating the plastic accumulation problem in the lake. The source reduction can be achieved by improved solid waste management practices such as at source collection, segregation and disposal in the upstream habitations.

4.1. Besides, the removal of plastic waste and cleaning of the dam lake can be done by use of technology and installation of suitable trapping systems. Alternatively model implemented at Umiam Lake by Meghalaya government using the AI powered boat that can operate remotely and charges through solar power can also be utilised for cleaning of lake<sup>1</sup>.

  
(Ajit Kumar Ranjan) IAS  
Deputy Commissioner  
Wokha: Nagaland

<sup>1</sup> <https://government.economictimes.indiatimes.com/news/governance/meghalaya-uses-ai-enabled-tech-to-clean-up-tourist-hotspot-umiam-lake/103320068#:~:text=3%20min%20read-,Meghalaya%20uses%20AI%20enabled%20tech%20to%20clean%20up%20tourist%20hotspot,boating%20in%20hill%20town%20Shillong.>

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Preliminary report on the environmental Hazards caused by solid wastes at Doyang Dam (NEEPCO)

Ref: Letter of Home Commissioner, Govt of Nagaland vide No.NSDMA/EMRG/RSP/ 2012(Vol-II)/550 dtd Kohima 6/6/2024.

In pursuance to the above mentioned letter on the subject cited, this preliminary report is being submitted as given below.

Findings:

1. The approximate location area is indicated in the attached google image.
2. Approximate location: 26°12'46.4"N 94°18'15.6"E
3. The present location is about 5 ½ km from the Doyang Dam by water way and 4 ½ km by aerial distance in the upstream of the dam.
4. Reportedly most of the floating waste are plastic items such as water bottles, etc and floating wood.
5. It is reported that these were wash down during the recent heavy rain in the month of May 2024 from the drainages of the catchment areas.

Past Experiences and Expectation:

6. From the past experiences, it may be stated that if there is less inflow of water to the reservoir from the catchment areas then most of these floating debris may not reach the dam.
7. However, if the inflow is heavy during the monsoon season, the spillway gates may have to be open to release the excess water and surface flow velocity of water could increase and the debris will reach the dam.
8. The debris at dam will eventually either rest on the slope of dam body, which are periodically removed, or exit through the spillway to the downstream of the dam.
9. The intake to the power house is equipped with trash rack which prevent certain size of floating debris to enter.

Mitigation:

10. It is high necessary to sensitise the populace in the catchment areas of drainages to properly dispose such items.
11. In the present case it is more efficient to locate the gathered debris wherever it may be, collect it before it gets dispersed and dispose it properly.
12. To the best of our knowledge there is no registered/certified boat/ boat operator in the Doyang reservoir.

-----END-----

Date: 06/6/2004



ED(Tech)/HoPS,  
Doyang Hydro Power Station: NEEPCO  
Doyang, Wokha, Nagaland

GOVERNMENT OF NAGALAND  
OFFICE OF THE DEPUTY COMMISSIONER &  
WOKHA DISTRICT DISASTER MANAGEMENT AUTHORITY  
WOKHA: NAGALAND

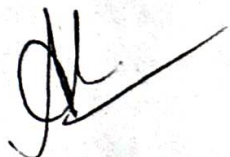
**ORDER**

Dated Wokha the 07<sup>th</sup> June 2024

No. WDDMA/GEN/1/2016: : In exercise of powers conferred under Sec. 33 and Sec. 34 (d) of the Disaster Management Act, 2005. I Shri. Ajit Kumar Ranjan, IAS Deputy Commissioner & Chairman DDMA, Wokha hereby appoint the following officials in-charge of prevention and mitigation of environmental hazards on irresponsible disposal of solid waste at Doyang Dam.

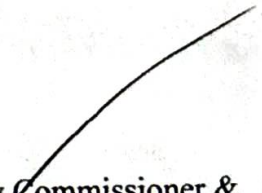
Sl.no	Name	Contact no.
1.	Shri. Pukha Lam EAC Aitepyong (Area/ Incident Commander)	7085657588
2.	Shri. Jonjibemo Odyuo Nodal Officer DDMA Wokha (Operation Chief & PRO)	8258896057/ 9366695518
3.	Er. Benrio Kithan EE, Water Rersource (Logistic Chief)	9612561350

This order comes into force with immediate effect.

  
(AJIT KUMAR RANJAN), IAS  
Deputy Commissioner &  
Chairman DDMA  
Wokha

Copy to:-

1. The Home Commissioner, Kohima Nagaland for kind information.
2. The Commissioner & Secretary, NSDMA for kind information.
3. All concerned for kind information & necessary action.
4. Office copy.

  
Deputy Commissioner &  
Chairman DDMA  
Wokha

GOVERNMENT OF NAGALAND  
OFFICE OF THE DEPUTY COMMISSIONER  
DISTRICT DISASTER MANAGEMENT,  
WOKHA: NAGALAND

ANNEXURE - 8

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NO.WDDMA-DR-OPS/40/2024 / 745

Dated Wokha, the 19<sup>th</sup> August 2024.

To,

The Head of Plant,  
DHEP, Doyang  
Wokha, Nagaland.

Sub: INSTALLATION OF FLOODING BARRICADES AT DOYANG DAM.

Sir,

With reference to the subject cited above, I am to inform you that as per the suggestion and recommendation from Clean Doyang Mission (CDM) it is requested to kindly look into the possibility of installing flooding barricade at strategic locations to collect solid / non-biodegradable waste which may accumulate at Doyang reservoir Dam to prevent the environmental hazards. A report in this regard may be submitted please.

This is for your kind information and further necessary action.

Enclosed: As stated.

Yours faithfully,



(VINEET KUMAR) IAS  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

NO.WDDMA-DR-OPS/40/2024

Dated Wokha, the 19<sup>th</sup> August 2024.

Copy to:

1. The Commissioner & Secretary, NSDMA, Kohima for kind information.
2. The Nodal Officer, DDMA Wokha for information.
3. Office copy.

(VINEET KUMAR) IAS  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

ANNEXURE - 9

(82)

**GOVERNMENT OF NAGALAND  
OFFICE OF THE DEPUTY COMMISSIONER &  
DISTRICT DISASTER MANAGEMENT AUTHORITY  
WOKHA: NAGALAND**

NO.WDDMA-DR-OPS/40/2024 / 742-2

Dated Wokha, the 19<sup>th</sup> August 2024.

To,

The Commissioner & Secretary.  
Nagaland State Disaster Management Authority,  
Home Department  
Nagaland: Kohima

Sub: **PREVENTIVE MEASURES FOR ENVIRONMENTAL HAZARDS AT DOYANG RIVER WOKHA.**

Sir,

With reference to the subject cited above, I have the honour to inform you that Clean Doyang Mission (CDM) was launched by DDMA Wokha, as per directive of Chief Secretary, Nagaland for prevention of environmental hazard caused by irresponsible disposal of solid plastic waste this year in June. In this regard it is highlighted that Doyang Lake receives water from rivers flowing through various districts like Zunheboto and Kohima. These rivers also bring solid and plastic wastes along with water.

Therefore, you are requested to take up the issue at appropriate level to address the issue comprehensively. The report of Clean Doyang Mission and activities taken at Wokha district is attached for reference.

This is for your kind information and further necessary action.

Enclosed: As stated.

Yours faithfully,



**(VINEET KUMAR) IAS**  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

Dated Wokha, the 19<sup>th</sup> August 2024.

NO.WDDMA-DR-OPS/40/2024

Copy to:

- 1. The Nodal Officer, DDMA Wokha for information.
- 2. Office copy.

**(VINEET KUMAR) IAS**  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

GOVERNMENT OF NAGALAND  
OFFICE OF DEPUTY COMMISSIONER &  
DISTRICT DISASTER MANAGEMENT AUTHORITY  
WOKHA: NAGALAND

NO.WDDMA-DR-OPS/40/2024 / 744

Dated Wokha, the 19<sup>th</sup> August 2024.

**INFORMATION**

This is to inform the villages and adjoining areas within Doyang Reservoir Dam, Wokha that there is a total ban or restriction on use of Single Use Plastics (SUPs) and non-biodegradable waste is in place for protection of environment.

In this regard, all the VCC/VDMA are informed to strictly adhere to the rules and spread awareness on use of Single Use Plastics (SUPs) waste management and disposal of non-degradable waste to the general public.

This is for your kind information and further necessary action.



**(VINEET KUMAR) IAS**  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

Dated Wokha, the 19<sup>th</sup> August 2024.

NO.WDDMA-DR-OPS/40/2024

Copy to:

1. The Commissioner & Secretary, NSDMA, Kohima for kind information.
2. The Nodal Officer, DDMA Wokha for information.
3. The VCC/VDMA..... for information and necessary action.
4. Office copy.

**(VINEET KUMAR) IAS**  
Deputy Commissioner &  
Chairman, DDMA  
Wokha: Nagaland.

GOVERNMENT OF NAG  
OFFICE OF THE DEPUTY COMMISSIONER  
WOKHA : NAGALAND.

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ANNEXURE 5/11

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Annex - IX

NO.WDDMA-DR-OPS/40/2024/ 758-2

Dated Wokha the 28<sup>th</sup> August 2024.

To,

The Additional Deputy Commissioner  
Sanis : Wokha

SUB : CONDUCT OF AWARENESS PROGRAMME AGAINST USE OF PLASTIC  
SINGLE USE PLASTICS

Sir,

With reference to the above cited subject, it is to reiterate on the total ban/ restriction on use of Single Use Plastics (SUPs) and non- biodegradable substances for protection of environment. An information circular issued in this regard is enclosed herewith for your reference.

Keeping in mind the recent exercise of cleaning plastic waste at Doyang and as a mitigative measure against occurrence of the same, you are requested to kindly conduct an awareness program at the adjoining area of Doyang preferably at Sungro or Pangti or nearby Village. Kindly conduct the same within 1 (one) week from the date of issue of this letter, following which action taken report may be sent urgently.

This is for your information and necessary action, please.

Enclosed : As stated.

Yours faithfully,



( VINEET KUMAR ) IAS  
Deputy Commissioner  
Wokha : Nagaland

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