

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

ORIGINAL APPLICATION NO. 727/2024

IN THE MATTER OF

In Re:- News Item Titled "Endangered Gangetic Dolphin found in most tributaries of Ganges prompting urgent conservation".

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Respondent

Through



Gigi C. George Advocate

Standing Counsel (UOI)

Ch. No. 457, Lawyers Block,

DHC, New Delhi

Gigicgeorge.adv42@yahoo.in

M-9810625315

Date: 16.01.2025

Place: New Delhi



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

O.A. NO. 727/2024

IN THE MATTER OF: -

In Re: - News Item Titled "Endangered Gangetic Dolphin found in most tributaries of Ganges prompting urgent conservation".

REPLY BY WAY OF AFFIDAVIT ON BEHALF OF WILD LIFE INSTITUTE OF INDIA

That I, Shri Virendra R. Tiwari, IFS aged about 59 years presently working as Director in the Wildlife Institute of India, Dehradun, having office at Chandrabani, Dehradun do hereby solemnly affirm and declare as under: -

1. That the deponent is working as Director, Wildlife Institute of India (WII), Dehradun and well conversant with facts of the case and as such competent to swear the present affidavit, on behalf of the WII.
2. That this reply affidavit is being filed in compliance of the direction given by this Hon'ble Tribunal by order dt.04.07.24 in the above mentioned matter. The present original application pertains to News Item titled "Endangered Gangetic dolphins found in most tributaries of Ganga prompting urgent conservation" appearing in Mongabay- India.



V. Tiwari

3. That the respondent No. 1 in compliance with the order of this Hon'ble Tribunal received via email dated 02 August 2024 which is annexed as **Annexure-I** has submitted the response through email on 06.09.2024. The copy of the said reply/response is annexed as **Annexure-II**.
4. That the respondent No. 1 in compliance of the notice dated 16.11.2024 of this Hon'ble Tribunal is submitting the reply affidavit.
5. That in the above context, it is submitted by the DWII that at present three projects are being implemented at WII funded by the Ministry of Environment, Forest and Climate Change (MoEFCC), National Mission for Clean Ganga (NMCG), Ministry of Jal Shakti (MoJS). The projects are
 - (i) Development of the Conservation Action Plan for Gangetic dolphins (CAMPA – Dolphin)
 - (ii) The Range-wide Estimation of River Dolphins is funded by MoEFCC
 - (iii) Planning and Management for Aquatic Species Conservation and Maintenance of Ecosystem Services in the Ganga River Basin for a Clean Ganga is funded by NMCG, MoJS.Both the projects funded by MoEFCC focuses on conservation of River dolphins, while the NMCG funded project is comprehensive projects aim to develop science-based aquatic species conservation and maintenance of ecosystem services, capacity building and to develop community-based aquatic species conservation and outreach programmes for Ganga River basin.
6. That the Government of India after declaration of Project dolphin, initiated several actions which includes funding of research for better understanding of



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current status of River dolphins. Among these initiatives are two major projects funded through the Compensatory Afforestation Management and Planning Authority (CAMPA) under the Ministry of Environment, Forest and Climate Change (MoEFCC):

- a. The first project, which began in 2016 aims to establish a comprehensive conservation strategy for the Ganges River dolphin. This project has developed a robust scientific methodology for estimating dolphin populations, identifying and addressing threats to these populations, and reinforcing critical conservation areas. Key activities included assessment of the status of the Gangetic dolphin and associated river fauna, evaluating the quality of river habitats, and addressing anthropogenic pressures. Specific mitigatory measures have been implemented to prevent dolphin mortality due to net entanglement and underwater noise pollution. Additionally, the project has engaged various stakeholders to build a network that supports effective dolphin conservation efforts. Under this, conducted approximately 130 awareness workshops and sensitized more than 5000 participants from various stakeholders such as the fishing community members, school students, college students, inland waterways, Border Security Forces, riverside residents about Gangetic dolphin, associated aquatic animals and river conservation

The Fund approved for the project: ₹ 23 crore.

Duration of Project: March 2016 – December 2025

W. S. Soni



b. The second project utilized the methodology developed in the first project to conduct a range-wide survey of river dolphins. This extensive survey covered rivers across eight states – Uttar Pradesh, Bihar, Jharkhand, West Bengal, Assam, Madhya Pradesh, Rajasthan, and Punjab – spanning over 8,500 km. Achievements of this project include the publication of a field guide for monitoring both Ganges and Indus River dolphins and the completion of twelve training and sensitization workshops across the states, involving approximately 430 participants from forest departments and NGO partners. The estimation of dolphin populations has been completed, and the final report is currently being prepared.

The Fund approved for the project: ₹ 10.15 crore.

Duration of Project: September 2021 – March 2025

Details of training workshop conducted on the scientific monitoring of Gangetic dolphin in the range states and the detail study area is annexed as

Annexure-III

State	Number of Training Workshop	Number of Participants
Punjab	1	25
Uttar Pradesh	4	130
Bihar	2	70
Jharkhand	1	50



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Assam	1	28
Rajasthan and Madhya Pradesh	1	50
Total	12	430

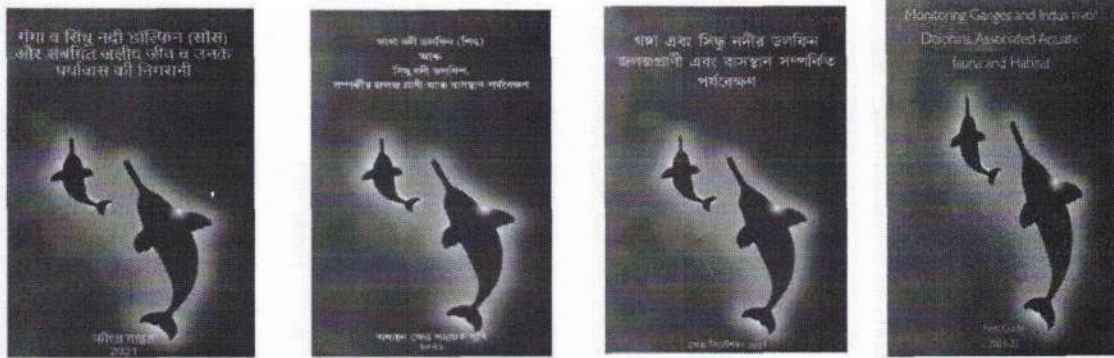


Figure 1: Field guide for monitoring Gangetic dolphin and Indus river dolphin.

- c. Under the National Mission for Clean Ganga, Ministry of Jal Shakti, Government of India sponsored project “Biodiversity Conservation and Ganga Rejuvenation”, the WII is monitoring aquatic biodiversity by conducting ecological assessment of key aquatic species and identifying areas important for conservation in the Ganga River. The WII-NMCG Phase I project was initiated in 2016 and it culminated in 2019. A total budget of ₹25 crore was allocated for Phase-I of the project, which focused on the mainstem of the Ganga River. The major output of the Phase-I of the project are summarized below:



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- i. The Wildlife Institute of India (WII) as a lead knowledge partner and conservation planning body of NMCG created the Ganga Aqualife Conservation Monitoring Centre (GACMC) to spearhead conservation of the Ganga River and its biodiversity. The GACMC was established as virtual data centre, formed by integrating the existing facilities of the WII, for spatial, genetics and eco-toxicological facilities. As a key knowledge partner to NMCG, the GACMC serves as a repository of information on biodiversity and issues of Ganga River, which continuously provides information to NMCG and Forest Departments of Ganga states. During Phase I of the project, the GACMC developed over 100 knowledge products, including technical reports, standardized monitoring protocols, brochures, and peer-reviewed scientific publications.

- ii. During the Phase I of the project a total of five ecological assessment covering pre-monsoon and post-monsoon seasons of the Ganga River from Devprayag, Uttarakhand to Nurpur, West Bangal was conducted to determine the abundance and distribution of species of conservation concern such as otters, migratory waterbirds, resident breeding birds, mugger, gharial and freshwater turtles and to develop biodiversity profile of the of Ganga River. The river condition was evaluated based on habitat features, water quality and anthropogenic stressors using state-of art tools and techniques, such as sonar based Acoustic Doppler Current Profiler (ADCP), probe based multi-parameter



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water testing kit and Remote Sensing and Geographic Information System tools for river habitat and biodiversity mapping. The ecological assessment reveals that 49% of the Ganga River still harbours high biodiversity, as opposed to a common notion of Ganga being highly polluted and devoid of any life. The survey also found that the efforts made under the *Namami Gange* programme are having a significant impact on improving the river's integrity.

- iii. Based on the ecological assessment we found that the Ganga provides habitat for five species of mammals, 86 migratory and island nesting birds, three crocodilians, 13 freshwater turtles, 10 amphibians, 20 reptiles (snake and lizards), 125 fishes, 289 plants and 37 Odonate species. Of the nearly 600 species recorded from the Ganga River, 6% are enlisted in the RET categories of the IUCN Red List. These include four mammalians, 13 bird, two crocodilians, eight turtle, one amphibian, and seven fish species.
- iv. River conservation planning is inherently complex due to the interconnected nature of rivers; the challenge of conserving entire river systems, and the need to address diverse habitats inclusively. To promote the biodiversity conservation and *Aviral* and *Nirmal Dhara* of the Ganga River, six high biodiversity zones (HBZs) have been identified along its mainstem. The



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zones were delineated by integrating information on current state of river, species distribution and anthropogenic stressors.

High Biodiversity Zones	Stretch	Length (Km)
I	Devprayag to Rishikesh	61
II	Makdumpur to Narora	147
III	Bhitora to Ghazipur	454
IV	Chhapra to Kahalgaon	296
V	Sahibganj to Rajmahal	34
VI	Baharampur to Barrackpore	246

- v. To monitor the long-term temporal change in the ecological status in a robust and cost-effective manner, 32 intensive monitoring sites were established along the mainstem Ganga River.
- vi. Addressing emergent situations, such as rescue of species in distress and their rehabilitation, is a crucial part of the species restoration process. Existing infrastructures at Narora and Sarnath in Uttar Pradesh, Bhagalpur in Bihar and Barrackpore in West Bengal were refurbished to make state-of-the-art rescue and rehabilitation centres. Officials and frontline staff from the Forest Department, Veterinary Department, Narora Atomic



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Power Station and local communities were trained to enhance their veterinary and husbandry capacity, and deal with emergent situations as first responders.

- vii. To sustain on-ground conservation efforts and ecological monitoring activities, capacity of the Forest Departments and other stakeholders of the Ganga River States in biodiversity monitoring and conservation multiple training and sensitization have been organized. The participants were trained in modules such as monitoring of aquatic wildlife, management planning of wetlands, community involvement on conservation and conservation education. Between 2016 and 2019, more than 5000 stakeholders comprising of personnel of the Forest and Veterinary departments, university professors, school teachers and students, religious groups and local communities have been trained and sensitized. Spearhead teams composed of Forest Department officials from five Ganga states were established and trained. These spearhead teams are now independently conducting activities such as monitoring of Gangetic dolphin in Bihar, migratory bird surveys in Sahibganj, Jharkhand, and training on ecological monitoring of rivers and wetlands in West Bengal.
- viii. To encourage local community participation in conservation efforts, livelihood and skill enhancement activities were aligned with Ganga conservation through the establishment of





livelihood centres and an innovative mobile livelihood center, “Jalaj.” This business model was recognized and replicated by the District Administration in Sahibganj, Jharkhand. Over, 600 trained volunteers “Ganga Prahari” from riverside-communities adopted sustainable livelihood practices and promoted sustainable use of natural resources, conduct cleanliness drives, plantation drives, biodiversity monitoring, rescue operations and actively participated in all NMCG activities. Ganga Praharis are motivated and trained volunteers from among the local communities working for biodiversity conservation and cleanliness of the river. The Ganga Prahari platform is recognized as the entry points to establish links with the local communities and further link them to various conservation initiatives. The specific skill sets and workforce of these Ganga Praharis were recognized at state as well at national level and inspired more youth to join the cadre. During the 2019 Kumbh Mela, the Ganga Praharis were actively involved in sensitization, cleanliness and escort services for pilgrims from all over the world and they worked in coordination with the local administration and NMCG.

- ix. Umbrella species-based conservation approach is effective in landscape-level conservation, and it garners support from different stakeholders as most of these species have established their significance. Thus, an action plan for the Gangetic dolphin conservation was prepared for 2020-2030, focusing on the



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recovery of the species and conservation of its habitat. Based on the recommendations in the action plan, 'Project Dolphin' was initiated to ensure long-term survival of the species and conservation of its habitat.

- x. The systematic approach of the Phase I of the project has been recognized as a successful model for river conservation and a basin-scale project 'Planning and Management for Aquatic Species Conservation and Maintenance of Ecosystem Services in the Ganga River Basin for a Clean Ganga' was entrusted to WII. Further, the National River Conservation Directorate (NRCD) also recognised the effectiveness of the river conservation approach adopted by WII and has entrusted it with a project dealing with biodiversity conservation of Indian rivers.
- d. Following the successful completion of Phase-I of the project in 2019, which primarily focused on the mainstem of the Ganga River, in 2020 the scope of the project was further extended to monitor the tributaries and sub-tributaries of the Ganga River with a total budget of ₹113 crore. The Phase-II of the project was initiated with an aim to intensify the conservation efforts in identified sites along the mainstem Ganga River and up scale the conservation effort to basin level for aquatic biodiversity conservation and maintenance of ecosystem services for a clean Ganga. The project is slated for completion by March 2026. The Ganga Aqualife Conservation Monitoring Centre (GACMC), established in Phase I of the project was upscaled as a centralized



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knowledge centre (National Centre for River Research – NCRR) in the WII Campus to develop resource repository on freshwater biodiversity and aid the Government of India as a decision support institution for planning and conservation of freshwater resources, rivers and wetlands, and the aquatic biodiversity therein. The GACMC/NCRR houses laboratories for eco-toxicological research, conservation biology and spatial analysis with respect to aquatic biodiversity.

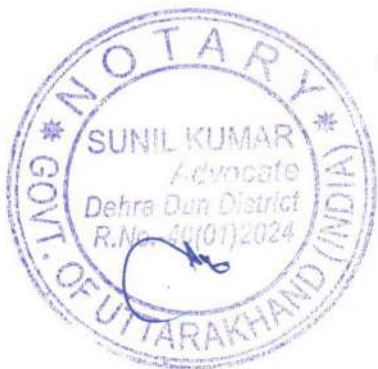
- i. Under the Phase II of WII-NMCG project, ecological assessment of 22 rivers in the Ganga River Basin including Ganga, Yamuna, Ghaghra, Gandak, Kosi, Son, Mahananda rivers encompassing 7,680 km for was conducted to determine the adundance and distribution of species of conservation significance, biodiversity assessment and conservation planning. The first basin-wide population assessment of the Gangetic dolphin was conducted, the study estimated 3936 (± 763) individuals of Gangetic dolphin in the basin. The Ganga River holds the highest number of dolphins followed by Ghaghara River. The basin-wide survey revealed that nearly half of the Gangetic dolphin population resides in the tributaries and sub-tributaries of the Ganga River, highlighting the importance of these rivers for conservation of Gangetic dolphin and other aquatic species. A 2850 km of the river stretch in the Ganga River Basin is identified as conservation priority river stretches to ensure the long-term survival of the Gangetic dolphin and other aquatic species **which is annexed as Annexure-IV**. Based



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on the findings of the ecological assessment conservation action plan are being prepared for the identified priority stretches.

- ii. So far, under the project, over 6,800 freshwater turtles and crocodiles have been rescued and successfully rehabilitated
- iii. To carry forward the monitoring and rescue activities of Gangetic dolphins and other aquatic animals, over 150 training programs have been conducted and trained more than 7,974 participants from various departments such as the forest, animal husbandry, fishery, water resources departments and teachers, professors and students from various educational institutions of Ganga River States **the details of which is annexed as Annexure-V.**
- iv. Community involvement is integral to conservation initiatives. To support the Government in its efforts for biodiversity conservation maintaining the cleanliness of the Ganga River, around 5,736 trained volunteers, known as Ganga Praharis, have been mobilized across 113 districts in the Ganga River Basin. The community-based volunteers actively participate in river conservation efforts **details is annexed as Annexure-VI.**
- v. To engage local communities in conservation efforts by integrating their livelihoods with conservation goals, 56 Jalaj



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centers have been established across the Ganga River Basin. These centers serve as hubs for disseminating and promoting aquatic biodiversity conservation, offering livelihood training, and facilitating the sale of products created by the trainees. The details of the same is annexed as **Annexure-VII**

- vi. To educate students about the importance of the aquatic biodiversity and promote its conservation, over 381 schools are linked to 'Bal Ganga Prahari' initiative across 77 districts and more than 1,55,528 students and 5,420 teachers are sensitized for river conservation. The details of the same is annexed as **Annexure-VIII**.
- vii. To disseminate knowledge and information about the Ganga River and its biodiversity, three nature interpretation centers – Ganga Darpan in Sarnath, Varanasi; Anubhuti in Kanpur; and Ganga Avlokan in Haridwar – have been established, along with 75 'Jalmala Samvaad-Interpreation corners' at selected locations. These initiatives have sensitized over 1,321 teachers and 64,650 students. The details of the same is annexed as **Annexure-IX**.
- viii. Educating the public about the value of river ecosystems, resources and for fostering public involvement towards river conservation. Over 7,300 mass awareness programs for popularizing rivers and wetlands conservation, in which more



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than 3,50,000 people have been sensitized. The details of the same is annexed as **Annexure-X**.

- e. Further, with an aim to develop a cadre of ecologist and field biologist, with expertise in the field of freshwater ecology for effectively managing the freshwater resources and its biodiversity, first batch of Master's degree course in Freshwater Ecology and Conservation was initiated in August 2024, at the GACMC/NCRR, with the financial support from the NMCG.
7. That the answering respondent/WII is doing its best for the protection and preservation of the Gangetic Dolphins and other species of River Ganga with the aid and support of other agencies.
8. That the answering respondent/WII will file additional reply as and when required or directed by this Hon'ble Tribunal

WTS
DEPONENT

VERIFICATION:

Verified at Dehradun on this day of 13th Jan., 2025 that the contents of the above affidavit are true and correct to the best of my knowledge and belief and information derived from the official record. No part of it is false and nothing material have been concealed there from.



ATTESTED
WTS
SUNIL KUMAR
Advocate & NOTARY
Court Commissioner
DEHRADUN

WTS
DEPONENT

Annexure-I

NOTICE in Original Application No. 727/2...

Subject: NOTICE in Original Application No. 727/2024 ●
From: "Consultant Judicial-NGT(P.B.)" <judicial-ngt@gov.in>
Date: 02-08-2024, 11:00
To: "dwii" <dwii@wii.gov.in>, "Clean Ganga Mission" <admn.nmcb@nic.in>, "DG NMCG" <dg@nmcb.nic.in>, "MS, CPCB" <mccb.cpcb@nic.in>

Respected Sir/Madam

I am directed to send the **Notice along with Order dated: 04/07/2024 as well as copy of the Petition in News Item titled "Endangered Gangetic dolphins found in most tributaries of Ganges prompting urgent conservation" appearing in Mongaby- India dated 20.05.2024** . for your kind perusal & necessary action.

For further correspondence please send all the documents on this e-mail-id i.e.

judicial-ngt@gov.in

Kindly acknowledge the same.

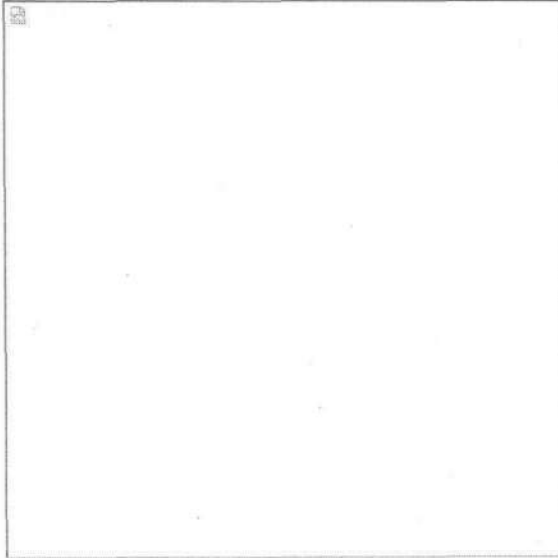
भवदीय / Regards ●

परामर्शदाता (न्यायिक) / Consultant (Judicial) ●

राष्ट्रीय हरित अधिकरण / National Green Tribunal ●

प्रधान न्यायपीठ / Principal Bench ●

नई दिल्ली / New Delhi - 110001 ●



Attachments:

OA No 727-2024 notice.pdf	102 KB
OA NO 727 of 2024 Suo Motu Gangetic dolphins.pdf	3.3 MB
Endangered Gangetic dolphins found in most.pdf	324 KB

1 of 1



19-11-2024, 11:40

Annexure-IV

Sl. No	River	States	Surveyed Length (Km)	Dolphin sightings	Population estimate (Mean \pm SEM)	Conservation Priority Stretches (Km)
1	Ajay	Bihar, Jharkhand, West Bengal	290	0	0	0
2	Babai	Uttar Pradesh	75	4	8 \pm 3.8	10
3	Bagmati	Bihar	60	68	120 \pm 22.13	115
4	Betwa	Uttar Pradesh	90	0	0	0
5	Chambal	Madhya Pradesh, Rajasthan and Uttar Pradesh	405	75	110.86 \pm 27.2	285
6	Damodar	Jharkhand, West Bengal	290	0	0	0
7	Gandak	Bihar and Uttar Pradesh	295	152	169.02 \pm 44.84	115
8	Ganga	Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal	2070	1303	2009.76 \pm 332.04	1070
9	Ghaghara	Uttar Pradesh and Bihar	615	335	532.83 \pm 108.38	290
10	Girwa	Uttar Pradesh	20	9	19 \pm 5.22	10
11	Gomti	Uttar Pradesh	650	0	0	0
12	Kauriala	Uttar Pradesh	15	13	36 \pm 8.48	10
13	Ken	Uttar Pradesh	40	0	0	0
14	Kosi	Bihar	235	179	311.38 \pm 58.56	160
15	Mahananda	Bihar and West Bengal	230	169	264 \pm 47.07	220
16	Ramganga	Uttarakhand and Uttar Pradesh	530	0	0	0



17	Rapti	Uttar Pradesh	500	89	146 ± 45.79	300
18	Rupnarayan	West Bengal	80	54	99.48 ± 20.74	65
19	Sharda	Uttar Pradesh	220	7	13 ± 7.08	55
20	Sind	Madhya Pradesh and Uttar Pradesh	40	0	0	0
21	Son	Bihar, Madhya Pradesh and Uttar Pradesh	495	0	0	30
22	Yamuna	Uttar Pradesh	435	53	97.14 ± 28.49	115
Total			7680	2510	3936 ± 763	2850



Annexure-V

Training conducted at		Number of Training	Number of Participants
State	District		
Bihar	Bhagalpur	4	168
Bihar	VTR Division 1	1	72
Bihar	West Champaran	3	183
Bihar	VTR Division 2	1	69
Bihar	Patna	1	93
Himachal Pradesh	Sirmour	1	37
Jharkhand	Sahibganj	3	244
Jharkhand	Sahebganj	1	55
Madhya Pradesh	Morena	2	102
Rajasthan	Jaipur	3	200
Rajasthan	Kota	1	50
Rajasthan	Pali Ghat	1	65
Rajasthan	Karauli	1	55
Rajasthan	Dholpur	1	50
Rajasthan	Sawai Madhopur	1	35
Uttar Pradesh	Meerut	2	212
Uttar Pradesh	Bulandshahar	3	124
Uttar Pradesh	Varanasi	12	509
Uttar Pradesh	Kashi	2	88
Uttar Pradesh	Narora	1	19
Uttar Pradesh	Lakhimpur kheri	1	31
Uttar Pradesh	Pilibhit	1	29
Uttar Pradesh	Bijnor	4	137
Uttar Pradesh	Prayagraj	2	130
Uttar Pradesh	Kanpur	2	110
Uttar Pradesh	Ayodhya	6	246
Uttar Pradesh	Ambedkar Nagar	1	25
Uttar Pradesh	Barabanki	1	35
Uttar Pradesh	Pratapgarh	1	29



Uttar Pradesh	Gorakhpur	4	529
Uttar Pradesh	Lucknow	1	154
Uttar Pradesh	Varanasi, Sarnath	1	65
Uttar Pradesh	Bareilly	1	206
Uttarakhand	Tehri Garhwal	1	53
Uttarakhand	Haridwar	4	361
Uttarakhand	Uttarkashi	1	48
Uttarakhand	Tehri	3	167
Uttarakhand	Laskar	1	42

Uttarakhand	Dehradun	56	2425
Uttarakhand	Asan	3	224
Uttarakhand	Roorkee	1	82
Uttarakhand	Nainital	1	52
West Bengal	Kolkata	3	113
West Bengal	Nadia	3	90
West Bengal	Hooghly	1	110
West Bengal	North 24 Parganas	1	51
Total		150	7974



Annexure-VI

Sl.No.	State	Districts	Number of Ganga Praharis
1	Bihar	Aurangabad	2
2	Bihar	Banka	5
3	Bihar	Begusarai	25
4	Bihar	Bhagalpur	692
5	Bihar	Bhojpur	2
6	Bihar	Buxar	1
7	Bihar	Darbhanga	1
8	Bihar	East Champaran	18
9	Bihar	Gaya	1
10	Bihar	Gopalganj	1
11	Bihar	Jamui	12
12	Bihar	Katihar	21
13	Bihar	Khagaria	21
14	Bihar	Lakhisarai	3
15	Bihar	Munger	5
16	Bihar	Muzaffarpur	3
17	Bihar	Patna	57
18	Bihar	Rohtas	2
19	Bihar	Samastipur	87
20	Bihar	Saran	4
21	Bihar	Sitamarhi	1
22	Bihar	Siwan	4
23	Bihar	Supaul	10
24	Bihar	Vaishali	81
25	Bihar	West Champaran	66
26	Haryana	Yamuna Nagar	127
27	Himachal Pradesh	Sirmaur	64
28	Jharkhand	Godda	1
29	Jharkhand	Sahibganj	317
30	Kerala	Ernakulam	1
	Madhya Pradesh	Bhind	35



32	Madhya Pradesh	Gwalior	1
33	Madhya Pradesh	Morena	41
34	Madhya Pradesh	Sheopur	5
35	NCT of Delhi	Central Delhi	1
36	NCT of Delhi	East Delhi	1
37	NCT of Delhi	North Delhi	2
38	Rajasthan	Dhaulpur	3
39	Rajasthan	Gangapur City	1
40	Rajasthan	Sawai Madhopur	33
41	Rajasthan	Shahpur (Jaipur Rural)	1
42	Rajasthan	Tonk	1
43	Uttar Pradesh	Agra	22
44	Uttar Pradesh	Aligarh	5
45	Uttar Pradesh	Amethi	1
46	Uttar Pradesh	Amroha	1
47	Uttar Pradesh	Ayodhya	256
48	Uttar Pradesh	Badaun	2
49	Uttar Pradesh	Bahraich	41
50	Uttar Pradesh	Barabanki	1
51	Uttar Pradesh	Bhadohi	1
52	Uttar Pradesh	Bijnor	167
53	Uttar Pradesh	Bulandshahr	498
54	Uttar Pradesh	Chandauli	19
55	Uttar Pradesh	Etawah	43
56	Uttar Pradesh	Farrukhabad	70
57	Uttar Pradesh	Fatehpur	1
58	Uttar Pradesh	Gautam buddha Nagar	1
59	Uttar Pradesh	Ghazipur	6
60	Uttar Pradesh	Gorakhpur	60
61	Uttar Pradesh	Hapur	48
62	Uttar Pradesh	Hardoi	1
63	Uttar Pradesh	Jaunpur	19
64	Uttar Pradesh	Jhansi	1
65	Uttar Pradesh	Kannauj	74



66	Uttar Pradesh	Kanpur	14
67	Uttar Pradesh	Kanpur Nagar	6
68	Uttar Pradesh	Kasganj	2
69	Uttar Pradesh	Kaushambi	68
70	Uttar Pradesh	Kushinagar	3
71	Uttar Pradesh	Lakhimpur (Khiri)	1
72	Uttar Pradesh	Lucknow	13
73	Uttar Pradesh	Maharajganj	2
74	Uttar Pradesh	Mainpuri	1
75	Uttar Pradesh	Mau	30
76	Uttar Pradesh	Meerut	1
77	Uttar Pradesh	Mirzapur	94
78	Uttar Pradesh	Muzaffarnagar	242
79	Uttar Pradesh	Pilibhit	81
80	Uttar Pradesh	Prayagraj	538
81	Uttar Pradesh	Raebareli	2
82	Uttar Pradesh	Saharanpur	7
83	Uttar Pradesh	Sambhal	10
84	Uttar Pradesh	Sant Ravidas Nagar	1
85	Uttar Pradesh	Shahjahanpur	3
86	Uttar Pradesh	Varanasi	496
87	Uttarakhand	Chamoli	66
88	Uttarakhand	Champawat	2
89	Uttarakhand	Dehradun	59
90	Uttarakhand	Haridwar	32
91	Uttarakhand	Pauri Garhwal	45
92	Uttarakhand	Pithoragarh	1
93	Uttarakhand	Rudraprayag	14
94	Uttarakhand	Tehri Garhwal	34
95	Uttarakhand	Udhamsingh Nagar	3
96	Uttarakhand	Uttarkashi	101
97	West Bengal	Bankura	1
98	West Bengal	Barddhaman	3
99	West Bengal	Birbhum	108



100	West Bengal	Darjeeling	1
101	West Bengal	Hooghly	97
102	West Bengal	Howrah	7
103	West Bengal	Jhargram	2
104	West Bengal	Kolkata	23
105	West Bengal	Malda	1
106	West Bengal	Murshidabad	56
107	West Bengal	Nadia	91
108	West Bengal	North 24 Parganas	10
109	West Bengal	Paschim Burdhaman	1
110	West Bengal	Paschim Medinipur	9
111	West Bengal	Purba Bardhaman	9
112	West Bengal	Purba Medinipur	49
113	West Bengal	South 24 Parganas	198
Total			5736



Annexure-VII

Sl. No.	Jalaj Name	Jalaj Model/ Type	District	State
1	Dasam	Awareness & Sale Point	Sirmaur	Himachal Pradesh
2	Aali	Awareness & Sale Point	Uttarkashi	Uttarakhand
3	Anand Ganga	Homestay	Uttarkashi	Uttarakhand
4	Kanan	Awareness & Sale Point	Nainital	Uttarakhand
5	Aalay	Health & Wellness Center, Homestay	Champawat	Uttarakhand
6	Siddhartha	Awareness & Sale Point, Homestay	Chamoli	Uttarakhand
7	Aastha	Awareness & Sale Point	Pauri Garhwal	Uttarakhand
8	Shiv Nandi	Homestay	Rudraprayag	Uttarakhand
9	Aadri	Homestay	Pauri Garhwal	Uttarakhand
10	Dhruv Nanda	Homestay	Tehri	Uttarakhand
11	Xtreme Real Adventure (XRA)	Homestay	Chamoli	Uttarakhand
12	Kendraj	Awareness & Sale Point	Dehradun	Uttarakhand
13	Ganga Avlokan	Awareness & Sale Point	Haridwar	Uttarakhand
14	Jamnuja	Awareness & Sale Point	Yamuna Nagar	Haryana
15	Ganga Viharini	Awareness & Sale Point, Safari	Bijnor	Uttar Pradesh
16	Prayaas	Health & Wellness Center, Livelihood Center	Muzaffarnagar	Uttar Pradesh
17	Parikshit	Safari	Muzaffarnagar	Uttar Pradesh
18	Urja	Awareness & Sale Point, Safari	Bulandshahr	Uttar Pradesh
19	Arkaja	Safari	Prayagraj	Uttar Pradesh
20	Samagra	Livelihood Center, Safari	Varanasi	Uttar Pradesh
21	Narayani	Health & Wellness Center, Livelihood Center, Safari	Varanasi	Uttar Pradesh
22	Kasturi	Livelihood Center, Safari	Kannauj	Uttar Pradesh



23	Abhyaranya	Awareness & Sale Point	Pilibhit	Uttar Pradesh
24	Shashwat	Awareness & Sale Point, Safari	Ayodhya	Uttar Pradesh
25	Sarayu	Livelihood Center	Ayodhya	Uttar Pradesh
26	Vidur	Awareness & Sale Point, Livelihood Center	Bijnor	Uttar Pradesh
27	Airawati	Awareness & Sale Point	Gorakhpur	Uttar Pradesh
28	Anubhuti	Awareness & Sale Point	Kanpur	Uttar Pradesh
29	Vindhya	Awareness & Sale Point, Safari	Mirzapur	Uttar Pradesh
30	Charmanyawati	Awareness & Sale Point	Morena	Madhya Pradesh
31	Utsavi	Livelihood Center, Safari	Sahibganj	Jharkhand
32	Uddhav	Awareness & Sale Point, Safari	Sahibganj	Jharkhand
33	Chaitanya	Awareness & Sale Point	Sahibganj	Jharkhand
34	Shilibhoot	Awareness & Sale Point	Sahibganj	Jharkhand
35	Amaala	Awareness & Sale Point, Livelihood Center, Safari	Bhagalpur	Bihar
36	Shardul	Awareness & Sale Point, Livelihood Center	West Champaran	Bihar
37	Saras	Safari	Begusarai	Bihar
38	Ram Chiraiya	Awareness & Sale Point	Katihar	Bihar
39	Shallika	Awareness & Sale Point, Safari	Begusarai	Bihar
40	Ashoka	Awareness & Sale Point, Livelihood Center	Patna	Bihar
41	Chitrangada	Safari	Murshidabad	West Bengal
42	Nisarga	Awareness & Sale Point	Kolkata	West Bengal
43	Panchajanya	Awareness & Sale Point	Nadia	West Bengal
44	Aarya	Livelihood Center	South 24 Parganas	West Bengal
45	Aikanta	Safari	Hooghly	West Bengal



46	Sundari	Awareness & Sale Point, Livelihood Center	South 24 Parganas	West Bengal
47	Nayachar Eco Village	Awareness & Sale Point, Homestay, Safari,	Nadia	West Bengal
48	Biswakabi	Awareness & Sale Point	Birbhum	West Bengal
49	Aayush	Health and Wellness Center	Medinipur	West Bengal
50	Amnay	Awareness & Sale Point	Purba Medinipur	West Bengal
51	Hastinapur Wildlife Sanctuary	Awareness & Sale Point	Meerut	Uttar Pradesh
52	Aipan Art Center	Livelihood Center	Champawat	Uttarakhand
53	Kampilya	Safari	Farrukhabad	Uttar Pradesh
54	Ghaghara Ghat	Safari	Bahraich	Uttar Pradesh
55	Konhara Ghat	Safari	Hajipur	Bihar
56	Baba Balnath Ghat	Safari	Samastipur	Bihar



Annexure-VIII

State	District	Number of School	Number of Students	Number of Teachers
Uttarakhand	Haridwar	8	11047	106
Uttarakhand	Tehri Garhwal	8	1346	135
Uttarakhand	Pauri Garhwal	7	2072	81
Uttarakhand	Dehradun	38	17544	484
Uttarakhand	Rudraprayag	6	1910	44
Uttarakhand	Chamoli	12	4147	140
Uttarakhand	Uttarkashi	23	6035	261
Uttarakhand	Almora	4	880	64
Uttar Pradesh	Mirzapur	7	3885	54
Uttar Pradesh	Bulandshahr	11	5271	196
Uttar Pradesh	Pilibhit	6	1444	51
Uttar Pradesh	Ayodhya	1	850	32
Uttar Pradesh	Ghaziabad	2	1250	54
Uttar Pradesh	Gautam Buddha Nagar	4	1450	16
Uttar Pradesh	Prayagraj	6	2719	52
Uttar Pradesh	Bijnor	4	1665	53
Uttar Pradesh	Meerut	3	2110	43
Uttar Pradesh	Varanasi	17	4961	126
Uttar Pradesh	Auraiya	2	645	43
Uttar Pradesh	Agra	2	1550	26
Uttar Pradesh	Saharanpur	1	120	11
Uttar Pradesh	Gorakhpur	3	1325	99
Uttar Pradesh	Chandauli	3	630	53
Uttar Pradesh	Barabanki	3	740	9
Uttar Pradesh	Lucknow	11	2934	290
Uttar Pradesh	Ambedkar Nagar	2	534	15
Uttar Pradesh	Kanpur	13	6230	139
Uttar Pradesh	Sitapur	1	700	18
Uttar Pradesh	Sultanpur	3	1343	56
Uttar Pradesh	Farrukhabad	13	4190	106



Uttar Pradesh	Fatehpur	5	1975	84
Uttar Pradesh	Mathura	7	2530	62
Uttar Pradesh	Moradabad	5	3134	117
Uttar Pradesh	Jaunpur	6	1705	59
Uttar Pradesh	Etawah	13	2020	92
Uttar Pradesh	Kaushambi	7	2819	93
Uttar Pradesh	Kanpur Dehat	3	1770	37
Uttar Pradesh	Kanpur Nagar	2	1700	40
Uttar Pradesh	Basti	1	510	17
Uttar Pradesh	Kannauj	13	4052	109
Uttar Pradesh	Sant Kabir Nagar	1	313	19
Uttar Pradesh	Gonda	2	110	5
Uttar Pradesh	Kasganj	3	1720	44
Uttar Pradesh	Ghazipur	4	1913	39
Bihar	West Champaran	7	3037	229
Bihar	East Champaran	1	450	24
Bihar	Bettiah	2	750	14
Bihar	Samastipur	2	700	23
Bihar	Vaishali	1	150	28
Bihar	Madhubani	1	620	14
Bihar	Muzzaffarpur	2	1030	30
Bihar	Bhagalpur	4	1500	33
Bihar	Patna	4	1042	77
Jharkhand	Sahibganj	6	4162	74
West Bengal	Nadia	3	2070	69
West Bengal	Kolkata	4	2033	157
West Bengal	South 24 Parganas	3	2132	90
Rajasthan	Sawai Madhopur	3	941	43
Rajasthan	Kota	3	1100	31
Rajasthan	Jaipur	3	1300	57
Rajasthan	Sirohi	2	1340	39
Haryana	Yamunanagar	7	2888	45
Haryana	Kurukshetra	1	134	8
Haryana	Kaithal	3	951	44



Haryana	Karnal	1	480	15
Haryana	Hisar	1	300	12
Himachal Pradesh	Sirmour	8	2005	124
Delhi	Vikas Puri B2	1	550	4
Delhi	Balinagar B1	1	650	8
Delhi	Ashok Vihar	1	310	26
Delhi	Zeenat Mahal	1	600	17
Delhi	South Delhi	1	600	200
Delhi	New Delhi	1	630	24
Chhattisgarh	Raipur	2	1500	67
Chhattisgarh	Pendra	3	950	92
Chhattisgarh	Rajnandgaun	1	245	12
Madhya Pradesh	Morena	1	580	16
Total		381	155528	5420



Annexure-IX

State	District	Number of Schools	Number of students	Number of teachers
Bihar	Bagaha	1	650	14
Bihar	Bettiah/Champaran	1	500	12
Bihar	Hazipur	1	260	8
Bihar	Lalganj	1	650	6
Bihar	Muzzafarpur	1	2800	18
Bihar	Samastipur	1	840	26
Bihar	Vaishali	1	520	17
Haryana	Yamuna Nagar	1	235	3
Himachal Pradesh	Sirmour	1	1500	40
Jharkhand	Sahibganj	1	560	20
Madhya Pradesh	Morena	1	1000	30
Uttar Pradesh	Agra	2	1550	26
Uttar Pradesh	Auraiya	2	1170	43
Uttar Pradesh	Bareilly	1	2239	35
Uttar Pradesh	Bijnor	2	1866	29
Uttar Pradesh	Etawah	2	1750	32
Uttar Pradesh	Fatehpur	2	1950	23
Uttar Pradesh	Jalaun	1	700	20
Uttar Pradesh	Jaunpur	3	4285	45
Uttar Pradesh	Kannauj	1	884	10
Uttar Pradesh	Kanpur	2	1750	37
Uttar Pradesh	Kaushambi	2	990	18
Uttar Pradesh	Lucknow	2	4000	45
Uttar Pradesh	Mathura	4	1720	43
Uttar Pradesh	Meerut	1	750	8
Uttar Pradesh	Moradabad	2	1300	50
Uttar Pradesh	Narora	1	1700	27



Uttar Pradesh	Pilibhit	4	3352	45
Uttar Pradesh	Prayagraj	2	4900	115
Uttar Pradesh	Saharanpur	1	120	11
Uttar Pradesh	Sitapur	3	4600	85
Uttar Pradesh	Sultanpur	3	5600	56
Uttar Pradesh	Varanasi	3	2293	43
Uttarakhand	Almora	2	298	29
Uttarakhand	Chamoli	2	630	34
Uttarakhand	Dehradun	1	480	12
Uttarakhand	Dehradun	4	1078	67
Uttarakhand	Rudraprayag	1	670	24
Uttarakhand	Tehri Garwal	1	460	40
Uttarakhand	Uttarkashi	7	2050	75
Total		75	64650	1321



Annexure-X

Sl.No.	District	State	Activities by WII-NMCG team		Activities by Ganga Praharis	
			No. of Awareness Activities	No. of People reached	No. of Awareness Activities	No. of People reached
1	Almora	Uttarakhand	1	76	0	0
2	Chamoli	Uttarakhand	82	1332	7	182
3	Champawat	Uttarakhand	3	110	62	1287
4	Dehradun	Uttarakhand	31	802	25	1365
5	Haridwar	Uttarakhand	47	824	64	16664
6	Pauri Garhwal	Uttarakhand	93	1400	15	103
7	Pithoragarh	Uttarakhand	1	35	0	0
8	Rudraprayag	Uttarakhand	16	417	0	0
9	Tehri Garhwal	Uttarakhand	51	692	14	510
10	Uttarkashi	Uttarakhand	146	2750	113	2545
11	Agra	Uttar Pradesh	1	5	0	0
12	Aligarh	Uttar Pradesh		0	1	15
13	Ambedkar Nagar	Uttar Pradesh	3	64	0	0
14	Amroha	Uttar Pradesh	5	744	1	16
15	Ayodhya	Uttar Pradesh	104	6631	15	772
16	Badaun	Uttar Pradesh	0	0	14	130
17	Bahraich	Uttar Pradesh	0	0	50	1493
18	Balia	Uttar Pradesh	1	11	7	28
19	Barabanki	Uttar Pradesh	2	62	0	0



20	Basti	Uttar Pradesh	3	112	0	0
21	Bhadohi	Uttar Pradesh	4	205	6	129
22	Bijnor	Uttar Pradesh	98	3636	38	1428
23	Bulandshahr	Uttar Pradesh	376	17281	194	7927
24	Chandauli	Uttar Pradesh	44	1310	0	0
26	Etawah	Uttar Pradesh	30	1244	2	4
27	Farrukhabad	Uttar Pradesh	109	4056	38	2056
28	Fatehpur	Uttar Pradesh	6	210	10	20
29	Firozabad	Uttar Pradesh	1	24	0	0
30	Ghaziabad	Uttar Pradesh	1	111	1	44
31	Ghazipur	Uttar Pradesh	8	206	40	1042
32	Gonda	Uttar Pradesh	10	705	0	0
33	Gorakhpur	Uttar Pradesh	80	3843	16	220
34	Hapur	Uttar Pradesh	14	249	3	81
35	Hardoi	Uttar Pradesh	7	245	2	20
36	Jaunpur	Uttar Pradesh	93	4089	1	47
37	Kannauj	Uttar Pradesh	106	3946	87	6019
38	Kanpur	Uttar Pradesh	19	945	8	27



39	Kanpur Nagar	Uttar Pradesh	3	131	3	1498
40	Kasganj	Uttar Pradesh	0	0	40	5568
41	Kaushambi	Uttar Pradesh	16	633	21	324
42	Kushinagar	Uttar Pradesh	6	214	0	0
43	Lakhimpur Kheeri	Uttar Pradesh	1	57	2	12
44	Lucknow	Uttar Pradesh	6	1306	3	207
45	Maharajganj	Uttar Pradesh	1	34	0	0
46	Mau	Uttar Pradesh	8	237	1	11
47	Meerut	Uttar Pradesh	4	88	0	0
48	Mirzapur	Uttar Pradesh	32	1255	66	2131
49	Moradabad	Uttar Pradesh	2	146	0	0
50	Muzaffarnagar	Uttar Pradesh	70	2808	50	889
51	Noida	Uttar Pradesh	1	31	0	0
52	Pilibhit	Uttar Pradesh	140	11850	8	406
53	Pratapgarh	Uttar Pradesh	4	40	2	4
54	Prayagraj	Uttar Pradesh	354	21188	389	16324
55	Rae Bareilly	Uttar Pradesh	4	75	5	43
56	Saharanpur	Uttar Pradesh	0	0	1	11
57	Sambhal	Uttar Pradesh	6	146	0	0



58	Sant Kabir Nagar	Uttar Pradesh	42	1477	0	0
59	Shahjahanpur	Uttar Pradesh	5	164	0	0
60	Sultanpur	Uttar Pradesh	2	31	0	0
61	Unnao	Uttar Pradesh	0	0	3	6
62	Varanasi	Uttar Pradesh	894	48954	599	20548
63	Aurangabad	Bihar	1	108		
64	Banka	Bihar	1	35	1	7
65	Begusarai	Bihar	5	150	11	99
66	Bhagalpur	Bihar	237	10062	379	12150
67	Buxar	Bihar	1	603	3	6
68	East Champaran	Bihar	21	584	1	6
69	Gopalganj	Bihar	5	111	0	0
70	Jamui	Bihar	1	14	0	0
71	Katihar	Bihar	9	201	7	78
72	Khagaria	Bihar	22	830	11	38
73	Madhepura	Bihar	0	0	1	3
74	Muzaffarpur	Bihar	0	0	13	62
75	Munger	Bihar	3	40	2	4
76	Patna	Bihar	13	1824	29	721
77	Purnia	Bihar	0	0	1	6
78	Saharsa	Bihar	1	27		
79	Samastipur	Bihar	11	376	103	7387
80	Saran	Bihar	0	0	4	28
81	Siwan	Bihar	2	117	0	0
82	Supaul	Bihar	22	955	1	16
83	Vaishali	Bihar	5	110	46	2568
84	West Champaran	Bihar	75	3134	14	252
85	Sahibganj	Jharkhand	291	21454	371	35914
86	Bardhaman	West Bengal	1	22	7	47



87	Birbhum	West Bengal	2	45	0	0
88	Hooghly	West Bengal	3	81	24	299
89	Howrah	West Bengal	1	24	7	17
90	Kolkata	West Bengal	7	90	10	158
91	Malda	West Bengal			11	117
92	Murshidabad	West Bengal	9	298	108	1762
93	Nadia	West Bengal	22	406	34	980
94	North 24 Parganas	West Bengal	2	36	8	20
95	Paschimi Medinipur	West Bengal	0	0	7	650
96	Purba Bardhman	West Bengal	1	45	7	664
97	Purba Medinipur	West Bengal	0	0	1	1
98	South 24 Parganas	West Bengal	3	157	5	165
99	Jaisalmer	Rajasthan			1	1
100	Kota	Rajasthan	2	216	0	0
101	Delhi	NCT of Delhi	2	82	0	0
102	Pune	Maharashtra	1	117	0	0
103	Morena	Madhya Pradesh	0	0	1	7
104	Sirmaur	Himachal Pradesh	14	856	32	646
105	Ambala	Haryana	0	0	1	7
106	Yamuna Nagar	Haryana	21	1342	0	0
Total			4014	193789	3289	157042

