

QUARTERLY REPORT

JANUARY '25 - MARCH '25



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OBJECTIVES

1. Develop a sustainable Solid Waste Management Model
2. Establish a waste collection and processing system with a special focus on local community development.
3. Execute IEC & Awareness for community support and participation.
4. Aid financial sustainability through govt sources, user-fee, sale of recyclables (SOR) & plastic credits, and EPR in the long run.
5. Govt capacity building through Outreach and Advocacy with the dual approach of top-down and bottom-up
6. Consultation for technological intervention to improve efficiency.

KEY POINTERS

1. To raise awareness towards waste generators including commercial establishments, households, and tourists for reduced waste dumping, littering, and burning, as well as segregation at source.
2. To enhance existing infrastructure and introduce new infrastructure as per the gaps identified through liaising with different stakeholders and administrations.
3. To build the capacity of a local waste entrepreneur to improve the local waste value chain and sustainably operate the Material Recovery Facility.
4. To support in channelizing and consult on utilizing more government funds for waste management to make Kempty a Zero Waste Tourist Destination
5. To generate livelihoods for local communities and waste workers and uplift their capacities.
6. To promote sustainable alternatives and encourage reduce, reuse and recycle.
7. To continue to build the capacity of all stakeholders including District Administration, Gram Panchayats, Market Associations, Forest Department, Tourism Department, Department of Agriculture, contracted waste collection agency, etc.

PROPOSED DELIVERABLES Q4 2024-2025



Proposed Deliverables	Status
Formation of Swachhta Samiti in both the panchayat's.	Done
Completion of three campaigns EcoStay, JW Marriott and User Fees.	On Going
Clean Up Drives	Done
Onboarding 10% of uncatered area	Done
Renewal of ZP agreement in March'25	Done
Implementation and collection of user fees in both the panchayat's	On Going
MoU signing between Local Entrepreneur and Gram Panchayat	Pending
Stop dumping in front of Waste Bank, Khyarsi	Done
Allocation of Dumping land	Done
Waste bank, khyarsi extension	Pending
Installation of safety fence at PWMU, Siya	Done
Bailing to start at PWMU, siya	Done
Twin Bins Installation	Done
Legacy waste dumpsite cleanup	Done
Training & Capacity Building for External Stakeholders & Green Workers	Done

AREA OF INTERVENTION

VILLAGE AREA



Under this project we are covering two panchayats Siya and Banglow ki kandi. Focusing on awareness of the residents and commercials through events like Mohalla meetings, Clean Up drives, Stakeholder meetings, etc. Major percentage of this area are households and tenants.

KEMPTON ROUTE



Route area is the National Highway serving as the main route towards Kempton Fall. This area witnesses high traffic during the peak season. It comprises mainly of commercial establishments specially restaurants and Maggie points. Our focus was on Door to Door awareness, source segregation & encouraging clean business program.

KEMPTY FALL AREA



The main attraction for the tourists in this area is the Kempty Fall. It is a stretch of stairs from the main road leading to the fall. Variety of establishments are found for tourist shopping which generate both dry and wet waste on daily basis.

MATERIAL RECOVERY FACILITY



Material recovery facility in the foothills of lower Himalaya has been funded by UPCL through DM Tehri to Forest department and now operated by Waste Warriors. The total land allotted for the facility by the village Panchayat Banglow ki Kandi is 1020 Sq. Ft. Operating capacity per day is 250-300 kgs with current operational area 600-700 sq.ft..

WASTE COLLECTION



Waste collection happens on daily basis by Zila Panchayat in Kempty Route & Siya Panchayat. People unwilling to give waste deposit in Dry Waste Storage Units (DWSU's). Waste collection vehicle also unfills the DWSU's on regular basis in all the areas.

KEY IMPACT METRICS

46+ MT

TOTAL WASTE DIVERTED AWAY
FROM THE LANDFILL.

26

AWARENESS AND ENGAGEMENT
EVENTS CONDUCTED.

**2181
PEOPLE**

DIRECTLY & INDIRECTLY
ENGAGED IN AWARENESS ON
SOLID WASTE MANAGEMENT.

9.5K

Userfee collected in Kempty
fall steps area

60K

REVENUE GENERATED FROM
SALE OF RECYCLABLES.



AWARENESS AND ENGAGEMENT

Targets here are for Jan and Feb '25

Deliverables	Target	Jan	Feb	Mar	Achieved
Campaign Based Programs	3	2	2	1	100%
Stakeholder Meetings with District/Local	2	1	1	0	100%
Project short films/Documentaries	2	1	0	0	50%
Clean Up Drives	2	1	1	0	100%
Trainings & Exposure visits for Green Workers/Local Entrepreneur staff	2	2	0	3	250%

Month	Total Residential	No of Residential giving waste	Total Commercials	No of Commercials giving waste
January	959	430	526	465
February	959	460	526	470
March	959	455	526	475

CAMPAIGNS

ECO STAY - SHIFTING TO SUSTAINABILITY

The Eco Stay campaign, our fourth strategic initiative, was launched to promote sustainability within the hospitality sector by significantly reducing the use of single-use plastics in hotels. The campaign aimed to collaborate with selected hotels in the Kempton region to adopt eco-friendly practices in alignment with global environmental goals, thereby enhancing their appeal to environmentally conscious travelers.

As part of the campaign, participating hotels were encouraged to implement practical sustainability measures such as eliminating single-use plastic water bottles, promoting guests to bring their own toiletries, switching from sachets to reusable containers, replacing disposable items like straws and slippers with reusable alternatives, and ensuring proper signage for waste segregation and waste management.

To strengthen the foundation of the campaign, refresher segregation training sessions were conducted at properties such as Kempton Lake Resort and Zostel, building on previous awareness efforts. These sessions aimed to reinforce the principles of waste segregation while tying them directly to the broader goals of sustainable hospitality under the Eco Stay banner.

However, after conducting a few training sessions and engaging in multiple follow-ups, it became evident that the concept of sustainability was still quite new and abstract for many hotels in the region. Rather than pushing the agenda prematurely, the strategic decision was made to pause the campaign temporarily. The campaign will be resumed in a future project cycle when the hotels are better positioned—both in awareness and operational readiness—to meaningfully engage with and benefit from sustainability practices.

This pause allows space for organic growth in environmental consciousness within the hospitality sector of Kempton, ensuring that when the Eco Stay campaign returns, it will be met with stronger ownership and a clearer understanding of its long-term value.



WASTE MANAGEMENT EDUCATION PROGRAM FOR JW MARRIOTT

As part of our ongoing efforts to promote sustainable waste management and environmental responsibility in the region, we are thrilled to announce the successful launch of our awareness campaign in collaboration with JW Marriott. The first session was conducted on-site at the hotel premises, with approximately 50 staff members in attendance.

A key motivation for holding the session at the hotel was that nearly 70% of JW Marriott's employees reside within our two panchayats, yet were previously inaccessible during local awareness sessions due to their working hours. Bringing the program directly to the hotel allowed us to bridge this gap and engage with a significant portion of the workforce who play a critical role in shaping community habits and waste practices.

The session covered essential topics, including:

1. Practical methods for segregating waste at the source to align with the waste collection system.
2. Adopting a zero-waste lifestyle in daily personal and professional routines.
3. The environmental and logistical drawbacks of disposing of mixed waste.
4. Understanding the sanitation fee and penalties, along with how these are implemented and enforced at the community level.

The session was met with enthusiastic participation, with employees expressing a strong interest in conducting additional sessions for the remaining staff and exploring further collaborations with our team. Their responsiveness underscores a growing commitment within the hospitality sector to integrate sustainability into their operational culture.

This event marks the beginning of a deeper engagement with JW Marriott under our hospitality-focused awareness initiatives. We look forward to organizing more such events, strengthening partnerships, and driving lasting impact through informed action and shared responsibility.



USER FEES CAMPAIGN

In a significant milestone for sustainable waste management in the Kempty region, the long-awaited implementation of user fees for waste collection services has now begun in Banglow Ki Kandi and Siya Panchayats. This initiative marks a critical transition toward self-sustained waste operations and greater community ownership.

Historically, no formal system of user fee collection existed in these panchayats, making it imperative to establish a local structure capable of managing and maintaining waste services. For several months, the Waste Warriors team has been working diligently to push forward the concept of user fee implementation while also advocating for the creation of a Swachchta Samiti—a community-based cleanliness committee.

We are proud to share that during this quarter, both panchayats officially formed their Swachchta Samitis following numerous stakeholder consultations and meetings. Each Samiti comprises a minimum of 11 members, including local residents, shopkeepers, market association representatives, and members of the Waste Warriors team. These committees are now responsible for:

- Overseeing the collection and management of user fees.
- Disbursing funds towards cleanliness and waste management tasks.
- Maintaining day-to-day waste practices at the panchayat level.

Once the Samitis were formally established and relevant documentation was completed, members swiftly took on the task of community outreach. Their efforts included door-to-door visits, public meetings, and pamphlet distribution, ensuring widespread awareness of the user fee system. Their commitment and proactive communication have been instrumental in preparing residents and businesses for the new system.

Beginning in April, user fees will be collected according to predefined charges based on different types of residential and commercial units. Alongside the collection process, awareness and engagement activities will continue to ensure long-term success and acceptance of the system.

This campaign represents a pivotal shift from externally driven waste operations to a community-led model, setting the foundation for sustainable waste management across the region.



ONE DAY EVENTS

CLEAN UP DRIVE

Working with the children of our panchayats has always been a source of joy and renewed energy. This quarter, we organized two cleanup drives with our enthusiastic young warriors in Banglow Ki Kandi and Siya Panchayat. A total of 39 children participated, collectively removing over 150 kg of waste from their neighborhoods. Following the cleanup, the children went a step further by conducting door-to-door awareness campaigns, educating community members on the importance of waste segregation. In a heartwarming show of commitment, many of the children pledged to avoid littering wrappers on their way to and from school and to properly dispose of them in designated bins. Their involvement continues to inspire the community and reflects the power of youth in driving long-term behavioral change.



SOURCE SEGREGATION TRAINING AT SURBEE HOTEL

Surbee Hotel, a prominent three-star property in Siya Panchayat, recently joined our waste management initiative—marking an important step forward for sustainability in the region. Until now, Surbee had no formal waste management system in place. After being introduced to Kempty's ongoing waste management program last month, the hotel management expressed strong interest in participating.

As a first step, we conducted a comprehensive source segregation training for the entire hotel workforce, equipping them with the knowledge and skills to handle waste responsibly. This awareness session focused on the importance of proper segregation at the source and the broader impact of sustainable waste practices in the hospitality sector.

Following the training, regular waste collection services have now begun on an alternate-day basis, ensuring that the hotel's waste is managed systematically and in line with best practices. Surbee's onboarding strengthens our collaboration with the hospitality sector and sets a positive example for other establishments in the area.

LOCAL STAKEHOLDERS EXPOSURE VISIT

An insightful exposure visit was recently organized for our local stakeholders, including the Gram Pradhans of Siya and Banglow Ki Kandi Panchayats, the Panchayat Secretary, Market Association President, BDC Member, local entrepreneurs, supervisors, and representatives from the Mahila Mangal Dal. The group first visited the Sahastradhara MRF Centre in Dhanoula, where the Sahastradhara Team shared valuable learnings from their work across six panchayats through the Paryawaran Sakhi model. Stakeholders engaged in discussions around co-processing of dry waste and gained insights into decentralized waste systems. The second stop was at the Harrawala MRF Centre, where the MRF team shared a detailed briefing on the co-processing of wet, dry, and hazardous waste in Ward 97. The demonstration of the baling process for multi-layered plastics, low-value plastics, and plastic bottles was particularly inspiring and sparked enthusiastic dialogue among attendees. The visit concluded with evening tea and an engaging conversation the Head Office team at the HO, leaving everyone energized and filled with new ideas to elevate waste management practices back in Kemptly.



TOURIST ENGAGEMENT ACTIVITY

As part of our ongoing Tourist Engagement Activities, Kachra Man once again made a powerful appearance at Kemptly Falls, continuing to spread the message of environmental responsibility in one of the region's busiest tourist destinations. With the constant influx of visitors, managing litter and plastic waste remains a pressing concern—and Kachra Man is here to remind everyone just how important their role is in keeping the area clean.

Tourists were delighted to interact with Kachra Man, who encouraged them to use dustbins, reduce plastic usage, and be more mindful of their environmental impact. The activity sparked curiosity, conversations, and countless smiles—all while reinforcing the mission of Waste Warriors to preserve the natural beauty of Kemptly.



GREEN WOKERS TRAINING

In the last quarter, the Kempty team organized two impactful training sessions to build the capacity and strengthen the skills of our green workers and local entrepreneurs. The first session brought together eight team members, including collection vehicle workers, MRF green workers, and the Plant Supervisor. The meeting also served as an onboarding opportunity for new employees, offering them a clear understanding of how Waste Warriors collaborates with local entrepreneurs and operates on the ground. We focused on helping everyone align with our vision and mission for Kempty, while keeping the session lively with interactive activities, games, and shared lunch. To support their daily work, we distributed safety equipment including shoes, masks, gloves, and caps.

The second training was a fire mock drill held at Swachhata Kendra Khyarasi, conducted as part of our capacity-building efforts. Both the Kempty team and the Local Entrepreneur team participated in this essential session, where they learned how to safely extinguish fires and protect themselves in emergency situations. With the forest fire season approaching, this training plays a critical role in preparing our teams to safeguard lives and infrastructure from potential fire hazards.

Together, these trainings not only enhanced technical skills and safety preparedness but also fostered team bonding and a deeper sense of purpose among our green workforce.



STAKEHOLDER MEETINGS AND ADVOCACY

Meeting with District Magistrates Tehri

We had a productive meeting with the District Magistrate (DM) of Tehri, during which we shared our quarterly report and discussed key challenges faced on the ground. The DM appreciated our efforts and offered support. A major highlight of the meeting was the discussion on the dumpsite approval and development, where the DM promptly connected us with the concerned officer to help expedite the paperwork. We also presented our plan to establish a wet waste processing unit at the dumpsite. Additionally, the DM acknowledged that he has been following our project updates on the WhatsApp group and expressed his continued support, encouraging us to reach out for any assistance through the same platform.



Visit of Forest Department Officials

Mrs. Kahkasha Naseem Ji, Conservator of Forests, along with Mr. Uday Gaur, Sub Divisional Forest Officer, and representatives from the Agriculture and Forest Department, visited Kempty Falls to review the progress of the waste management initiatives. Notably, Mrs. Naseem was the District Forest Officer three years ago when she initiated the collaboration by entrusting Waste Warriors with operating the waste bank at Kempty. During the visit, she expressed great satisfaction with the transformation brought about by Waste Warriors, particularly the consistent daily waste collection and processing efforts that have significantly mitigated environmental risks from dumping and burning. Impressed by the progress, Mrs. Naseem assured continued support from the Forest Department. In response, Waste Warriors has submitted a proposal for extending operations at the Waste Bank in Khyarsj,



GROUND OPERATIONS



Month	Waste In	Waste Out/FG Out
January	15,130 Kg	8,488 Kg
February	13,220 Kg	7,580 Kg
March	17,203 Kg	11,361 Kg
Total	45,553 Kg	27,429 Kg

ON GROUND DEVELOPMENTS

DUMPING CLOSED INFRONT OF WASTE BANK KHYARSI

A significant milestone was achieved at the Waste Bank in Khyarsi with the successful closure of a long-standing dumping site located just in front of the facility. Despite repeated efforts, waste continued to be dumped in this area, which lay at the edge of a cliff and resulted in direct pollution of the Yamuna River below. Recognizing the urgent environmental threat, the Waste Warriors team took immediate action and decided to halt all dumping activities while simultaneously exploring alternative land options. Since January, all collected waste has been processed exclusively at the Khyarsi Waste Bank, ensuring complete elimination of dumping at the site. Remarkably, not a single wrapper has been discarded in the area since, marking a major step forward in protecting local ecosystems and promoting responsible waste management.

INERT WASTE DISPOSAL TO PAPER MILL

We are proud to share a major achievement in our waste management journey—since March, the Kempty project has successfully reached a stage of zero dumping. The waste collected by the Zila Panchayat vehicle is brought to the Waste Warriors facility, where our dedicated green workers meticulously segregate it into various recyclable categories. While most waste is recycled, a small portion known as inert waste, which cannot be recycled, previously posed a disposal challenge. However, this inert waste is now being diverted to paper mills for co-processing as Refuse Derived Fuel (RDF). This milestone not only marks a significant step towards sustainable waste management but also demonstrates our commitment to ensuring that no waste ends up in dumpsites or the environment.

FOOD WASTE COMPOSTING

A key achievement this quarter has been the successful implementation of full-scale wet waste composting in the Kempty project. After conducting a pilot in December, regular composting operations began in January using the ten composting pits constructed at the Plastic Waste Management Unit (PWMU). The system has been maintained diligently, with regular turning of waste, careful balancing of carbon and nitrogen levels, and consistent application of bio-enzymes to ensure effective decomposition. Given the high concentration of commercial establishments in the area, wet waste generation has been significant—averaging around 200 kg per day across the two panchayats. With seasonal tourist activity expected to increase, this proactive step ensures that large volumes of organic waste are managed sustainably, contributing to a cleaner and more efficient waste management system.



BAILING AT PLASTIC WASTE MANAGEMENT UNIT

One of the major value additions to our waste management system this quarter has been the implementation of the bailing process for different waste categories. Bailing involves compressing sorted waste into compact blocks, which significantly improves handling and logistics. This method offers multiple advantages—reducing transportation costs, optimizing storage, and increasing the market value of recyclable materials.

All collected waste is first sent to the Waste Bank at Khyarsi, where it is segregated and processed. The sorted, finished materials are then transported to the Plastic Waste Management Unit in Siya, where they are bailed before being dispatched to authorized recyclers. This systematic approach not only ensures efficient waste flow but also strengthens the project's economic and environmental sustainability.



LAND APPROVAL FOR WET WASTE PROCESSING UNIT

After extensive reconnaissance of multiple forest and civil lands last quarter and the submission of all required documentation, we are pleased to share a significant milestone: land has been officially approved by district officials for the construction of a dedicated wet waste processing unit.

This site will also include a designated area for temporarily storing inert waste before it is sent to paper mills for co-processing. This approval marks a major success for the project, enabling us to take a concrete step toward achieving zero dumping by ensuring that all collected waste is systematically processed.

TWIN BINS INSTALLATION

Source segregation is a cornerstone of effective solid waste management, especially in high-footfall tourist areas like Kemptoy Falls. In the first year of the project, Dry Waste Storage Units (DWSUs) were installed to manage waste generated by visitors. However, with the realization that both dry and wet waste are commonly produced by tourists, a shift in infrastructure became necessary.

This upgrade is designed to encourage proper disposal practices among tourists, making it easier to segregate waste at the source. Wet waste will be composted at the designated wet waste units, while dry waste will be sent to the Material Recovery Facility (MRF) for further processing. This move is a significant step toward improving segregation, reducing contamination, and enhancing overall waste management efficiency in the region.

LEGACY WASTE CLEANUP

In a major achievement for environmental restoration, we successfully undertook legacy waste cleanups at two critical sites in Kempty, demonstrating the power of teamwork, commitment, and community action.

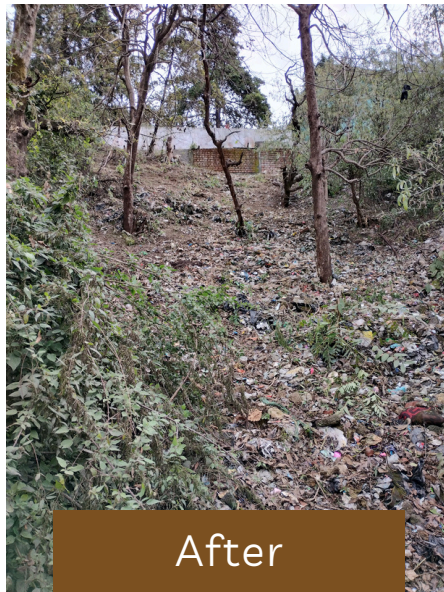
At Kempty Falls, in collaboration with Green Workers and Zila Panchayat workers, we tackled dumpsites that had accumulated waste for over 2–3 years. With tourist season approaching and open dumping significantly reduced through sustained awareness efforts, we prioritised the removal of legacy waste to prevent these areas from becoming active dumpsites again. Despite the challenging terrain and steep cliffs, our Green Workers retrieved 517.6 kg of waste, often carrying it on their backs for over 700 meters to the waste bank—a testament to their incredible dedication.

Meanwhile, in Siya Kempty, our Safai Saathis led a similar effort and went above and beyond, collecting a staggering 2527 kg of legacy waste. What was once a massive dumpsite has now been completely cleaned, transforming the area into a cleaner, safer space for the community and local wildlife.

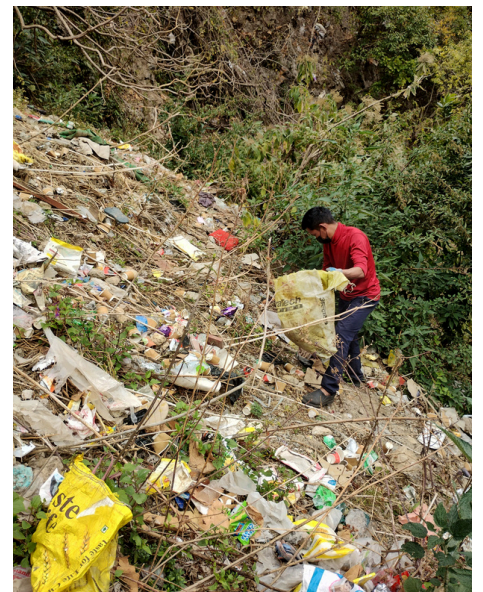
These cleanups are not just environmental victories but also symbols of what collective effort can achieve. We are proud of our teams for setting a powerful example and hope these efforts inspire continued action against plastic pollution and open dumping. Together, we are one step closer to a zero-waste Kempty!



Before



After



ONBOARDING KHYARSI VILLAGE

In this quarter, we successfully onboarded Khyarsi village for regular waste collection services as part of our ongoing solid waste management initiative. This milestone was achieved after multiple rounds of community engagement and awareness sessions, which encouraged residents to begin segregating waste at the source. Our collection team now conducts routine door-to-door pickups, ensuring that both dry and wet waste are collected separately and transported to the appropriate processing units. This expansion into Khyarsi marks a key advancement in bringing sustainable waste management practices to residential areas beyond core tourist zones, reflecting the community's growing commitment to a cleaner and healthier environment.

ACHIEVEMENTS

- Formation of swachhta Samiti in both the panchayats.
- Reduction in commercial defaulter units from 68 to 4.
- Local stakeholders exposure visit to Dehradun processing plants.
- Dumping closed in front of Waste Bank Khyarsi.
- Inert waste is now send to paper mills for co-processing.
- Full scale pit composting is done for the wet waste.
- Bailing of finished goods started.
- Land approved for the wet waste processing.
- Waste collection started at khyarsi village.

CHALLENGES

- Pits allocated for the wet waste processing have already been exhausted.
- Large amount of wet waste is collected for which we need to have a proper wet waste management system.
- Transportation of Reject waste to Dehradun.
- Delay in allocation and further construction of the wet waste processing and dumping land.
- Renewal of the Zila Panchayat's MoU on the previous amount.
- Reluctance of the gram panchayat to pay for the waste collection and processing cost to the Local Entrepreneur.
- Unable to tap the JW Marriott tenants.
- During the season time segregation level will drop.
- Onboarding for user fees and also sustaining it during the season time.

TESTIMONIALS



Ashok Nautiyal

“

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Hi I'm Ashok Nautiyal, President of the Kempty Falls Business Association. Waste Warriors and MakeMyTrip Foundation have completed three successful years in Kempty area, spreading awareness about cleanliness among households, businesses, Schools and tourists. Their efforts have transformed the area, with residents and all the business units now actively segregating waste at source into three categories like Dry, Wet and Hazardous. The team is doing a tremendous, good job, and I extend my heartfelt gratitude to the Waste Warriors and MakeMyTrip Foundation team for their dedication to this impactful initiative.



Roma Nautiyal

“

”

Hi I am Roma Nautiyal, and I am the Village Panchayat Development Officer for Siya Kempty. I am pleased to inform you that the Waste Warriors organisation, which works for cleanliness as a partner with the MakeMyTrip Foundation, is doing an excellent job in my local Panchayat Siya Kempty. Over the last three years, they have held various awareness programs and meetings with the local community, resulting in a considerable increase in cleanliness awareness among the populace. People used to toss or burn their domestic waste anywhere, but thanks to their efforts, they no longer do so."

Simultaneously, we keep wet and dry waste separate and dispose of them in the garbage truck, while simultaneously raising awareness of cleanliness among ourselves and our neighbours. As a result, we sincerely thank the cleanliness group Waste Warriors for all of their efforts in our panchayats, and we hope that they will continue to support us in the future and help us develop our panchayat as a clean panchayat. Thank you!

MEET THE TEAM!



Adison Stevenson
Sr. Project Manager



Ankita Kunwar
Project Manager

Operations



Mohammad Imran
Sr. Executive

Outreach



Geeta Dhyani
Associate



Ritika
Executive



Kiran Rawat
Executive



Kareena
Executive

ON GROUND PARTNERS

Zila Panchayat, Tehri Garhwal

Gram Panchayat, Siya

Gram Panchayat, Banglow Ki Kandi



WASTE WARRIORS

REDUCE RE-USE RECYCLE

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Thank You. Let's Discuss.



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