

# QUARTERLY REPORT

APRIL '23 - JUNE '23



In Partnership with



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# OBJECTIVES

- 1.To raise awareness towards waste generators including commercial establishments, households, and tourists for reduced waste dumping, littering, and burning, as well as in segregating waste at source.
- 2.To enhance existing infrastructure and introduce new infrastructure as per the gaps identified from the baseline study
- 3.To operate and monitor existing infrastructure including the Material Recovery Facility and waste bank installed by the District Administration
- 4.To identify and build capacity of a local waste entrepreneur to build the local waste value chain and sustainably operate the Material Recovery Facility
- 5.To support in channelizing and consult on utilizing government funds for waste management
- 6.To build capacity for livelihoods for local communities and waste workers to promote alternative to plastic-based materials
- 7.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 Q2



- 1.Utilization of funds for wet waste processing and MRF expansion.
2. Swachhta Mahotsav celebrating and recognizing active citizens and businesses.
3. Wall murals, dark spot transformations, and art installations with tourist participation.
4. Tourist engagement through nukkad natak, puppet shows, and cleanup drives.
5. Activation of Swachhta Samiti bank account for deposition of revenue generated from user fees and sale of recyclables.

# 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. Total units being covered as of Q2 -716

## 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. Total units being covered as of Q2 - 240

# 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.

Total units being covered as of Q2 - 98

# 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 un fills the DWSU's on regular basis in all the areas.

# KEY IMPACT METRICS



**11+ MT**

**TOTAL WASTE DIVERTED AWAY FROM THE ENVIRONMENT.**

**2000+ PEOPLE**

**DIRECTLY ENGAGED TO RAISE AWARENESS ON SOLID WASTE MANAGEMENT.**

**36**

**AWARENESS AND ENGAGEMENT EVENTS CONDUCTED.**

**6 GREEN WORKERS**

**LIVELIHOOD CREATED**

**23K +**

**REVENUE GENERATED FOR LOCAL SCRAPDEALERS.**

# AWARENESS AND ENGAGEMENT

## KEY METRICS

Deliverables	Annual Target	Quarter 1 (Achieved)	Quarter 2 (Target)	Quarter 2 (Achieved)
C1: Wall Murals	2	1	1	1
C2: Trainings	6	1	2	2
C3: Consultation Meetings	12	1	3	7
C6: Community Engagement Activities	24	14	6	26
C10: Sign Boards	11	4	3	0

	Total establishments giving waste (Avg)	Establishments giving waste (Avg)	% of collection
Village Area	716	183	26%
Route Area	240	195	81%
Fall Area	98	92	94%

# EVENT DETAILS



## MOHALLA MEETINGS

A total of 4 Mohalla meetings were conducted to sensitise the villagers on source segregation and a proper usage of the DWSU provided for their mohalla by the Zila Panchayat. In addition to this a composting session was also conducted so that they can have a solution for the wet waste generated.

## BUSINESS STAFF TRAININGS

We had organised separate, source segregation trainings for restaurant staff and kitchen staff. A total of 6 trainings were conducted in the Kempton route area which included their helpers and owners as well.



## CLEAN UP DRIVE

Clean up drives are the best form of community engagement activities to make the people understand the problem of littering and its adverse effects directly/indirectly on environment. Five clean drives were conducted which had involvement of different PRI members.

## GREEN WORKERS TRAINING

The trainings were conducted for both the Green Workers (appointed by Zila Panchayat) and Kempton informal sector. The sessions were focused on empowerment and a reflection of their contribution towards environment. They were taught on importance of preaching source segregation and self care.







## KACHARA MAN

Waste Warriors introduced Kachra Man as a Superhero to promote good Waste Management practices in Kempton. It was an attempt to entertain and promote segregation, recycling and composting. Kachra Man has now become a well known character in local schools and public events, this approach helped us reach a greater and wider audience in Kempton.

## CHALK OF SHAME

Chalk of Shame is an awareness-raising activity that involves marking the littered area with chalk to highlight the problem of littering. During the activity, a piece of chalk is used to outline the littered area and write messages such as "Do not litter" or "This is not a dustbin"; to raise awareness about the negative impact of littering on the environment.



## PUPPET SHOW

A traditional way of entertainment was brought back to Kempton in the form of Puppet show. This performance was done to educate the villagers on waste management. The show was conducted at two places by Sanchar Jan Chetna Trust. We were able to engage XX number of tourists directly.

## STAKEHOLDER MEETING

The Project Kempton Zero Waste Tourist Destination has always seen an active stakeholder participation from the beginning of the project. To discuss about the ongoing project, current challenges, solution and way forwards a total of seven stakeholder meetings were conducted in Quarter 2.



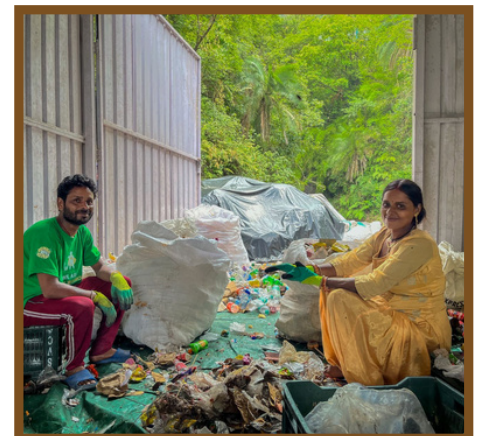
## WALL MURAL

Kempton fall being the major attraction, it has a huge influx of tourism each year. To educate tourists through visual arts, a Wall Mural is painted en-route Kempton fall. This has become a major tourist attraction and medium to educate tourists on anti-littering.

# GROUND OPERATIONS

Deliverables	Annual Target	Quarter 1 (Achieved)	Quarter 2 (Target)	Quarter 2 (Achieved)
Dry Waste Storage Units	10	5	5	2
A5: Waste Banks > enhancement and upliftment (Banglow ki Kandi)	1	1	0	0

Month	Waste In	Waste Out/FG Out
April	5 Ton	1 Ton
May	8 Ton	5 Ton
June	7 Ton	1 Ton
Total	20 Tons	7 Tons



# ACHIEVEMENTS

- Majority of the people started using the DWSU's, burning and dumping of waste has eventually reduced and led to an increase in deposit of waste quantum in the DWSU's.
- The Dry Waste Storage Units are now unfilled by the Zila Panchayat workers on regular basis.
- On alternate days of waste collection, people don't dump but rather store and give it to the collection vehicle the next day.
- 100% door to door collection from the Kempty route area.
- Two business owners (eateries) have shifted from use of disposal to reusable cutlery.
- Door to door collection from 94% the shops at the fall area.
- Construction of Wet Waste Units at the Waste Bank.
- Setup of smooth manual transportation of waste on the steps area of kempty fall.



# CHALLENGES

- Mixed waste being dumped in the Dry Waste Collection Units.
- Delay in the approvals from the local and district stakeholders.
- NIMBI attitude leading to locking the DWSU bins.
- Peak season led to non availability of the commercial establishments ultimately reduction in the percentage of segregation.
- Huge quantity of sanitary waste generated at the Fall area on daily basis.
- Businesses near the pool area are sometimes reluctant to segregate and directly dump their unsegregated waste in the waste bank.
- During the peak season and unmanned setup, waste bank management is very difficult. With no particular time or duration of waste deposit, it is highly challenging to manage.
- Monkey Menace at Ranaji Area.



# TESTIMONIALS



**PRINCE KUMAR,**

**WARE OF CAFE**

Before the intervention of Waste Warriors and Make my trip foundation in this area, I used to collect my cafes waste in one bin. But now, after the regular awareness sessions and daily monitoring by the team, I have started to segregate my waste into Wet and Dry and handover it to the vehicle separately.



**HIMANSHU**

**MAGGI POINT**

To serve food I used to use disposable cutlery as it was easy to manage and post usage I used to dump it in the fall area. After the intervention of MMT foundation and Waste Warriors, I came to know the adverse effect of waste on humans and environment. Now I can proudly say that i am an active citizen as I have shifted from disposable to reusable cutlery. Now I can proudly say that I am a responsible citizen having to make shift from disposable to reusable cutlery.



**RAVINDER KANDARI**

**GREEN RESTAURANT**

I cater 150 to 300 tourists everyday in my restaurant. Earlier I used to mix and dump waste down in the hills. But since the time we have got training on source segregation, we no longer mix waste and dump the waste. Segregation of waste at source is done and then handed over to the collection vehicle.

# WAY FORWARD

- Passing of Bye-laws and MOU signing with Panchayat.
- Contractor route extension in discussion and in mutual agreement with Zilla Panchayat
- Existing Operations strengthening with identifying problem and loopholes.
- Strong IEC strategy for Waste Bank in Kempty fall area.
- Green workers livelihood strategy defining with Organisation support.
- Streamlining of finishing good and reducing the pilferage by liaising with Zilla Panchayat supervisor
- Liaising with forest department for Infra-gap support to run operations smoothly.
- Focus on increasing behavioural change for locals through IEC targets.

*Note : As we strategise our new approach on key interventions. Any further changes in the way forward will be prior communicated for a discussion and approval for the same*

# MEET THE TEAM!



**Raj Kumar V**  
Sr. Project Manager



**Ankita Kunwar**  
Project Manager

## Operations



**Rohit Rangarh**  
Associate



**Mohammad Imran**  
Sr. Executive



**Rohit Rawat**  
Executive



**Dharmendar**  
Green Worker



**Vimla Devi**  
Green Worker

## Outreach



**Geeta Dhyani**  
Associate



**Neeraj**  
Executive



**Kiran Rawat**  
Executive



**Kareena**  
Executive



**Ritika**  
Executive

# SOCIAL MEDIA UPDATE

LIKES  
28K+

 **Waste Warriors** is at **Kempton Falls, Mussoorie, Uttarakhand.**  
May 10 · 🌐

In our first (out of the many more to go!) workshop promoting home composting in such an eco-sensitive area, we trained 22 women and 9 kids.

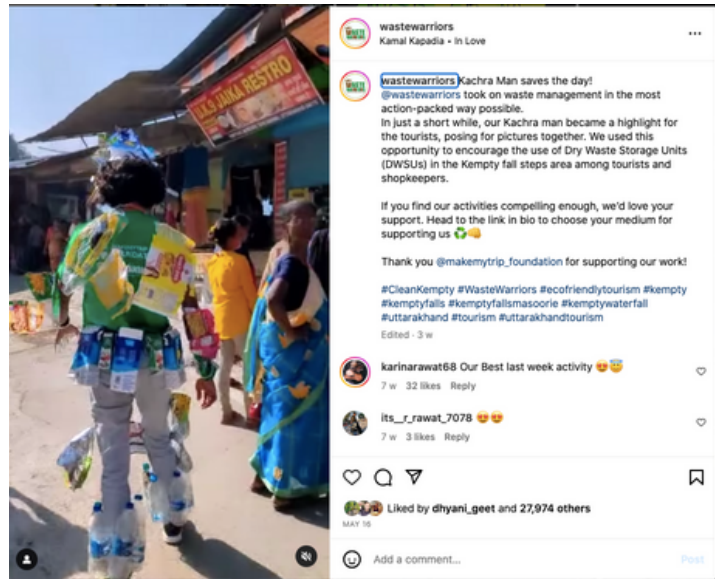
[#composting](#) [#mussoorie](#) [#homecomposting](#)  
[#compost](#) [#wastewarrior](#) [#uttarakhand](#)  
[#wetwaste](#) [#environment](#)



COMPOSTING SESSION

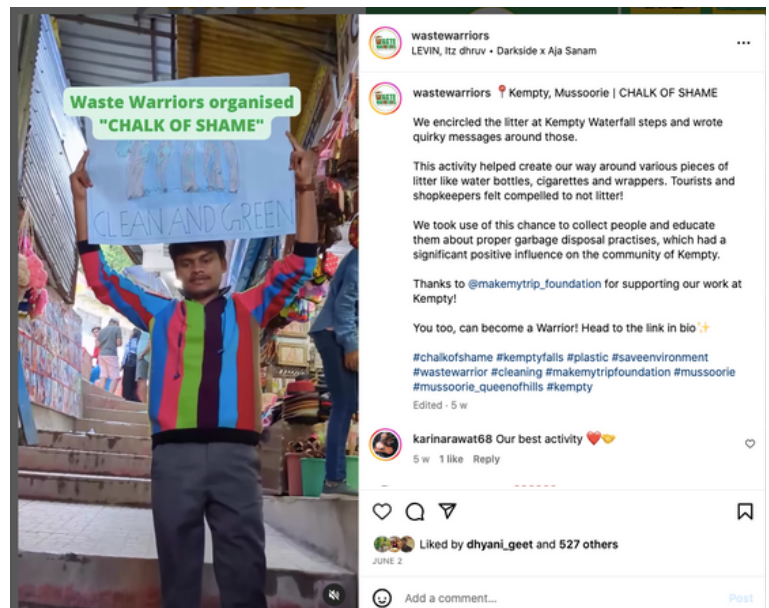
[Post Link](#)

REACH  
6 LAKH+



KACHRA MAN

[Post Link](#)



CHALK OF SHAME

[Post Link](#)



# IEC COLLATERALS

**Hi! We couldn't meet.**  
Our beautiful Kempy is filling up with waste everyday. Come, let's take action now to stop plastic pollution together.

**Do not throw or burn your waste!**  
Follow these steps for proper disposal of your waste:

**Step 1** Segregate your waste into wet, dry, and hazardous  
**Step 2** Give your segregated waste to the waste collection vehicle  
**Step 3** Your dry waste will go for reprocessing and recycling  
Drop off your DRY WASTE at the Dry Waste Storage Unit

Always remember, segregate your waste in three categories:

Dry Waste	Wet Waste	Hazardous Waste
Plastic, Paper, Metal, Glass, Cloth, Textiles, E-waste, Batteries, Broken glass, Waste, Ink & Rubble	Vegetables, Fruits, Food waste, Egg shells, Meat & Bones, Fish, Leftover food, Household Appliances	Acidic waste, Bleach, Paint, Oil, Solvents, Insecticides, Pesticides, Medicines, Flammable liquids, Corrosive liquids, Radioactive waste, Explosives

Contact for more information: 7668232062

**हमें खेद है! हम आपसे नहीं मिल सके।**  
हमारा खूबसूरत केम्पटी हर दिन कचरे से भर रहा है। आइए, अब मिलकर प्लास्टिक प्रदूषण को रोकने के लिए कदम उठाएं।

**अपना कचरा न फेंकें न जलाएं!**  
अपने कचरे के उचित निपटान के लिए इन चरणों का पालन करें:

**Step 1** अपने कचरे को तीन अलग-अलग बाल्टियों में अलग करें  
**Step 2** अपने अलग-अलग कचरे को कलेक्टर वाहन को सौंप दें  
**Step 3** आपका सूखे कचरा रू-प्रसंस्करण और रीसाइकलिंग के लिए जाएगा

हमेशा याद रखें, अपने कचरे को तीन श्रेणियों में अलग करें:

सूखा कचरा	गीला कचरा	खतरनाक कचरा
प्लास्टिक, कागद, धातु, कांच, कपड़े, कपड़े, इ-वस्तु, बैटरी, टूटे कांच, कचरा, इंक & कचरा	सब्जियाँ, फल, भोजन के अवशेष, अंडे की छिलका, मांस & हड्डियाँ, मछली, बाकी भोजन, घरेलू उपकरण	अम्लीय कचरा, ब्लीच, पेंट, तेल, घुलनशील, कीटनाशक, कीटनाशक, दवाइयों, ज्वलनशील तरल, क्षारीय तरल, रेडियोधर्मी कचरा, विस्फोटक

अधिक जानकारी के लिए संपर्क करें: 7668232062

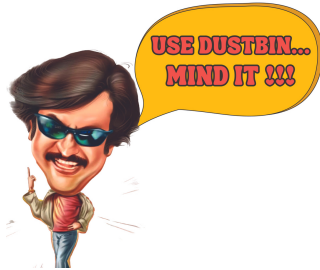


**Put Dry Waste Only**  
And we will send it for recycling

**DO NOT PUT WET WASTE HERE**

**Sookha Kachara Hi Daalen**  
Aur hum ise recycling ke lie bhej denge

**GEELA KACHARA BILKUL BHI NA DAALEN**



**KODDA PHEKE WALE**  
JUNE HUM HOYE HAIL...  
SUNDARCA UTNI HI  
JYAADA ROTI HAI

Did you know plastic bags stay in the environment upto 20 years?

**AYE! KODDA PHEKA KYA?**  
**THALAIVA IS COMING**

Did you know glass bottles stay in the environment upto million years?

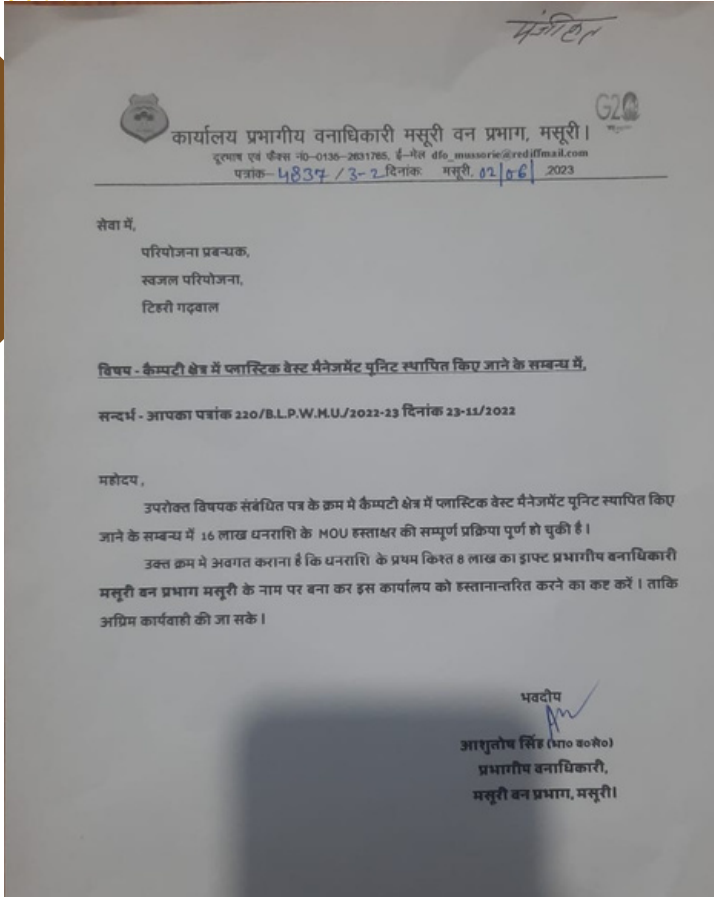
**KODDA KOODEDAN ME HI DAALA**  
**MOGAMBO, KHUSH HUA**

Did you know aluminum cans stay in the environment upto 200 years?

**YEH PHEKA HUA KACHRA**  
**BAHUT MAHENGA**  
**PADEGA THAKUR**  
**BAHUT MAHENGA**

Did you know chips packets stay in the environment upto 100 years?





# LETTER SUBMITTED

Letter to Swajal for MRF extension

# MEDIA COVERAGE

Clean up drive conducted with forest department officials in the month of May.

## कैम्पटी रेंज में चलाया वृहद सफाई अभियान



कैम्पटी। मसूरी वन प्रभाग के अंतर्गत कैम्पटी रेंज में वन क्षेत्राधिकारी लाखीराम आर्य के नेतृत्व में वृहद सफाई अभियान चलाया गया जिसमें वन विभाग की टीम, वन पंचायत संरक्षकों, फायर वाचर, वेस्ट वारियर की संयुक्त टीम द्वारा करीब 100 किलो प्लास्टिक एकत्रित किया गया। इसके साथ साथ सभी फायर वाचरों को ग्रीष्मकालीन सीजन को देखते हुवे निर्देशित किया गया कि यदि कोई भी व्यक्ति वनों में आग लगाते हुवे पाया गया तो उनकी तत्काल वन विभाग को सूचना दें। साथ ही वनों को आग से बचाने हेतु ग्रामीणों को भी जागरूक करें। इस दौरान सभी फायर वाचरों को पर्यावरण सुरक्षा हेतु प्रतिज्ञा भी दिलाई गई। जिसमें बताया गया कि पर्यावरण की रक्षा के लिए अपनी दैनिक जीवन शैली में हर

संभव बदलाव करने का प्रयास करें। वहीं रेंज अधिकारी लाखीराम आर्य ने बताया है कि हमारी रेंज में फायर को लेकर अभी तक कोई भी सूचना नहीं है साथ ही सभी वीटों में फायर वाचर रखे गये है यदि रेंज के अंतर्गत यदि कोई भी फायर की सूचना मिलती है तो वन विभाग की टीम पूरी तरह से तैयार है। इस दौरान वन क्षेत्राधिकारी लखीराम आर्य, उप वन क्षेत्राधिकारी नीलकंठ शर्मा, वन दरोगा जतन दास, संसार सिंह पंवार, फते सिंह रावत, सरदार सिंह गुसाई, प्रेम सिंह रावत, राशि शर्मा, गीता राणा, अजीत सिंह कैतुण, वेस्ट वारियर्स टीम से मोडरन महेन्द्र, फायर वाचर राहुल सिंह, मुकेश वर्मा, भरत सिंह, सरदार सिंह सजवाण, सुरेंद्र सिंह, दिनेश सिंह, दीपक सिंह महेन्द्र सिंह, आदि के साथ-साथ अनेक लोग मौजूद रहे।

# MAKE MY TRIP FOUNDATION VISIT

DATE - 21st June 2023



# WASTE WARRIORS

REDUCE RE-USE RECYCLE

Head Office Address:

Waste Warriors Society  
136/2/2, Shivam Vihar,  
Jakhan, Rajpur Road,  
Dehradun, Uttarakhand, 248001

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## Thank You. Let's Discuss.

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[Info@wastewarriors.org](mailto:Info@wastewarriors.org)



[www.instagram.com/wastewarriors](https://www.instagram.com/wastewarriors)