

MONTHLY PROJECT REPORT

JUNE 2022

KEMPTY FALL



SUPPORTED BY:

IN PARTNERSHIP WITH:



**MAKEMYTRIP
FOUNDATION**



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WORLD ENVIRONMENT DAY

On June 5th, on the occasion of World Environment Day, we collaborated with the Forest Department and Kempty Falls Business Association for our 5th clean-up drive, near the lower Kempty waterfall area. Local volunteers and a team from the Hans Foundation joined us for the cleanup.

We delivered the message to make Kempty a zero-waste destination by keeping our land, forest, and water sources waste-free.



Key Highlights

- 140 kgs of dry waste comprising of high and low value plastics, glass bottles, cardboard, etc. was collected
- 25 volunteers were mobilised and participated in the drive
- The waste was sent to the CCELS MRF for further sorting and auditing
- Major stakeholders participating in the cleanup drive
 - Mr. Sundar Singh Rawat (President - Vyapaar Mandal, Kempty Fall)
 - Mr. Subhash Ghildiyal (Forest Ranger, Mussoorie Range)

AWARENESS ACTIVITIES

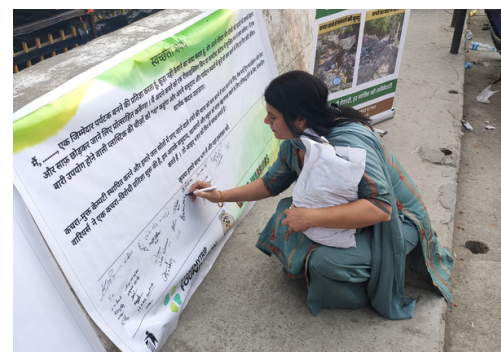
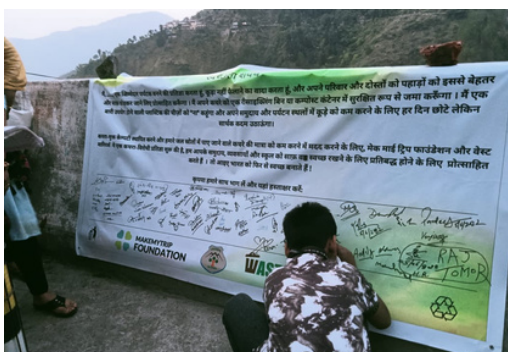
WASTEMAN - "AAPKA KACHRA AAPSE MILNE AAYA HAI"

- We organised a unique awareness event for tourists and local businesses to raise awareness on proper waste segregation practices
- A "Wasteman" dressed up in a costume made up of different types of waste reached out to more than 150+ shops to give a message of "Our Waste, Our Responsibility".
- The "Wasteman" talked about basic waste management practices with the restaurant including dry and wet waste segregation, avoiding single-use plastic, kitchen waste management etc.



ANTI-LITTERING PLEDGE SIGNING

We organised an anti-littering pledge signing drive at the Kemptoy Fall area where we engaged with hundreds of tourists to raise awareness on littering and waste segregation. A total of 70 people pledged to not litter and in making our tourist destinations cleaner and better.



CAPACITY BUILDING INITIATIVES

SAFETY TRAINING

- As part of the World Environment Day celebrations, we facilitated a training session for all Zila Panchayat sanitation workers where we discussed safety measures to be taken during collection and transportation of waste.
- We had an open discussion regarding current problems and concerns and documented their suggestions in order to improve the working conditions of all those associated with waste management and sanitation services.



SAFETY KIT DISTRIBUTION

- The sanitation workers are exposed to health hazards and several diseases under their current scope of waste collection and toilet cleaning
- Considering the upcoming monsoon season, we have distributed safety kits to the Zila Panchayat sanitation workers.
- The kit includes safety gloves, mask, rain coat, and a bottle of sanitizer.

DARK SPOT TRANSFORMATION

- We transformed one of the recently formed dumpsites in Kempty region. The dumpsite had been growing, rapidly damaging the immediate and neighboring environment considering it was either being burned or was going downhill towards the valley.
- We collected almost a ton of waste from the dumpsite, which was sent it to the Material Recovery Facility in Harrawala for further processing. We also put an anti-littering sign board in front of transformed spot to raise awareness against littering and burning of waste.

BEFORE



AFTER



AUDIT OF THE WASTE RECOVERED FROM THE TRANSFORMED SPOT

Item	Type	Quantity (kg)
LDPE	Plastic-based	6
Low value plastic	Plastic-based	24
Black polythene	Plastic-based	12
Glass	Glass-based	19
Tetrapak	Plastic-based	1
Used Bags	Paper-based	6
Shoes	Rubber-based	10
Mix Plastic	Plastic-based	5
Cardboard	Paper-based	2
	Total (kg)	85
	Inert Waste (kg)	285
	Total (kg)	370

WASTE AUDIT OF DUMPSITE

To understand the type of waste getting generated and to strategize our intervention with businesses at Kempty fall area, we audited the waste of the oldest and biggest dumpsite in Kempty. We collected a sample of ~500 kgs of waste, which was sent to the Harrawala Material Recovery Facility for sorting and auditing.

Analysis and Conclusions

- The area generates high volume of low-value plastics such as MLP and LDPE, which accounted for 31% of total waste. This can be a result of high sale of packaged foods and can be recovered for board manufacturing, road construction etc.
- TetraPak accounts for almost 17% of the total waste, which can be accounted to TetraPak milk consumed at restaurants and hotels. Similar to the low-value plastic recovery, this material can be recycled into boards and other items.



WASTE AUDIT DATA OF COLLECTED SAMPLE

Item	Type	Quantity (kg)
Glass	Glass-based	28
TetraPak	Plastic-based	93
LDPE	Plastic-based	4
Mix Plastic	Plastic-based	28
Used bags	Plastic-based	40
Cardboard	Paper-based	9
Low value plastic	Plastic-based	175
MLP	Plastic-based	4
Black Polythene	Plastic-based	2
Inert Waste (kg)		187
	Total (kg)	570

DAILY WASTE COLLECTION DATA

Sr.No.	Received at MRF(Collected by ZP)	Clean - Up waste	Weight (KG)
1	Y		70
2	Y		75
3	Y		80
4	Y		85
5	Y	140	90
6	Y		68
7	Y		77
8	Y		40
9	Y		24
10	Y		0
11	Y		20
12	Y		11
13	Y		0
14	Y		0
16	Y		45
17	Y		19
18	Y		0
19	Y		0
20	Y		15
21	Y		50
22	Y		48
23	Y		31
24	Y		24
25	Y		35
26	Y		11
27	N		0
28	Y		72
29	Y		0
30	N		36
31	Y		10
	Total		1036

****MLP, TetraPak, and Low-Value Plastic****

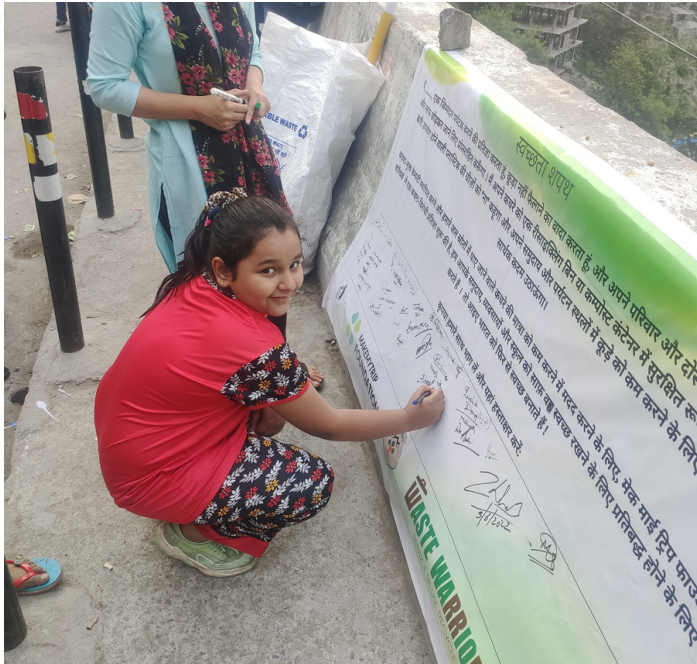
WAY FORWARD

- Conduct meetings with stakeholders to decide roles and responsibilities to improve and institutionalize waste management in the Kempty area
- Mapping and installing 5 additional storage points in the Kempty Fall market area and Kempty village.
- Conduct IEC activities in Kempty village with commercial establishments
- Monitoring of current waste collection vehicle to capture segregation and waste collection data
- Tree plantation drive on the transformed dark spot
- Meeting with business association and CCELS to decide on user fee collection structure (collection, deposit, and usage)
- Organize workshop with Kempty Fall business association members on waste collection, segregation, and storage
- Clean-up drives in the Kempty village area
- Plastic Lao, Ration Pao campaign for Zila Panchayat workers and waste pickers of the area
- Organize a workshop in Banglo Ki Kandi village, including the self-help groups, on establishing waste collection, segregation, and user-fee collection

STAKEHOLDERS INVOLVED

SR NO.	STAKEHOLDERS	ROLE
1	 MAKEMYTRIP FOUNDATION	Funding, Monitoring and Accountability setting
2		Permissions, monitoring and guidance
3	 WASTE WARRIORS REDUCE RE-USE RECYCLE	Project planning, monitoring, and implementation
4		MRF operations and consultation
5	 उत्तराखण्ड राज्य	Waste transportation and Waste collection

A GLIMPSE



WASTE WARRIORS

REDUCE RE-USE RECYCLE

Head Office Address:

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136/2/2, Shivam Vihar,
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Thank You. Let's Discuss.



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