



WASTE WARRIORS

REDUCE RE-USE RECYCLE

Dharamshala, Himachal Pradesh

Model Ward Program
Quarterly Report
(July - September, 2020)

In Partnership With



Supported By



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Model Ward Program Components

Source Segregation of Waste

Pre-lockdown, awareness on source segregation of waste was being conducted through community workshops and door-to-door (DTD) outreach. Our team conducted daily in-person awareness to households during municipal DTD waste collection, having reached out to **424 households**.

In-person IEC was paused during the lockdown and so were the community-level workshops. We continued mobilizing households and community members through virtual platforms such as Google Meet and WhatsApp groups, engaging **143 citizens**. Remote engagement of community members included inter-colony competitions such as slogan writing, an initiative to segregate and save milk packets, and an 'alag karo click karo' source segregation contest.

Upon resuming DTD awareness-raising with on-foot workers, servicing **~150 households**, 67 have started giving source segregated dry waste on Mondays and Thursdays. We continued providing bags for source segregated waste storage to 149 households, having **distributed 259 bags** in total. Whenever required, we provide bags to waste workers to facilitate effective collection of source segregated waste.



Home Composting

During our virtual workshops and correspondences, we educated and encouraged households to initiate composting at household level. Mrs. Santosh Sharma, a Ward 7 resident of Depot Bazar, effectively started composting organic waste as a result of a one of our workshops. Mrs. Sharma documented her experience helping us develop an informative video promoting composting at household level.

Swachhta ke Sipahi

Our team has identified several Swachhta Ke Sipahi in Ward 7 who segregate their waste at source, initiated home composting, uplift their waste worker, support our transformation efforts, and encourage their neighbors and local community to do the same. We have identified 4 such active citizens, such as Mrs. Santosh and Mrs. Ritika, since the lockdown, having recognized a total of **8 Swachhta Ke Sipahi** promoting best practices in Ward 7.



Dry Leaf Composting Units

With support from the Dharamshala Municipal Corporation, our team has installed **6 dry-leaf composting units** since the lockdown. These units are placed to be in easy access for households and municipal road sweepers. We plan to work in collaboration with the road sweepers and engage a local self-help group to close the loop in maintaining and managing the end-product of the units.



Decentralized Dry Waste Storage & Composting Units

To bridge ward-level infrastructural gaps, Dharamshala Municipal Corporation has approved our request for a ward-level dry waste storage space along with a vehicle from the municipal hauler for collection of segregated dry waste.

Upon land identification of dry waste sorting area, our team will install a composting unit where formalized waste pickers will process the organic waste collected from households.

The separate Material Recovery Facility in collaboration with Dharamshala Smart City Ltd. and Dharamshala Municipal Corporation will serve as the ward-level storage space for Ward 8, also being undertaken by our team to transform it into our 2nd model ward.

Waste Workers Upliftment

Our team has started conducting monthly trainings for ward level waste workers during the pandemic to ensure worker safety and hygiene. These trainings include empowering the workers to educate households to segregate their waste at source. Our team encourages them to segregate their collected waste before we buy their recyclables. As part of our larger waste worker upliftment work, we

collaborated with the Indian Red Cross Society and have conducted free health camps addressing all the waste workers of Dharamshala. With support of this partnership, we will be organizing health camps for the municipal contracted sanitation workers in our model wards. Since April, our team has conducted **4 health camps and 5 waste worker trainings**, including 2 ward-level trainings, in the city.



Public Space Transformation

We have installed **4 signboards** since the lockdown in collaboration with the Ward 7 community through 2 slogan competitions. These signboards recognize the creative contributions and have been placed in areas that active citizens are from, encouraging others to participate.

With support from the Dharamshala Municipal Corporation, we have installed **25 metal planters**, diverting plastic waste from the municipal landfill.

During the lockdown, Waste Warriors Green Workers cleared **6 heavily littered spots removing 939 kgs of waste** in Ward 7. We will further beautify these spaces with signboards, murals, and other attractive installations.

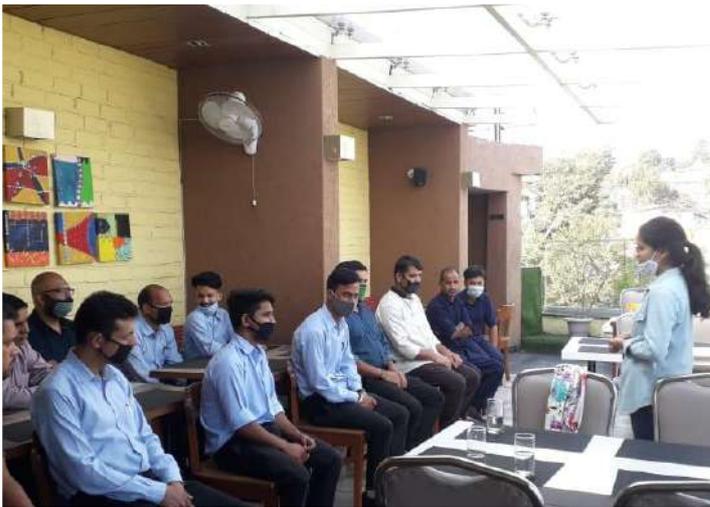
Ward 7 active citizens also assisted our team in partnering with local entities such as **Nehru Yuva Kendra, Rotary Club, and Inner Wheel Club** increasing community participation and co-sponsored space transformation efforts.



Clean Business Program

Due to the pandemic and limited operations in Upper Dharamshala, we moved the Clean Business Program's implementation to businesses of Ward 7.

Once lockdown restrictions were lifted, we **enrolled 12 businesses** and are conducting staff trainings on the program criterias. Our team has distributed 100+ awareness-raising materials to businesses according to their needs. We are following up with every business on a weekly basis and helping them achieve the 5 criteria to become a Clean Business.



Program Achievements

Program Components	Achieved
WM & IEC in Ward 7- Households	424
Households segregating waste	67
Clean Business Program - Buneses Enrolled	12
Space Transformation Projects	1
Clean Up Drives	6
Community Based Workshops	6
Dry-Leaf Composting Units	6
Signboards	4
Bags Distributed	259
Active Citizens	4

SWACHH SURVEKSHAN 2020

Dharamshala

956th in 2019

629th in 2020

= 327-rank jump

Our Challenges

1. The Model Ward Program requires strong stakeholder collaborations, most importantly with the municipal waste hauler. Non-cooperation from the ward-level waste hauler has been a major challenge as the hauler changed this year. Despite the official approval received from the Dharamshala Municipal Corporation regarding IEC in the model wards, it's been difficult getting the respective supervisors on board for consistent messaging through their workers and their trainings.
2. As a result of hauler delays, the team has been facing difficulties in its DTD IEC as the workers and the vehicle has not been given fixed timings for daily waste collection. The collection vehicle is not partitioned and does not stop at fixed locations to collect segregated waste from households.
3. We observed that many households had not been covered during our IEC due to the locational density of houses which were later identified by the DMC-led self-help group collecting DTD user fees.

Way Forward

1. As per the approval from the Dharamshala Municipal Corporation, we will be working towards identifying a space for ward-level dry waste storage.
2. Upon improving hauler relationships, our team will ensure a vehicle allocation for collection of segregated dry waste on the allocated days of the week.
3. Additional DTD IEC will be conducted on a monthly basis in collaboration with the self-help group collecting ward-level DTD user fees.
4. The upcoming Material Recovery Facility will support the infrastructural gaps currently experienced in processing and further sorting of dry waste. This will be especially beneficial in the new ward under the Model Ward Program, making it easier for the DTD workers and community members to drop off segregated dry waste at the MRF.



Testimonials

**Municipal Commissioner,
Dharamshala Municipal Corporation**

"Waste Warriors has successfully expanded their area of work and have achieved a specialization in solid waste management. The team is young, energetic, and dynamic. Through our regular interactions in the past one year, I have noticed their persistence and hard work. whose thoughts and energy has been consistently very high which I have noticed throughout. Waste Warriors have done a good job in IEC in Upper Dharamshala region for the past 10 years. We have received the proposal of setting up an MRF from Waste Warriors and we are actively working towards allocating land under Smart City. The MRF along with the efforts of making Ward 7 an ideal ward, I am sure we can make Dharamshala one of the cleanest cities."



**Prem Sood,
Bureau In-Charge, Dainik Bhaskar**

"The initiatives taken by Waste Warriors to coordinate with Municipal Corporation is highly commendable. The door-to-door collection of waste and making community aware of how to segregate wet and dry waste, making it easy to dispose trash and cleanliness of the society. The scope or next target should be to start this process by covering the complete city. Residents of Ward 7 with the help of Mitali and her complete team have come a long way to continue this activity."



**Aarti
Ward 7 Safai Saathi**

"We have been working with Waste Warriors in raising awareness among households for source segregation of waste in Ward 7. Along with this, Waste Warriors provided us with bags for collection of dry waste twice a week which ensures its better management and helps waste workers earn extra through selling of recyclables."



**Capt. R.S. Thakur, Principal,
Govt. Senior Sec. School, Khanyara Khas**

"Cleanliness is next to Godliness. Waste Warriors are doing a great job by cleaning this part of the Himalayan region. Since the past few months, the eco club of Govt. Sr. Sec. School, Khanyara, got the opportunity to participate in the Swachhta Ki Pathshala program. Students are learning new methods to eliminate waste through reduce, reuse, and recycle. I hope we as a team, with Waste Warriors, will develop a culture of cleanliness and clean our surroundings in near future."





I Am A



WASTE WARRIOR

I Segregate My Waste!

DRY / RECYCLABLE

WET / ORGANIC

DRY WASTE / सूखा कूड़ा



PLASTIC PACKS
प्लास्टिक पैकेट



GLASS BOTTLES
कांच के बोटल



PLASTIC BOTTLES
प्लास्टिक बोटल



TETRA PAK
टेट्रा पैक



ALUMINIUM FOILS
एलुमिनियम फॉइल



MILK PACKETS
दूध के पैकेट



EGG TRAYS
अंडे के ट्रे

ORGANIC WASTE / जैविक कूड़ा



MEAT SCRAPS
मांस की हड्डियाँ



VEG/FRUIT PEELS
सब्जी/फलों के छिलके



TEA/COFFEE
चाय/काँफ़ी



BROKEN
EGGSHELLS
अंडे के छिलके



LEFTOVER BAKERY
PRODUCTS
बचे हुए बेकरी

Office Address:

Waste Warriors Dharamsala

Anand Bhawan, Dane Rd.

Near Forest Dept. Office, Chilgari

Dharamsala, HP - 176215



dharamsala@wastewarriors.org



[@wastewarriors2](https://www.facebook.com/wastewarriors2)



www.wastewarriors.org



+91 78763 55751

