

DEVELOPING CLIMATE RESILIENT LIVELIHOODS IN THE VULNERABLE WATERSHED IN NEPAL (DCRL)

WEEKLY HIGHLIGHTS

25-30 SEPTEMBER 2022, ISSUE-12

Establishment of Rainwater Harvesting (roof to root) System



Construction of rainwater harvesting system at Siddhicharan-I, Taluwa

Date and place/venue: September 2022, Taluwa, Siddhicharan-1

Organizer: DCRL

Objective: To harvest an adequate quantity of water for domestic and agricultural purposes during the dry period.

Beneficiaries: 30 households with 6 HHs in each group from five groups namely; Tinpipla Krishak Samuha, Udhamshil Bahuudesiya Krishak Samuha, Dakshinkali Misrit Bahuudyasiya Krisak Samuha, Ganeshthan Purush Samudiyik Sanstha, and Ganeshthan Mahila Swastha Aama Samuha.

Additional Information:

Rainwater (roof water) harvesting has been completed among 30 households for multiple uses. This is carried out by collecting rainwater from the roof and utilizing the collected water for multiple uses such as agricultural and domestic purposes during the pre- and post-monsoon periods (dry months).

The key activities included:

- Site clearance for the construction of ponds.
- Construction of trapezoidal ponds with a 1:1 side slope and a rectangular portion of 4m X 4m.
- Fabrication and installation of 6"x6" rectangular gutter along with required elbow and other fittings.
- Connection/installation of HDPE pipe to transport roof water from the gutter to the pond.
- Laying of 200 GSM silpaulin in the pond to prevent seepage.
- Transmission of water from ponds to the field by siphon action.

Contact for further information: Dinesh Kumar Shah, Field Coordinator-DCRL

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Water source Protection Work



Water Source protection work at Kepalishgadhi

Date and place/venue: September 2022, Khotang

Organizer: BMC Koshi/DCRL

Objective: In drought-prone areas, water source protection is to ensure the most efficient use of available water and to encourage groundwater recharge through contour trench construction.

Additional Information:

Among several planned activities targeting IWM currently, nine water source protection works are completed in Khotang through LOA partner BMC Koshi this week. In total, 113 water sources protections are completed and 103 are ongoing in the field to this date.

Three water sources protection work have been protected in Halesi Municipality ward no. 6, 5 in Kepilashgadhi Rural Municipality-3, and 1 in Kepilashgadhi Rural Municipality-4 this week.

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