Consulting Service for Construction of Decentralized Wastewater Treatment System (DEWATS)

Status: Ongoing

Project Partner: Dhulikhel Hospital and Niva Rain Pvt. Ltd.

Project Area: Dhulikhel Hospital, Kavre

Project Duration: June 2017 to December 2019

Aim:
To design, estimate and supervise the construction of DEWATS at Dhulikhel Hospital premises, Kavre.

Project Description:
In 1997, ENPHO introduced Nepal’s first constructed wetland system for the wastewater management in Dhulikhel Hospital. Last year, Dhulikhel hospital decided to construct new DEWATS to accommodate the wastewater generated from the extended hospital. ENPHO provided technical support to design and supervise the construction of DEWATS in Dhulikhel Hospital. Furthermore, ENPHO provided the operation and maintenance training for caretakers for the sustainability for DEWATS. The system has been design to treat daily wastewater from 1500 population.

Project Outputs:
- Prepared a detail engineering design report;
- Providing construction supervise and technical assistance to construct DEWATS.

Major Achievements:
- Final Design report on establishment of DEWATS in Dhulikhel Hospital prepared.

Beneficiaries:

Total Beneficiaries from the project: 1,500 people