Pilot Implementation of FSM Standard in Nepal-Mahalaxmi, Lalitpur as Pilot Municipality

**Status: Ongoing**

**Project Partner:** Bill and Melinda Gates Foundation, Mahalaxmi Municipality, Kathmandu Valley Water Supply Management Board (KVWSMB), National Bureau of Standards and Metrology (NBSM)

**Project Area:** Mahalaxmi Municipality and replication in two Municipalities (to be identified)

**Project Duration:** January 2019 to June 2021

**Aim:**

- To test the application of ISO 24521 guidelines for the management of basic on-site domestic wastewater services and thereby help improve environmental sanitation conditions in Mahalaxmi Municipality, and;
- To draw lessons from this piloting experience and evidence to recommend adoption of the ISO 24521 guidelines at the national level through policy and practice changes.

**Project Description:**

ENPHO is supporting pilot implementation of the ISO 24521 guidelines for the management of basic on-site domestic wastewater services in Mahalaxmi Municipality. To achieve this objective, ENPHO is collaborating with the Municipality, KVWSMB, NBSM and other relevant stakeholders. The project, which is supported by the Bill and Melinda Gates Foundation (BMGF) under grant assistance, is the first of its kind in Nepal and globally.
The Project has three interrelated expected outputs:

Output 1: National adoption of ISO 24521 guidelines by National Bureau of Standards and Metrology;

Output 2: Implementation of ISO 24521 guidelines in Mahalaxmi Municipality as a pilot initiative and, based on lessons learnt, replicate in an additional Municipalities; and

Output 3: Documentation of impact of implementation of ISO 24521 FSM guidelines and influence policy and practices on domestic wastewater management

**Project Outputs:**
- Project kick-off meeting organized with participation of 47 participants from 27 various organizations;
- Formation of Technical Assistance (TA) team under ENPHO to provide the necessary and high quality technical, management and advisory support;
- Project planning workshop organized;
- Site assessed and identified in the municipality for the construction of Faecal Sludge Treatment Plant;
- Technical Sub-committee formed to review ISO guideline and submit recommendations to the Technical Committee;
- Terms of Partnership signed between Mahalaxmi Municipality, KVWSMB and ENPHO;
- Potential service providers for Mahalaxmi Municipality assessed.

**Major Achievements:**
- Project progress report prepared;
- Mapping report of private desludging services prepared;
- Drafted FSM status report and FSTP site assessment report prepared;
- Preliminary assessment report of co-treatment opportunities prepared;