

# Synopsis

## Faecal Sludge Management (FSM) By-Laws

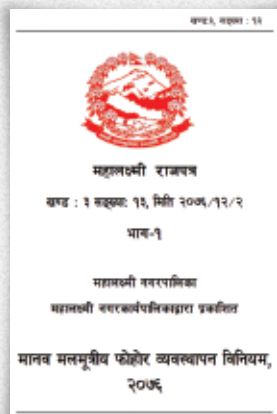
Mahalaxmi Municipality, Lalitpur

### What is FSM By-Laws?

Access to safe water and sanitation has been included as a fundamental right in the New Constitution of Nepal (2015). However, the haphazard disposal and unsafe management of faecal sludge generated from onsite sanitation system have polluted water bodies and environment posing a threat to the public health. In this context, this Faecal Sludge Management (FSM) By-Laws is the By-Laws developed by Mahalaxmi Municipality, Lalitpur for the safe management of faecal sludge in the municipality. Mahalaxmi Municipality, Lalitpur approved this FSM By-Laws through its 7<sup>th</sup> Council Meet held on 11 March 2020.

### Why FSM By-Laws?

In accordance with the provisions made in: (a) Clause Jha (1), pg 23: Formulating policy, Act, standards, planning, implementation and regulation, Local Governance Operation Act (2074), and (b) Clause 8 (2) Ga, pg 6, Roles and Responsibilities, Water and Sanitation Bill (in parliament), Mahalaxmi Municipality, Lalitpur approved and issued this By-Laws for application throughout the Municipality for safe management of faecal sludge. To contribute to the realization of the municipality's vision of "A clean, hygienic, prosperous and beautiful city", sanitation services shall be operationalized and regulated as per this By-Laws for the safe management of on-site domestic sanitary waste thereby reducing risk to the public health and the environment.



[www.mahalaxmimun.gov.np/ne](http://www.mahalaxmimun.gov.np/ne)

### What are included and not included in FSM By-Laws?

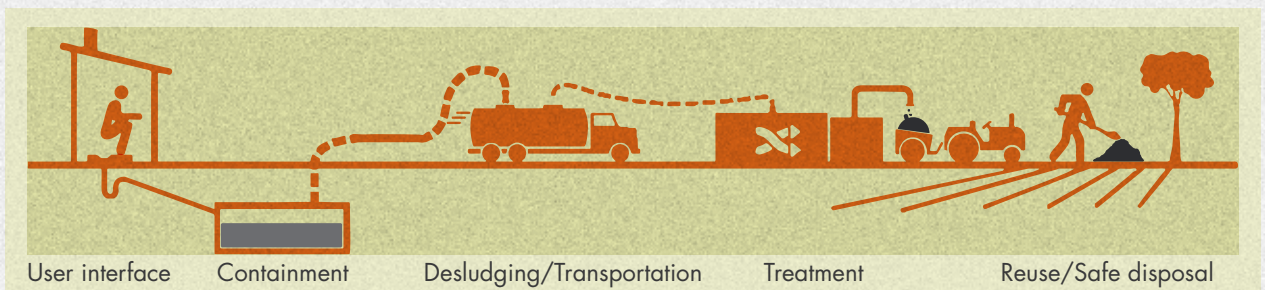
#### What are included?

The scope of this By-Laws is primarily limited to non-sewered, on-site sanitation and includes:

- Safe collection, treatment and disposal and/or reuse of faecal sludge management to an accepted standard, and
- The promotion of appropriate practices for faecal sludge management.

#### What are not included?

This By-Laws does not cover solid waste disposal, sewerage sanitation, surface water runoff, industrial discharges requiring specialized treatment for animal wastes from domestic or commercial farming.

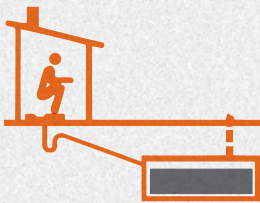


Sanitation Service Chain



# Provisions Included In FSM By-Laws

## Provision for Containment



- Septage should be treated at the septic tanks, stabilized pond or other technology approved by the concerned authority;
- All applications for new house permits shall include design of the standard septic tank or improved technology. Otherwise, no building permit shall be issued for new house or building;
- Existing structures shall have to mandatorily upgrade their existing septic tanks to the standard septic tanks within their premises.

## Provision for Desludging and Transportation



- Septic tanks must be desludged at least once every three years;
- The transport vehicle for the faecal sludge shall be of standard quality with visible logo stating the purpose and fitted with tracking system;
- The faecal sludge should be disposed at designated treatment plant or approved sites;
- Desludgers should adopt best practices for health and safety of the public and workers.

## Provision for Treatment, Disposal and Reuse



- In accordance with NS/ISO 24521 guidelines and FSM Institutional and Regulatory Framework, the Municipality shall construct and operate a faecal sludge treatment plant;
- The Municipality shall undertake operation, maintenance and periodic inspection of the faecal sludge treatment plant;
- The Municipality shall operationalize public-private - NGO coordination, cooperation and partnership for the operation of the treatment plant and marketing of end-products.

## Service Charge

- The Municipality can materialize appropriate sanitation tax for the effective management of faecal sludge;
- The Municipality shall develop and operationalize a sustainable business model determining the fees payable for services and fees collection modality;
- The Municipality may establish a separate fund for the effective faecal sludge management and promotion and sustenance of sanitation service chain.

## Supervision and Monitoring

- The Municipality shall regularly supervise and monitor the compliance to the provisions of this By-Laws;
- The information to be collected and recorded will include sanitation situation analysis, documentation and its update; volume and quality of septage collected and treated; tanker logs and revenue and expenditure.

## Penalties

- Failure to comply with the provisions of this FSM By-Laws shall incur fines and penalties for violation.