

Solid Waste Management

More than 70% households in Machhegaun use compost in their field. The programme will assist in the domestic solid waste management by introducing the new technologies which is best applicable for the area. Awareness building and training on managing waste at source including composting, source segregation, and recycling will be considered for sustainable solid waste management in the community level. The programme will also help to make the strategic plan as well as attempt community to implement the plan.



Environment and Sanitation Education

The participation of local people including children will be encouraged in environmental sanitation and hygiene improvement activities, the programme will help to train, educate and mobilize the community. The community will be mobilized to promote educative and awareness building programmes.

Neighbourhood Environmental Improvement: Storm Water Drain/ Paving

Open storm water drainage system seems in the most area of Machhegaun. The programme will help in the improvement of the drain as well as the unmanaged lanes. Community based drainage and paving management system will be developed for sustainable management neighbourhood environment improvement.



Advocacy and Capacity Building

With the various trainings and programmes the local community will be empowered, so as to enable them to raise voice for the right to access portable water and sanitation facilities. Women and urban poor will be the main target group.



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MACHHEGAUN

Water, Environmental Sanitation and
Hygiene Programme



 WaterAid



Machhegaun Water, Environmental Sanitation and Hygiene Programme

With the rapid urbanization in the country, extension and management of water supply, sanitation and infrastructures in the cities have emerged as a challenge which is mostly faced by municipalities of Nepal. The low investment made, particularly in peri-urban and poor settlement has resulted in their environmental degradation and left out in the pace of development in these cities. In this context Centre for Integrated Urban Development (CIUD) in collaboration with local communities is carrying out Water, Environmental Sanitation and Hygiene activities in such areas focusing to poor and deprived communities. These initiatives will support to meet the Millennium Development Goals set by UN.



Programme Area

Machhegaun VDC, the named was derived from the one of the popular temples of lord Bishnu “Machhenarayan” which is located in Kathmandu district near Kirtipur municipality. The programme covers 1.594 square km and the area lies at the altitude 1364m. The current population of this area is 3,390 with 719 households.

Programme Objectives

- To enhance access and control of local residents to safe water and sanitation
- To explore and promote appropriate alternatives on economic, social, technical and institutional aspects of services and facilities concerning urban water supply and sanitation.
- To aware the community on sustainable use of water, health, hygiene and sanitation practices
- To present a model of community implemented programmes in coordination with local authorities.

Implementation

Machhegaun Environment Improvement Committee has been established on 10th May 2008. This committee will implement the programme in collaboration with CIUD, Machhegaun VDC and other stakeholders while Water Aid Nepal will monitor and provide necessary guidance to it. Water Aid Nepal, other interested support institutions and local community will contribute funds required for this programme.



Major Activities

Improvement of traditional water supply sources/ Construction of the water supply system

The main source of water in Machhegaun is the spring water; currently the water sources being used are mainly traditional sources, tap water and private well. This programme focuses on conservation of the traditional water sources as well as construction of the water supply system. Some of the activities proposed to improve the delivery of water in this settlement are: building awareness on water quality, local level water management, water conservation and rain water harvesting.



Construction and Improvement of Toilets

One of the major objectives of the programme is to make the Machhegaun VDC No Open Defecation (NOD) zone. Building awareness for total sanitation, technical support in toilet construction, fecal sludge management and encouraging use of environment friendly toilet like ECOSAN are some of the activities proposed. Commencement of the programme will be the model of two ECOSAN toilets in project area.