



Ministry of Local Government, Rural Development & Cooperatives
Local Government Division
Local Government Engineering Department (LGED)

6.7 Guidelines for Solid Waste Management

Project Coordination Office (PCO)
City Governance Project (CGP)

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1. Introduction

Rapid urbanization accelerated by industry led economic growth has been taking place in Bangladesh. Potential of economic growth in urban areas is worthy of notice. There are 335 Local Government Institutions which cover 8% of total geographical area of Bangladesh and 30% of total population, while accounting for 60% of total national growth. On the other hand, the negative impact of dramatic change in urban areas is observed. The negative impacts are because the functions of municipalities and city corporations prescribed in Local Government (Pourashava) Act 2009 and Local Government (City Corporation) Act 2009, which are very relevant to the demand of city dwellers and urban development, are not implemented in an appropriate manner. In order to improve the public services provided by urban local governments, several urban development projects are being or were implemented by Local Government Divisions (LGD) and local government and engineering departments (LGED) with financial assistance of different development partners and government's own funds. Based on the experiences gained through implemented projects, effective activities for improvement of urban governance have been formulated as a program that has been well accepted. The urban governance improvement programs have been implemented to ensure good governance of those urban local government institutions namely Paurashava for equal, social harmony and planned development. Initiating urban governance improvement, LGD and LGED with financial support of JICA commenced a project named City Government Project (CGP) in 5 City Corporations.

2. Justifications

Problem of solid waste management is common for all CCs. Comprehensive plan is necessary for solving the solid waste management problem. On the other hand, urgent actions are required for this issue. As an action against the issue of solid waste, CC initiates enhancement of existing Community Groups (CG) as well as develops new community groups in core area to involve solid waste management. CCs also introduce 3R (Reduce, Reuse, Recycle) with CG so that solid waste will be reduced.

3. Relevant Issues of ICGIAP

3.1 Task

Problem of solid waste management is common for all CCs. Comprehensive plan is necessary for solving the solid waste management problem. On the other hand, urgent actions are required for this issue. As an action against the issue of solid waste, CC initiates enhancement of existing Community Groups (CG) as well as develops new community groups in core area to involve solid waste management. CCs also introduce 3R (Reduce, Reuse, Recycle) with CG so that solid waste will be reduced.

Task 1: CC assign Officers in Charge of solid waste management

Task 2: CC establishes primary waste collection system by collaboration with Community Based Organizations(CBOs), Traditional local organization and private sectors

Task 3: CC locates dust bins, solid waste deposits and transfer stations appropriately in collaboration with community

Task 4: CC coordinates to clean solid waste from road and drainage

Task 5: CC collects solid waste in wider area and disposes it into a specific dumping site

3.2 Action by

Responsible engineer(s)

Health officer(s)

Conservancy / Solid Waste Management department

3.3 Time Schedule

Community awareness and participation are necessary

Task1: by mid of 1st year

Task 2-4: by end of 1st batch

Task 5: from 2nd batch

3.4 Indicators

(1) 1st Stage

CC takes action(s) to enhance community awareness and participation in the field of solid waste such as collection, 3R, cleaning of the community

- Officers in Charge of solid waste management are assigned with clear TOR
- CC prepares plans for cleaning operation of road and drainage
- CC prepares map of solid waste deposits (including dust bins, transfer stations) and recognizes location of them
- At least one agreement is made with WLCC concerning operation and management of solid waste deposits
- At least one community group is active in primary solid waste collection in cooperation with CC

(2) 2nd Stage

Solid waste collection coverage and frequency are improved

- 3R (reduce, Reuse, Recycle) training (one of the ICGP governance support programs) at community level is carried out
- CC officials in charge of waste management participate in the training in Japan for solid waste management (one of the ICGP governance support programs)
- The chief officers in charge of solid waste management report their activities to CSCC and CSCC agrees that CC's effort of solid waste management is improved in two years

4. Objectives

Objective of this ICGIAP item is to realize clean CC with CC's appropriate planning and operation, community participation and other actions.

5. Relevant Organizations, Stakeholders and their role

5.1 PCO and PIU

- Coordinate 3R training for CC's community people
- Coordinate solid waste management training in Japan
- Initiate collaboration among CC, WLCC and community groups

5.2 Conservancy (solid waste management) Department

- (Re) define TOR of department and its officers based on ARP analysis sheet (as a part of Activity 2.2 Administrative Reform Committee established)
- Prepare plans for cleaning operation of road and drainage

5.3 Standing Committee for Waste Management

- Make necessary advice and support upon reporting and request from the Head of Conservancy department.
- Discuss and examine CC's actions for solid waste management in relation to budget allocation
- Discuss and make necessary coordination to resolve disputes among wards and communities concerning solid waste management

5.4 CSCC

- Make public comments upon receiving (oral/written) report and request from the Head of Conservancy Department.
- Upon reporting make judgment if conservancy department has improved its service on solid waste management. This is one of the indicators for the 2nd performance review.

5.5 WLCC

- WLCC discuss with conservancy officer(s) concerning the appropriate delivery of dust bins, solid waste deposits and transfer stations
- WLCC agrees if the CC's plan of delivering and operating dust bins, solid waste deposits and transfer station are appropriate. Documents are exchanged.

5.6 Community Groups

- Community Groups collect solid waste from their members and carry to solid waste deposits or transfer stations
- Community Groups makes agreement of collaboration with CC for primary solid waste collection and exchange documents stating the agreement.

6. Necessary Tasks and Procedures

6.1 (Re) Define of TOR of Conservancy Department and its officers

- Head of Conservancy department (re)defines the TOR of Conservancy Department and its officers
- The TOR is approved by the Mayor

6.2 Establishes primary waste collection system

- Identification of existing and potential Community Based Organizations (CBOs), Traditional local organization and private firms that can make collaboration with CC for primary solid waste collection
- Make agreement with organizations mentioned above for collaboration of primary solid waste collection
- Operate coordinated solid waste collection with organizations mentioned above

6.3 CC locates dust bins, solid waste deposits and transfer stations appropriately

- Prepare a plan of distribution for dust bins, solid waste deposits and transfer stations
- Make consensus with CG for the above mentioned solid waste facilities
- Place or replace the above mentioned solid waste facilities

6.4 CC coordinates to remove solid waste from road and drainage

- Conservancy department makes appropriate cleaning plan and carries it out

- Conservancy department allocates necessary manpower and equipment
- Conservancy department requests appropriate budgeting for cleaning to standing committee of solid waste

6.5 CC collects solid waste in wider area and disposes it into designated dumping site(s)

- Conservancy department makes appropriate cleaning plan and carries it out
- Conservancy department allocates necessary manpower and equipment
- Conservancy department requests appropriate budgeting for waste collection to standing committee of solid waste

7. Implementation Schedule

Figure 1.1 Implementation Schedule of Solid Waste Management

		2014/5		2015/6				2016/7				
		1-	4-	7-	10-	1-	4-	7-	10-	1-	4-	
1	Officers in Charge of solid waste management are assigned with TOR	■										
2	CC prepares plans for cleaning operation of road and drainage		■									
3	CC prepares map of solid waste deposits and recognizes location of them		■									
4	At least one agreement is made with WLCC on solid waste deposits		■									
5	At least one community group is active in primary solid waste collection			■	■	■	■	■	■	■		
6	3R (reduce, Reuse, Recycle) training at community level is carried out				■	■						
7	Trainees participate in the training in Japan for solid waste management			■								
8	CSCC agrees that CC's effort of solid waste management has been improved								■			

8. Cost of Implementation (if necessary)

8.1 Employment

- Appropriate number of officers (One director at CC headquarters, 2 conservancy officers at each ward), labors for planning and execution of cleaning and waste collection

8.2 Equipment

- Procurement, operation and maintenance of waste trucks, equipment and facilities
- Procurement/construction and operation and maintenance of dust bins, solid waste deposits and transfer stations

8.3 Cooperation with Community Groups

- Procurement of rickshaw vans, cleaning tools and others upon agreement between CC and community group(s)

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