

Waste Management Survey 2076(2020) Questionnaire

Unofficial translation in English



Government of Nepal

National Planning Commission

Central Bureau of Statistics

Thapathali

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1.Introduction

1.1 General Introduction

1	Name of Municipality		Code	
2	District		Code	
3	Province		Code	
4	Total Area of Municipality (Sqaure Kilometer)			
5	Estabalished year			
6	Total ward no.			

1.2 Respondent Information

1	Name	
2	Post	
3	Gender	
4	Department/Division/Section/Unit	
5	Contact No.	

1.3 Land use information of Municipality

S.No.	Discrption	Area(Square Kilometer)
1	Builtbup area	
2	Agricultural land	
3	Forest	
4	Water bodies	
5	Barren Land	
6	Others (Specify)	
Total		

1.4 Major Rivers/Lakes/Ponds or other water bodies of Municipality

S.No.	Name	Type	Area(Square meter)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Type: 1-River 2-Lake 3-Pond 4- Others *Note : Not needed the area of river*

1.5. Description of Road Network within the Municipality

S.No.	Descriptin	Length(k.m)
1	Black topped	
2	Gravel	
3	Earthen	
total		

2.Organizational and Managerial Description

2.1 Does this municipality has been established Department/Division/Section/Unit for waste management ?

1. Yes 2. No

2.2 Employment status

S.No.	Discriptin	Number of employees		
		Male	Female	Total
1	Total employees of Municipality(Permanent, Temporary, Contract)			
2	No. of employees working in environment sector			
3	No. of employees working in waste management sector			

Note: The reference day for the employ is the enumeration day

2.3 Information about the employees related to waste management

S.No.	Post	Number of employees		
		Male	Female	Total
1	Environment Engineer			
2	Civil Engineer			
3	Mechanical Engineer			
4	Environment Officer			
5	Sub Engineer			
6	Supervisor			
7	Mechanics			
8	Driver			
9	Helper			
10	Sweeper			
11	Municipal Police			
12	Other (specify)			

3. Financial Information

3.1 Expenditure on Waste Management

S.No.	Topic	2074/75	2075/76	2076/77
		Real	Real	Estimated
1	Total budget of the Municipality			
2	Budget on Environment Sector			
3	Expenditure on Waste Management			
3.1	Street sweeping			
3.2	Drainage cleaning			
3.3	Waste collection			
3.4	Transfor station management			
3.5	Land fill disposal			

3.6	Maintenance			
3.7	Fuel			
3.8	Capital expenditure			
3.9	Others			
Total expenditure (3.1 to 3.9)				

3.2 Does municipality collect service charge (money) for the waste collection service provided ?

1. Yes 2. No → 3.4

3.3 If yes, specify the amount (Monthly)

S.No.	Type	Service charge amount(Rs.)
1	Household	
2	Office/Organization	
3	Hotel/Resturant	
4	Trade Establishment	
5	Health Institutions/Hospital	
6	Others(Specify).....	

3.4 Income of Municipality by the waste management

S.No.	Type	2074/75	2075/76	2076/77
		Real	Real	Estimated
1	Waste collection service			
2	Fine/punishment			
3	Grant provided by federal and province government			
4	Foreign grant			
5	Others(Specify).....			
Total income				

3.5 Which of the following are involving in solid waste collection? (multiple answer possible)

1	Municipality staff	
2	Private organizations	
3	Community organizations	

4	Non profit organizations	
5	Others(Specify).....	
6	Not collection of waste	

3.6 If the organizations in 3.5 (2 to 5) are involving in solid waste collection, describe the following

1	Number of NGOs/Private Organizations	
2	Designated areas of waste collection (No. of wards)	
3	yearly collected amount in Rs. (fiscal year 2075/76)	

4. Composition and collection of solid waste

4.1 Type and amount of solid waste collection (as per municipality record)

S.No.	Type of solid waste	Amount of Solid Waste collection yearly (Metric tons)		
		2073/74	2074/75	2075/76
Organic waste				
1	Cloth			
2	Leather			
3	Paper			
4	Agricultural related/ Garden management			
5	Others			
Total				
Inorganic waste				
1	Plastic			
2	Lead			
3	Rubber			
4	Metal			
5	Others			

Total			
Other solid waste			
1	Toxic		
2	Hospital related waste		
3	Electrical/electronic waste		
4	Other chemical waste		
Total			
Grand total			

4.2 How the collected waste is classified ?

S.No.	Classification	Collected amount(Quintel/day)
1	Generated from households	
2	Generated from trade establishments	
3	Generated from industrial establishments	
4	Generated from educational establishments	
5	Generated from health institutions/hospitals	
6	Others(specify)	
Total		

4.3 Does the municipality providing service of sweeping in open space, street and junction ?

1. Yes 2. No → 4.5

4.4 If yes, how much percentage of municipality is covered by this sweeping ?

%

4.5 Area covered by solid waste collecton

S.No.	Description of wards	Number of wards	Benifited households	Benifited population
1				

4.6 What are the available equipments and vehicles in municipality for waste management ?

S.No.	Type	Number
1	Rikshaw	
2	Tractors/Power trailer	
3	Mini truck(Pickup)	
3	Tripper/Truck	
4	Lodder	
5	Dozer	
6	Excavator	
7	Broomer	
8	Zet machine	
9	Others(specify)	

4.7 How much percent of waste is collected by municipality of the total waste generated ?

%

4.8 Distribution of waste collected by municipality

S.No.	Type	Percent
1	Making manure(fertilizer)	
2	Landfill dumping	
3	Riverside dumping	
4	Open dumping	
5	Incineration	
6	Recycling	
7	Others(specify)	

4.9 Does the municipality have established Waste to Energy(Electricity, Biogas) technology ?

1. Yes 2. No → 4.11

4.10 If yes

S.No.	Energy sector	Amount of waste used (Tons)	Generated energy amount
1	Electricity		Watt
2	Bio Gas		cubic meter

8. Challenges/needs in Waste management

8.1 Mention the current main challenges on waste management in priority basis

1	
2	
3	
4	
5	

8.2 Mention the current needs on waste management in priority basis

1	
2	
3	
4	
5	

Thank you

Seal of Municipality

Name of Enumerator:	Name of Supervisor :
Post:	Post :
Signature:	Signature:
Date:	Date:

