

## **APPENDIX 3**

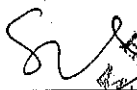
### ***Minutes of the Meetings of The Steering Committees***

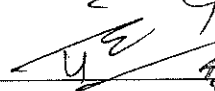
## **APPENDIX 3-1**


### ***Minutes of the Meetings of The Fifth Steering Committee***

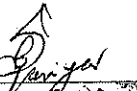
MINUTES OF MEETING  
OF  
THE FIFTH STEERING COMMITTEE  
FOR  
THE STUDY  
ON  
THE SOLID WASTE MANAGEMENT  
FOR  
THE KATHMANDU VALLEY

AGREED UPON AMONG  
MINISTRY OF LOCAL DEVELOPMENT  
AND  
FIVE MUNICIPALITIES OF THE KATHMANDU VALLEY  
AND  
JAPAN INTERNATIONAL COOPERATION AGENCY

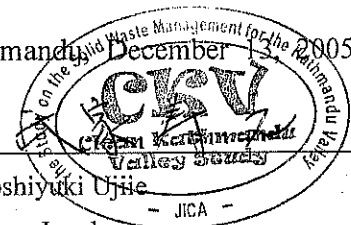
  
Som Lal Subedi  
Joint Secretary, Ministry of Local Development  
His Majesty's Government of Nepal  
2047


  
Padma Raj Regmi  
Chief/Executive Officer  
Kathmandu Metropolitan City  
2052

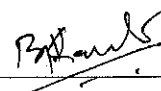
  
Hem Sharma Pokharel  
Chief/Executive Officer  
Bhaktapur Municipality  
1991


  
Naresh Kumar Regmi  
Chief/Executive Officer  
Kirtipur Municipality  
2043

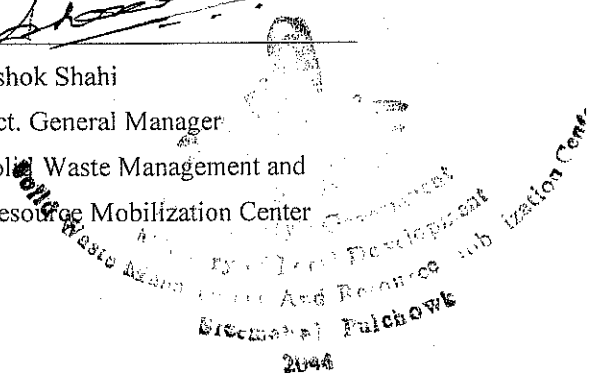
For

Kathmandu, December 2005  
  
Toshiyuki Ujii  
Team Leader  
JICA Study Team

  
Prem Raj Joshi  
Chief/Executive Officer  
Lalitpur Sub Metropolitan City

  
Bishnu Dutta Gautam  
Chief/Executive Officer  
Madhyapur Thimi Municipality

  
Ashok Shahi  
Act. General Manager  
Solid Waste Management and  
Resource Mobilization Center



## 1. Introduction

The Japan International Cooperation Agency (hereinafter referred to as "JICA") has organized and dispatched the JICA Study Team (hereinafter referred to as "the Study Team") to the Kingdom Nepal since January 18, 2004, according to the Scope of Work between Ministry of Local Development of His Majesty's Government of Nepal (hereinafter referred to as "MOLD") and JICA signed on September 12, 2003.

This Minutes of Meeting is a record of the Fifth Steering Committee (hereinafter referred to as "ST/C") held on December 13, 2005 for discussion on Inception Report for Monitoring and Follow-up Phase (hereinafter referred to as "IC/R") for the Study on the Solid Waste Management for the Kathmandu Valley (hereinafter referred to as "the Study") and other issues related to the Study that have been agreed upon between the Nepalese side and the Japanese side (hereinafter referred to as "Both Sides"). The list of attendants to the meeting is attached in Appendix-1.

## 2. Inception Report for Monitoring and Follow-up Phase (Phase 4)

The Study Team submitted Forty (40) copies of the IC/R to MOLD in November, 2005 and MOLD distributed the IC/R to the five municipalities, i.e. Kathmandu Metropolitan City (hereinafter referred to as "KMC"), Lalitpur Sub-Metropolitan City (hereinafter referred to as "LSMC"), Bhaktapur Municipality (hereinafter referred to as "BKM"), Madhyapur Thimi Municipality (hereinafter referred to as "MTM"), Kirtipur Municipality (hereinafter referred to as "KRM")<sup>1</sup>, Solid Waste Management and Resource Mobilization Center (hereinafter referred to as "SWMRMC") and other relevant organizations. The Study Team explained the contents of the IC/R and Both Sides discussed the contents of monitoring and follow-up activities.

At this ST/C, Both Sides made further clarifications about the IC/R. Some of the main issues of the discussions are as follows:

## 3. Monitoring and Follow-up Period

Both Sides confirmed that the Monitoring and Follow-up Phase, namely Phase 4 of the Study, would be implemented based on the planned assignment schedule of the study team members as per attached in Appendix 2. The Nepalese side promised to take necessary measures for official visa application for the study team members when needed.

## 4. Monitoring and Follow-up Organizations

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<sup>1</sup> Municipalities are placed in order of each population, and this order will be adopted in a series of reports and documents prepared in the Study

Both Sides confirmed that the ST/C of the Study would be continued during Phase 4 of the Study. The members of the ST/C were confirmed to be the same as that of Phases 1-3.

Both Sides confirmed that members of the Technical Working Group (hereinafter referred to as "TWG") were as per attached in Appendix 3 based on the proposal of the Nepalese side. It was also agreed that each meeting of the TWG would be open to municipal staff outside TWG, who are assigned to solid waste management related responsibilities, especially focal points of the pilot projects of the Study, and those who are identified by the municipalities as key personnel.

Regarding the Task Force, the Nepalese side was requested to confirm the members by the end of December 2005 considering the implementation organizations of the activities in the respective Action Plans.

## 5. Contents of Phase 4 of the Study

The contents of Phase 4 of the Study were discussed as follows:

### **5.1 Monitoring of Implementation of Action Plan of Each Municipality and SWMRMC**

#### **(1) Monitoring and Evaluation of Progress of Activities in the Annual Work Plans (Monitoring)**

Both Sides confirmed that progress of the activities in each of the Annual Work Plans (hereinafter referred to as "AWP") of the fiscal year 2005/2006 (2062/2063 of Nepalese calendar) would be monitored and evaluated during Phase 4 jointly by the Study Team and each respective Task Force. As the budget of each municipality for the fiscal year of 2005/2006, which has much influence on the implementation and realization of the activities in the AWP, was not finalized at the time of finalization of the Action Plans, Both Sides confirmed the allocated budgets and responsible persons for the respective AWP as well as progress of the activities so far as per attached in Appendix 4. At this time some preliminary observations were made by Both Sides as listed below.

- Except BKM, the four municipalities had allocated enough budget to implement almost all activities in the respective AWP. Meanwhile, The Municipal Board of BKM had approved only NRs 100,000 to implement the activities in the AWP mainly because of low percentage of the expenditure for solid waste management in the last fiscal year. BKM explained that the budget proposed by the Board could be changed at the municipal council or the general budget could be allocated in order to implement the activities in the AWP.
- KMC and LSMC have approved the budget by adopting program based budgeting system, which had been introduced under the pilot project of the Study. Meanwhile, MTM and KRM have allocated block amount of budget to implement SWM activities. The budgets had not been broken down in the activities level in the annual budget documents.

**(2) Technical Assistance for Activities in the AWP (Follow-up)**

The Study Team explained that the components of the Follow-up were: 1) Support for collection and transportation, waste minimization activities and solid waste data management, and 2) Support for environmental and social considerations for facilities development. The discussion was made including explanation of the current situations of the activities by the Nepalese side as follows, after which Both Sides agreed on the components:

**1) Support for Collection and Transportation, Waste Minimization and Solid Waste Data Management**

i) Collection and Transportation (in BKM and MTM)

- BKM explained that they had been continuing the source-separated collection and would extend the target areas. BKM requested a technical support for explanation to the local people in the extended areas.
- MTM explained that they had been continuing the collection at the core area and extended the service to Arniko Highway by renting a truck. From these areas, about 800 to 900 kg of waste had been collected daily and transported to Teku transfer station.

ii) Waste Minimization Activities

- As site selection process for a large-scale waste processing facility had not yet been started, the Study Team recommended to the Nepalese side to organize a working group to move ahead on the plan. The Nepalese side agreed to organize the working group under the initiative of SWMRMC and start site selection as soon as possible. The Study Team explained that they might provide technical support for the facility design if the site is fixed.
- KMC explained that a community recycling center established in Ward 21 had been operated successfully and KMC was planning to expand the center or set up another center by themselves.
- The Study Team expressed their concern about operational organization of medium-scale vermi-composting in KMC although composting had been conducted well. KMC promised to set up a sustainable operational organization for the vermi-composting. The Study Team expressed that they would provide technical supports such as marketing activities and compost quality analysis if the operational organization is confirmed.
- LSMC explained that they had employed a motivator to monitor home composting activities of the local people for six months and also started promotion of plastic separation activities like KRM and vermi-composting. The demand by local people for home compost bins in the LSMC area was reported by LSMC to be quite high.
- KRM explained that they had been continuing the plastic separation activities successfully at three wards appointing a motivator. It was also explained that the collected plastic was being

stored at a plastic store house to be sold and that the motivator prepared a report every three months and submitted it to KRM outlining the activities progress.

Based on the above discussion and explanation, it was agreed by Both Sides to organize an experiences sharing meeting among concerned municipality staff including NGOs in January 2006 to consider possible technical supports from the Study Team regarding community level waste minimization activities.

### iii) Solid Waste Data Management

The current situation of solid waste data management was explained by the Nepalese side as follows:

- KMC explained that they needed to unify the format for data collected at Teku transfer station and Sisdol landfill site systematically.
- LSMC explained that they needed more manpower that had computer skills for utilization of the data base.
- BKM explained that they needed some modification of the data base considering source separated collection.
- MTM and KRM explained that they were in the process to collect the data from the private sectors.
- SWMRMC requested the five municipalities to submit the collected and arranged data to SWMRMC every six months.

Considering the above situation, it was confirmed by Both Sides that there might be a need to modify the data base system and that there was a need to train some staff of each municipality so that even if the responsible person is absent from the office, the other persons can continue the operation of the system.

## **2) Social and Environmental Considerations for Facility Development**

The Study Team emphasized that environmental studies including social considerations were essential to develop the facilities on solid waste management, and it was confirmed that the Nepalese side had started the EIA procedure based on the Environmental Protection Act and Rules, the proposed National Environmental Impact Assessment Guideline on Solid Waste Management and the JICA EIA Guideline.

### i) Long-term Landfill Site

The Nepalese side explained the current progress of EIA for the long-term landfill site, Banchara Danda landfill candidate site, as follows;

- Public notice: August 8, 2005
- Pasting of Public notice in VDCs: August 8, 2005
- Submission of Scoping and TOR for EIA reports to Ministry of Environment, Science and Technology (MOEST): October 31, 2005
- Submission of a letter to Ministry of Forest and Soil Conservation (MOFSC) for the approval: December 8, 2005

The JICA Study Team expressed that they would provide technical supports for topography, soil investigation, geological, hydrological and supplemental environmental surveys, and concept design for going forward with the EIA procedure on Banchare Danda landfill site development appropriately as the Follow-up activity.

ii) Other Facilities

As for transfer stations to be developed at Balaju and Afadole, the Nepalese side explained that as it would take time to establish the new transportation system, they would use these sites as tentative container locations for the time being. The Study Team again emphasized the importance of the environmental considerations for these sites and expressed the willingness to provide technical supports such as identification of environmental concerns considering these sites and recommending countermeasures. The Nepalese side promised to conduct necessary IEE studies, based on the recommendations to be provided by the Study Team, when the decisions to use these sites on a permanent bases are taken.

**5.2 Technical Support for Operation of Teku Transfer Station and Sisdol Landfill Site**

**(1) Follow-up of Solid Waste Transportation by Secondary Transportation Vehicles**

The Nepalese side explained that 21 secondary transportation vehicles and containers including spare parts had arrived at Teku transfer station. However, it was also explained by the Nepalese side that as there were some defects in manufacturing of the vehicles to be fixed by the supplier, it would take time for handing over the vehicles from the supplier to MOLD officially. KMC and LSMC also explained that as the trial run period would be needed, it would take a couple of months to reach the level that all collected waste is brought to Sisdol landfill site.

The Study Team requested the Nepalese side to complete necessary preparation to operate the vehicles such as arrangement of drivers, registration of the vehicles and location of the containers as soon as possible, and expressed that they would provide necessary technical supports for effective operation of Teku transfer station and for review and improvement of the primary collection system in KMC and LSMC including the time and motion survey by reviewing the current night time collection system.

**(2) Follow-up of Sisdol Landfill Site Operation**

The Study Team explained that, from now onwards, they would closely monitor the operation of Sisdol landfill site together with the related counterparts and report to the ST/C on the operation progress in the Progress Report to be presented in March 2006.

The Study Team proposed that a system for data collection and recording should be adopted to facilitate analysis and continuity of data collection which would be implemented by both the Study Team and the landfill operator. The Study Team also explained that they would provide monitoring visits to the site, at least twice weekly and record landfill operational data during these visits. The operator agreed to

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maintain daily records on the waste arrivals, equipments operation and staffing, which would be used to compile weekly reports.

**(3) Outstanding Works at Teku Transfer Station and Sisdol Landfill Site**

The Nepalese side explained the implementation progress of the outstanding works at Teku transfer station and Sisdol landfill site, which were discussed at the Fourth ST/C, as follows:

- KMC explained that provision of covers for drains had been completed and a water tank for the water supply had been placed at the transfer station.
- SWMRMC explained that installation of a water tank for the water supply and glass pans for windows and toilet works had been completed, but the installation of iron grids in the windows was still remaining and a fence and gate at the site had not been completed yet. For electricity supply, SWMRMC also explained that SWMRMC had appointed a contractor and gave them three months starting from November 2005 for completion of the electricity supply works.

The Nepalese side promised to complete these outstanding works as soon as possible.

**(4) Other Important Issues relating to Operation of Teku Transfer Station and Sisdol Landfill Site**

1) Important Issues to be Considered by the Nepalese Side

For the appropriate operation of Teku transfer station and Sisdol landfill site, the important issues to be considered by the Nepalese side were confirmed by Both Sides as follows:

- The operation manual of Sisdol landfill site prepared by the Study Team, which was promised to be translated into Nepal by SWMRMC, should be used.
- Periodical holding of Sisdol landfill site operation review committee meetings should be continued.
- Environmental Coordination Committee should be formed and the meetings should be held to assess the results of environmental monitoring which would be conducted by SWMRMC.

2) Development of Valley 2 of Sisdol Landfill Site

As for the development of valley 2 of Sisdol landfill site, the Nepalese side explained the detailed design would be available on December 17, 2005 and the tender process for the construction would be started as soon as the detailed design is available. By request of the Nepalese side, the Study Team agreed to provide technical advice on the detailed design.

3) Preliminary Recommendations for better Operation of Sisdol Landfill site and Teku Transfer Station

Sisdol landfill site has been operating now for around 5.5 months while Teku transfer station unloading platform was operated for around one and half months (June to mid-July, '05). At this time some preliminary recommendations were made by the Study Team as listed below.

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i) Operation of Sisdol semi-aerobic sanitary landfill

a. Landfill Operation

The following operational aspects should be improved upon:

- Waste placing system, including maintaining of minimum active disposal cells, compaction of waste and application of cover materials
- Leachate re-circulation system should be operated daily
- Weighbridge operation
- Improvement of site internal road for ease of access during the rainy season

b. Landfill Operation Management

KMC and LSMC have been successfully operating the Sisdol LF, in cooperation with the Okharpauwa Sanitary Landfill Site Main Coordination Committee. As some time has now passed, it is now considered possible to designate the permanent staff and define their respective duties from each of these three parties. This should be done at an early stage and before the full operation of the site with the transfer of all KMC, LSMC and KRM collected wastes to Sisdol landfill site.

ii) Operation of Teku transfer station

Teku T/S will soon be operated with the intention to accept and transfer around 200 tons of waste daily to Sisdol landfill site. Accordingly KMC was advised to promptly implement the following measures.

- Develop the time frame for the operation of the transfer trucks from the Transfer Station in line with the collection system
- Clear the station of any un-necessary equipments in order to be able to operate efficiently within this limited space
- Improve the waste pickers work environment, not only for the waste pickers active in Teku T/S but also taking into consideration the loss of work for them at the Bagmati River dumping site once that is closed down. In this regard, KMC informed that registration of waste pickers at Teaku transfer station had been started.
- Prepare the east entrance for use in order to have smooth traffic flow within the site

**6. Important Issues relating to the Study**

**6.1 Continuity of the Study Results and Outputs**

Both Sides confirmed importance of continuity of the Study and the Nepalese Side promised to follow-through the results of the Study. As one of measures, the Study Team emphasized the importance of the commitment of the Nepalese side which was expressed by the Nepalese side at the Fourth ST/C, i.e. obtaining of official approval for each of the Action Plans by respective Municipality Boards and the Executive Board of SWMRMC.

**6.2 Cooperation of Five Municipalities and SWMRMC**

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Both Sides confirmed that cooperation and interaction of the five municipalities and SWMRMC promoted during the Study period would be continued by holding periodic TWG meetings, etc. under the initiative of SWMRMC.

As part of the intra-municipal cooperation and coordination, the Nepalese side explained that they had several meetings under the title of "Community Mobilization Network (hereinafter referred to as "CoMoN)" and the guidelines on community mobilization for solid waste management had been drafted up by CoMoN.

### 6.3 Medical Waste Management

At the Fourth ST/C, it was confirmed that if HMG/N (MOLD) expressed a clear policy and commitment to solve the medical waste problems, JICA would consider possible support toward the issue such as education of medical waste management to the hospital workers by Japanese Overseas Cooperation Volunteers (hereinafter referred to as "JOCV") who were working at various hospitals in Nepal. The Nepalese side explained that they were still developing the policy and promised to outline the conceived policy at the next ST/C.

### 6.4 Collection Vehicle for Thimi Municipality

The Study Team explained that it was impossible to procure a collection vehicle under the Study. However, KMC expressed the willingness to provide MTM with a second hand truck.

### 6.5 JOCV for Environmental Education

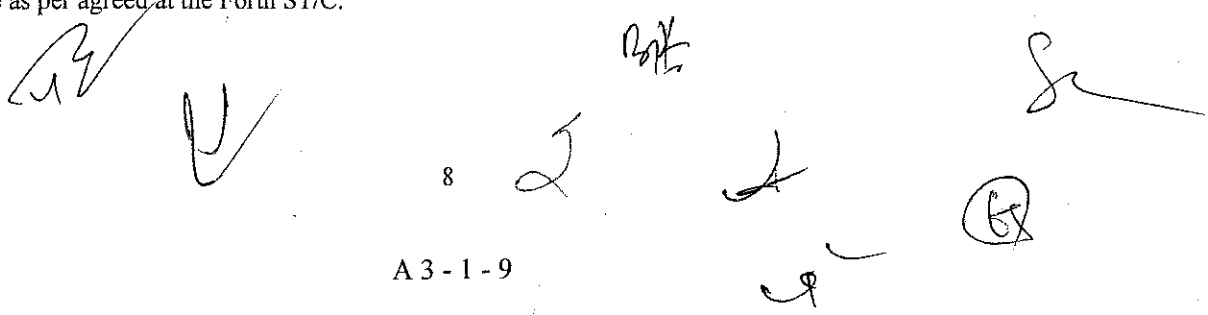
The JICA Nepal office informed that a JOCV for Environmental Education would be dispatched to LSMC for assisting in the community mobilization and environmental education activities. It was also informed that he/she would support not only LSMC but also the other four municipalities for their environmental education activities.

### 6.6 Web-sites of SWMRMC and the Study

The Nepalese side promised to secure necessary capacity in their server for setting up upgraded web-sites of SWMRMC and the Study.

### 6.7 Undertakings of the Nepalese Side

For the smooth conduct of Phase 4 of the Study, the Nepalese side promised to continue the undertakings, which were the same as agreed in Scope of Work dated on September 12, 2003, during the Phase 4 period. In particular, the Nepalese side promised to secure the office room for the Study Team until the end of Phase 4 of the Study so that the Study Team could keep their documents and equipment relating to the Study there as per agreed at the Forth ST/C.

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## Appendix-1: List of Attendants

### **Ministry of Local Development**

Mr. Som Lal Subedi, Joint Secretary

### **Solid Waste Management Resource Mobilization Center**

Mr. Ashok Shahi, Act. General Manager

Mr. Ram Sharan Maharjan, Engineer

Mr. Nirmal Darshan Acharya, Engineer

### **Kathmandu Metropolitan City**

Mr. Padma Raj Regmi, CEO

Mr. Indra Man Suwal, Head, Environmental Department

Mr. Rajesh Manandhar, Chief, Solid Waste Management Section/ Environment Department

Mr. Purusotam Shakya, Mechanical Engineer/Mechanical Section

Mr. Deepak Ratna Kansakar, Engineer (Sisdol landfill site manager), Solid Waste Management Section/  
Environment Department

### **Lalitpur Sub-Metropolitan City**

Mr. Prem Raj Joshi, CEO

Mr. Rudra Prasad Gautam, Head, Public Works Division

Mr. Pradeep Amatya, Chief, Environment and Sanitation Section

### **Bhaktapur Municipality**

Mr. Hem Sharma Pokharel, CEO

Mr. Laxman Kisiju, Chief, Physical Planning and Works Section

Mr. Dinesh Rajbhandari, Sanitation Engineer / Environmental Section

### **Madhyapur Thimi Municipality**

Mr. Bishnu Dutta Gautam, CEO

Mr. Satya Narayan Shah, Chief, Planning and Technical Section

Mr. Keshav Silwal, Legal Officer

Ms. Krishna Kumari Shrestha, Assistant, Community Development and Sanitation Section

Mr. Surendra Shrestha, Junior Engineer, Planning and Technical Section

### **Kirtipur Municipality**

Mr. Naresh Kumar Regmi, CEO

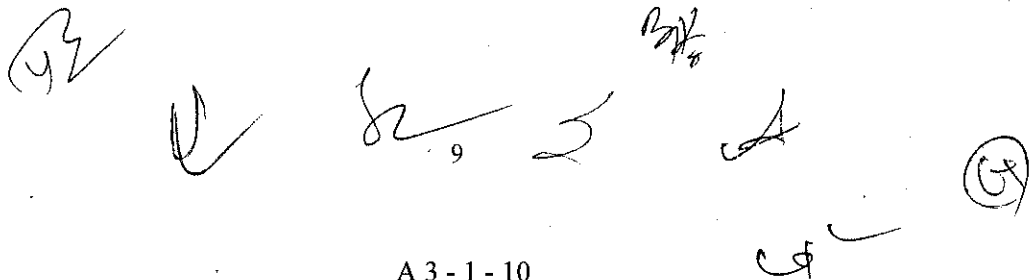
Mr. Gyan Bazra Maharjan, Assistant, Solid Waste Management Unit/Accounting

Mr. Krishna Bhola Maharjan, Junior Engineer, Planning and Technical Section

Mr. British Singh, Assistant Engineer

### **Ministry of Environment, Science and Technology**

Ms. Meera Joshi, Civil Engineer/EIA Expert, Environmental Assessment Section, Environment Division



**Ministry of Physical Planning and Works**

Mr. Ishwar Man Tamrakar, Deputy Director General

**Ministry of Health and Population**

Ms. Manodari Thapa, Training Officer, Department of Health Service

**Japan International Cooperation Agency (JICA) Nepal Office**

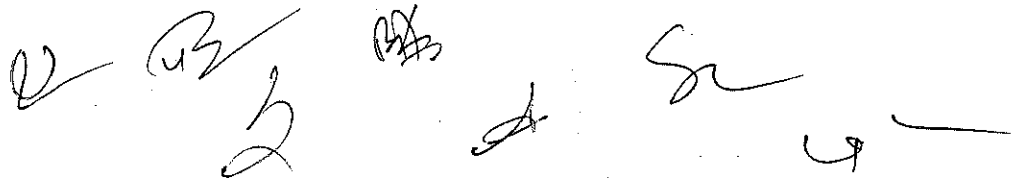
Mr. Yoshinobu Kinoshita, Assistant Resident Representative of JICA Nepal Office

Mr. Sourab Rana, Program Officer of JICA Nepal Office

**JICA Study Team**

Mr. Toshiyuki Ujiie, Team Leader / Solid Waste Management Policy / Environment

Mr. Mahmoud Riad, Facility Plan and Operation

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**Appendix-2: Planned Assignment Schedule of the Study Team Members**

No.	Position	Name	FY 2005					FY 2006					
			11	12	1	2	3	4	5	6	7	8	9
1	Team Leader / Solid Waste Management Policy / Environmental and Social Consideration	Toshiyuki UJIE	■	■	■				■				
2	Waste Management Facility Plan and Operation	Mahmoud RIAD	■		■	■	■		■				
3	Deputy Team Leader / Collection & Transportation / Recycling System Analysis	Shungo SOEDA	■		■	■	■		■				
4	Waste Processing Facility Design	Kiyoshi SHIMIZU							■				
5	Environmental and Social Consideration Rivers / Hydrology	Hideo TSUTA				■			■				
6	Organization and Institution / Human Resources Development	Mineko NAKATANI							■				
7	Financial Analysis	Noboru OSAKABE							■				
8	Coordinator / Public Relations	Sachiko SUWA							■				
1	Team Leader / Solid Waste Management Policy / Environmental and Social Consideration	Toshiyuki UJIE	□									□	
2	Waste Management Facility Plan and Operation	Mahmoud RIAD										□	
Note		Reports	△ IC/R						△ P/R			△ DFR	△ F/R
		Steering Committee		▲					▲			▲	
		Seminar										●	

**Appendix-3: Members of Technical Working Group (as of December 13, 2005)**

Organizations	Name	Designation / Organizational Position
MOLD	Mr. Babu Ram Gautam	Under Secretary, Environmental Management Section
SWMRMC	Mr. Ashok Shahi	Acting General Manager
	Mr. Ram Sharan Maharjan	Civil Engineer
	Mr. Nirmal Darshan Acharya	Civil Engineer
KMC	Mr. Rajesh Manandhar	Chief, Solid Waste Management Section
	Mr. Deepak Ratna Kansakar	Engineer, Solid Waste Management Section
	Mr. Purusotam Shakya	Chief, Mechanical Section
LSMC	Mr. Rudra Prasad Gautam	Chief, Public Works Division
	Mr. Pradeep Amatya	Chief, Environment and Sanitation Section
	Ms. Sabina Maharjan	Staff, Community Development Section
BKM	Mr. Laxman Kisiju	Chief, Physical Planning and Works Section
	Mr. Moti Bhakta Shrestha	Chief, Social Welfare Section
	Mr. Dinesh Rajbhandari	Sanitation Engineer, Physical Planning and Works Section
MTM	Mr. Satya Narayan Shah	Chief, Planning and Technical Section
	Ms. Krishna Kumari Shrestha	Assistant, Community Development and Sanitation Section
	Mr. Keshav Silwal	Legal Officer
	Mr. Surendra Shrestha	Junior Engineer, Planning and Technical Section
KRM	Mr. Anuj Pradhan	Chief, Solid Waste Management Unit
	Mr. Gyan Bazra Maharjan	Assistant, Solid Waste Management Unit/Accounting

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**Appendix-4: Situation of Annual Work Plans of FY 2005/2006 (as of December 13, 2005)**

Activities of the respective AWP's had been reviewed by the Study Team together with the each TF. Availability of the budget to implement the activities had been also considered in the review and the activities had been basically categorized into the following headings:

- Completed : those activities which had been completed
- Continued: those activities which had been continued from the last fiscal year.
- Started : those activities which have been started since this fiscal year.
- Not started : those activities which are not started yet.
- Canceled: those activities which are not necessary to implement because of changes of situations
- Postponed: those activities which are impossible to implement this fiscal year because of lack of budget or equipment or human resource.

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KMC: Annual Work Plan of FY 2062/63

SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
A-1-S1	<b>Establishment of rules for private sector collection and its monitoring system</b>		In total NRs 400, 880, 075 is approved for SWM activities.			
1	Preparation of agreement and TOR for PPP	SWMS/Rajesh Manander		Started		
A-1-S2	<b>Promotion of private sector participation in door to door collection for 25% of HHs</b>		Almost all activities of the AWP is approved by the Council.			
1	Agreement with private sector	SWMS/Rajesh Manander		Started		
A-1-S3	<b>Preparation of equipment replacement plan and pilot test for a few types collection vehicles and commencement of replacement of tractors (for 25% collection)</b>					
1	Preparation of an equipment replacement plan	MS/Purusotam Shakya		Not started		Rescheduled to Chitra
2	Procurement of a Compactor Truck or Tipper with cover	Environment Dept./MS		Canceled		
3	Replacement of tractors purchasing 4 vehicles	Environment Dept./MS		Not started		Rescheduled to Chitra
A-1-S6	<b>Introduction of GIS System for waste collection plan</b>					
1	Preparation of an inventory of sweeping areas	SWMS/Rajesh Manander		Started		Started in two Wards
2	Time and Motion survey of core areas	SWMS/Rajesh Manander		Completed		
3	Record data of sweeping areas inventory into the GIS system	SWMS/Rajesh Manander		Started		Will be completed in a month
4	Record data of Time and Motion survey of core areas	SWMS/Rajesh Manander	Completed			
A-1-S7	<b>Improvement of collection and transportation system taking into consideration waste transportation to Sisdol landfill site</b>					
1	Plan and implement direct collection system in 2 Wards as pilot basis	SWMS/Rajesh Manander		Not started		Rescheduled
2	Preparation of new collection plan (core areas)	SWMS/Rajesh Manander	Not started		Rescheduled	
A-2-S1	<b>Establishment of effective operation system of Teku transfer station</b>					
1	Preparation of an effective operation plan of Teku transfer station	SWMS/Rajesh Manander		Started		
2	Construction and laying RCC of 1,000 sq meter	SWMS/Rajesh Manander		Completed		
3	Infrastructure for night time operation (lighting system)	SWMS/Rajesh Manander		Completed		
4	Drainage management	SWMS/Rajesh Manander		Completed		
5	Upgrading servicing situation (vehicle washing)	SWMS/Rajesh Manander		Completed (80%)		
6	Weight bridge operation	SWMS/Rajesh Manander	Completed			
A-2-S2	<b>Plan (design), construction and operation of Balaju transfer station (including necessary revision of primary collection route)</b>					
1	Preparation of a plan together with design of Balaju transfer station	SWMS/Rajesh Manander		Postponed		
2	Implementation of public consultation	SWMS/Rajesh Manander		Postponed		
3	Implementation of IEE study	SWMS/Rajesh Manander	Postponed			
A-3-S1	<b>Renovation of existing mechanical workshop including replacement of old equipment and establishment of efficient parts stock system</b>					
1	Renovation of mechanical workshop	MS/Purusotam Shakya		Not started		Rescheduled
2	Procurement of official facilities (computer and steel racks)	MS/Purusotam Shakya		Completed		
3	Store database software package and management training	MS/Purusotam Shakya		Continued		
4	Mechanics training	MS/Purusotam Shakya	Not started		Rescheduled	
B-1-S1	<b>Cooperation with SWMRMC to proceed development of a central level WPF (50-100 t/d) at appropriate place</b>					

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SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
1	Final site selection	SWMS/Rajesh Manandhar		Not started		
2	Site surveys	SWMS/Rajesh Manandhar		Not started		
3	Concept design	SWMS/Rajesh Manandhar		Not started		
4	Feasibility study including market study	SWMS/Rajesh Manandhar		Not started		
5	EIA	SWMS/Rajesh Manandhar		Not started		
<b>B-2-S1</b>	<b>Review of the existing home and community composting and recycling activities</b>					
1	Implementation of reviewing activities	CMU/Shriju		Completed		Two reports are at hand.
<b>B-2-S2</b>	<b>Production of home compost bins and home vermi-compost kits and their distribution</b>					
1	Compost bin set distribution	CMU		Started	Delay in administrative process	Tendering process is going on. CKV experiences to be utilized.
2	Vermi-composting kits development and provision of subsidy	CMU		Not started		To be reviewed with the Env.Dept.
3	Recycling sets for Nature Clubs	CMU		Completed		Distributed at last part of FY.
<b>B-2-S3</b>	<b>Operation of Community Recycling Center (CRC) in Ward 21 and its extension to other Wards (with support from NEREPA)</b>					
1	CRC-supporting activities	CMU		Continued		CRC is operated well & other program is onward.
2	CRC-establishment in 5 Wards	CMU		Started		
<b>B-3-S1</b>	<b>Operation and expansion of medium-scale vermi-composting</b>					
1	Operation of medium-scale vermi-composting	CMU		Continued		Operational organization will be fixed.
<b>B-3-S2</b>	<b>Implementation of sales campaign together with marketing study</b>					
1	Implementation of marketing study	CMU		Not Started		Some support for marketing is needed
2	Preparation and Implementation of sales campaign including review and evaluation	CMU		Not Started		
<b>C-1-S1</b>	<b>Operation of Sisdol sanitary landfill site</b>					
1	Procurement of heavy equipment and vehicles (1 wheel loader, 1 supervision vehicle, 1 mobile maintenance vehicle w/ tools)	MS/Purusotam Shakya		Not started		On schedule
2	Monitoring daily LF management	SWMS/Rajesh Manandhar		Continued		
3	Extension of gas venting pipes	SWMS/Rajesh Manandhar		Continued		
4	Intermediate leachate collection	SWMS/Rajesh Manandhar		Continued		
5	Maintenance of leachate collection and treatment facilities	SWMS/Rajesh Manandhar		Continued		One time conducted
6	Building maintenance	SWMS/Rajesh Manandhar		Continued		
7	Operation of pump	SWMS/Rajesh Manandhar		Continued		
8	Vehicle and equipment hiring including rental trucks for 3 months (mid-July-end-Sept)	SWMS/Rajesh Manandhar		Completed		
9	Arrangement of fuel for equipment within the site	SWMS/Rajesh Manandhar		Continued		
<b>C-2-S1</b>	<b>Conducting of survey for possible long-term landfill sites</b>					
1	Site selection survey and public consultation	SWMS/Rajesh Manandhar		Continued		Coordination with SWMRMC
<b>C-2-S2</b>	<b>Cooperation with SWMRMC to proceed establishment of a long-term landfill site</b>					
1	Site surveys	SWMS/Rajesh Manandhar		Started		Coordination with SWMRMC
2	Concept design	SWMS/Rajesh Manandhar		Not started		
3	Feasibility study including market study	SWMS/Rajesh Manandhar		Not started		
4	EIA	SWMS/Rajesh Manandhar		Not started		
<b>C-3-S1</b>	<b>Rehabilitation and landscaping works of the Bagmati (Balkhu) dumping site</b>					
1	Planning for rehabilitation works for Balkhu	SWMS/Rajesh Manandhar		Started		On schedule

SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
2	Selection of contractor for rehabilitation and landscaping	SWMS/Rajesh Manandhar		Not started		On schedule
3	Rehabilitation works and landscaping (500-1,000m per year)	SWMS/Rajesh Manandhar		Continued		
<b>D-1-S1</b>	<b>Establishment of 50 more Nature Clubs</b>					
1	Establishment of 50 Nature Clubs	CMU/Shriju		Started	Weak promotion & HR	3 new Nature Clubs are established, 10 additional will be established.
<b>D-1-S2</b>	<b>Development of training packages on</b>					
1	Solid Waste Management, Greenery Promotion, Cultural Heritage Conservation, Communication,	CMU/Shriju		Started		Material is ready for printing.
2	Nature Club management	CMU/Shriju		Started		
<b>D-1-S3</b>	<b>Training for Nature Clubs members on the above five areas</b>					
1	Workshop for Guide Teachers	CMU/Umesh		Not Started		
2	Workshop for Principals	CMU/Umesh		Completed		
3	Workshop for Nature clubs	CMU/Umesh		Started		21 schools (3 sectors) are remaining for Baishakh.
4	Handover Nature clubs	CMU/Umesh		Completed		
5	Eco-Yatra for observation visits	CMU/Shriju		Started		Two tours (Yatra) are done. Rest will be conducted on demands/events base
<b>D-1-S4</b>	<b>Regular interaction between Nature Clubs and local communities to reach out to society as a whole</b>					
1	Regular interaction between Nature Clubs and local communities	CMU/Shriju		Started		3 local groups conducted
<b>D-2-S1</b>	<b>Development of a database of community groups, NGOs/CBOs and private sector, and selection of the best ones for long-term work</b>					
1	Development of a database	CMU/Shriju		Not Started	No initiation from CMU	Arrangement of a computer & mobilize of city volunteers are needed.
<b>D-2-S2</b>	<b>Review and evaluation of the existing Ward Environmental Committee (WEC) and formation of active WECs in 10 Wards</b>					
1	Review and evaluation of the existing WECs	CMU/Shriju		Started		Concept paper preparation & meeting with 2 WECs have been done.
2	Form active WECs in 5 Wards	CMU/Shriju		Started		WEC in 5 wards will be activated.
<b>D-2-S3</b>	<b>Provision of training on SWM and community mobilization for WECs</b>					
1	Training for WECs	CMU/Sanu		Started		
2	Coordination and networking of WECs	CMU/Sanu		Started		
3	Conduct community cleanup	CMU/Sanu		Started		
<b>D-2-S4</b>	<b>Provision of technical and financial assistance to best community initiatives of WECs</b>					
1	Training for NGOs/CBOs	CMU/Sanu		Started		On going with 2 technical supports monthly
<b>D-2-S5</b>	<b>Provision of annual award to best WEC</b>					
1	Provision of annual award	CMU/Sanu		Started		
<b>D-3-S1</b>	<b>Mobilization of City Volunteers (CVs) to support BABA program</b>					
1	Mobilization of CVs	CMU/Shriju		Started		3 days training will be done from Dec '05

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SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
<b>D-3-S2 Implementation of closed camps for capability building and raising team spirit of each batch</b>						
1	Capability training camp	CMU/Shriju		Started		1 in July 05 & 1 in Feb.06. USAID's fund will be used.
2	City Volunteers training	CMU/Shriju		Started		Scheduled in 2nd week of December '05
<b>D-4-S1 Production of CMU's promotional materials (flyers, brochures, posters, stickers, etc.)</b>						
1	Promotional materials	CMU/Shriju		Started		5 new design sets, stickers, brosure & reprinting are on.
<b>D-4-S3 Setting up of self-explanatory displays on SWM at CMU and other key locations for wider publicity</b>						
1	Self-explanatory displays in Kicks prime location	CMU/Shriju		Started		Display in CEO's secretariat. Other displays are planned.
<b>D-4-S4 Regular featuring and reporting on SWM on TV program "Hamro Kathmandu"</b>						
1	Radio Jingles	CMU/Shriju		Started		Covers in KMC's TV program every month.
2	Media Promotion	CMU/Shriju		Started		ditto
<b>D-4-S5 Design and maintenance of the web page on SWM</b>						
1	Web page design	CMU/Shriju		Not started		To be discussed with the Information Dept.
2	Web page maintenance	CMU/Shriju		Not started		ditto
<b>D-4-S6 Implementation of community exhibition and event regularly</b>						
1	Community Exhibition on Environment and Earth day	CMU/Shriju		Not started		
<b>D-5-S1 Recruiting of a BABA coordinator</b>						
1	Recruiting of a BABA coordinator	CMU/Shriju		Postponed	Not on KMC priority	
<b>D-5-S2 Recruiting of assistant level staff for administration</b>						
1	Recruiting of assistant level staff for administration	CMU/Shriju		Postponed	Not on KMC priority	
<b>E-1-S1 Implementation of the reorganization plan of the Environment Department</b>						
1	Obtain approval from the Municipal Board/ Council on the new organization structure	Environment Dept./Mr.Indraman		Started		Submitted to KMC for approval
2	Conducting of sharing session to disseminate information about the new organization structure	Environment Dept./Mr.Indraman		Not started	New organization structure is not approved yet officially	
<b>E-2-S1 Establishment of a monitoring and evaluation system in alignment with the Action Plan</b>						
1	Preparation of plan of operation of monitoring and evaluation	SWMS/Rajesh Manandhar		Continued		
2	Conducting of monitoring and review of the Annual Work Plan	Environment Dept./Mr.Indraman		Started		1st monitoring is going on
3	Formulation of Annual Work Plan of FY2063/64	Environment Dept./Mr.Indraman		Not started		Will be done in Falgun
<b>E-2-S2 Mainstreaming of program-based budgeting system and expenditure monitoring for a more efficient use of resources</b>						
1	Conducting of expenditure monitoring of the Annual Work Plan	Environment Dept./Mr.Indraman		Not started		

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SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
2	Formulation of program-based budget of FY2063/64	Environment Dept./Mr.Indraman		Not started		Will be done in Falgun
<b>E-2-S3</b>	<b>Improvement of information flow and management by encouraging regular coordination meetings and sharing of experiences</b>					
1	Implementation of regular coordination meetings	Environment Dept./Mr.Indraman		Not started		
<b>E-2-S4</b>	<b>Introduction of systematic collection and analysis of SW data by database</b>					
1	Waste record database	SWMS/Robert		Completed		
2	Budget database	SWMS/Robert		Not started		Rescheduled
3	Store database	SWMS/Robert		Not started		Rescheduled
<b>E-3-S1</b>	<b>Preparation of TORs for each unit delineating tasks and responsibilities to be undertaken during Action Plan implementation</b>					
1	Review of existing tasks and responsibilities of each unit	SWMS/Rajesh Manandhar		Not started		
2	Series of meetings among related units	SWMS/Rajesh Manandhar		Not started		
3	Preparation of TORs for each unit	SWMS/Rajesh Manandhar		Not started		
<b>E-3-S2</b>	<b>Reassignment of necessary staff (Taking into consideration future resource demands such as for facilities development)</b>					
1	Development of reassignment plan	SWMS/Rajesh Manandhar		Continued		
2	Reassignment of necessary staff	SWMS/Rajesh Manandhar		Continued		
<b>E-4-S1</b>	<b>Development of a staffing plan based on HRD program and its application</b>					
1	Development of a staffing plan	Environment Dept./Mr.Indraman		Not started		
<b>E-4-S2</b>	<b>Assignment of a Learning Manager for HRD and maintain an inventory of staff skills and knowledge, training history</b>					
1	Assignment of a learning manager	SWMS/Rajesh Manandhar		Not started		
2	Development of database	SWMS/Rajesh Manandhar		Continued		
3	Collection of necessary data from each staff	SWMS/Rajesh Manandhar		Not started		
<b>E-4-S3</b>	<b>Strengthening of knowledge-sharing mechanism and peer-training sessions for full utilization of existing human resources</b>					
1	Development of plan of knowledge-sharing mechanism and peer-training sessions	SWMS/Rajesh Manandhar		Not started		
2	Implementation of knowledge-sharing meeting and peer-training session	SWMS/Rajesh Manandhar		Not started		
<b>F-1-S1</b>	<b>Dissemination of Medical Waste Management Guidelines</b>					
1	Obtain of official approval from the municipal board on the Medical Waste Management Guidelines	SWMS/Rajesh Manandhar		Started		Guideline is not approved yet
2	Planning of medical waste management system	SWMS/Rajesh Manandhar		Started		
<b>F-1-S2</b>	<b>Operation of a medical waste treatment facility at Teku</b>					
1	Public consultation	SWMS/Rajesh Manandhar		Started		
2	Conducting a test run	SWMS/Rajesh Manandhar		Completed		
<b>F-1-S3</b>	<b>Procurement of additional equipment (autoclave)</b>					
1	Procurement of an autoclave	SWMS/Rajesh Manandhar		Canceled	Marged with the other sources	
<b>F-1-S4</b>	<b>Training for staff of KMC, private sector, and medical institutions</b>					

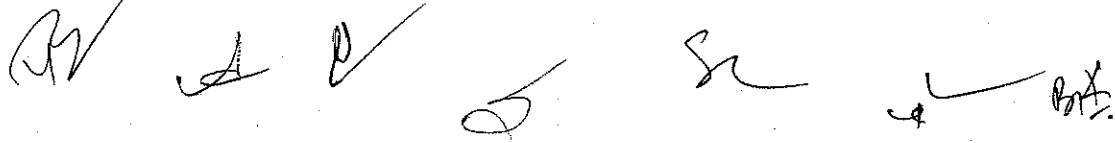
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SN	Short-term Activities to be Conducted in FY 2062/2063	Responsible Person (Department, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
1	Training for KMC staff operators	SWMS/Rajesh Manandhar		Contined		
2	Training for health care staff by national dental hospital (USAID funds)	SWMS/Rajesh Manandhar		Contined		
<b>F-3-S1</b>	<b>Review of working conditions of the sweeper population and provision of measures to improve their performance.</b>					
1	Establishment of a day care center	SWMS/Rajesh Manandhar		Not started		
2	Provision of health care services to sweeper population and their children (supported by World Vision )	SWMS/Rajesh Manandhar		Continued		



LSMC: Annual Work Plan of FY 2062/63

SN	Short-term Activities to be Conducted in FY 2062/63	Responsible Person (Division, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
<b>A-1-S1</b>	<b>Review of existing policy of LSMC and establishment of strong bylaws (and rules) interacting with all stakeholders and its publication</b>					
1	Study of private sector involvement in SWM and paying system	ES/Pradeep Amatya	50,000	Not started		Rescheduled
<b>A-1-S2</b>	<b>Preparation of standard TOR and agreement for PPP concept</b>					
1	Preparation of individual agreement for PPP with the existing private sector who are presently involved the waste collection services.	TDD/Prabin Shrestha	-	Started		Discussion started with community of W. No 3
2	Review meeting with private operators	TDD/Prabin Shrestha		Started		Discussion at individual level
3	Preparation of PPP operation guideline in SWM	TDD/Prabin Shrestha	-	Not started	Waiting for the guideline prepared	Rescheduled
4	Signing on the agreement in 4 wards	TDD/Prabin Shrestha		Not started		On schedule
<b>A-1-S3</b>	<b>Introduction of a new pilot project for waste collection from shops by private sector</b>					
1	Rikshaw collection system - 6 rikshaws	ES/Pradeep Amatya	90,000	Started		Purchase order issued
2	Distribution of buckets	ES/Pradeep Amatya	-	Not started		Rescheduled
3	Increase handcarts	ES/Pradeep Amatya	-	Canceled		Rickshaw takes place instead
<b>A-1-S4</b>	<b>Newly introduction of door to door collection for 25% houses at the outside the city core area by private sector</b>					
1	Develop networking system with private partners	TDD/Prabin Shrestha	-	Postponed		
2	Set up the target area and its introduction schedule (Preparation of planning report)	ES/Pradeep Amatya		Not started		On schedule
<b>A-2-S1</b>	<b>Implementation of Time and Motion study</b>					
1	Computer training for 5 staffs	ES/Pradeep Amatya	30,000	Not started	Budget for 2 staff	Rescheduled
2	Detail Time and Motion survey of all existing routes	ES/Pradeep Amatya	-	Not started		Rescheduled
3	Preparation of survey report	ES/Pradeep Amatya	-	Not started		Rescheduled
4	Improve collection route and street cleaning activities based on the report	ES/Pradeep Amatya		Started		
<b>A-2-S2</b>	<b>Introduction of new collection routes</b>					
1	Improvement of collection routes and collection points by using GIS Map and GPS	ES/Pradeep Amatya		Not started		Will be started after training
2	Development of backup system of the collection route	ES/Pradeep Amatya		Not started		On schedule
<b>A-2-S3</b>	<b>Implementation of transportation and maintenance cost analysis</b>					
1	Implementation of cost analysis	ES/Pradeep Amatya		Started		In planning phase
<b>A-2-S4</b>	<b>Implementation of vehicle capacity analysis and plan for procurement of new vehicles</b>					
1	Capacity analysis	ES/Pradeep Amatya		Not started		On schedule
2	Preparation of procurement plan	ES/Pradeep Amatya		Not started		
<b>A-3-S1</b>	<b>Arrangement for a temporary transfer station (in Afadole) and commencement of temporary transferring</b>					
1	30 days notification for the preparation of T/S	PWD/Rudra Gautam		Not started	Not necessary	Notification may raise public issues

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SN	Short-term Activities to be Conducted in FY 2062/63	Responsible Person (Division, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
2	Public consultation meetings	PWD/Rudra Gautam	432,000	Started		Key persons list preparing process
3	Hire consultants for IEE	PWD/Rudra Gautam		Not started		Rescheduled
4	Hire a supervisor for topography survey	PWD/Rudra Gautam		Not started		Rescheduled
5	Prepare a concept plan	PWD/Rudra Gautam		Not started		Rescheduled
6	Detail design, estimate and drawings	PWD/Rudra Gautam		Not started		Rescheduled
7	Arrangement of budget for the construction in next fiscal year	PWD/Rudra Gautam		Not started		
<b>B-1-S1</b>	<b>Cooperation with SWMRMC and KMC for development of WPF</b>					
1	Concept plan preparation	PWD/Rudra Gautam	-	Not started		Due to delay of the initiated by SWMRMC
2	Candidate site investigation	PWD/Rudra Gautam	-	Not started		
3	Research previous reports and data	PWD/Rudra Gautam	-	Not started		
4	prepare site selection criteria, list up potential sites, field visit, preparation of report and public discussion/meetings	PWD/Rudra Gautam	-	Not started		
<b>B-2-S1</b>	<b>Distribution of 1,200 home composting bins</b>					
1	Procurement of compost bins	PWD/Rudra Gautam	360,000	Not started		840,000 is expected from GGP fund
2	One day training on home compost bin for community and 100 municipal staff	CDS/Sabina	175,000	Not started		Rescheduled
3	Follow-up household composting program by hiring motivators and resource persons	ES/Pradeep Amatya	36,000	Not started		Rescheduled
4	Survey report preparation	ES/Pradeep Amatya	-	Not started		Rescheduled
5	Procurement of vermi-composting kits	CDS/Sabina	200,000	Not started		Rescheduled
6	Two days training on vermi-composting	ES/Sabina	-	Not started		Rescheduled
7	Follow-up of vermi-composting	ES/Pradeep Amatya	-	Not started		On schedule
8	Survey report preparation	ES/Pradeep Amatya	-	Not started		On schedule
<b>B-3-S1</b>	<b>Promotion of 3Rs practices by local people</b>					
1	Plastic separation	CDS/Sabina	-	Continued		
2	Paper recycling	CDS/Sabina	-	Not started		On schedule
3	Introduction of cotton bags	CDS/Sabina	50,000	Not started		On schedule
4	Support to introduce second hand shop	CDS/Sabina	-	Not started		On schedule
<b>C-1-S1</b>	<b>Operation of Sisdol SF with KMC</b>					
1	Dispatch staff and loader	ES/Pradeep Amatya	-	Completed		
2	Regular visit to Sisdol LF operation	ES/Pradeep Amatya	500,000	Continued		
<b>C-1-S2</b>	<b>Cooperation with SWMRMC and KMC for development of a long term landfill site</b>					
1	Site surveys	PWD/Rudra Gautam	-	Completed		Survey report submitted to MOLD by SWMRMC
2	Concept design	PWD/Rudra Gautam	-	Not started		
3	Feasibility study and market study	PWD/Rudra Gautam	-	Not started		
4	EIA	PWD/Rudra Gautam	-	Not started		
<b>C-1-S3</b>	<b>Closure of Bagmati dumping site</b>					
1	Closure works in cooperation with KMC	ES/Pradeep Amatya	-	Not started		On schedule
<b>D-1-S1</b>	<b>Implementation of public awareness/education activities</b>					
1	Implementation of exhibition as Public Event (1 time)	CDS/Sabina	100,000	Not started		On schedule
2	Implementation of wall painting as Public Event	ES/Prabin Shrestha	50,000	Not started		On schedule
3	Clean up campaign (provision of materials) before Earth Day	CDS/Sabina	50,000	Not started		On schedule
4	Rally for celebrating Environment Day	CDS/Sabina	-	Not started		On schedule







SN	Short-term Activities to be Conducted in FY 2062/63	Responsible Person (Division, Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
5	Award Ceremony on Earth Day	CDS/Sabina	25,000	Not started		On schedule
<b>D-2-S1</b>	<b>Formation and mobilization of Ward Environment Conservation Committee (WECC) on a pilot basis</b>					
1	Identification of pilot wards	CDS/Sabina		Not started		Rescheduled
2	One-day training for selected members (about 15 people) of pilot wards	CDS/Sabina	15,000	Not started		Rescheduled
3	Formulation of WECC by providing seed money	CDS/Sabina		Not started		On schedule
<b>D-2-S2</b>	<b>Formation and mobilization of Nature/Eco Clubs among children</b>					
1	Workshop for target school teachers (5 schools*2 people+10 staffs)	CDS/Sabina	15,000	Started		
2	Camp for target school students and form Nature/Eco Clubs (3-day)	CDS/Sabina	60,000	Not started		Rescheduled
3	Support of Nature/Eco Clubs by providing seed money	CDS/Sabina	25,000	Not started		Rescheduled
4	Various activities (competition, clean up, field visit, capacity building training)	CDS/Sabina	20,000	Not started		On schedule
<b>D-2-S3</b>	<b>Mobilization of youth as City Volunteers (CVs)</b>					
1	Sharing program with KMC twice a year	CDS/Sabina	-	Not started		Rescheduled
2	Refresher training (2 day training )	CDS/Sabina	-	Not started		12 volunteers selected
3	Regular monthly meetings	CDS/Sabina	-	Started		2 meetings conducted
<b>D-2-S4</b>	<b>Strengthening of women groups for SWM</b>					
1	One month training on reuse/recycling (30 people)	CDS/Sabina	40,000	Not started		On schedule
<b>E-1-S1</b>	<b>Plan for HRD and monitoring including municipal staff/NGOs/CBOs/TLOs</b>					
1	Development of HRD plan for SWM	Task Force	-	Not started	It should be a part of municipal HRD plan	Better to prepare municipal HRD plan
<b>E-2-S1</b>	<b>Announcement of SWM overall yearly plan of LSMC at beginning of each fiscal year</b>					
1	Annual workplan monitoring	Task Force	-	Continued		1st monitoring completed
2	Mid-term Review	Task Force		Not started		On schedule
3	Annual Workplan Evaluation	Task Force		Not started		On schedule
4	Annual Workplan Formulation for FY2063	Task Force		Not started		On schedule
5	Annual SWM Budget Formulation for FY2063	Task Force		Not started		On schedule
<b>E-3-S1</b>	<b>Review of SWM organization (Environment Dept.) and appoint responsible persons as focal points to coordinate all dimensions of SWM with motivating environment</b>					
1	Review of SWM organization (Environment Dept.) and appoint responsible persons	CEO		Not started		
<b>E-5-S1</b>	<b>Collection and arrangement of solid waste data in database</b>					
1	Waste quantity & quality survey (Wet season)	ES/Pradeep Amatya	-	Started		Daily report is preparing but yet to be compiled
2	Waste quantity & quality survey (Dry season)	ES/Pradeep Amatya	-	Not started		On schedule
3	Input of solid waste data to database	ES/Pradeep Amatya		Not started		On schedule
4	Establishment of reporting system	ES/Pradeep Amatya		Not started		Rescheduled
			Total	2,323,000		

Total 2,323,000

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BKM: Annual Work Plan of FY 2062/63

SN	Short-Term Activities to be Conducted in FY 2062/63	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
<b>A-1-S1</b>	<b>Procurement of Garbage Tipper and Tricycles</b>					
1	Procurement of Tricycles - 5 nos	PPWS/Dinesh	NRs 100, 000 is proposed in draft budget to implement AWP.	Postponed	Budget is not approved	
2	Procurement of 1.5 m3 capacity small garbage Tipper - 2 nos	PPWS/Dinesh		Not started		Rescheduled
<b>A-2-S1</b>	<b>Promotion of source separation and collection of organic kitchen waste by formulating users groups at local household level</b>		But the municipal council has authority to change the budget.			
1	Planning of source separated collection system	PPWS/Dinesh, SWS/Moti		Continued		Pilot project in W No 14 and 17
2	Explanation to the public	PPWS/Dinesh, SWS/Moti		Not started		Rescheduled
3	Selection of model areas and preparation (distribute buckets)	PPWS/Dinesh, SWS/Moti		Not started		Rescheduled
4	Implementation of collection	PPWS/Dinesh, SWS/Moti		Not started		On schedule
5	Evaluation	PPWS/Dinesh, SWS/Moti	Not started		On schedule	
<b>A-2-S2</b>	<b>Promotion of source separation and collection from hotels and restaurants</b>					
1	Preparation of a plan	PPWS/Dinesh, SWS/Moti		Not started		Rescheduled
2	Explanation to the concerned hotels, restaurants and stakeholders	PPWS/Dinesh, SWS/Moti		Not started		Rescheduled
3	Preparatory works for collection	PPWS/Dinesh, SWS/Moti		Not started		Rescheduled
4	Implementation of activities	PPWS/Dinesh, SWS/Moti		Not started		On schedule
5	Evaluation and preparation for further planning	PPWS/Dinesh, SWS/Moti		Not started		On schedule
<b>B-1-S1</b>	<b>Procurement of a 10 t/d capacity excavator or backhoe loader, and waste sorting device</b>					
1	Study of market for mini excavator	PPWS/Dinesh		Not started		
2	Finalization of type of excavator	PPWS/Dinesh		Not started		
3	Procurement of excavator	PPWS/Laxman		Postponed	Budget is not approved ditto	
4	Operation of excavator	PPWS/(TBN)		Postponed		
<b>B-1-S2</b>	<b>Land acquisition of extension area</b>					
1	Preparation of plan	PPWS/Laxman		Not started		
2	Land acquisition	PPWS/Laxman		Not started		
<b>B-1-S3</b>	<b>Infrastructure development (open trussed shade, garage, parking area, weighbridge, sorting area, screening area, etc.)</b>					
1	Design and estimate for shade	PPWS/Laxman		Not started		Rescheduled
2	Construction of shade	PPWS/Laxman		Not started		Rescheduled
3	Operation of shade for composting and recycling	PPWS/(TBN)		Not started		On schedule
4	Establishment of non recyclable materials disposal mechanism	PPWS/(TBN)		Not started		On schedule
<b>B-2-S1</b>	<b>Promotion of waste minimization by making people well known with various methods of waste reduction at sources (e.g., home compost bins and vermi-composting, gift and educational training tools for school children from waste)</b>					
1	Preparation for source separation	PPWS/Dinesh		Not started		Rescheduled
2	700 no of bags procurement and distribution	PPWS/Dinesh		Not started		Rescheduled
3	Organizing of core group	PPWS/Dinesh		Not started		Rescheduled
4	Operation of source separation	PPWS/Dinesh		Not started		On schedule
<b>C-1-S1</b>	<b>Topographical survey and soil investigation</b>					
1	Preliminary studies (topographical survey, soil survey)	PPWS/Laxman, Dinesh		Postponed		Previous study report will be used
<b>C-1-S2</b>	<b>Completion of EIA procedure</b>					
1	Completion of EIA procedure	PPWS/Laxman, Dinesh		Continued		Scoping report was approved

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SN	Short-Term Activities to be Conducted in FY 2062/63	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks	
<b>C-3-S1</b>	<b>Establishment of local committee for social consensus for the development of the site</b>						
1	Interaction program with local people	PPWS/Laxman, Dinesh, SWS/Moti		Not started	Due to opposition of local people		
2	Interaction program with media	PPWS/Laxman, Dinesh, SWS/Moti		Not started			
3	Interaction program with DDC, MTM, VDCs, SWMRMC, MOLD	PPWS/Laxman, Dinesh, SWS/Moti		Not started			
4	Demarcation of the boundary	PPWS/Laxman, Dinesh		Not started			
5	Formation of a basket fund	PPWS/Laxman, Dinesh		Not started		Budget is to be allocated by HMG	
6	Notification	PPWS/Laxman, Dinesh		Not started			
<b>D-1-S1</b>	<b>Development of training tools/materials for community participation</b>						
1	Drafting and design of flex and OHP sheets	SWS/Dilip, Krishna		Not started		Rescheduled	
2	Production of OHP sheets	SWS/Dilip, Krishna		Not started		Rescheduled	
3	Procurement of OHP	SWS/Dilip, Krishna		Canceled	OPH of Khopa Collage can be used		
<b>D-1-S2</b>	<b>Dissemination of information regarding SWM inclusive collection system (leaflets, brochures, calendars, advertisements in halls before starting of film show)</b>						
1	Follow-up programs for house wives in Ward no. 14, 15 and 17 (4 times)	SWS/Dilip, Krishna		Not started		On schedule	
2	School based orientation program	SWS/Dilip, Krishna		Postponed	Budget is not approved		
<b>D-1-S3</b>	<b>Implementation of mass communication and education program (distribution of stickers &amp; posters, drama play, competition among children group-drama, original stage drama during Gaijatra festival, drawing wall paintings, cleansing at the local community)</b>						
1	Publication of promotional materials	SWS/Dilip, Krishna		Not started		On schedule	
2	Cleanup campaign	SWS/Dilip, Krishna		Postponed	Budget is not approved		
3	Drawing competition	SWS/Dilip, Krishna		Postponed	Budget is not approved		
4	Essay competition	SWS/Dilip, Krishna		Not started		On schedule	
5	Drama	SWS/Dilip, Krishna		Postponed	Budget is not approved		
6	Award program	SWS/Dilip, Krishna		Postponed	Budget is not approved		
7	Rally	SWS/Dilip, Krishna		Not started		On schedule	
<b>D-2-S1</b>	<b>Promotion of Interpersonal Communication and Education program with arrangement of agreement with NGO such as selection of target communities, orientation workshop, baseline information survey in regard to existing knowledge, attitude &amp; practices on SWM,</b>						
1	Promotion of waste minimization by making people well known with various methods of waste reduction at sources			Not started		Rescheduled	
1a	Refresher training on composting	SWS/Dilip, Krishna		Not started		Rescheduled	
1b	Reuse training	SWS/Dilip, Krishna		Not started		Rescheduled	
2	Expansion of Nature Clubs			Not started		Rescheduled	
2a	Follow-up meetings with existing Nature Clubs	SWS/Dilip, Krishna		Not started		Rescheduled	
2b	Follow-up activities for existing Nature Clubs	SWS/Dilip, Krishna		Not started		Rescheduled	
2c	Workshop for target school teachers	SWS/Dilip, Krishna		Not started		Rescheduled	
2d	Training for target school children and from 5 Nature Clubs	SWS/Dilip, Krishna		Not started		Rescheduled	

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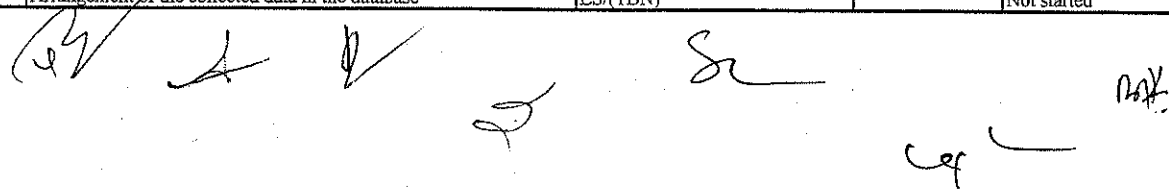
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SN	Short-Term Activities to be Conducted in FY 2062/63	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks	
2e	Provide seed money and stationary for 5 Nature Clubs to conduct activities (Rs 2,000 for seed money and Rs 500 for stationary)	SWS/Dilip, Krishna		Postponed	Budget is not approved		
2f	Field visit (2 times with vehicles: 2 groups, 3 times without vehicles: 2 groups)	SWS/Dilip, Krishna		Postponed	Budget is not approved		
<b>E-1-S1</b>	<b>Implementation of training on SWM based on the TNA</b>						
1	Conduct training program as TNA	PPWS/Laxman		Not started		On schedule	
<b>E-1-S2</b>	<b>Finalization of organizational restructuring for SWM</b>						
1	Establishment of Environment Section	CEO		Completed			
2	Transfer of staff	CEO		Continued			
3	Provide TOR to the staff	CEO		Completed			
4	Physical improvement	CEO		Continued			
5	Approve Task Force TOR	CEO		Completed			
6	Drafting SWM guideline (By laws)	Environmental Sec./(TBN)		Not started		On schedule	
<b>E-2-S1</b>	<b>Collection of relating data for SWM</b>						
1	Collection of relating data for SWM	ES/(TBN)		Not started			
<b>E-2-S2</b>	<b>Arrangement of the collected data in the database</b>						
1	Arrangement of the collected data in the database	ES/(TBN)	Not started				



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MTM: Annual Work Plan of FY 2062/63

SN	Short-term Activities to be Conducted in FY2005/06 (2062/63)	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
<b>A-1-S1 Procurement of collection vehicle (s) and assignment of a driver, collectors and loaders</b>						
1	Arrangement of collection vehicle	PTS/Satya	In total NRs 1,500,000 is allocated in budget for SWM activities. But there is unallocated budget, which can be utilized in SWM activities.	Continued		Rs 200,000 has been spent so far for the rent of a collection vehicle. Municipality need a collection vehicle Rs 450,000 will spent for the wage of collectors
2	Arrangement of collectors with collection equipment	PTS/Satya		Continued		
<b>A-2-S1 Setting "depo (s)" at new collection areas</b>						
1	Preparation of a plan of depo(s) for collection/transfer	PTS/Satya		Started		
2	Public meeting/consultation with local people to discuss the depo development plan	PTS/Satya		Started		Initial meeting was held
3	Preparation of design drawing of depo(s) including topo/geological surveys	PTS/Satya		Not started		On schedule
4	Tender for construction	PTS/Satya		Postponed		
5	Construction of depo(s)	PTS/Satya		Postponed	Lack of manpower and vehicle	
6	Preparation of operation plan of depo(s) and review	PTS/Satya		Postponed		
7	Operation of depo(s)	PTS/Satya		Postponed		
<b>A-3-S1 Preparation of guidelines for private sector collection</b>						
1	Review of the established general rules of PPP	CDSS/Tulsi		Started		PPP guideline is prepared
2	Clarification of the existing private collection in Wards 15, 16, and 17	CDSS/Tulsi		Started		Four groups are working as private collectors
3	Preparation of own guidelines of MTM for private sector collection	CDSS/Tulsi		Started		On discussion phase
4	Preparation of individual agreement paper for PPP with the existing private sector	CDSS/Tulsi		Started		On discussion phase
5	Signing on the agreements	CDSS/Tulsi		Not started		Rescheduled
6	Monitoring of private sector activity	CDSS/Tulsi		Continued		
<b>B-2-S1 Providing of bags and metal strings (suiros) for separation at source</b>						
1	Expansion of plastic recycling (50 bags, 50 strings, etc.)	CDSS/Tulsi		Not started		On schedule
2	Training for community (2 groups)	CDSS/Tulsi		Not started		Rescheduled
<b>B-3-S2 Operating community composting</b>						
1	Conducting a study for composting chamber operation	CDSS/Tulsi		Not started	Lack of fund for operation	Municipality will seek other option for the operation of chambers for example, privatization
2	Trial of operation of composting chamber	CDSS/Tulsi		Not started	Lack of fund for operation	
<b>C-1-S1 Identification and arrangement of a temporary landfill site</b>						
1	Nominating candidates, public consultation and site selection	PTS/Satya		Started		
2	Preliminary engineering survey, pre feasibility study and design	PTS/Satya		Not started		On schedule
3	Land preparation work	PTS/Satya		Not started		On schedule
<b>C-2-S1 Conclusion of agreement with BKM for development and utilization of Taikabu LF</b>						

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SN	Short-term Activities to be Conducted in FY2005/06 (2062/63)	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
1	Cooperation and support to BKM/SWMRMC	PTS/Satya, LS/Siva		Continued		Seeking alternative LFS instead of Taikabu
<b>D-1-S1</b>	<b>Raising of public awareness through local radio (FM) and miking</b>					
1	Broadcasting on local FM on SWM	CDSS/Tulsi		Continued		
2	Miking regarding SWM	CDSS/Tulsi		Continued		
<b>D-1-S2</b>	<b>Implementation of public events</b>					
1	SWM exhibition (1time for 2 days)	CDSS/Tulsi, Krishna		Not started		On schedule
<b>D-2-S1</b>	<b>Development of training tools and promotion materials for community participation</b>					
1	Development of training tools and promotion materials	CDSS/Krishna		Not started		On schedule
<b>D-2-S2</b>	<b>Formation and mobilization of Eco/Nature Clubs at schools</b>					
1	Four Eco-clubs formation and mobilization with training and fund	CDSS/Krishna		Not started		Will be started very soon
<b>D-2-S3</b>	<b>Formation and mobilization and skills development of community groups for SWM</b>					
1	Household reuse training (2times, 5days)	CDSS/Tulsi		Not started		Rescheduled
2	Community group interaction and feedback collection	CDSS/Tulsi		Not started		On schedule
3	Community groups formation, mobilization and partnership	CDSS/Tulsi		Not started		On schedule
4	Refresher training on SWM for existing groups 10days one time	CDSS/Tulsi		Not started		Rescheduled
<b>D-2-S4</b>	<b>Implementation of community-based clean up program</b>					
1	Clean up program (4 times)	CDSS/Tulsi		Not started		Rescheduled
2	Temple and monuments cleaning by mobilizing community and students (3 times)	CDSS/Tulsi		Not started		On schedule
3	Municipal area cleaning works	CDSS/Tulsi		Continued		
<b>D-2-S5</b>	<b>Mobilization of youth as city volunteers for SWM</b>					
1	Selection of 17 city volunteers (to be assigned to each ward)	CDSS/Tulsi		Not started		Rescheduled
2	Three-day camp	CDSS/Tulsi		Not started		Rescheduled
3	Regular activities including meeting	CDSS/Tulsi		Not started		On schedule
<b>E-1-S1</b>	<b>Strengthening of SWM Sub-section</b>					
1	Review job descriptions and implement assignments	CEO		Started		Draft JD prepared
<b>E-2-S1</b>	<b>Collection of relating data for SWM</b>					
1	Collection of relating data for SWM	PTS/Satya		Continued		
<b>E-2-S2</b>	<b>Arrangement of the collected data in the database</b>					
1	Arrangement of the collected data in the database	PTS/Satya		Not started		On schedule

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KRM: Annual Work Plan of FY 2062/63

SN	Short-term Activities to be Conducted in FY2005/06 (2062/63)	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of deviation	Remarks
<b>A-1-S1</b>	<b>Preparation of agreements with private sector (NGOs/CBOs) and conclusion of the contracts (up to two parties)</b>					
1	Review & examine previous agreements and establishment of general rules/guideline	PTS/Bal, SWMU/Anuj, Gyan	In total NRs 700,000 is approved by the council to implement SWM activities	Completed		
2	Preparation of individual agreement for PPP	PTS/Bal, SWMU/Anuj, Gyan		Completed		
3	Conduct meeting with the potential private operators for identifying zoning areas	PTS/Bal, SWMU/Anuj, Gyan		Started		
4	Call for the proposal including their planning and work	PTS/Bal, SWMU/Anuj, Gyan		Not started		Preparation works completed and rescheduled for Poush
5	Review and analysis of proposal and locating sites for collection	PTS/Bal, SWMU/Anuj, Gyan		Started		Collection site decided by municipal board
6	Signing on the agreement & contracting the work for SWM services	PTS/Bal, SWMU/Anuj, Gyan		Not started		Rescheduled for Magh
7	Monitoring of performance of private activities	PTS/Bal, SWMU/Anuj, Gyan		Continued		
<b>B-1-S1</b>	<b>Selection and arrangement of land for a composting facility</b>					
1	Discussion with NGOs for development of a composting facility	PTS/Bal, SWMU/Anuj, Gyan		Started		Composting site had been decided at the Bagmati River
<b>B-2-S1</b>	<b>Promotion of home composting program (by providing bins, bags)</b>					
1	Planning of extension	SWMU/Gyan		Started		Discussion with community started
2	Preparation plan for three trainings	SWMU/Gyan		Not started		Rescheduled to Magh in two wards
3	Development of O&M plan	SWMU/Gyan		Not started		Rescheduled to Magh
4	Distribution of 25 bins, 150 bags and 150 suiros	SWMU/Gyan		Not started		Rescheduled to Magh
5	Evaluation and improvement	SWMU/Gyan		Not started		On schedule
<b>B-3-S1</b>	<b>Continuous implementation of separated collection of plastic bags (by providing wires (suiros), etc.)</b>					
1	Agreement with "Kawadi" for plastic collection	SWMU/Anuj, Gyan		Started		Discussion going on and rescheduled agreement to Poush
2	Planning of extension of collection areas	SWMU/Gyan		Not started		
3	Operation of a plastic store house	SWMU/Gyan		Continued		
4	Evaluation and improvement	SWMU/Gyan		Not started		On schedule
<b>C-1-S1</b>	<b>Coordination with KMC for utilization of Teku T/S</b>					
1	Conclusion of agreement with KMC for Teku T/S	CEO		Started		Verbal agreement to use Teku T/S
2	Classification of waste quality (Data analysis)	PTS/Bal		Not started		
3	Discussion with KMC on duty demarcation and cost sharing	PTS/Bal		Started		Verbal agreement with KMC to Teku T/S without cost in return of Bagmati LFS
4	Discussion with private sector and NGOs on the manner to transport wastes to Teku T/S	PTS/Bal		Started		
5	Procurement of necessary equipment and facilities	PTS/Bal		Postponed	Budget is not approved	Private sector will do the activities instead
<b>D-1-S1</b>	<b>Implementation of education program of SWM for school children and households (by promoting home composting, plastic bag separation, etc.)</b>					

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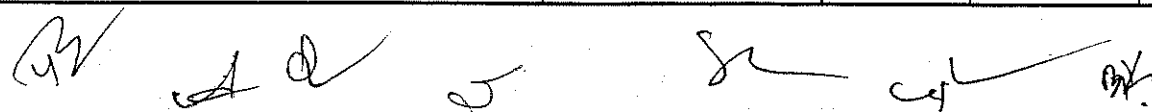
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SN	Short-term Activities to be Conducted in FY2005/06 (2062/63)	Responsible Person (Section)	Approved Budget (NRs)	Status	Reasons of deviation	Remarks
1	Collection of school level training demand	SWMU/Anuj		Not started		Rescheduled
2	Conduct 10 training on SWM	SWMU/Anuj		Not started		On schedule
3	Identify and form 5 new groups	SWMU/Anuj		Not started		On schedule
4	Train 5 newly formed groups	SWMU/Anuj		Not started		On schedule
5	Exhibition	SWMU/Anuj		Not started		On schedule
6	Clean up campaign	SWMU/Anuj		Started		Two campaigns have completed
7	Formation of 10 Nature Clubs	SWMU/Anuj		Not started		On schedule
<b>E-1-S1</b>	<b>Establishment of a section (unit) on SWM</b>					
1	Final approval of TOR and implementation	CEO		Not started		Rescheduled for Poush
2	Strengthen SWM Unit (staff selection, provision of physical facilities)	Account Sec/(TBN)		Completed		
<b>E-2-S1</b>	<b>Implementation of staff training on SWM and other related skills</b>					
1	HRD Plan (training on SWM & other skill)	PTS/Bal		Started		Field visit to other municipalities
2	Prepare Annual Work Plan for the coming year	Municipal board/TF		Not started		On schedule
<b>E-3-S1</b>	<b>Collection of related data for SWM from private sector</b>					
1	Arrangement of the collected data collection from private sector	PTS/Bal		Started		Preparatory works are going on (data will be collected in the process of preparation of city profile)
<b>E-2-S2</b>	<b>Arrangement of the collected data in the database</b>					
1	Arrangement of the collected data in the database	PTS/British		Not started		
<b>F-1-S1</b>	<b>Coordination with SWMRMC, neighboring municipalities and NGOs/CBOs</b>					
1	Coordination with SWMRMC, neighboring municipalities and NGOs/CBOs	CEO, Task Force		Started		



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**SWMRMC: Annual Work Plan of FY 2062/63**

SN	Short-term Activities to be Conducted in FY 2062/63	Responsible Person	Approved Budget (NRs)	Status	Reasons of Deviation	Remarks
S1	Clarification of demarcation between SWMRMC and Local Bodies by issuing a new policy and amendment of the Solid Waste Act	Ashok Shahi	100,000	Started		Legal expert will be assigned
S2	Clarification of legal status and change of jurisdictional area by amendment of the Act	Ashok Shahi		Started		
S3	Establishment of a strategic plan for SWMRMC (future organizational and institutional development plan)	Ashok Shahi		- Not started		
S7	Implementation of Public Relations (PRs) activities (management of web-site and issue of newsletter, etc.)	Nirmal Acharya	100,000	Started		
<b>S1</b>	<b>Development of Sisdol Short-term LF</b>					
S1-1	Development of Sisdol LF Valley 2	Ram Sharan Maharjan	13,200,000	Started		
S1-2	Handover Valley 2 to operator	Ashok Shahi		- Not started		
S1-3	Periodic environmental monitoring	Nirmal Acharya	300,000	Not started		
<b>S2</b>	<b>Development of Waste Processing Facility (KMC, LSMC, KRM)</b>		to be allocated			
S2-1	Land selection	Ashok Shahi		Not started		
S2-2	Site investigation works	Ashok Shahi		Not started		
S2-3	Land acquisition	Ashok Shahi		Not started		
S2-4	Concept design and feasibility study	Ashok Shahi		Not started		
S2-5	EIA process	Nirmal Acharya		Not started		
<b>S3</b>	<b>Development of Long-term LF (KMC, LSMC, KRM)</b>					
S3-1	Construction of access road	Ram Sharan Maharjan	5,000,000	Started		
S3-2	Identification of the capacity and service areas	Ram Sharan Maharjan		- Not started		
S3-3	Site investigation works	Ram Sharan Maharjan		- Not started		
S3-4	Land acquisition	Ram Sharan Maharjan		- Not started		
S3-5	Concept design	Ram Sharan Maharjan		- Not started		
S3-6	EIA process	Nirmal Acharya	900,000	Started		Scoping report and TOR for EIA has been submitted to MOEST
<b>S4</b>	<b>Development of Long-term LF (BKM, MTM)</b>					
S4-1	Site investigation works (EIA, Topography survey, Soil investigation)	Topa Ram Acharya	2,000,000	Not started	Opposition of local people	Meetings with local people are being held
<b>S5</b>	<b>Closure of Bagmati River dumping site</b>		17,000,000			NRs 900,000 has been spend
S5-1	Design of Bagmati River dumping site closure plan	Ram Sharan Maharjan		Not started		
S5-2	Implementation of Bagmati closure plan	Ram Sharan Maharjan		Not started		

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