

## FUNCTIONAL STATEMENT AND GENERAL OBJECTIVES

Office/Department : **SOLID WASTE MANAGEMENT OFFICE**  
 Budget Year: : **2012**

### I. FUNCTIONAL STATEMENT:

1. An effective Waste Management system in Naga City compliant of the R.A. 9003 and other existing Laws and Ordinances acceptable to all sectors of Naga City.
2. A CLEANER NAGA CITY, with upgraded and functional Waste Disposal System such as the Citywide Materials Recovery Facility (MRF) at Barangay Balatas, the Riverside Materials Recovery Facility at MEPO compound formerly Naga City Public Market, and the establishment of Barangay MRF's, compliant to the existing Environmental Laws and Ordinances.
3. To ensure an all time Roadworthiness of all Government Service Vehicles, Trucks and Heavy Equipments and functional Stationary Machineries and Plant as mandated under the City Ordinance # 2011 – 001.
4. A functional Small Scale Community Projects Implementing Office, under the Administrative Order # 2011 – 007 embodied through unified community efforts, the construction and repair of Drainages, Pathways Sundryers, Public Restrooms, Pavements for communal use and all other projects as may be deemed necessary by the city mayor under Special Projects.

### II. OBJECTIVES:

- a) City Mainroads, Streets, Parks and Plazas are cleaned and cleared with waste and liters 24 hours a day as possible.
- b) On-time waste collection and segregation at source is implemented within the whole coverage during schedules as possible and realizable.
- c) Operational, fully, manage, semi-mechanized, clean and non-smelling Materials Recovery Facility (MRF). Producing high grade compost and other recyclable products out from waste.
- d) All government service vehicles, trucks, heavy equipments and stationary plants and machineries are fully maintained and ready for utilization as needed and as scheduled and may recommend thereto for possible economical remedy and as to the status of the existing fleet.
- e) To make sure that all small scale community projects and small infra are accomplished as scheduled and on time at least costing and within the construction standards of the proper authorities.

Reference Code (1)	Program/Projects/Activity (2)	Cost	Performance Output Indicator	Annual Targets	Implementation Schedule	
					From (6)	To (7)
8732-1-1	1. Monday to Sunday, %:00 am 50 10:00 pm Street Sweeping of City Main roads, Streets, Parks and Plaza's including Central Business District I & II, small curbside waste and bridges top cleaned and litter free daily. 2. Cost of Sweeping / Cleaning: Personal Services – SWMO Personnel (Permanent & Casual)  M.R.F Labor Operational Cost – Walis Ting – Ting Garbage Plastic Bag  Hand Gloves Rubber Boots Rain Coats	3,714.73 2,993.76  950	3. In Volume of Liters swepted per day.  9. Volume of waste collected in tons per day.  10. Number of job order comple	4. 2.16 tons/days X 90 days =194.40 tons  5. 213.84 tons (Estimate)  6. 235.22 tons (Estimate)  7. 258.75 tons (Estimate)	Jan.  Apr.  Jul.  Oct.	Mar.  Jun.  Sep.  Dec.
8732-2-1	Collection and hauling of construction waste, tree trimmings, grass cuttings, and other obstruction curbside waste, as scheduled Monday to Saturday, 8:00am to 5:00pm are 100 % collected 8. Cost of Hauling: Personal Services – SWMO Personnel (Permanent,	529.9 784.08		5.87 tons/day X 90 days =520.2 tons  10 Job Order/day X 90 days =900 JO	Jan.	Mar.

	Casual) MRF Labor		ted per day.	-do- -do- -do-	Apr. Jul. Oct.	Jun. Sep. Dec.
8732-3-1	Segregated garbage collection in CBD1/CBD 2, Commercial Districts, Residential Districts, Schools & Hospital areas, daytime and night time schedules starting 5:00am to 2:00am, Mondays to Sundays. 100% collected. 11. Cost of hauling: Personal Services – SWMO Personnel (Permanent, Casual) MRF Labor	7,308.29 712.80	12. Volume of Waste collected in tons per day.  13. Percent of compliance per day. District and area	46.36 tons/day X 90 days =4,172.4 tons  -do- -do- -do-	Jan.  Apr. Jul. Oct.	Mar.  Jun. Sep. Dec.
8732-4-1	To ensure that all waste collected by city trucks and private haulers are processed daily into compost for Bio-Waste and Recyclable for Non-Bio waste on a regular basis into the City's MRF, less the foul odor emanation during the process. 14. Cost of Labor for MRF Personnel: SWMO Personnel (Permanent, Casual) M.R.F. Labor  15. Rental of Equipment    16. Cost of Inoculant Production: 17. Cost of Production Php 9.50/L 18. Production – 600 Liters/day (Ready for Spray) Cost of Production per Day Php 5,700.00/day @ 240 days per annum.	932.53 1,710.72  3,000 Per year   1,368 Per year	19. In number of tons delivered to MRF per day.  20. In number of tons of Bio and Non-Bio Processed per day  21. In Number of Liters Produced per day.	52.14 tons/day X 90 days =4,692.60  -do- -do- -do-  31.3 tons/day Bio-Waste X 90 days =2,817 tons  -do- -do- -do-  15.6 tons/day Recyclable X 90 days = 1,404 tons  -do- -do- -do-  5.2 tons/day Residual Mat'l. X 90 days =468 tons  -do- -do- -do-  600 ltrs./day X 90 days =54,000 ltrs.  -do- -do- -do-	Jan.  Apr. Jul. Oct.  Jan.  Apr. Jul. Oct.  Jan.  Apr. Jul. Oct.  Jan.  Apr. Jul. Oct.	Mar.  Jun. Sep. Dec.  Mar.  Jun. Sep. Dec.  Mar.  Jun. Sep. Dec.  Mar.  Jun. Sep. Dec.

8732-5-1	<p>Construction, Mechanization and upgrading of City MRF's.</p> <p>22. Purchase of additional MRF equipment.</p> <p>23. Construction of composting bins, with leachate collection, treatment and filter ponds.</p> <p>24. Construction of NCPM riverside compound MRF.</p> <p>25. Construction of Barangay MRF'S on selective basis.</p> <p>26. Cost of Operation and maintenance of the existing facility.</p> <p>27. Construction and upgrading of Bio Inoculant Laboratory.</p>	<p>15,000.</p> <p>5,000</p> <p>6,000</p> <p>3,680</p> <p>2,200</p> <p>1,620</p>	<p>28. In number of kilos of high grade compost yield/day.</p> <p>29. In the amount of finished product processed per day. Produced per day out of residual waste.</p>	<p>18,370.50 kgx./dcaay of 377 bags/day – High Grade Compost @ Php 8.00/kg.</p> <p>720 Job Orders Per Quarter @ 8 Job Orders Per day</p> <p>-do-</p> <p>-do-</p> <p>-do-</p>	<p>Jan.</p> <p>Apr.</p> <p>Jul.</p> <p>Oct.</p>	<p>Mar.</p> <p>Jun.</p> <p>Sep.</p> <p>Dec.</p>
8732-6-1	<p>30. Construction and implementation of small infra, for communal use.</p> <p>31. Construction of small scale community projects such as drainages, pathways, sun dryers, public rest rooms and pavements.</p> <p>Personal Services: 12 MRF Labor –</p>	<p>2,000</p> <p>2,000</p> <p>1,069</p>	<p>32. Number of small infra tasked and finished per project.</p>	<p>15 small Infra Projects</p> <p>-do-</p> <p>-do-</p> <p>-do-</p>	<p>Jan.</p> <p>Apr.</p> <p>Jul.</p> <p>Oct.</p>	<p>Mar.</p> <p>Jun.</p> <p>Sep.</p> <p>Dec.</p>
8732-7-1	<p>Construction of SWMO Office Bldg. and work bay area at Motorpool compound.</p> <p>Personal Services</p> <p>SWMO</p> <p>MRF</p>	<p>2,112</p> <p>12,486.47</p> <p>7,270.56</p>	<p>33. As to the percentile of office accomplishment per year end and the degree of convenience of office staff per 365 days of happy work loads.</p>		<p>Jan.</p>	<p>Dec.</p>
<b>TOTAL</b>		<b>84,442.84</b>				