

MATERIALS RECOVERY FACILITIES

1. Introduction
 - States the functions and use of a MRF
2. Materials Recovery Facilities
 - Shows where the MRF were cited from the RA 9003
3. City MRF Floor Plan
 - Shows the proposed specs of the City MRF Located at Brgy. San Dionisio
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 - a. Brgy. Don Bosco
 - b. Brgy. Merville
 - c. Brgy. San Isidro
 - d. Brgy. Sto. Nino
5. Legal Documentation and Citation
 - a. Article 4 Section 32 of RA 9003
 - b. Rule XI Section 1 of RA 9003 IRR

MATERIALS RECOVERY FACILITIES (MRF)

1. Introduction

MRF is a specialized area wherein wastes were received, segregated and identified for its rightful end point. MRF also help in the reduction of probable gas emission from improper waste disposal. Wastes identified on the MRF were mostly recyclable materials that tends to react with residual wastes that may produce gaseous compounds. Flammable gaseous compound and even toxic gaseous compounds were observed at dumpsites wherein segregation weren't followed. The some of the gaseous compounds produced falls on the same category as the GHG (e.g. Methane, SOx, NOx and Chlorinated gas).

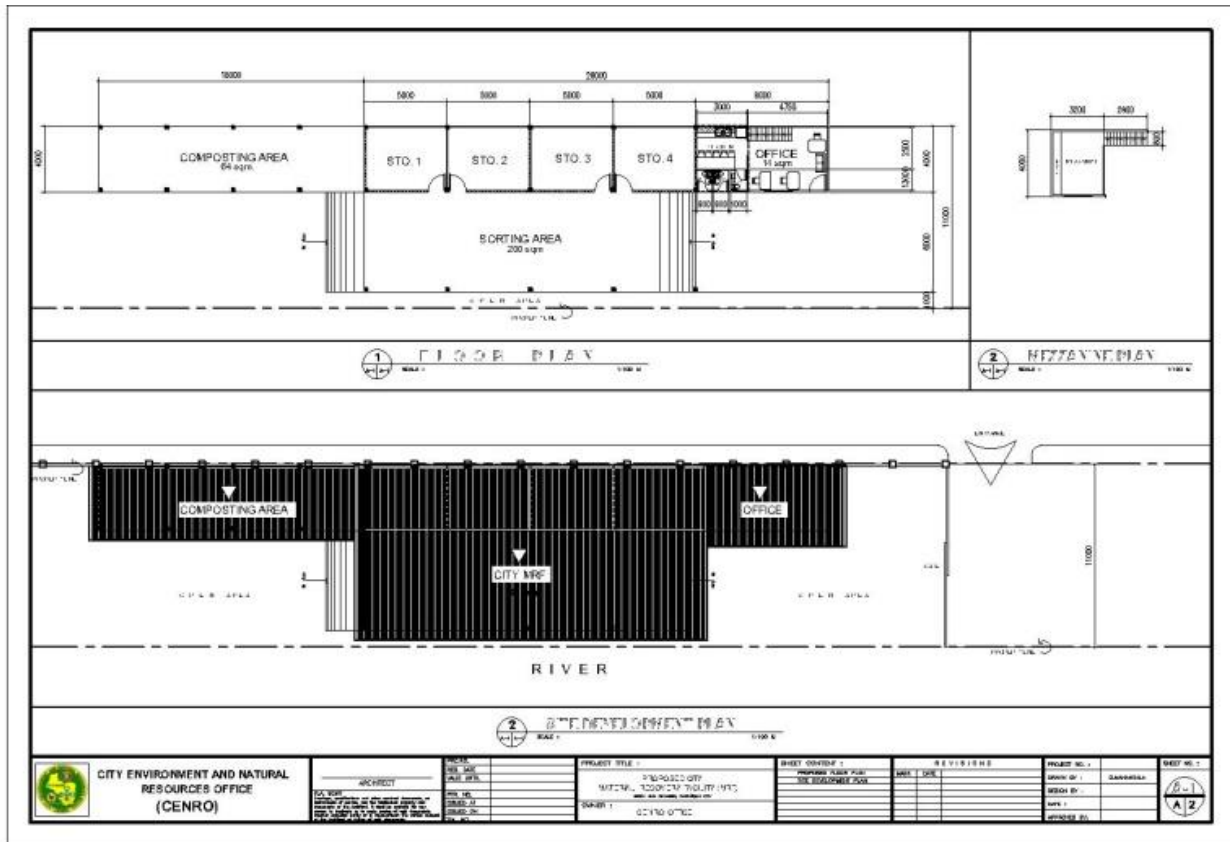
2. Materials Recovery Facilities

- IRR of RA 9003 Rule Xi Section 1 indicates that MRF's participation

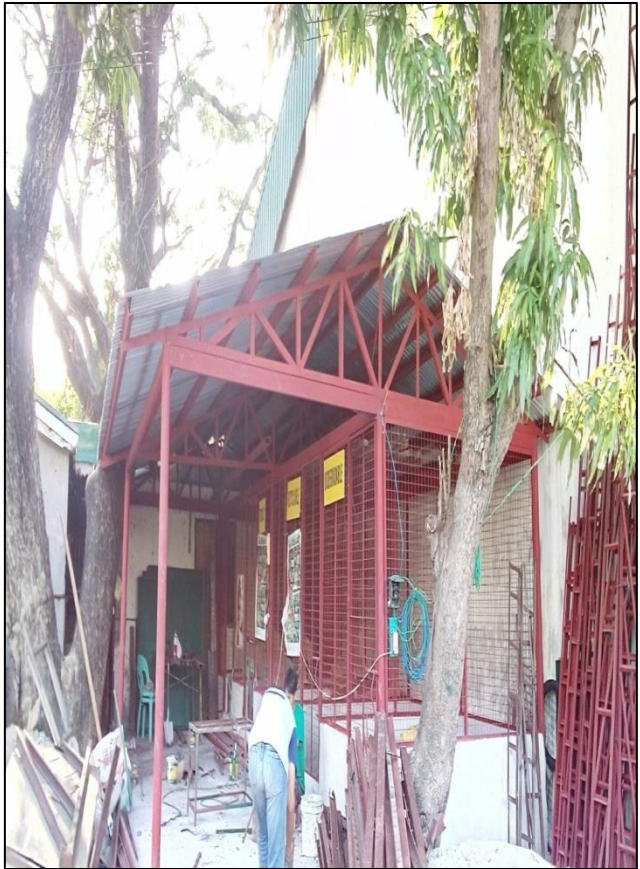
According to IRR Rule XI Section 1 of RA 9003, the Barangays shall be responsible for the collection, segregation, recycling of biodegradable, recyclable, compostable and reusable wastes. MRFs will be established in every barangay or cluster of barangays.

Materials Recovery Facilities or MRF functions as solid waste transfer or sorting station and drop-off station. The area plays a significant role on the reduction of waste sent landfill. Because of its role on segregation of waste, the production of different gases from the waste that weren't segregated will be avoided (e.g. methane, sulfur oxides, etc.)

3. City MRF Floor Plan



4. MRF at Baranggay Level (and Output)
a. Brgy. Don Bosco



b. Brgy. Merville



c. Brgy. San Isidro



d. Brgy. Sto. Nino



5. Legal Documentation and Citation
 - c. Article 4 Section 32 of RA 9003
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