

## REGION 7 SWM IMPLEMENTATION PERSPECTIVE

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Environmental Management Bureau  
Region 7, Banilad, Mandaue  
January 28, 2014

### Region 7 Covered Local Government Units

4 Provinces  
16 Cities  
116 Municipalities  
(132 mayors and 4 governors)  
3,003 Barangays



Department of Environment and Natural Resources-Environmental Management Bureau

### The Basic Technical Requirements of RA 9003 (Ecological Solid Waste Management Act of 2000)



### Compliance Status : Environmental Organization

#### Solid Waste Management Boards/Committees

Created	Unit	Active	Unit
Provincial SWMB	4	Provincial SWMB	4
City/Municipal SWMB	132	City/Municipal SWMB	28
Barangay SWMC	3003	Barangay SWMC	67

### On segregated and complete garbage collection

#### SEGREGATED (SECTION 21, RA 9003)

#### COMPLETE (SECTION 48 RA 9003) (ABSENCE OF LITTERS/GARBAGE PILES WITHIN LGU AREA OF RESPONSIBILITY)

### Segregated and complete collection in San Francisco, Cebu



### Material Recovery Facilities

Type	No	Barangays Served
Central MRF (LGU owned)	36	To be determined
Central MRF (Privately owned)	3	
School MRF	88	
Barangay MRF	899	899
Total	1025	1025++

### Typical Waste Diversion Approaches

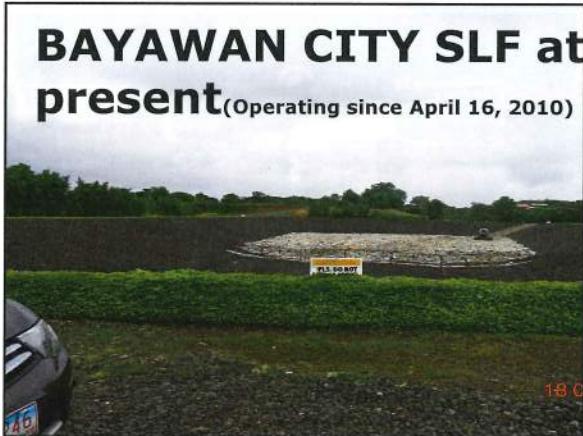


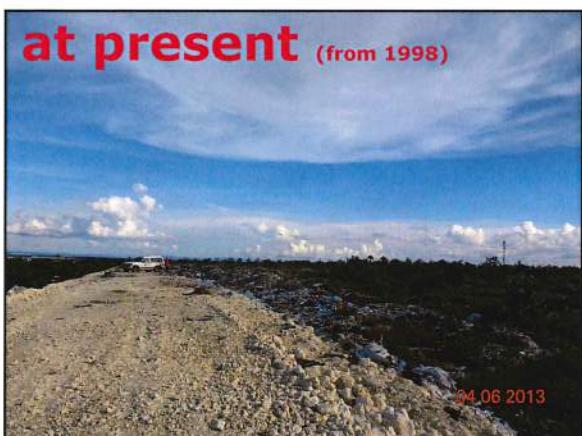
### Waste Storage/Disposal Facilities

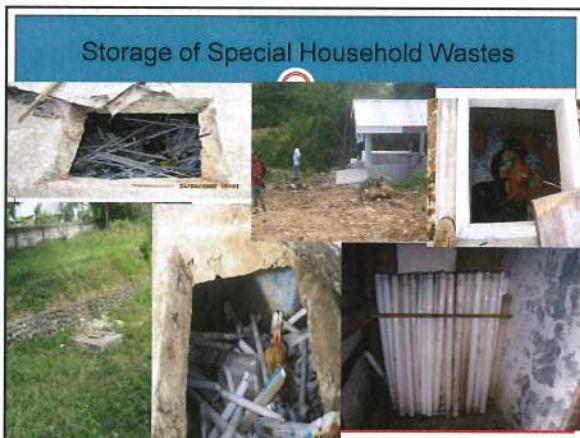
LGUs using Open Dumpsites	<b>67</b>
LGU's using Controlled Dumpsites	<b>49</b>
Sanitary Landfill (Operational/LGU owned )	<b>6</b>
LGUs Using Sanitary Landfill	<b>11</b>
Sanitary Landfill (Under construction)	<b>3</b>
Private SLF (In Consolacion, Cebu and Compostela, Cebu	<b>2</b>
LGUs using Residual containment facilities	<b>5</b>
Open dumpsites with ATC	<b>13</b>
Controlled dumpsite with ATC	<b>8</b>

## THE BEST AND WORST CONDITIONS OF SANITARY LANDFILLS OPERATING IN REGION 7

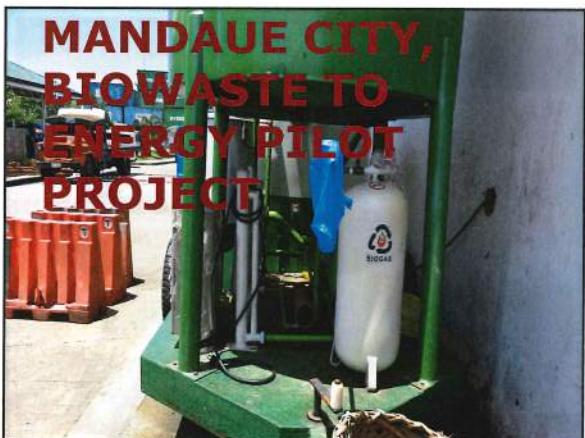
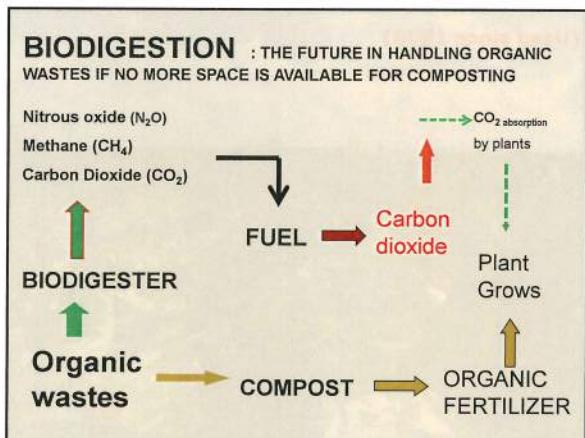
### BAYAWAN CITY SLF at present (Operating since April 16, 2010)







**R7 TRENDS  
RE-COMPOSTING IN THE FUTURE WHEN THERE IS *INCREASE IN POPULATION AND DECREASE IN AREA FOR COMPOSTING***



## **SEGREGATION OF SOLID WASTES**

**THE CRITICAL TURNING POINT IN SOLID WASTE MANAGEMENT BUT MOST OFTEN TAKEN FOR GRANTED**

### **Stumbling Blocks**

- 1. Attitudes, perception, personal interest of Elected officials**
- 2. Awareness and acceptance of the Community**
- 3. Ourselves as govt. employees**

## **EFFORTS BY EMB 7 to overcome THESE STUMBLING BLOCKS**

### **Overcoming the Stumbling Blocks....**

**For Local Officials the effort to possibly change their attitudes, perception, personal interest towards SWM is basically “courting”. For instance we need to wait longer hours for a chance to talk to the mayor**

### **Overcoming the Stumbling Blocks....**

**To change the behaviour of the community EMB 7 started tapping the services of the Barangay Health Workers as our “foot soldiers” to penetrate each households to preach the need to manage our solid wastes**

### **“Overcoming the Stumbling Blocks....**

**EMB 7 tried to enlist the services of the 4P's Beneficiaries – by receiving an amount from the government regularly they are virtually part of the government service. Does it offend their rights and feelings if we require them to practice waste management in their household as a condition to receiving financial support from the government?**

## Overcoming the Stumbling Blocks

To change the behaviour of the government employees we prepared policy guidelines for DENR 7 in line also with the memorandum from DENR Central for us to "walk the talk"

(Section 3e, Rule 21 Implementing Rules and Regulations of RA 9003)

All government offices, at the national and local levels, within the executive, legislation and judicial branches, and government-owned and controlled corporations, shall ensure information, education and actual implementation of waste management programs at the workplaces and work premises, including the pursuit of environment-friendly purchasing policies for their respective offices

### POLICY GUIDELINES FOR THE ESTABLISHMENT AND OPERATIONALIZATION OF WASTE MANAGEMENT SYSTEM FOR DENR 7 (APRIL 2013)

#### POLICY GUIDELINES FOR THE ESTABLISHMENT AND OPERATIONALIZATION OF WASTE MANAGEMENT SYSTEM FOR DENR 7 OFFICES

Vision : DENR 7 to be the center of excellence in waste management.

Mission : Operationalization of total waste management system for the establishment and operationalization of DENR 7 starting at the Regional Office.

##### Scope and area of implementation:

This policy shall cover the proper collection, treatment and disposal of solid and liquid wastes generated in Regional Office, PENRO, CENRO, other DENR 7 Offices.

##### Rationale:

The existing practices at DENR 7 Regional and field in handling wastes are far from being perfect and ideal. Hence, this Policy Guidelines for the Establishment and Operationalization of Waste Management System for DENR 7 is developed to serve as guide for effective management of solid and liquid wastes generated by DENR 7.

##### Legal bases for the establishment of this policy guidelines:

(1) RA 8749 - Ecological Solid Waste Management Act of 2000

(2) RA 9295 - Philippine Clean Water Act of 2004

(3) RA 9086 - National Solid Waste Management Act of 1990

##### Mandated Activities under RA 9086 (Ecological Solid Waste Management Act):

(a) Separation of garbage at source (households, schools, hospitals, institutions, office buildings, restaurants, etc.)

(b) Collection - Should be integrated and complete. Collecting mixtures biodegradable and non-biodegradable wastes is prohibited. The collection of wastes should be done in areas where there are no canals, creeks, water bodies and other areas in an evidence that collection of wastes is done.

(c) Disposal of Wastes. Section 20 of RA 9086 requires the diversion of wastes from the disposed sites through composting, recycling and other resource recovery activities. The agency shall be required to construct and operate material recovery facilities (MRFs) that will receive segregated wastes and process them into recovered non-biodegradable wastes for final segregation, reuse and recycling.

Hence for this purpose and for the purpose of making DENR as zero waste, a material recovery system should be put in place in each offices of the DENR.

1 | Recd. Dr. Petru. Ongkak, DSWD-Senior Waste Management System for DENR Office

2 | APR 9 2013

(d) Storage/Disposal of Residual Wastes. Disposal of wastes is the last option under RA 8749 and section 32 provides that residual wastes should be treated before disposal. A ban on the use of mercury in the production of wastes in relation to RA 8749, busted lamps which contain the toxic mercury shall be left intact and sent to the nearest hazardous waste disposal facility or an economicfeasible expensive treatment/disposal facility. Burning of wastes as a mode of disposal is prohibited. Hence, the use of incinerator is prohibited. And hence as a policy, burning of wastes should likewise be banned inside laboratories.

##### Wastewater Management/Dispose

RA 8278 regulates the disposal of wastewater to the environment to prevent water pollution. Considering the nature for wastes, The sources of wastewater are the most common among those of DENR are the community, the workplace, food preparation and eating places, and utility passenger in the caravans and the respective offices in case of which the ecosystem is harmed and the wastes are released.

Another sources of wastewater are the laboratories of the Environmental Management Bureau (EMB) and the Geosciences Bureau (GSB). The wastewater from these laboratories possibly contained toxic components hence required complete treatment and disposal.

##### General Approaches :

The following general approaches shall be implemented to attain the purposes of this policy, namely:

- (1) Establishment and operationalization of material recovery system (MRS) for solid and liquid wastes in each offices within the DENR 7 premises;
- (2) Onsite/offsite treatment of liquid wastes; and
- (3) Proper disposal of wastes.

##### Sources of Liquid and Solid Wastes Considered in this Policy Guidelines:

For the purpose of the establishment and operationalization of material recovery system for solid wastes, the following shall be considered as sources:

1. Legal Division
2. Environmental and Phenomenal Division (EPD)
3. Environmental Management Bureau (EMB)
4. Environmental Management Bureau (EMB)
5. Forest Management Services (FMS)
6. Forest Management Services (FMS)
7. Geosciences Bureau (GSB)
8. Mines and Geosciences Bureau (MGB)
9. National Parks, Areas Wildlife and Coastal Zone Management Services (PAWCZMS)
10. Motor Pool
11. Training Center and
12. Centuries

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#### Part I Handling of Solid Wastes

The general strategy to address the problem in solid wastes is the establishment and operationalization of MRS system.

**Material Recovery System Defined.** A complete system of recovering wastes that can still be of use – from recyclable materials to kitchen-yard wastes that can be further processed and converted into useful products. The MRS system consists normally, (a) segregation at source; (b) collection and transport; (c) storage; and (d) processing.

##### Guidelines in the Establishment and Operationalization of MRS

###### Segregation of Solid Wastes at Source

The source as used in this policy guidelines shall mean the several sources identified above. Below is the purpose of establishing the process of segregating individual employees and the service providers shall be encouraged not just the utility individuals. Segregation should start at the moment the wastes are generated by each individual in the office. This will help the utility individuals to identify the wastes which can expose them to health hazards hence they will now directly involve themselves in the further processing of the wastes for the recovery of valuable materials in the wastes stream.

###### The four types of Solid Wastes

1. Biodegradable wastes – wastes turned into compost and used in the garden. These include food wastes from the caravans and produced even inside the office premises such as fruits and vegetables, bread and animal flesh and innards, vegetation and fruit trimmings, tea bags, used paper napkins, etc.

2. Recyclable/reusable – can be sold to junkshops or reuse. These include paper, plastic, metals (aluminum can from soft drinks, and others), plastic such as PET bottles, glass, and others. These are sorted and labeled with identification number 1 to 7 except for styrofoam (code #6) which is not recyclable.

3. Residual Wastes – wastes that no longer have economic value hence for disposal. These include used tissue paper, sanitary napkins, diapers, cotton, rags, and others.

4. Special or toxic/hazardous wastes – wastes that is toxic and hazardous to the environment and human health. These include busted fluorescent lamps, car batteries, used oil from motor vehicles, etc.

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**Handling the four types of Solid Wastes in each Service Sector**

Each service sector shall operate a material recovery facility (MRF) in compliance with the following requirements. All solid wastes which are biodegradable wastes are subjected to final segregation, reuse and recycling. The resulting materials will be sent to the composting facility.

The components of an MRF to be established and operated by each source (service sector) shall include among others a compounding area and the storage for food wastes, recyclable materials, reusable containers and special wastes.

The components of an MRF to be established and operated by each source (service sector) shall include among others a compounding area and the storage for food wastes, recyclable materials, reusable containers and special wastes.

The contents inside the containers shall be labeled and/or coded as follows:

(1) Biodegradable (Manisan/makanan)..... Green

(2) Biodegradable (Food wastes)..... Any reusable container with cover

(3) Recyclable (Manisan/makanan) .....

(a) Paper..... White

(b) Plastic..... Blue

(c) Glass..... Clear or equivalent,

(4) Residues (dil manisan/makanan)..... Black

(5) Special wastes (Dokumen)..... Orange

**Details In Handling the above cited wastes in each service sector**

The service sector shall implement the segregations of the solid wastes that is the DGNR 7 guidelines for any service sector and the following wastes. Hand all biodegradable wastes to the composting facility or other DGNR 7 service sector composting facility.

**Biodegradable Wastes**

DGNR T Compound is cleaned by the garbage collection crew of the Cebu City Government and the collection of biodegradable wastes is done every Sunday hence the collection of biodegradable wastes is done every Sunday. The collection of other solid wastes will occur especially for food wastes and kitchen wastes. For these reasons it is advised that the individual generator (employee) of the aforementioned association shall segregate the biodegradable wastes and store them in an appropriate and reusable container. Using of plastic bags for this purpose is not recommended. The individual generator (employee) shall send the segregated composting facility of the service sector.

Service sectors occupying the Roofs for their without a hillside ground to construct the composting facility may opt to use the Telephone/Post office composting facility. The telephone/post office composting facility shall require strict compliance of their host's composting procedures. However, the host sector may still be liable if the composting facility is not properly maintained or not followed. The other biodegradable wastes such as yard trimmings and grass cutting shall be sent to the composting facility immediately right after the cleaning activity.

**Pre-composted materials shall be fed to the worms in the existing vermin composting facility managed BRDSC. Product vermicast shall be used as organic fertilizer for the reforestation plants.**

**Recyclable waste**  
These wastes may be stored in the common storage placed in conspicuous place inside the office building. It shall be the responsibility of the regular workers for them to seal subject to the existing environmental rules and regulations and shall be collected by the concerned personnel of the Environmental Management Unit. They must not be exposed to rain or dripping liquid such as condensate from air conditioners. Carbonateddrinks that shall be flattened to reduce the volume of storage in will occupy.

**Residual Wastes**  
Residual wastes may be placed inside plastic bags and the bags shall be stored in a designated area or facility during the weekly collection schedule of the Cebu City Government (presently every Thursday).

**Special Wastes**  
The following special wastes in DENR 7 offices are the busted lamps and the containers of chemical reagents. These wastes should be handled carefully, kept contained and stored in a secured and stable place.

**Minimizing the Generation of Solid Wastes During Parties/Seminars/Meetings, etc.**  
The packaging of food shall be more on compostable and/or recyclable and less on residuals. For ease in the management of solid wastes the individual employees shall be responsible for the disposal of their own wastes. After eating, employees shall placing them on the appropriate container. Care should be observed to minimize the amount of wastes generated. The trash can shall be cleaned daily and not overfilled the same shall be placed with biodegradable wastes. Food wastes generated during parties, seminars and meetings shall be disposed in the trash can. Avoided the use of reusable plates. In like manner, the contents of any recyclable container must be removed prior to discarding it. This shall ensure that the required material recovery system is in place during the said event.

Employees who wish to buy food from the canteen must use reusable container to eliminate the generation of food wastes contaminated hence odorous plastic bags.

	<p><b>Regulations on the Use of Garbage Containers</b></p> <p>For purposes of aesthetics and to discourage the generation and mixing of solid wastes with liquid wastes, the following regulations shall be observed within the DENR premises such as guardhouse, receiving area, etc. and in every working table, office, laboratory, and other areas where wastes are generated to be put up in each service sector as part of the sectoral material recovery system and be responsible in placing each type of waste in designated receptacles.</p> <p style="text-align: center;"><b>Management of Liquid Wastes</b></p> <p>The sources of liquid wastes inside DENR 7 compound include among others the wastewater from the canteens, comfort rooms, washrooms from the laboratories and the liquid wastes from the analytical instruments used by the Environmental Health Management Bureau and the Mines and Geosciences Bureau. The toxic liquid wastes are generated from the analytical instruments used by the Environmental Health Management Bureau and the Mines and Geosciences Bureau. Sanitary providers for the treatment of toxic liquid wastes are already available in Manila.</p> <p>Non-toxic liquid wastes from other sources must be directed to the septic tank or other wastewater treatment system as the cause may be to prevent the discharge of wastewater into the ground water. The concerned offices are directed to take all measures to prevent the existence of unsanitary condition in violation of PD 650 (Code of Sanitation). The concerned offices are also directed to take all measures to ensure that the wastewater they generate are directed to a treatment system not just through pipes causing unsanitary condition inside and in the immediate vicinity of DENR 7 Office.</p> <p style="text-align: center;"><b>Part III</b></p> <p style="text-align: center;"><b>General Ordinances and Clearance</b></p> <p style="text-align: center;"><b>Posting of Notices/Signage within DENR 7 Office</b></p> <p>Permanent signages such as citizen's charter, office size development plan, permanent sign, etc., must be placed in a manner not to obstruct or destroy the existing signages. If the concerned offices need to change the existing signages, notices for changes in venue of meetings etc. must be removed by the concerned offices. The concerned offices are advised to take all measures to ensure that no damage should be considered in placing temporary signages as not to destroy the coating of the permanent signages.</p> <p><b>Maintenance of the Vacant Spaces within the DENR 7 Office</b></p> <p>Vacant spaces within DENR 7 compound shall be free from wastes such as broken furniture or parts thereof, litter, construction wastes, bulky wastes for the sake of cleanliness and safety of the employees. In case of emergency, there shall be a emergency. To address the wastes from construction/repair activities, there shall be a</p>
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policy of the DENR to require contractors to immediately remove wastes and other wastes associated with their construction activities inside DENR Compound.

**Part IV**  
**Penal Provisions**

**Prohibited Acts**

(a) Littering, throwing and dumping of wastes anywhere within DENR compound

(b) Disposal of wastes by individual employee, and

(c) Other acts that the DENR Executive Committee may consider to effectively enforce this policy

**Penalties for Violation**

(a) Reprimand or warning for first offense.

(b) Discharge and suspending offenses, administrative sanction i.e., a demerit in Office behavior and cleaning/picking up of litter for those caught on the act.

**Part V**  
**Institutional Mechanism, Monitoring, Enforcement and Award System**

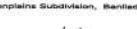
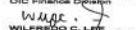
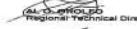
Committees shall be created to serve as backbone organizations to assure the implementation of this policy. These committees shall include:

(a) Regional Waste Management Committees (RWMC) and

(b) Regional Solid Waste Management Monitor and Evaluation Committee (RVMWMC).

This committee shall be involved in the actual implementation of the waste management program of the DENR offices and shall be composed of waste management head persons from ERME, MGRD, ERDS, FMS, RWMVAC/MSC, Legal Division, Admin and Division heads, and other concerned Divisions of the concerned agencies. This committee shall be headed by the Chief Admin and Finance of SMB 7 as Chairman and Vice-Chairpersons shall be the ERME Director, ERDS Director and Vice-Chairpersons. The RFD for ERDS and the Regional Solid Waste Management Monitor and Evaluation Committee shall be the RVMWMC and will likewise be responsible in establishment of SWIM database for DENR offices with primary responsibility of tracking the per cent waste diversion achieved with respect to solid waste management.

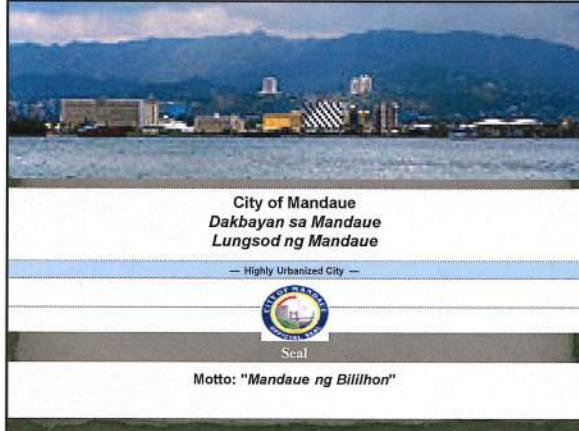
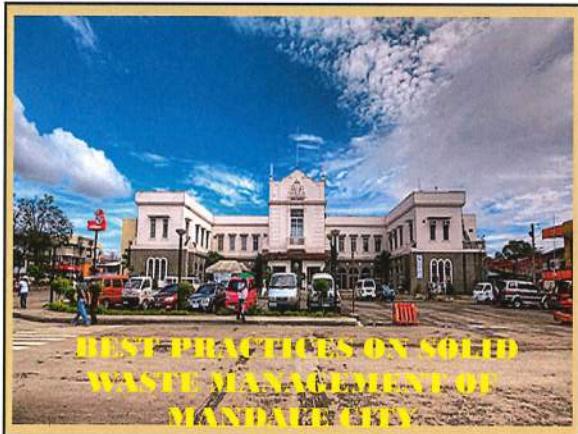
The RVMWMC shall be composed on the Regional Solid Waste Management Committee members and representatives of the concerned agencies other than those already assigned in RVMC, and shall be the RVMC, the RVMWMC will likewise be responsible in monitoring compliance with the policies and upon approval of the Executive Committee, shall implement the policy guidelines deemed necessary to attain the purposes of these guidelines.

<p>For purposes of enforcing this prohibited acts a procedure for handling the offenders shall be prepared and the corresponding enforcement team organized and trained by the RRC/SEC within one (1) month from effectiveness of this policy.</p>	<p><b>Part VI</b> <b>Effectivity</b></p> <p>This Policy shall take effect after posting for two weeks and/or presentation during two (2) successive Bag rating ceremonies.</p> <p>Done at CINCH 7 Regional Office, Greenplains Subdivision, Bantay, Mandaue City the <u>22</u> day of April 2013</p>
 <b>ATTY. DIVINA MARIE CARREON</b> CIC Finance Captain	
 <b>WILFREDO C. LIMA</b> CIC Financial Control Division	
 <b>DIANE R. ARISTAR</b> Regional Technical Director-LMS	
 <b>ERNESTO A. SANTOS</b> Regional Technical Director-EDRS	
 <b>FERNANDO P. QUILIAN</b> Regional Technical Director-CMB 7	
 <b>ERIBALDE R. MONTALVO</b> CIC Regional Executive Director	
 <b>TRINIDAD M. ETULLE</b> CIC Chief Administrative Division	
 <b>ATTY. FERNANDO S. ALBERCA</b> Solicitor General	
 <b>GILBERTO R. LOZO</b> Regional Technical Director-PAVCZMS	
 <b>EDUARDO R. PINTING</b> Regional Technical Director-PMS	
 <b>LORENZO B. ALBURGO</b> Regional Director MGD 7	



- 1. The presence of an enforcement system to compel compliance of non performing elected officials**
- 2. Top to bottom practice of waste management for all government offices (For DENR a fresh reminder from OSEC is desirable)**





**Mandaue**

The City of Mandaue is a city in the province of Cebu in the Philippines. It is one of the three urbanized cities in the island and forms a part of the Cebu Metropolitan area. Mandaue City is located on the middle eastern coastal region of Cebu, bordering to its right-side are Mactan Island where Lapu-Lapu City is located. Mandaue is connected to Mactan Island via two bridges which includes the Mactan-Cebu Bridge and Marcelo Fernan Bridge. And is bounded south and the west by the Provincial Capital, Cebu City and north by Consolacion which is linked with Cansaga Bay Bridge. The city has an area of about 34.87 square kilometers and has a total population of about 346,693 people.

**District**

Mandaue City is part of the Sixth District of Cebu joined with the municipalities of Consolacion and Cordova. Although qualified for a lone district in 1991 this was neglected by lawmakers. Mandaue is a highly-urbanized city but is administered with the supervision of the provincial government and Mandaue is politically subdivided into 27 barangays. The barangay is further divided to a sitios.

**Area**

The city has a total land area of 3,487 hectares or 34.87 square kilometers. Every square kilometer is inhabited by more or less 10,471 people. Land utilization is summarized as follows:

Category	Land Area (hectares)
Residential	872 hectares
Commercial	242 hectares
Industrial	1,685 hectares
Institutional	60 hectares
Parks	24 hectares
Roads	120 hectares
Agricultural	283 hectares

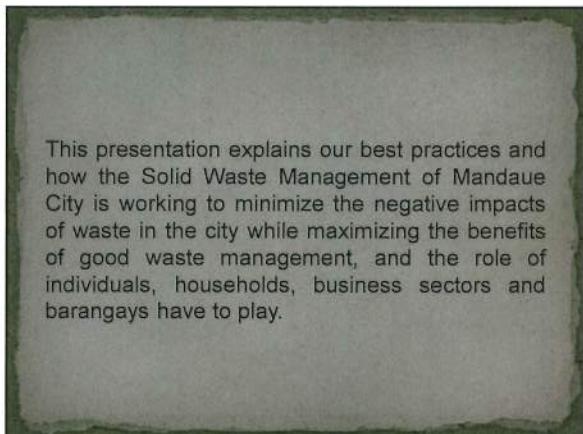
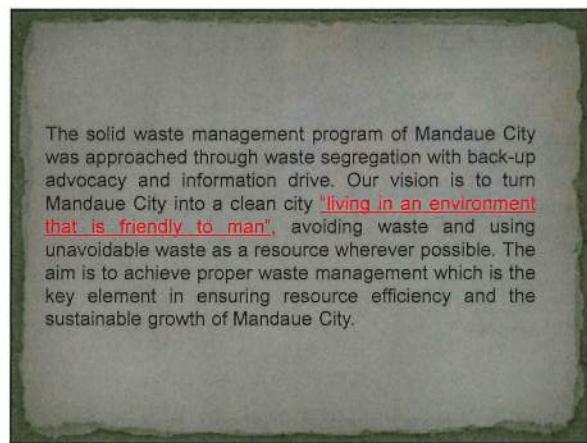
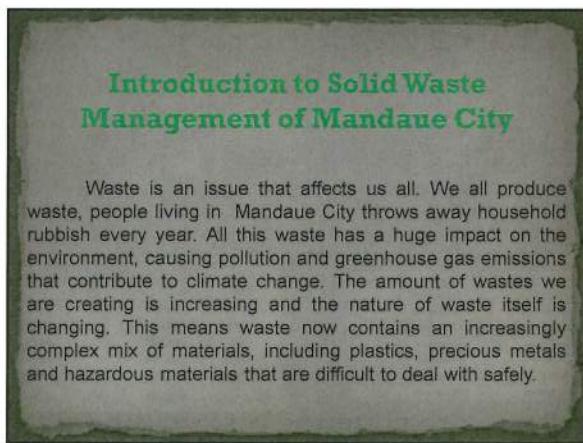
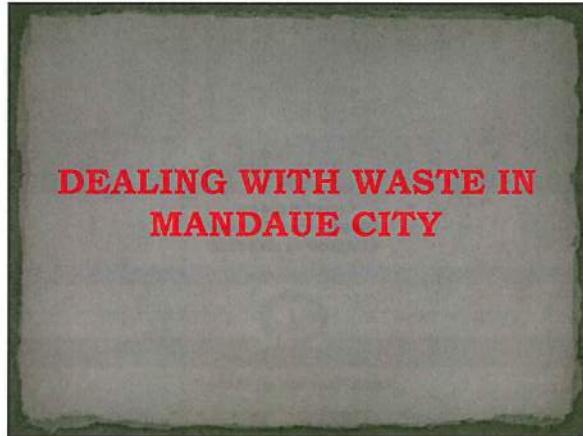
**Barangays**

Mandaue is divided into 27 barangays

**Population**

Population Census		
Year	Pop.	% p.a.
1970	58,579	—
1980	110,043	6.3%
1990	180,288	4.94%
2000	259,728	3.65%
2010	331,320	2.43%
2014 (proj)	365,144	4.54%





### **RESPONSIBILITIES OF BARANGAYS**

- Identify markets for materials that are diverted from disposal facilities through re-use, recycling, and composting, and other environment-friendly methods
- Enact ordinances that will ensure that sound waste management practices are established and sustained in the community and aid in the implementation and enforce the provisions of RA 9003 such as establishment of Local Solid Waste Management Fund (Local Fund)
  - Strictly impose sanctions for the violation of environmental rules and ordinances
  - Impose fees, through SWM Boards, for collection and segregation of biodegradable, compostable and reusable wastes from households, commerce, other sources of domestic wastes and for the use of barangay MRF's.
- Create a Barangay Solid Waste Management Committee
- Set up a Materials Recovery Facility
- Collect only biodegradable, recyclable, compostable and reusable wastes.

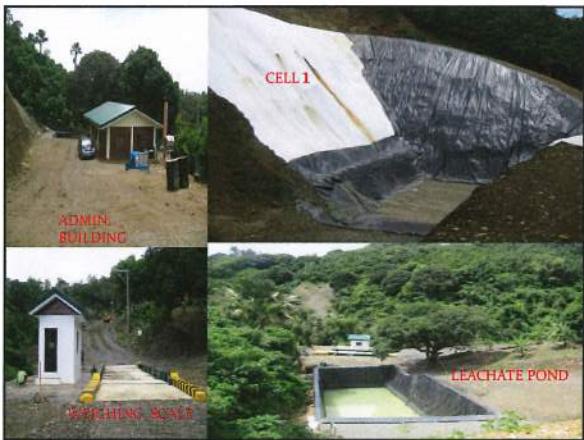
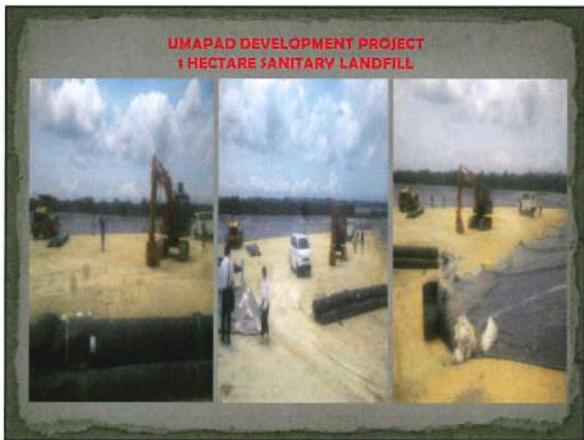


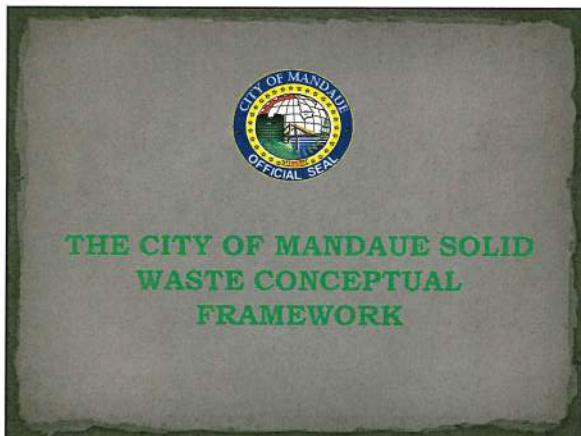
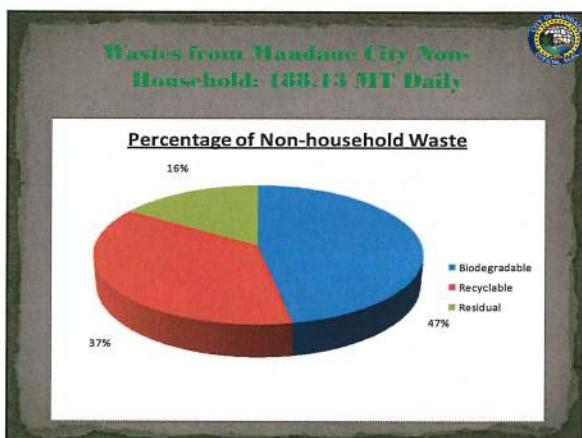
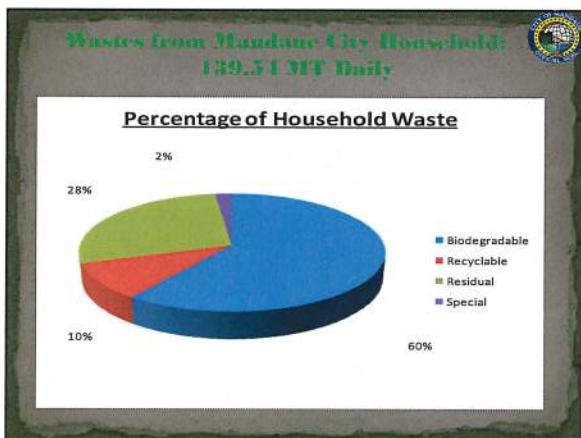
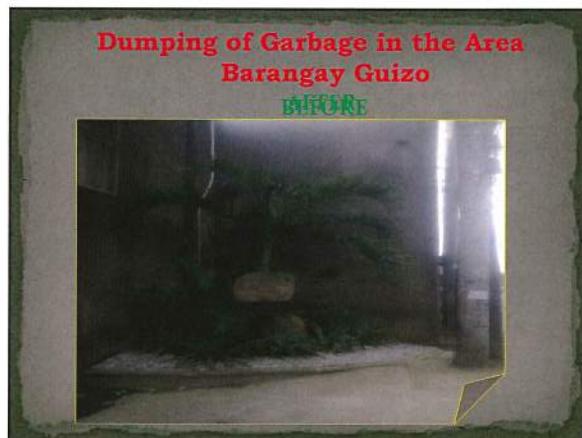
### **Status of Mandaue City Dumpsite**

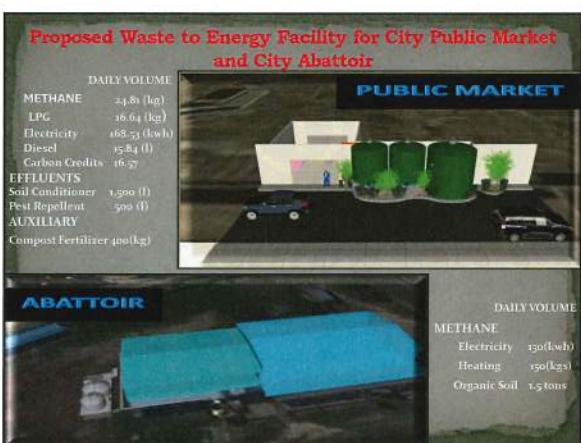
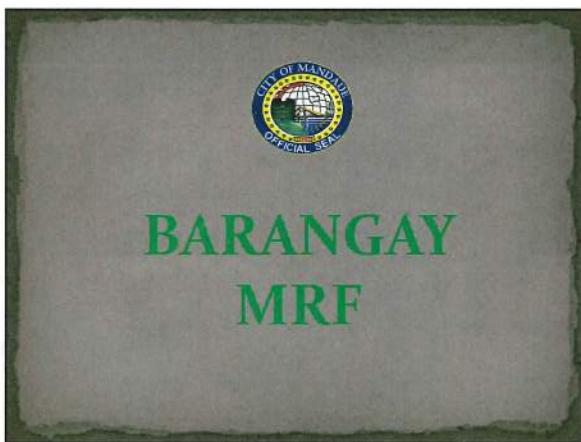
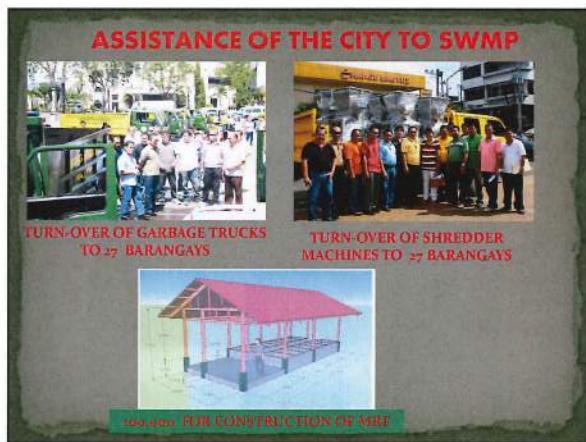


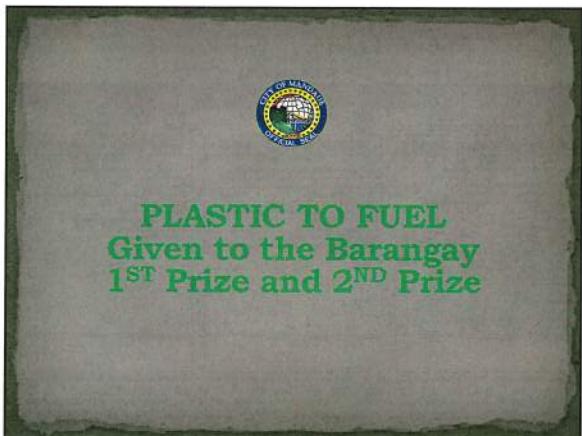
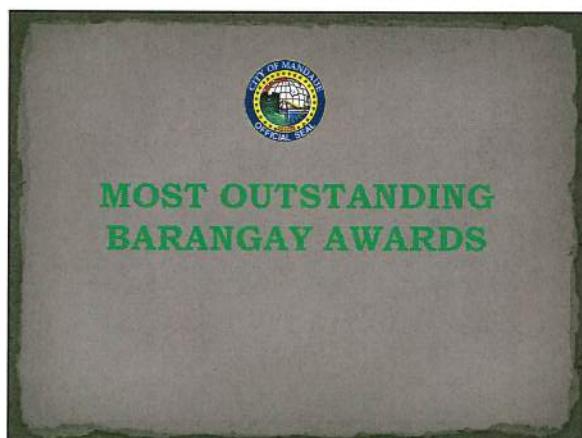
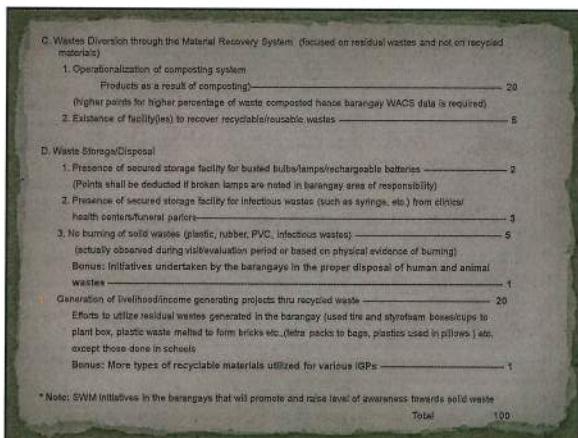
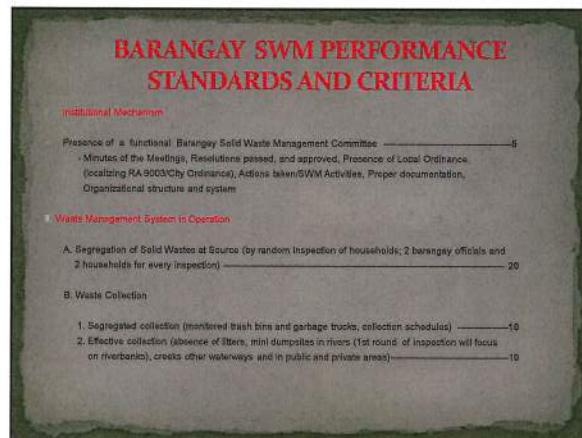
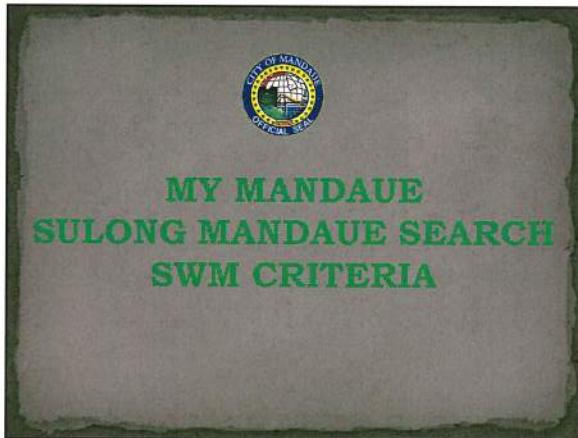
### **Mandaue Dumpsite Rehabilitation: Phase I**

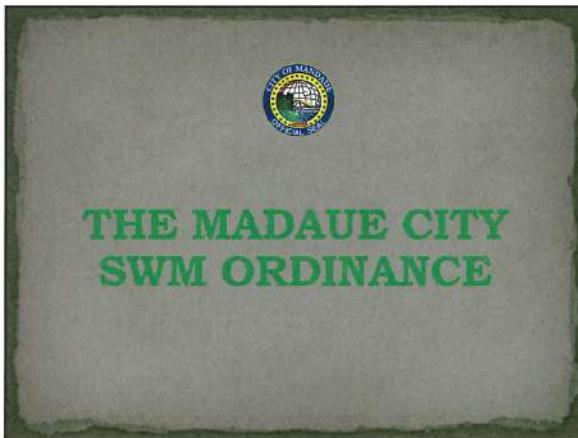
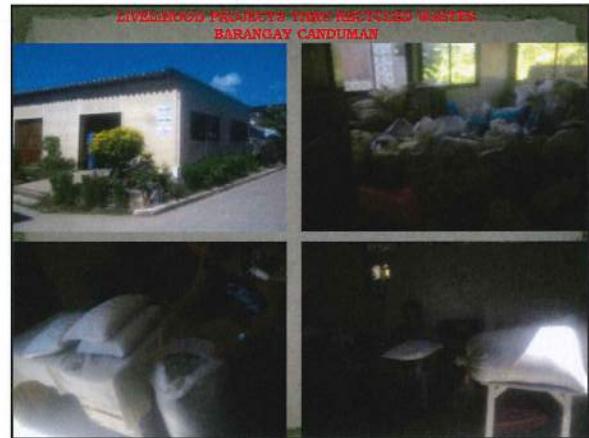
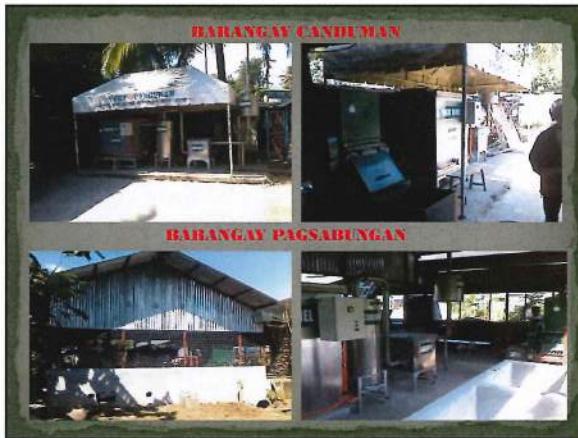




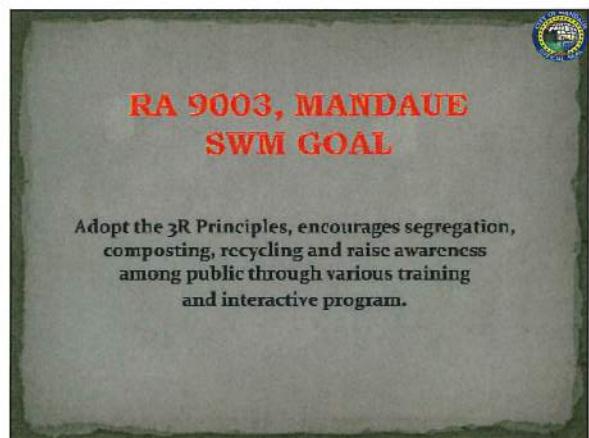
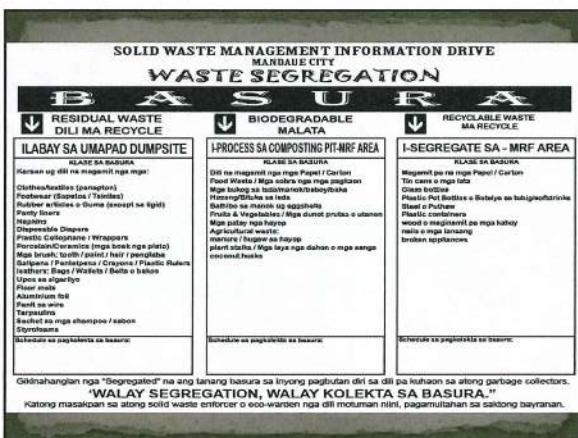


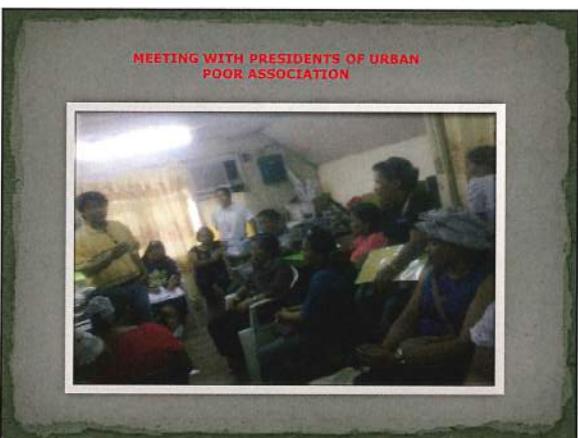
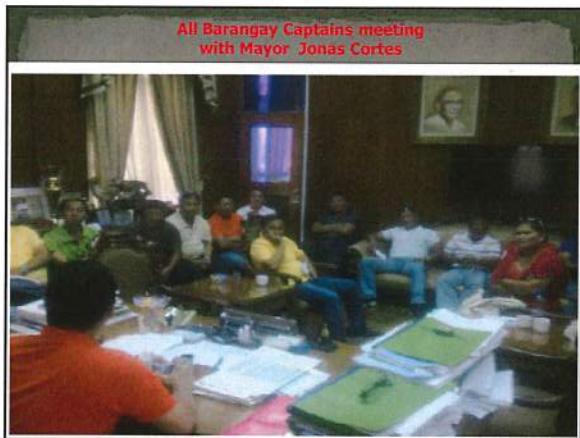
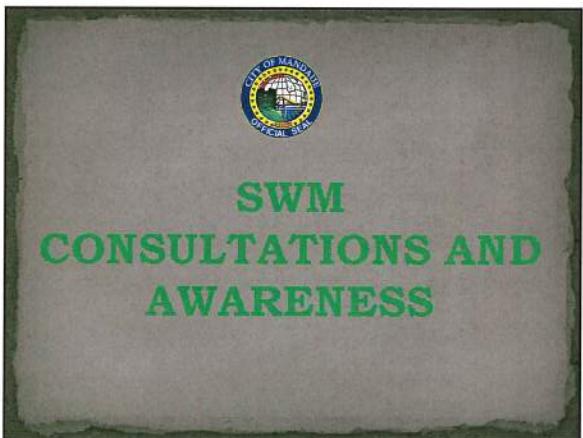
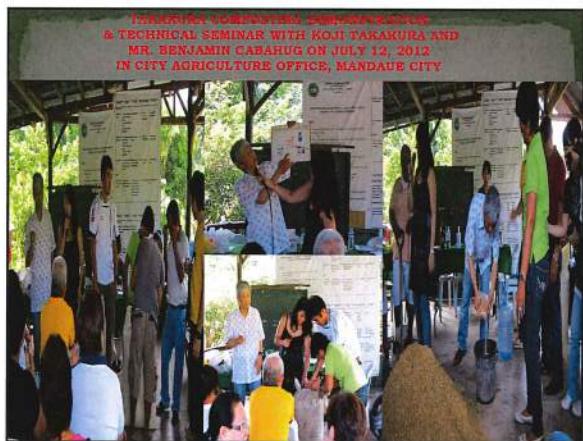
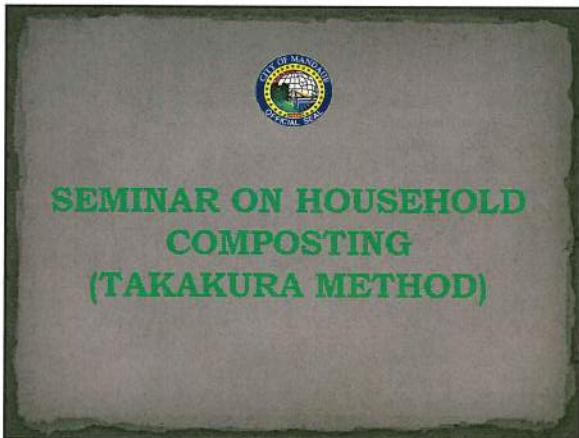






Insaktong MULTA base sa ordinansa No. 10-2006-372	
Section	Multa P500.00
1.A - Throwing, dumping, discharging, pouring out, unloading, spilling out wastes, refuse or garbage, whether solid or liquid, human and animal excreta and other offensive and dangerous materials in any vacant lot, yards, roads, streets, canals, rivers, creeks, underground pipes, wells, tanks, reservoirs, etc.	P500.00
1.B - Spitting, urinating, or defecating on any alley, street, sidewalk, pathway, footwalk, park, playground, etc.	P500.00
1.C - Strewning handbills or posters on the streets, sidewalks, center islands, footwalks, path, driveway, etc.	P500.00
1.D - Plying of public utility vehicles within the boundaries of the city without garbage disposal equipment.	P500.00
1.E - Using any street, avenue, plaza or park by any animal-driven vehicle without provision of a proper receptacle for storing animal manure or refuse.	P500.00
1.F - Starting or maintaining a fire or bonfire in any place or through burning.	P500.00
1.G - Disposal of wastes that have not been segregated according to the following waste classification:	P1,000.00
I. Biodegradable wastes	IV. Hazardous and Special wastes
II. Recyclable wastes	V. Bulky wastes and white goods
III. Re-useable/recyclable wastes	
1.H - Disposal of hazardous/special wastes, bulky wastes and white goods together with other class of wastes.	P1,000.00
1.I - Disposal of wastes outside the schedules time of collection	P1,000.00
1.J - Disposal of wastes outside the designated time and place	P1,000.00
1.K - Mixing of source-separated wastes.	P1,000.00
1.L - Disposal of wastes in any manner, on hillside or ponded or of any size or materials or streamer on any fence, post or wall of private or public buildings, except in cases where authority by law or under prior authority has been granted by the City Mayor or his authorized representative.	P5,000.00
1.M - Entering into a contract or agreement with persons by the owner within the area in view of domestic waste segregation.	P5,000.00
1.N - Displaying or displaying any kind or form of billboards, signs, posters, streamers, professional service advertisement and other visual clutter in any part of the road, sidewalk, public places, buildings, premises, structures and open spaces in areas segregated by the government.	P500.00
1.O - Throwing, dumping or dumping of unused uncollected trash and refuse into the Bulacan river and its tributaries, the Maragta river and its tributaries, the perimeter or the shoreline in brgy. Cabancalan/Bantalan, the vicinity of all public works of Mabalacat, all roads, canals, streams, ditches, waterways, drainage, and open spaces in the jurisdiction of the city.	P5,000.00
1.P - Committing acts of vandalism.	
i. Vandalism of bins or multilane posts thru...	P5,000.00
ii. Removal of bins or multilane posts thru...	P5,000.00
For violations committed as checked in the above box, you are hereby directed to pay the prescribe fine to the Barangay Treasurer and render 1 hour community service in the barangay where the violation was committed.	
Failure to pay the prescribe fine and render community work within 72 hours shall authorize the appropriate officers to file criminal complaint in court and may upon conviction, a minimum fine of P1,000.00 to P5,000.00 be imposed at the discretion of the court.	
For more info: Contact MMT Solid waste brgy. coordinator Engr. Gaga Mendoza Daza	346-5894



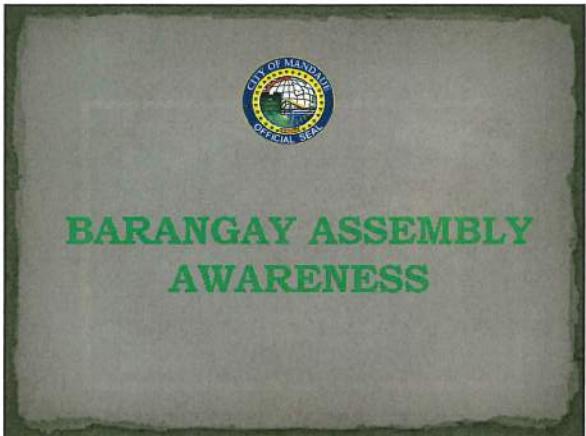


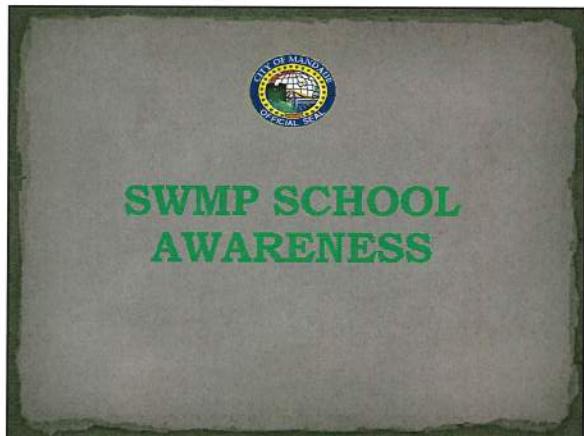
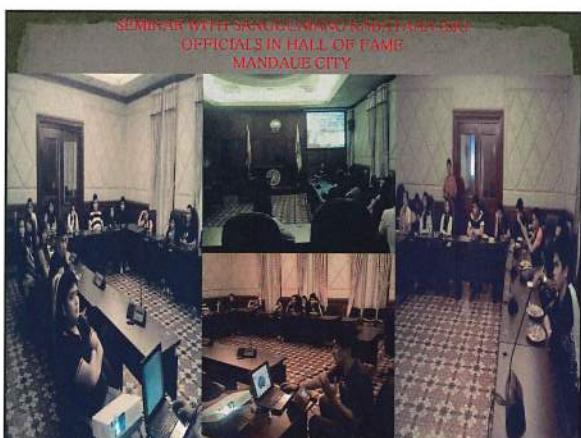
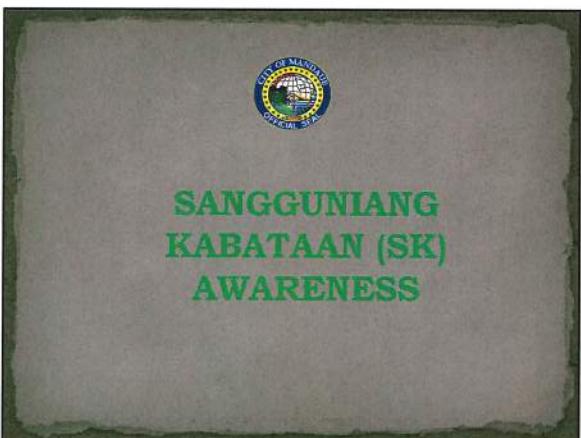
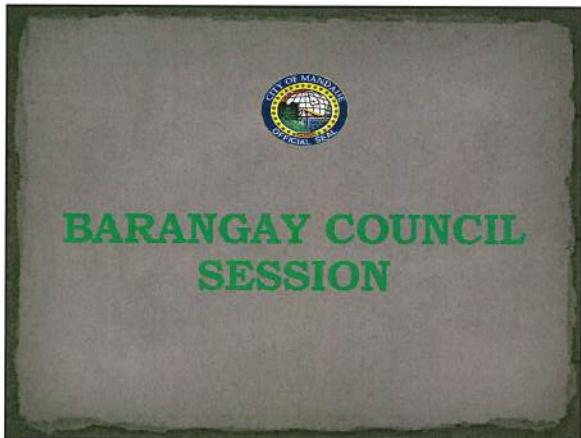


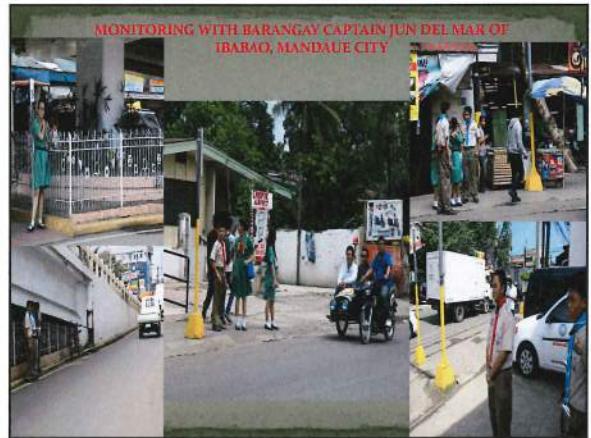
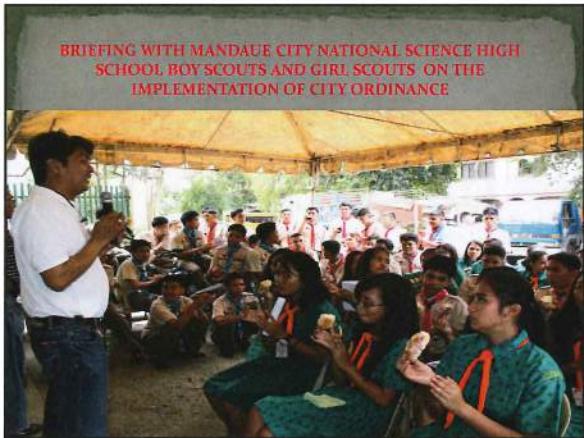
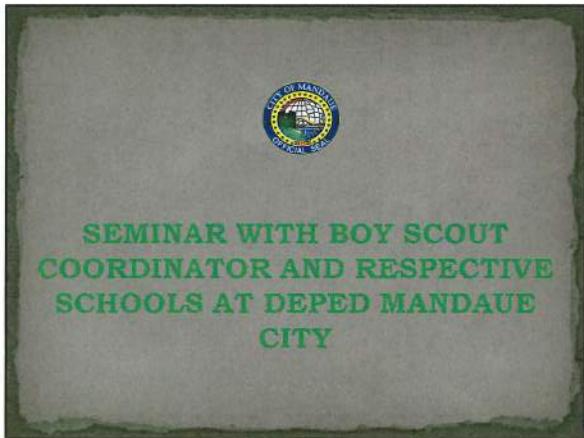
TOTAL DEPUTIZED ECO-WARDEN	
NAME OF BARANGAYS	NO. OF ECO-WARDEN
1. Alang-alang	8
2. Bakildid	5
3. Banilad	21
4. Basak	4
5. Cabancalan	5
6. Cambaro	4
7. Canduman	5
8. Casili	3
9. Casuntingan	6
10. Centro	4
11. Cubacub	5
12. Guizo	6
13. Ibabao-Estancia	2

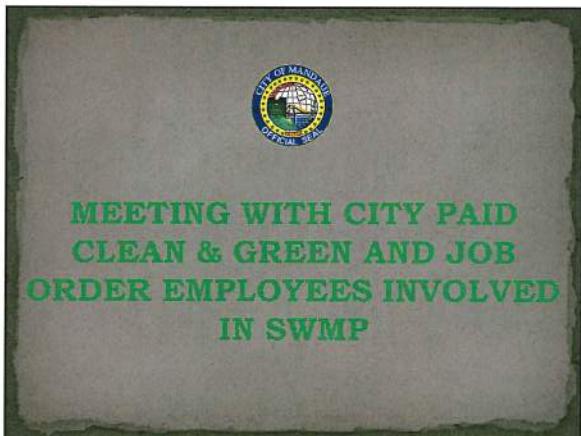
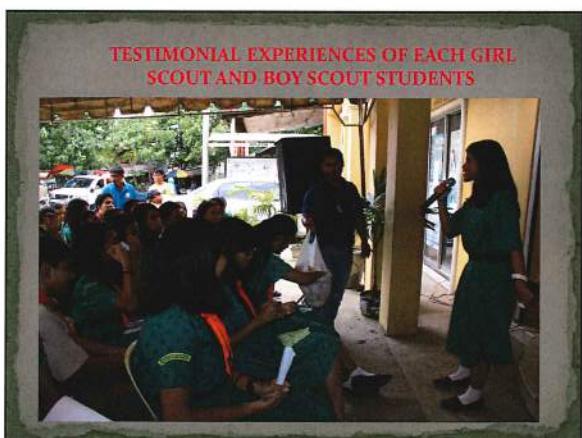
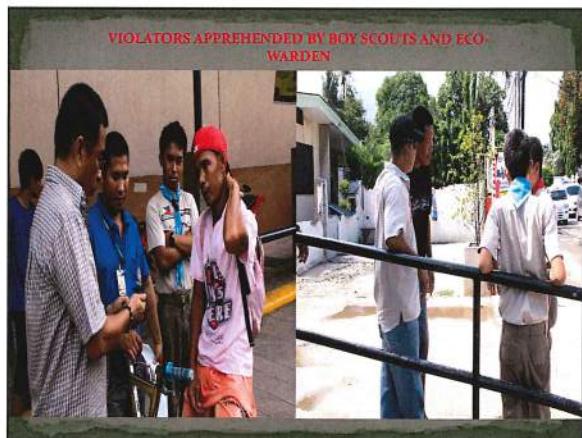
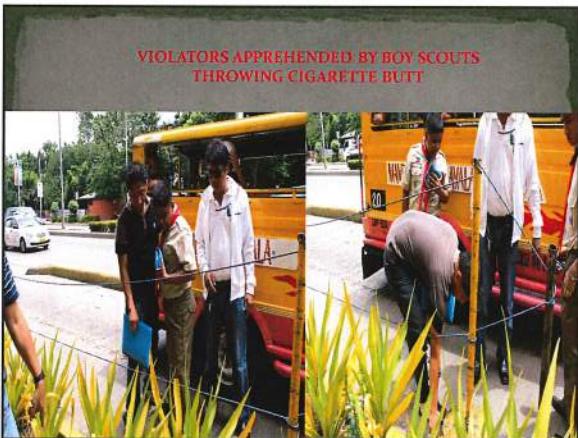
NAME OF BARANGAYS	NO. OF ECO-WARDEN
14. Jagobiao	3
15. Labogon	11
16. Looc	12
17. Maguilay	10
18. Mantuyong	9
19. Opao	5
20. Pagsabungan	8
21. Pakna-an	12
22. Subangdaku	9
23. Tabok	11
24. Tawason	4
25. Tipolo	3
26. Tingub	0
27. Umapad	11

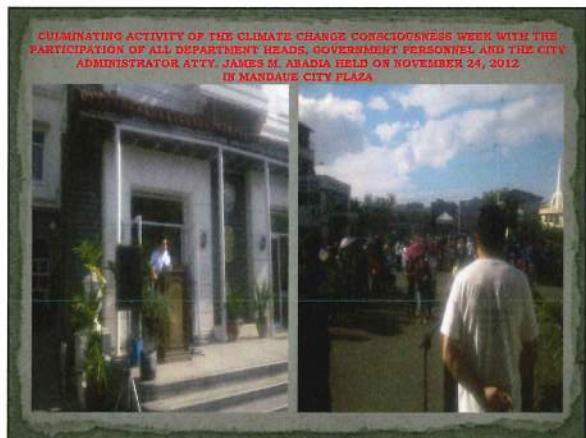
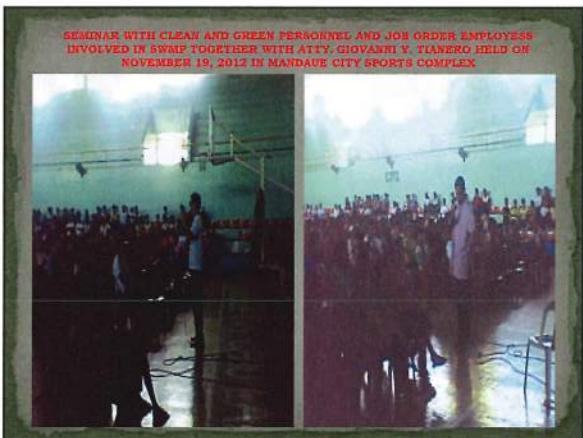
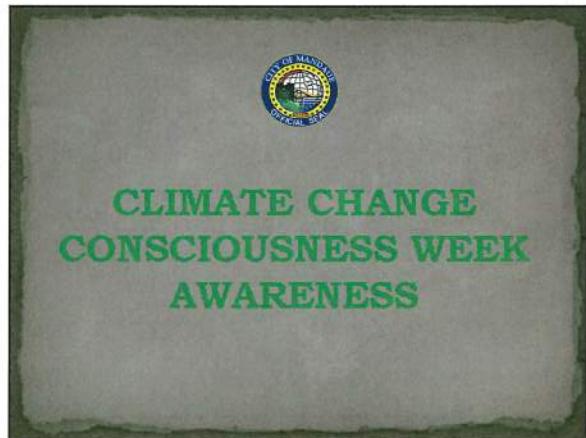
1. BIN (Barangay Intelligence Network)	12
2. SWMT Enforcer	20
TOTAL	216
TOTAL VIOLATORS APPREHENDED	171
TOTAL PAYMENT MADE TO THE TREASURER'S OFFICE	51,000 pesos

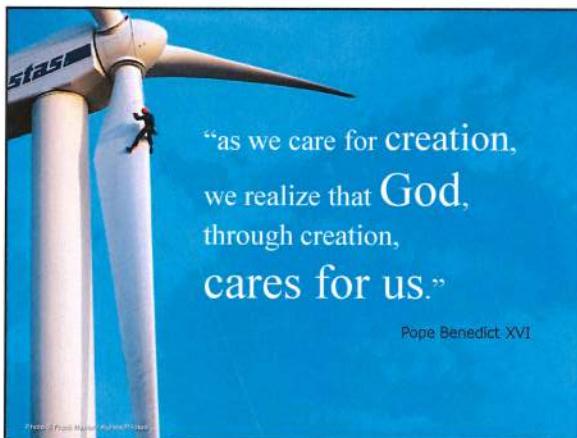




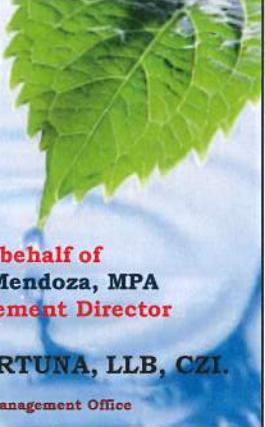








Thank you  
For  
Listening!  
God Bless!



**Presented in behalf of**  
**Engr. Ricardo D. Mendoza, MPA**  
**Solid Waste Management Director**

**is**

**DEXTER PAUL C. FORTUNA, LLB, CZI.**

Assistant Solid Waste Management Office