

# INITIATIVES ON CLIMATE MITIGATION AND AMBITIOUS CITY IMPLEMENTATION



**BARANGAY EMPOWERMENT AND SYNERGY**

**BESPREN**

**FOR POVERTY REDUCTION NETWORK**





BARANGAY EMPOWERMENT, SYNERGY &  
**BESPREN**  
POVERTY REDUCTION NETWORK



**BESPREN**  
**SA KALIKASAN**



**BESPREN**  
**SA KAPALIGIRAN**



# SOLID WASTE MANAGEMENT

**SEGREGATION IS A MUST**



**BESPREN  
SA KAPALIGIRAN**







# PARAISO

SOLID WASTE  
MANAGEMENT LEARNERS  
MANUAL  
K TO 12



**BESPREN  
SA KAPALIGIRAN**





# MATERIALS RECOVERY FACILITY



(MRF)







37/ 37 BARANGAY MRF



# BARANGAY MRF

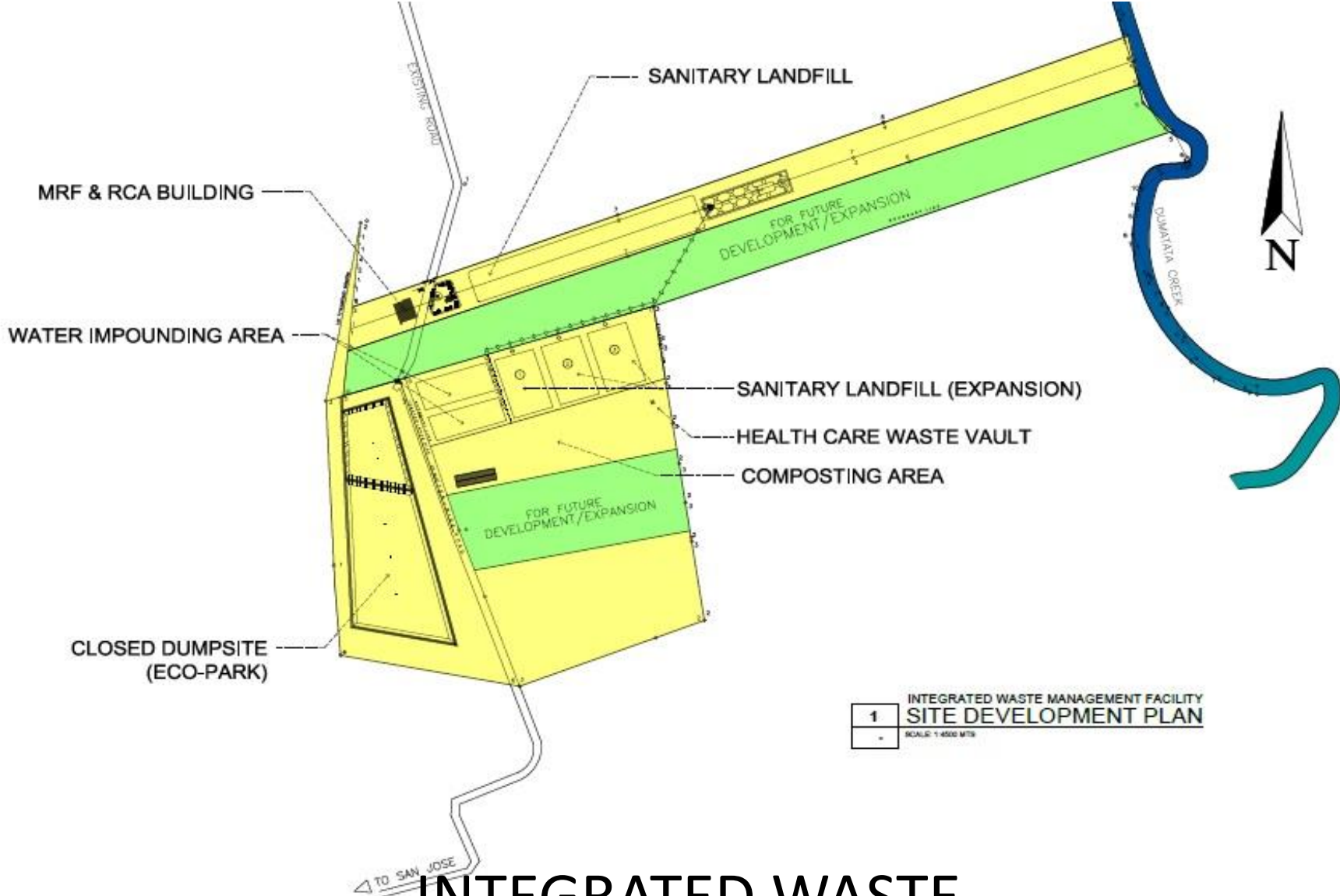






# SANITARY LANDFILL





# INTEGRATED WASTE MANAGEMENT FACILITY

## 21+ hectares





# COMPOSTING FACILITY



SHREDDING  
MACHINE



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SA KAPALIGIRAN**





# SEPTIC VAULT





# PLASTIC SHREDDER AND DENSIFIER



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# CITY ORDINANCES

APPROVED UNDER SUSPENDED RULES

Sponsored by: Coun. Abigail V. Sable  
Co-sponsored by: Coun. Jose Emilio S. De La Cruz  
Coun. Victoria V. Miranda Jr.  
Coun. Marcelino C. Cabucana Jr.  
Coun. Calixte Jeanne Alaya Siquian  
Coun. Augusto B. Sarangays  
Coun. Orlando T. Chan  
Coun. Brenda Ragsac-Luna  
Coun. Paul S. Silverio  
Coun. Nicasio B. Bautista III  
Coun. Perpetua A. Padolina  
Coun. Jesus Reigel Marcelo P. Alvarez

## ORDINANCE NO. 6THCC-102

**AN ORDINANCE PROVIDING FOR AN ECOLOGICAL SOLID WASTE MANAGEMENT, PRESCRIBING FEES FOR SOLID WASTE MANAGEMENT SERVICES, DECLARING CERTAIN ACTS PROHIBITED AND PROVIDING PENALTIES, APPROPRIATING FUNDS THEREOF, AND FOR OTHER PURPOSES**

WHEREAS, Republic Act No. 9003 provides for an Ecological Solid Waste Management Program, creates the necessary institutional mechanisms and incentives, declares certain acts prohibited and provides penalties for violations;

WHEREAS, Section 10 of Republic Act No. 9003 provides that, "Pursuant to the relevant provisions of R.A. No. 7160, otherwise known as the Local Government Code of 1991, LGUs shall be primarily responsible for the implementation and enforcement of the provisions of this Act within their respective jurisdictions";

WHEREAS, Section 16 of the Republic Act No. 9003 provides that, "The City or Local Government Unit shall prepare its Local Solid Waste Management Board, shall prepare its respective 10-year Solid Waste Management Framework Plan consistent with the National Solid Waste Management Framework

Republic of the Philippines  
City of Santiago  
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OFFICE OF THE SECRETARY - SANGGUNIANG PANLUNGSOD  
EXCERPT FROM THE MINUTES OF THE 29<sup>TH</sup> REGULAR SESSION OF THE 10<sup>TH</sup> CITY COUNCIL HELD ON MARCH 03, 2020 AT THE COMMITTEE ROOM

APPROVED UNDER SUSPENDED RULES

Sponsored by: Coun. Benzi Tan Chai  
Coun. Cassandra Eunice Sable  
Coun. Bella M. Yodyod  
Coun. Resurreccion Turingan-Ponce  
Coun. Paul C. De Jesus  
Coun. Jamayne C. Tan  
Coun. Cayetana C. Romero  
Coun. Lyka Angela E. Posidio  
Co-sponsored by: Coun. Gino Antonio Abaya Siquian  
Coun. Wolfrando R. Lugod  
Coun. Marcelino C. Cabucana Jr.

## ORDINANCE NO. 10THCC-033

**AN ORDINANCE REGULATING THE USE, SALE AND PROVISION OF PLASTIC BAGS AND PROHIBITING POLYSTYRENE AS PACKAGING MATERIALS FOR DRY GOODS AND WET GOODS AND PROVIDING PENALTIES FOR VIOLATION THEREOF**

WHEREAS, it is the duty of the City to protect the natural environment, the economy and health of its citizens;

WHEREAS, despite serious efforts of the City to segregate compostable, recyclable and reusable waste materials, plastic and other similar wastes have become a nuisance to the environment;

WHEREAS,

largely to the



## ENFORCEMENT



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# CITY ORDINANCES



**ORDINANCE NO.  
94-11**

An ordinance amending ordinance no. 36 series of 1973 entitled an ordinance requiring any owner and operator of all passenger *vehicles to provide their vehicles with trashcan* while within the jurisdiction of the municipality and providing penalty for the violation thereof



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Republic of the Philippines  
 City of Santiago  
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 OFFICE OF THE SECRETARY - SANGGUNIANG PANLUNGSOD  
 EXCERPT FROM THE MINUTES OF THE REGULAR SESSION OF THE 5<sup>TH</sup> CITY COUNCIL HELD ON NOVEMBER 27, 2006 AT THE SESSION HALL

ENACTED ON THIRD AND FINAL READING

Introduced by Coun. Victorio Y. Miranda Jr.  
 Coun. Alvin N. Alaya  
 Coun. Abigail V. Sabile  
 Coun. Paul C. De Jesus  
 Coun. Jose Romeo S. De La Cruz  
 Coun. Arlene Jane R. Alvarez-Reyes  
 Coun. Orlando T. Chan  
 Coun. Marofino C. Calucana, Jr.  
 Coun. Augusto B. Sarangaya  
 Coun. Paul S. Silvero  
 Coun. Manuel H. Afiaño, Sr.  
 Coun. Celine Jeanne Alaya-Siquian

ORDINANCE NO. 511CC-150

**ORDINANCE REQUIRING ALL OWNERS AND OPERATORS OF BUSINESS AND COMMERCIAL ESTABLISHMENT IN THE CITY OF SANTIAGO TO UNDERGO A SEMINAR ON SOLID WASTE MANAGEMENT PRIOR TO ISSUANCE OF BUSINESS PERMIT AND LICENSE TO OPERATE**

WHEREAS, the increasing growth in the population of Santiago City propelled the increase in the number of business which require consistent and adequate provision of waste management services by the City Government;

WHEREAS, to maintain the general cleanliness of the city and to ensure an effective and efficient solid waste management, various measures were already instituted by the City Government to instill discipline among the city residents on proper waste or garbage disposal;

WHEREAS, the City Government of Santiago is cognizant that, in the course of operation of many business and commercial establishments, volumes of solid waste and garbage are accumulated and should be disposed off in accordance with existing rules and regulations;

WHEREAS, to provide awareness and information to owners and operators of business and commercial establishments of the city's program on garbage and waste management, a seminar on solid waste management must be conducted as a requirement to applicants of business licenses and permits;

WHEREFORE, be it ordained by the Sangguniang Panlungsod in its regular session duly assembled that:

**Section 1.** All owners and operators of business and commercial establishments in the City of Santiago are hereby required to attend a seminar on solid waste management;

*Page 1 of 3 pages of Ordinance No. 511CC-150*



# CENRO CERTIFICATE







# BARANGAY WASTE COLLECTION SYSTEM





# TRI-WHEELER CARGO



# CLIMATE CHANGE ADAPTATION AND MITIGATION



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# TREE INVENTORY







# NURSERY BAMBOO PRODUCTION



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# DISTRIBUTION OF BICYLES





# BARANGAY AND SCHOOL STREET LIGHTS







# Agricultural Solar Water System





# Solar Panels for Electricity and Water



# DISTRIBUTION OF SOLAR PANELS





SANTIAGO CITY, PHILIPPINES  
AND  
INSTITUTE FOR GLOBAL STRATEGIES  
JAPAN



# BARANGAY AND SCHOOL VISITATION WITH MR. SIMON GILBY





# CONSTRUCTION OF NURSERY FOR BAMBOO PROPAGATION





# PURCHASE OF BAMBOO PROPAGULES





# BAMBOO PLANTING AND GROWING ALONG THE RIVER BANKS OF THE CITY





# SUSTAINABLE BAMBOO DEVELOPMENT PROGRAM









WE WILL CONTINUE TO  
SERVE OUR MOTHER EARTH

WITH THE ASSISTANCE FROM

**JAPAN**

WE CAN DO MORE AND BETTER

THANK YOU AND MABUHAY!

