MARIKINA CITY DISASTER COORDINATING COUNCIL PREPAREDNESS PROGRAM
MARIKINA CITY PHILIPPINES
Official Entry to the WHO Healthy City Project Awards 2004

A BRIEF HISTORY OF THE MARIKINA DISASTER COORDINATING COUNCIL

Marikina Valley is located in the Eastern part of Metro Manila, on the Western part of the city, you can find the Marikina River. Alongside of it is the Valley Fault Line. No place in the Philippines can you find two disaster prone areas in one place. We have no choice but TO BE PREPARED.
In 1992 upon the assumption to office of Mayor Bayani F. Fernando, he reactivated the Marikina Disaster Coordinating Council. Although in the previous administrations such body was already in existence but when disaster strikes or damage occurs only then will this council operates or activates or what we call reactive response. Under the present administration all disaster scenarios are addressed to 3 levels namely the pre-disaster, disaster and post-disaster periods with more emphasis on the preparedness aspect of the plan which makes the big difference in dealing with these man-made, natural disaster or calamity.

The Marikina City Disaster Preparedness Plan was already tested and proven to be very effective not once but many times when our city faces disasters, not only in our locality but also when we are asked to extend help and assistance to our neighboring cities like the Cherry Hills landslide in Antipolo City and the recent Payatas tragedy in Quezon City.
Our mission in this program is to prepare our community and most especially, the entire government machinery to anticipate the onset of and respond to any disaster thus bringing the number of casualties or damages at a minimum level and to provide an integrated direction and control of manpower, material, monetary and other necessary resources that can be made available and responsive to the disasters and calamities which may occur in the City of Marikina.
Marikina’s population has grown considerably over the past years. From a total population of 8,187 in 1903, the latest census conducted by the NSO in year 2000 revealed a population count of 407,732

<table>
<thead>
<tr>
<th>BARANGAY</th>
<th>POPULATION CY 2000</th>
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</thead>
<tbody>
<tr>
<td>KALUMPANG</td>
<td>17,859</td>
</tr>
<tr>
<td>BARANGKA</td>
<td>23,648</td>
</tr>
<tr>
<td>TAÑONG</td>
<td>11,743</td>
</tr>
<tr>
<td>J. DELA PEÑA</td>
<td>11,213</td>
</tr>
<tr>
<td>IVC</td>
<td>15,942</td>
</tr>
<tr>
<td>SAN ROQUE</td>
<td>18,919</td>
</tr>
<tr>
<td>STA. ELENA</td>
<td>6,809</td>
</tr>
<tr>
<td>STO. NIÑO</td>
<td>31,355</td>
</tr>
<tr>
<td>MALANDAY</td>
<td>44,320</td>
</tr>
<tr>
<td>CONCEPCION I</td>
<td>71,761</td>
</tr>
<tr>
<td>MARIKINA HEIGHTS</td>
<td>32,537</td>
</tr>
<tr>
<td>PARANG</td>
<td>69,355</td>
</tr>
<tr>
<td>NANGKA</td>
<td>29,887</td>
</tr>
<tr>
<td>CONCEPCION II</td>
<td>22,384</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>407,732</strong></td>
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</table>
LAND AREA

Marikina has a total land area of 2,150 hectares, or 21.50 sq.kms. which constitute about 3.42% of the land area of Metro Manila.

TOPOGRAPHY

Marikina is primarily a valley nestled amidst Mountain ranges and rolling hills, its topography is generally characterized as flat terrain with only a portion that is mildly sloping. These mildly sloping areas are particularly evident in the eastern section of the city.

Its surface features also highly favor agricultural land use that was the predominant land use of the town about two decades ago. These topographic characteristic have rendered the city to be generally suitable for urban settlements as evidenced by the increasing number of subdivisions and industrial establishments in the area in recent years.
Marikina River, which measures about 220 hectares serves as the city’s principal drainage system. The river emerges from the Marikina Valley until it joins the Pasig River. The Nangka River, which serves as the boundary of Marikina and the municipality of San Mateo, similarly drains a sizeable volume of floodwaters including the eastern portions of the Marikina City.
Other than these rivers, there are also a number of creeks which discharge waste and floodwaters to Marikina River.

<table>
<thead>
<tr>
<th>RIVERS/CREEKS/CANAL</th>
<th>LOCATION</th>
<th>LENGTH (METER)</th>
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</thead>
<tbody>
<tr>
<td>Marikina River</td>
<td>Nangka-I.V.C</td>
<td>11,000</td>
</tr>
<tr>
<td>Sapang Baho</td>
<td>Sumulong Hwy-Marcos Hwy</td>
<td>2,020</td>
</tr>
<tr>
<td>Usiw Creek</td>
<td>Sumulong Hwy-St. Gregory</td>
<td>1,350</td>
</tr>
<tr>
<td>Concepcion Creek</td>
<td>Sumulong Hwy-A. de Guzman</td>
<td>3,110</td>
</tr>
<tr>
<td>Park Creek</td>
<td>Marikina Heights</td>
<td>2,800</td>
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<tr>
<td>Bangkaan Creek</td>
<td>A. de Guzman-Nangka</td>
<td>1,460</td>
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<tr>
<td>Balanti Creek</td>
<td>Sumulong Bdry-Antipolo</td>
<td>3,880</td>
</tr>
<tr>
<td>Nangka River</td>
<td>Antipolo-Marikina River</td>
<td>3,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>28,620</strong></td>
</tr>
</tbody>
</table>

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**Mariquina City Disaster Coordinating Council Organizational Chart**

- **Over-All Chairman**
  - Hon. Ma. Lourdes C. Fernando
  - City Mayor

- **Vice-Chairman**
  - Hon. Marion Andres M.D.
  - City Vice-Mayor

- **Action Officer**
  - Mr. Melvin A. Cruz
  - City Administrator

**Departments**

- Plans & Operations
- Intelligence & Disaster Analysis
- Resources Management
- Rescue & Engineering
- Transportation
- Health & Medical
- Public Safety
- Fire Service
- Disaster Relief & Welfare
- Communication & Warning
- Public Information
THE AVAILABLE RESOURCES OF
THE CITY GOVERNMENT FOR
EMERGENCIES

I. FACILITIES
II. TRANSPORT EQUIPMENTS
III. MANPOWER
IV. SUPPLIES & MATERIALS
V. COMMUNICATION EQUIPMENT
VI. FINANCES

MARIKINA SPORTS PARK- The Marikina Sports Park, which was established in the early 60’s, was recently renovated as part of the healthy city program of the government. This can be used as temporary shelter for evacuees in cases of large scale disasters. There are so many toilet and bathroom facilities, enough supply of potable water and complete lighting facilities.
We utilize the former service road of the sports center (now converted as area for Pingpong and Badminton games) as the central station for food preparation, cooking & distribution during disaster situations.

We have constructed 21 Multi-Purpose Covered Gymnasiums (Public) which can be utilized by the different organizations for their recreational activities, spiritual endeavors, social functions, parties and/or ballroom dancing, but most especially as evacuation centers during calamities.
### OTHER AVAILABLE EVACUATION CENTERS

<table>
<thead>
<tr>
<th>NAME OF SCHOOL DISTRICT I</th>
<th>AVAILABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marikina Elem. School</td>
<td>35</td>
</tr>
<tr>
<td>San Roque Elem. School</td>
<td>39</td>
</tr>
<tr>
<td>Kalumpang Elem. School</td>
<td>33</td>
</tr>
<tr>
<td>Ind. Valley Elem. School</td>
<td>20</td>
</tr>
<tr>
<td>L. Victorino Elem. School</td>
<td>33</td>
</tr>
<tr>
<td>Barangka Elem. School</td>
<td>36</td>
</tr>
<tr>
<td>Malanday Elem. School</td>
<td>43</td>
</tr>
<tr>
<td>Nangka Elem. School</td>
<td>33</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>272</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AVAILABLE NAME OF SCHOOL DISTRICT I</th>
<th>AVAILABLE</th>
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</thead>
<tbody>
<tr>
<td>H. Bautista Elem. School</td>
<td>30</td>
</tr>
<tr>
<td>St. Mary Elem. School</td>
<td>8</td>
</tr>
<tr>
<td>Sto. Niño Elem. School</td>
<td>47</td>
</tr>
<tr>
<td>Concepcion Elem. School</td>
<td>48</td>
</tr>
<tr>
<td>Parang Elem. School</td>
<td>65</td>
</tr>
<tr>
<td>SSS Village Elem. School</td>
<td>29</td>
</tr>
<tr>
<td>Fortune Elem. School</td>
<td>36</td>
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<tr>
<td>Kap. Moy Elem. School</td>
<td>14</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>277</strong></td>
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### HIGH SCHOOL

<table>
<thead>
<tr>
<th>AVAILABLE NAME OF SCHOOL</th>
<th>AVAILABLE</th>
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</thead>
<tbody>
<tr>
<td>Marikina High School</td>
<td>35</td>
</tr>
<tr>
<td>Parang High School</td>
<td>39</td>
</tr>
<tr>
<td>Sta. Elena High School</td>
<td>33</td>
</tr>
<tr>
<td>Concepcion High School</td>
<td>20</td>
</tr>
<tr>
<td>MHS-Tanong</td>
<td>33</td>
</tr>
<tr>
<td>MHS-Marikina Heights</td>
<td>36</td>
</tr>
<tr>
<td>MHS-Concepcion Annex</td>
<td>43</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>272</strong></td>
</tr>
</tbody>
</table>

**SUB-TOTAL-DISTRICT I & II**  **535**

**GRAND-TOTAL-Elem. & High School**  **729**
3 PUBLIC SAFETY CENTERS
1. CENTRAL STATION
   WITHIN THE CITY HALL
   COMPOUND
2. SOUTH STATION
   MAJOR DIZON ST.
   BARANGAY IVC
3. NORTH STATION
   BAYAN-BAYANAN AVENUE

A PUBLIC SAFETY CENTER IS OCCUPIED AND
OPERATED BY THE FOLLOWING OFFICES
NAMELY:

MARIKINA RESCUE 161

Rescue 161 is directly under the direction and
supervision of the City Mayor with 33 trained
Paramedics.
**MARIKINA POLICE DEPARTMENT**

Police Services in Marikina City is under the jurisdiction of the Eastern Police District of the Philippine National Police. The city has 4 police sub-stations and a central headquarters with a personnel complement of 232 law enforcers.

**MARIKINA FIRE DEPARTMENT**

The Marikina Fire Central Stations holds office at the Public Safety Central Station located at the back of the Marikina City Hall Building with 5 fire sub-stations. Each sub-station is equipped with at least one (1) fire truck, aerial ladder and water tanker. The BFP Central Station has 2 ambulances to attend to casualties in case of fire. The fire fighting force is composed of 73 personnel. The Fire Department also taps volunteer fire brigades from the business sector and from the Fil-Chinese Fire Brigade. The city government supplements the Firetruck inadequacy of fire department by dispatching the LGU-owned water tankers assigned to the Engineering Department, Parks Development Office and Waste Management Office, in times of emergencies.
OFFICE OF PUBLIC SAFETY AND SECURITY

To augment our police force the OPSS has 181 personnel and Bantay Bayan, which counts ion a strong membership of 2,000 civilian volunteers. The OPSS assists in traffic management in major and minor intersections, keeping roads and sidewalks hassle-free and securing public buildings/offices.

Traffic wardens of OPSS are responsible in implementing the no parking zones, facilitating vehicle flow and providing security to parked vehicles in designated parking areas. The Bantay Bayan is a joint effort between the city government and the barangay sector to help maintain peace and order in the barangays.
With regards to Hospitals, we have one (1) National Hospital, with 150 bed capacity. A new six (6) storey building is now being constructed and soon to rise is another (3) storey building which after completion this hospital will be declared as a Medical Center that means the services and facilities given to the public is competitive with that of private hospitals.

There are additional six (6) private hospitals to augment the medical services needed in case of large-scale disasters, with a total bed capacity for 319 persons.

<table>
<thead>
<tr>
<th>NAME OF HOSPITALS</th>
<th>NUMBER OF BEDS AVAILABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBLIC/GOVERNMENT</td>
<td></td>
</tr>
<tr>
<td>Amang Rodriguez Emergency Hospital</td>
<td>150</td>
</tr>
<tr>
<td>PRIVATE</td>
<td></td>
</tr>
<tr>
<td>Sta. Monica Hospital</td>
<td>25</td>
</tr>
<tr>
<td>García General Hospital</td>
<td>25</td>
</tr>
<tr>
<td>Immaculate Concepcion Hospital</td>
<td>25</td>
</tr>
<tr>
<td>St. Vincent Hospital</td>
<td>45</td>
</tr>
<tr>
<td>P. Gonzales Hospital</td>
<td>15</td>
</tr>
<tr>
<td>Victoria Hospital</td>
<td>34</td>
</tr>
<tr>
<td>TOTAL</td>
<td>319</td>
</tr>
</tbody>
</table>
While the city has only 14 barangays, we pride ourselves to have 16 health centers. It is headed by a Physician, whose staff is composed of a dentist and a dental aide, 2-3 midwives, a barangay nutrition scholar (BNS), a nurse and nursing aides, volunteer health workers, and a utility worker routinely covering 5 health centers on. The newest Barangay Health Center (IVC Health Center) was inaugurated two days ago by the Secretary of Health represented by Dr. David Lozada, DOH NCR Regional Director.

HEALTH CENTERS
1. INDUSTRIAL VALLEY COMPLEX
2. SAN ROQUE HEALTH CENTER
3. KALUMPANG HEALTH CENTER
4. J. DELA PENA HEALTH CENTER
5. STO NIÑO HEALTH CENTER
6. STA. ELENA HEALTH CENTER
7. BARANGKA HEALTH CENTER
8. MALANDAY HEALTH CENTER
9. CONCEPCION I HEALTH CENTER
10. CONCEPCION II HEALTH CENTER
11. PARANG HEALTH CENTER
12. NANGKA HEALTH CENTER
13. MARIKINA HEIGHTS HEALTH CENTER
14. TAÑONG HEALTH CENTER
15. PUGAD LAWIN HEALTH CENTER
16. BALUBAD HEALTH CENTER
117 private medical clinics and one (1) blood bank, the first LGU operated blood station in the Philippines.

MARIKINA PUBLIC SERVICES CENTER
IT IS LOCATED AT GIL FERNANDO AVE. COR AQUILINA EXT. STO NIÑO, MARIKINA CITY. THIS FACILITY PLAYS A CRITICAL ROLE IN THE DISASTER OPERATION AS THIS IS THE AREA WHERE ALL THE SERVICE-ORIENTED AGENCIES ARE HOLDING OFFICE.
A. ENGINEERING CENTER

B. METAL FABRICATION
C. MOTORPOOL

D. CENTRAL WAREHOUSE
E. ELECTRICAL & MAINTENACE UNIT

F.DEMOLITION OFFICE / STREETS AND SIDEWALK OPERATION CENTER
Since the top priority program of the administration is to provide the best health service, we make sure that the food that we eat are clean and the water that we drink are not contaminated. Our former Mayor established the Marikina Clean Food Laboratory, the first food and water laboratory in the Philippines that is managed by a local government. This is part of the preventive health care program of government to make sure that what we buy in the local market are safe for consumption.

In addition, we have other support facilities:

1 Public Market
4 Private Markets
3 Private Commercial Centers/Malls
96 Hardware and Lumber Yard
2 Food Factories
II. A. TRANSPORT EQUIPMENT

8 Emergency Ambulances
2 Non-Emergency Ambulance
1 Rescue Tender Trucks
7 Fire Trucks
19 Police Cars
12 Motorcycles
1 Special Response Bus
14 Barangay Vehicle
10 Service Jeep Vehicle

B. HEAVY EQUIPMENT

25 DUMPTUCKS
3 WATER TANKER TRUCKS
5 EXCAVATORS
2 AERIAL BASKET VEHICLES
HEAVY EQUIPMENT N.G.O. OWNED

4 PAYLOADER
9 DUMPTRUCK 1 UNIT 10 WHEELER
         8 UNIT 6 WHEELER
8 BACKHOE CRAWLER TYPE
4 BACKHOE WHEEL-MOUNTED
3 MINI-BACKHOE
4 BULLDOZER (2 D20, 1 D401, D80)
1 PISON
1 CARGO TRUCK (10 WHEELER)
1 GD37 CATTERPILAR
1 CRANE (12 TOWER TELESCOPIC TYPE)
2 COMPACTOR (1 8 TON STATIC, 1 4 TON VIBRATORY)
## C. LIGHT EQUIPMENT

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
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<tbody>
<tr>
<td>18 Welding Machines</td>
<td></td>
</tr>
<tr>
<td>1 Hydraulic Cutter</td>
<td></td>
</tr>
<tr>
<td>1 Hydraulic Spreader</td>
<td></td>
</tr>
<tr>
<td>1 Portable Concrete Cutter</td>
<td></td>
</tr>
<tr>
<td>1 Portable Blower w/ Duct Hose</td>
<td></td>
</tr>
<tr>
<td>3 Power Saw</td>
<td></td>
</tr>
<tr>
<td>1 Bolt Cutter</td>
<td></td>
</tr>
<tr>
<td>4 Generator Sets</td>
<td></td>
</tr>
<tr>
<td>4 Rubber Boats w/ outboard motors</td>
<td></td>
</tr>
<tr>
<td>5 Acetylene Cutting Outfit</td>
<td></td>
</tr>
<tr>
<td>Oxygen Tanks</td>
<td></td>
</tr>
<tr>
<td>Search Lights</td>
<td></td>
</tr>
<tr>
<td>Cutting Tools</td>
<td></td>
</tr>
</tbody>
</table>

## D. COOKING EQUIPMENT

Complete set of cooking equipments to prepare meals for 10,000 persons/evacuees within two (2) hours, from time of preparation to distribution.
50 sets of Collapse Building Retrieval Boxes

**contents per box**

**LIGHTING**
- 1 kerosene Lantern
- 10 pcs. Candles
- 1 box match

**DIGGING TOOLS**
- 3 pcs. shovel
- 2 pcs. Pick Mattock
- 1 pc. Axe
- 1 pc. Sledge Hammer
- 2 pcs. Crow Bar

**SHELTER**
- 2 pcs. Laminated Sack
- 2 pcs. Crow Bar
- 2 pcs. Laminated Sack
- 1 pc. Plastic Straw

**PERSONAL SAFETY**
- 50 sets of Collapse Building Retrieval Boxes
- contents per box
  - 1 pc. Jack
  - 1 pc. Hydraulic
  - 4 pcs. Face Shield
  - 4 pcs. Goggles
  - 9 pcs. Leather Goggles
  - 10 pcs. Raincoat
  - 1 pc. First Aid Kit
  - 5 kilos lime
  - 1 pc. Cold Chisel
  - 1 pc. Shovel

**LIFTING TOOLS**
- 1 pc. Nylon
- 1 pc. Signal
- 1 pc. Cross Cut Hammer
- 3 pcs. Body Flag
- 2 pcs. Hacksaw Blade
- 2 pcs. Hacksaw Blade
- 5 pcs. Hacksaw
- 9 pcs. Hacksaw

**HAND TOOLS**
- 1 pc. Electrical Plier
- 1 pc. Claw Hammer
- 1 pc. Cross Cut Hammer
- 2 pcs. Hacksaw Blade
- 1 pc. Cold Chisel
- 1 pc. Shovel
- 9 Spine Boards, long
- 7 Spine Board, short
- 1 Body Sprint, short
- 10 Extrication Collars
- 9 pocket Mask
- 38 Mini-Holster Sets
- 38 Surgical Instruments
- 6 Belt Bags
- 2 Spymomameter
- 10 Baunanometer
- 1 Stethoscope
- 1 thermometer
- 1 Tackle Box
- 1 Compact Suction Machine
- 1 Manual Suction Machine
- 1 Snake Bite Kit
- 1 Traction Splint Kit, Hare
- 5 Nebulizer
- K.E.D (Keller Ext. Device)
- 1 Stretcher (collapsible)
III. MANPOWER – The MCDCC is composed of Regular and Casual Government Employees.

CITY EMPLOYEES
34 Department Heads
21 Asst. Department Heads
500 Regular Employees

ENGINEERING DEPARTMENT
22 CIVIL ENGINEERS
22 ELECTRICAL ENGINEERS
4 MECHANICAL ENGINEERS
8 ARCHITECTS
29 HEAVY EQUIPMENT OPERATORS
13 HEAVY EQUIPMENT MECHANICS
10 DRIVERS
633 CONSTRUCTION WORKERS

MEDICAL/HEALTH OFFICE
19 DOCTORS
16 DENTIST
17 NURSES
86 OTHER MEDICAL PERSONNEL
19 SUPPORT STAFF

PARAMEDICS RESCUE 161
33 PERSONNEL

CLEARING/CLEANING (MDO/SSOC/WMO/PDO)
72 MARIKINA DEMOLITION OFFICE
241 WASTE MANAGEMENT OFFICE
120 PARKS DEVELOPMENT OFFICE
V. COMMUNICATION

Marikina City pride itself of being the only local government in the National Capital Region who operates its own Narrowcast Radio Station (DZBF-1674 MHZ). We have our daily regular programming and we utilize also our radio station in sending information and alarm signals to our field operatives for any calamity or disaster.

We have the Central Communication Command Center where all the radio communication equipment are installed to respond to any type of emergencies.
THE CENTER SERVES AS THE CENTRAL COMMUNICATION STATION WHERE ALL EMERGENCY CALLS (DIAL 161) ARE RECEIVED BY THE MARIKINA RESCUE OFFICE. ALL THESE UNITS HAVE THEIR OWN RADIO COMMUNICATION EQUIPMENT WITH THEIR RESPECTIVE FREQUENCIES, WHO CAN TRANSMIT TO THEIR OPERATIVES ANY TYPE OF ASSISTANCE NEEDED BY THE COMMUNITY. THE RESPONDING TEAM MUST BE IN THE CALAMITY OR DISASTER AREA, OR WHERE THE ASSISTANCE IS NEEDED, WITHIN 5 MINUTES UPON CALL. IF THE RESPONDING UNIT FAILS TO REACH YOU WITHIN 5 MINUTES AFTER YOUR CALL FOR ASSISTANCE REPORT TO MAYOR MCF.

THE MEMBER(S) OF THE RESPONDING TEAM SHALL BE REQUIRED TO SUBMIT THEIR EXPLANATION. IF THEIR REASONS ARE NOT ACCEPTABLE THEY ARE EITHER SUSPENDED OR TERMINATED. OTHER REQUEST FOR ASSISTANCE MAY BE IN THE FORM OF MEDICAL, NON-MEDICAL NEEDS, FIRE OR VEHICULAR ACCIDENTS.

WHAT OTHER RADIO COMMUNICATION SYSTEMS ARE INSTALLED IN THE CENTRAL COMMUNICATION CENTER?

B. METRO MANILA DEVELOPMENT AUTHORITY COMMUNICATION SYSTEM – TO DIRECTLY MONITOR, ASSESS, EVALUATE, REPORT FEEDBACK ON STATUS OF DISASTER (S) AND HOW THE MARIKINA CITY DISASTER COORDINATING COUNCIL IS RESPONDING TO THE CALAMITY.

C. AMATEUR RADIO COMMUNICATION GROUP – TO MONITOR AND ASSISTS THE MCDCC OPERATIVES, IF SITUATION REQUIRES, IN THE EVENT THAT THE CITY NEEDS ADDITIONAL COMMUNICATION EQUIPMENTS TO BE ASSIGNED IN CRITICAL AREAS.

WHAT ARE THE TYPES OF COMMUNICATION EQUIPMENT ARE AVAILABLE?

- 3 Repeater Unit UHF
- 1 Repeater Antenna UHF
- 5 Base Radio Transceiver VHF-MMDA
- 1 Base Radio Transceiver VHF-PNP
- 1 Base Radio Transceiver VHF-BFP
- 125 Portable Radio Transceiver UHF
- 1 Radio Station DZBF 1674 MHZ
- 16 pcs. Loud Speakers 150 watts each
- Base Radio Transceiver VHF DPWH
- 2 Sound Truck
  - Telephone Unit/PLDT
  - Telephone Unit/Globe
- Cellphones
- 8 Barangay Paging System
- 9 Megaphones
- 1 radio Cassette AC/DC
- 1 Audio Mixer w/ 8 microphone inputs
VI. FINANCE

A 20 MILLION PESOS CALAMITY FUND PER ANNUM TO SUPPORT THIS PROGRAM.

THE TEAM THAT WORKS!
OUR DISASTER PREPAREDNESS PLAN IS NOT CENTERED ONLY ON OUR AVAILABLE EQUIPMENT AND RESOURCES, BUT ALSO TRAIN OUR OPERATIVES AND TEAM LEADERS THERE ARE ALSO OTHER FACTORS THAT MITIGATE DISASTERS.

PRIOR TO 1992, 20% OF A TOTAL LAND AREA OF MARIKINA IS UNDER WATER DUE TO ABSENCE OF ADEQUATE DRAINAGE SYSTEM, CLOGGED CANALS AND ESTEROS ILLEGALLY BUILT STRUCTURES AND THE PRESENCE OF SQUATTERS ALONG WATER WAYS, ILLEGAL ENCROACHMENTS ON SIDEWALKS, THE PRESENCE OF SIDEWALK VENDORS ALL OVER THE CITY,

VEHICULAR TRAFFIC CONGESTIONS DUE TO THE PRESENCE OF ILLEGAL PARKING AND JUNK VEHICLES, CONSTRUCTION DEBRIS AND GARBAGE ALONG THE ROAD RIGHT OF WAY, DILAPIDATED AND UNPAVED ROADS, INDISCRIMINATE AND UNRESTORED DIGGINGS OF UTILITY COMPANIES, THE INSTALLATION OF ENTRANCE GATES IN MOST SUBDIVISION, AND PRESENCE OF SPEED BUMPS ALL OVER THE CITY.
For the past 9 years we have concreted 187 kilometers of road ways, completed 94 kilometers of major flood control, drainage system thus solving 95% of the 20% flooded areas within the city, dismantled encroachments, illegally built structures, removed all construction debris, garbage and other waste materials along the sidewalk.

HAZZLE FREE-ROADWAY

For the past 9 years we have concreted 187 kilometers of roadway
• We removed humps all over the city except those fronting the schools, installed strategic traffic lights, removed illegally parked and junked vehicles, demolished subdivision gates, replacements of busted street lights, installed highmast luminaires along the Marikina River Recreational Park including open spaces and playgrounds in subdivisions, and provided appropriate traffic, directional, informative and educational signage. We also provided a number of parking areas for public transport and designated loading and unloading stations where it is required. If you happen to visit Marikina you will notice that even in school grounds we demolished the solid fence wall and reconstructed the fence made of cyclone wire, along the 5 meter setback requirement, so that this space can be used as additional waiting areas for school buses.
The result of our efforts is the increase in mobility around the city thus improving flow of traffic, reducing the travel time within the city by 15-30 minutes, improving the response time during emergencies, faster delivery of basic needs, achieving 98% compliance of drivers to traffic rules. Within the next two (2) years, the air pollution in the city will be greatly reduced and is expected to be within the tolerable level in the next five (5) years.

•DISCIPLINA SA BANGKETA (Discipline in the Sidewalk)

We were able to clear 480 km. of sidewalks and were able to cement 123 km. of pavements in a span of 8 years. Presently the city has liberated 90% of its 670 kilometers sidewalk from anarchy. We demolished all structures that were illegally built along the sidewalk like plant boxes, encroachment, picket fences, down spouts, clothesline and canopies. The plumbers of Engineering Department relocated all water Meters obstructing the sidewalks and uprooted and/or transferred trees which are not in accordance with the list of trees allowed by Meralco to be planted along the sidewalk. If you happened to visit Marikina you may notice that our sidewalks are cemented red to indicate that they are for pedestrian use.

We received a national award from Malacañang for our program “DISCIPLINA SA BANGKETA” Making Marikina known as …
A “WALKABLE CITY”, which is not very common in Metro Manila.

SQUATTER-FREE MARIKINA

Prior to this program, about one-third of Marikina’s population lived in 45 depressed areas; squatted on private and government lots; lived in danger zones such as along riverbanks, creeks, road-right of ways and in public open spaces.
The passage of the New Local Government Code and The Urban Development and Housing Act gave impetus to the city’s vision of a squatter free Marikina. Started in 1993, the program is implemented by the Marikina Settlement Office. To date more than 8,000 squatter families were relocated from the lower banks of Marikina River and several hundreds coming from the different creeks to the five major-in-city settlement sites. The city government provided them electricity, water systems and concrete roads and alleys.

Today, there remain only about 800 squatter families to be moved. With the city’s best efforts, Marikina can probably declare itself practically squatter free in a year’s time. The squatter free Marikina program of the city government somehow lessened the burden in our disaster program in what used to be flood prone areas where most of this families lived. We cleared this area and made an access road, a park, a jogging and bike lane along the River Bank.
Recognize that the ultimate aim of everything which government does is peace and order and to secure lives and properties and that the best measure of the efficiency of emergency service is RESPONSE TIME. The program guarantees the arrival of emergency services (medical, fire and police assistance) within five (5) minutes upon call for assistance with the people themselves as monitors. The program is no different from those of other LGU’s (Local Government Units) is except for the sign posted in every vehicle involved in the operation:

FIVE MINUTES QUICK RESPONSE TIME

IF THIS UNIT FAILS TO REACH YOU WITHIN FIVE (5) MINUTES UPON CALL FOR ASSISTANCE, CALL MAYOR MCF at Tel. No. 646-52-77. It is made possible by the order and discipline obtaining in the streets of Marikina owing to the successful implementation of the DISCIPLINA SA BANGKETA and HASSLE-FREE ROADWAYS from an average response time of 10-15 minutes four years ago, it has gone down to 3.6 minutes which is far better than America’s Rescue 911.
MIDNIGHT DOCTORS
(HOME SERVICE NG DOKTOR SA HATINGGABI)

This project addresses the need for medical services between 10:00 PM to 6:00 AM when usually no doctors are available to respond to house calls. The midnight doctor will respond to house calls. The midnight doctor will respond to non-emergency cases, and is not covered by the 5-minute quick RESPONSE TIME. The midnight doctor will arrive at the patients' home also by Rescue 161 ambulance, diagnose and check the patients and give the necessary medicine. If the need is emergency case, the attending doctor can immediately order the transfer of the patient to the nearest hospital.

Get it done
sa
BARANGAY TALYER
A JOINT PROJECT OF THE CITY OF MARIKINA AND THE BARANGAY

This is a communal shop where various tools for cutting, carpentry, drilling, gardening, measuring and lay-out, welding, striking, threading, wrenches and others are stored and used for free by barangay residents, particularly the marginalized ones and the youth.

Barangay Talyer acts as a support unit. It has a big inventory of hand tools where residents in the affected areas can use this tools in the aftermath of disasters for minor house repairs and rehabilitations.
These programs of the city government in times of emergencies and disasters are plus factor on our respond to disaster call, smooth delivery of service to the affected areas. If our roadways and sidewalk are always clear of any obstructions then our rescue personnel, rescue operations and equipment can move freely and unhampered to any point of the city, thus minimize any loss of lives and properties. During normal times, we continue monitoring these areas and apprehend everyone who violates or disregard this program.

With the strict implementation of the National Building Code and city ordinances, our citizens know by heart that we mean business when it comes to the said programs.
THANK YOU!

THE MARIKINA CITY DISASTER COORDINATING COUNCIL AWARDED AS THE MOST OUTSTANDING CITY DISASTER COORDINATING COUNCIL IN THE PHILIPPINES!!!