RESOLUTION NO. 1-S-2004

A RESOLUTION DECLARING THE STATE OF CALAMITY IN THE AREAS AFFECTED BY THE EPIDEMIC IN MOLINO, BACOOR, CAVITE AND AUTHORIZING THE RELEASE OF NECESSARY FUNDS THEREFOR.

WHEREAS, public health is one of the primary duties of a Local Government Unit. Each of which is duty bound to see to it that health and welfare of each and every constituents are taken care of to the fullest;

WHEREAS, it is likewise primary obligation of each Local Government Unit to protect its constituents from any or impending epidemic that endangers the life and health of the people;

WHEREAS, there is an outbreak of typhoid and dengue cases in the Molino area affecting thousands of residents of Molino, it is only paramount that immediate medical assistance be extended to them;

WHEREFORE, on motion of Honorable Councilor ROBERO J. SAQUITAN and unanimously seconded by all members present on its SPECIAL SESSION assembled BE IT RESOLVED AS IT IS HEREBY RESOLVED by the Sangguniang Bayan of Bacoor, Province of Cavite to declare the state of calamity in the areas affected by the epidemic in Molino, Bacoor, Cavite and authorizing the use of Calamity Fund appropriated in the 2004 budget.

RESOLVED FURTHER to furnish the Office of the Honorable Mayor Jessie B. Castillo and other concerned for their information and appropriate action.

APPROVED UNANIMOUSLY.

We hereby certify to the truth and correctness of the above quoted Resolution.

GERTRUDES M. OCAMPO
Member

EDRALIN G. GAWARAN
Member
HUBERT V. GERVACIO
Member

NORMITA D. CELESTINO
Member

PETER SIMON C. LARA
Member

ROBERTO J. SAQUITAN
Member

LORENZO P. NOLASCO
Member

AVELINO S. DE CASTRO
Member

AVELINOS B. SOLIS
Member

MARIENNE JOYCE G. CASTILLO
Member

Attended By:

EDWIN E. MALVAR
Municipal Vice Mayor / Presiding Officer

Approved By:

JESSIE B. CASTILLO
Municipal Mayor
January 5, 2004

TO
Honorable JESSE CASTILLO
Mayor
Municipality of Bacoor, Cavite

Through
Dr. VICTORIA D. BAUTISTA
Municipal Health Officer
Bacoor, Cavite

FROM
DAVID J. LOZADA, JR. MD. MPA, CESO III
Director IV
Center for Health Development for CALABARZON (IVA)

Subject
PROPOSED PLAN OF ACTION TO ENSURE QUALITY OF
DRINKING WATER IN MARY HOMES SUBDIVISION,
BACOOR, CAVITE

Attached herewith is the proposed plan of action to ensure the quality of drinking water in Mary Homes Subdivision, Molino 4, Bacoor, Cavite.

For your perusal.
PROPOSED PLAN OF ACTION TO ENSURE QUALITY OF DRINKING WATER IN MARY HOMES SUBDIVISION, BACOOR, CAVITE

Background:

The private water utility is managed by San Jose Builders which is the developer of Mary Homes Subdivision, in Bgy. Molino 4, Bacoor, Cavite. It drew its water supply from three (3) deepwells using submersible pump and motor set, and stored in three overhead tanks with a capacity of 60,000 gals., 40,000 gals., and 30,000 gals. It is then distributed to Phase I-IV of Mary Homes Subdivision through the distribution pipelines.

The staff of Center for Health Development for CALABARZON (IVA) - Department of Health, made the following assessment on the typhoid outbreak on December 23, 2003, in Mary Homes Subdivision.

Cause of the problem:

- No system yet for water quality regulation of private water utilities;
- The developer (San Jose Builders) of Mary Homes Subdivision laid the transmission and distribution pipelines of PVC pipes inside the drainage and sewer lines;
- In low lying areas, drainage canal are clogged and flooded even during dry season due to the absence of outfall;
- During wet season, all transmission and distribution pipelines are submerged in drainage canal and sewer lines;
- Pipe leakages were visible in concrete pavements;
- No continuity in water supply (maximum of 4 hours supply of water per day), thus increasing the risk of back-siphonage of canal water, flood water and wastewater in water lines, resulting to bacterial contamination of water supply;

What the developer did in response to the problem:

- The three (3) overhead tanks were cleaned last December 24, 2003;
- Drinking water from the water refilling stations were supplied to the residents of Mary Homes Subdivision;
- Water samples were taken last December 26, 2003 from the overhead tanks and examined by Environmental Health Laboratory Service Cooperative. The result of bacteriological analysis of water showed that water from the tanks were negative for fecal coliform contamination;
- In selected areas, the polyvinyl tubing were taken out from the drainage, laid on top and across the concrete pavement;
- Repair of leaks and installation of water meters.
Proposed plan of action:

1. To set a compliance requirement on water quality regulations to San Jose Builders and all private water suppliers except for water districts regulated by Local Water Utilities Administration (LWUA) and Maynilad Water Services Inc. (MWSI), which is regulated by Metropolitan Waterworks and Sewerage System (MWSS).

COMPLIANCE REQUIREMENTS:
1.1. Compliance to the 1993 Philippine National Standards for Drinking Water
1.2. Monthly bacteriological testing
1.3. Annual physical/chemical testing
1.4. Regular submission of report to Municipal Health Officer (it is the responsibility of the water provider to report their performance and the health authority have the responsibility to evaluate the information given)
   - Bacteriological - Monthly
   - Physical/Chemical - Annual
1.5. Chlorine residual maintenance and monitoring

Sampling Frequency:
- For Bacteriological analysis: monthly
- For Physical/Chemical analysis: annual

Number of samples required:
- Bacteriological: one (1) sample/5,000 served
- Physical/Chemical: one (1) sample/source

2. To set a system of drinking water quality surveillance that will ensure the quality of drinking water in supplied by private water suppliers, MWSI, and water refilling stations in Bacoor, Cavite. The proposal is to create a Local Drinking Water Quality Monitoring Committee that will be responsible for the following:
   - Regular collection/analysis of water samples;
   - Evaluating laboratory results as to their compliance to standards;
   - Conducting regular or immediate sanitary survey during the existence of a potential cause of contamination;
   - Instituting remedial measures to correct the deficiency of the water system;
   - Informing the public of the latest quality of the drinking water in the locality; and
   - Performing other functions related to water quality assurance.

The committee is composed of but not limited to representatives from:
   a. Municipal Health Authority - Chairman
   b. Rural Health Unit