


NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Gen. Emilio Aguinaldo, Quezon City, Philippines

NDRRMC UPDATE

Sitrep 2 on Diarrheal Cases in Purok 6, Gapo, Daraga, Albay

Releasing Officer


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Sources: DOH-HEMS, RDRRMC/OCDRC V, PHO-Legazpi City

I. SITUATION OVERVIEW

- Based on the findings of the investigation conducted by the Joint team of Daraga RHU and PHO-PESU from **April 22 to May 5, 2011**, the total cases of diarrhea in Purok 6, Gapo, Daraga, Albay rose to **35**. **Out of 35 cases, three (3) were reported dead**
- Victims' ages ranged from 8 months to 53 years old. Median is 30 years old. with three (3) fatalities, one (1) died last 26 April 2011 and the two (2) died on May 1, 2011. They were among those admitted at the Bicol Regional Teaching and Training Hospital (BRTTH). Majority (54%) of those affected were adult males (N=: 19/35). Majority of the cases showed signs of LBM (more than 3 times), nausea/vomiting, and yellowish to greenish stool As of this report, **one (1)** patient is confined at BRTTH
- The cause of said cases was due to drinking from the water pump and unimproved spring
- Table of Diarrhea Cases (**April 22 to May 3, 2011**)

No	Patients' Names	Age	Sex	Address	Date Admitted	Date Dis-charged	
1	Maravillas . Aron	11 ms	M	Purok 6 Gapo, Daraga	4/24/2011	5/1/2011	Dead 5/1/11
2.	Completo ,Kevin	9 y/o	M	- do-	"	4/27/2011	
3.	Completo Salvador	30y/o	M	- do-	"	4/30/2011	
4.	Completo,Marivic	34y/o	F	-do-	"	4/28/2011	
5	Maravillas ,Erwin	32y/o	M	-do-	"	4/30/2011	
6.	Ugay, Devine Joy	1y/o	F	-do-	"	4/28/2011	
7	Maravillas Giselle	7 y/o	F	-do-	"	4/30/2011	
8	Jesalba, Jhoana Rose	19y/o	F	-do-	4/29/2011		
9	Maravillas ,Arnel	37y/o	M	-do-			
10	Mirandilla, Arthur	53 y/o	M	-do-			Dead 4/26/11
11	Maravillas , Leoncita	31 y/o	F	-do-	4/24/2011		
12	Loremia, Darwin	22 y/o	M	-do-			
13	Maravillas, Roly	52 y/o	M	-do-	4.25/2011	5/1/2011	Dead (5/1/11)
14	Ugay, Karen Casay	3 y/o	F	-do-	4/25/2011	4/27/2011	
15	Mesa, Gillian	5y/o	F	-do-	4/25/2011	4/29/2011	

16	Maravillas, Angie	23 y/o	F	-do-	4.25.2011		
17	Maravillas, Daryl	1 y/o	M	-do-	4/25/2011		
18	Completo Mikaela	8 m/o	F	-do-	4/26/2011		
19	Maravillas, Juvy	27 y/o	F	-do-	4/26/2011	4/30.2011	
20	Mesa, Homer	11m/o	M	-do-	4/26/2011	4/29/2011	
21	Mesa, Gilmer	33y/o	M	-do-	4/27/2011		
22	Maravillas, M Jane	30y/o	F	- do-	4/26/2011		
23	Maravillas, Salvador	48 y/o	M	-do-	4/28/2011	5/1/2011	
24	Mesa, Mary Jane	26 y/o	F	-do-	4.28.2011		
25	Maravillas, Ronald	12 y/o	M	-do-			
26	Maravillas, Mylene	10 y/o	F	-do-			
27	Maravillas, Jayson		M	-do-	Taytay Hosp		
28	Maravillas, Jeroco		M	-do-	-do-		
29	Mesa, Mariden	49y/o	F	-do-			
30	Maravillas, Antonio	42y/	M	-do-	4/29/2011		
31	Mesa, Martin	53y/o	M	-do-	4/29/2011		
32	Maravillas, Rose Ann	15y/o	F	-do-	4/30/2011		
33	Mesa, Abegail	25y/o	F	-do-	4/30/2011		
34	Lormia, Von Daryl Angelo	1y/o	M	-do-	5/2/2011		
35	Jesalba, Tito	21y/o	M	-do-	5/3/2011		

Environmental Sanitation

- Ocular investigation of the water sources showed that the unimproved spring is just located in a distant area where the victims are residing and the inhabitants wash their clothes within the vicinity
- **A privately owned shallow tube well is being utilized as an alternate water source in Purok 6 complemented by the distribution of water by the WATSAN of the PHO-PGA**
- **Assessment of water source was done during the joint meeting of the PEO, PHO and APSEMO**

Examinations Results

- Bacteriological examination result of water sample yield positive for fecal/ total coliform at 8.0 mpn/100m). Based on rectal swab examination results, three (3) were positive for vibro cholera. Meanwhile, 10 rectal swabs are still awaiting results

II. ACTIONS TAKEN

LGU / RHU Current Initiatives

- Epidemiological investigation of cases in Purok 6, Gapo, Daraga ;
- Mobilizing of Barangay Health Workers to continuously line list cases found in the area;;
- Intensification of health information dissemination in identified areas;
- Continuous provision of oresol, medicines and hyposol in the area; and
- Treatment and management of cases in respective health facilities

Gapo Barangay Council

- Perimeter fencing of the unimproved spring
- Information preventing the public not to use the spring for drinking water
- Close coordination with the RHU-Daraga

PESU

- Conducted epidemiological investigation in coordination with the RHU staff

- Supplied RHU with oresol and hyposol and assisted the staff in disease containment measures
- Coordinated with CHD5 for laboratory services and the collected specimens, and with RESU 5 for other disease containment measures
- **PHO, PEO, APSEMO team was dispatched to conduct engineering investigation and design planning for water source improvement and development**
- **Distribution of water by the WATSAN of PHO-PGA and disease surveillance of cases are still ongoing**

CHD 5

- Provided bacteriological and rectal swab specimen containers; logistic support to RHU (hyposol, chlorine granules); and laboratory services for water samples collected
- **The National Epidemiology Center (NEC) fielded Field Epidemiology Training Program (FETP) in the area to conduct further assessment, evaluation and management of cases**

III. RECOMMENDATIONS

LGU / RHU

- Disinfection of household container with the use of hyposol or stock solution
- Continue the conduct of epidemiological investigation of suspected cases
- Mobilize health workers in concerned areas and other adjacent areas for case finding, household disinfection, and advocacy on proper hand washing
- Coordinate closely with the barangay council for continuous health education and condemn water source
- Health education activities in the community during barangay assemblies reiterating the importance of:
 - ❖ Drinking water collection from identified outlets of safe drinking water
 - ❖ Water from the identified positive sampling points will only be used for activities other than drinking purposes
 - ❖ Use of household chlorination and boiling for drinking purposes
 - ❖ Proper hand washing techniques
- Continue treatment and management of cases found
- Close monitoring and surveillance of suspected cases

PHO-PESU

- Continuous surveillance and monitoring of cases
- Assistance to Daraga RHU in technical support, medicines and hyposol and forms needed.

CHD 5 and Regional Laboratory

- Laboratory services for water and food borne disease identification and confirmation.