

**International Federation of Red Cross and Red Crescent Societies
Philippines National Red Cross**

**Philippines Typhoon Operations 2006
Health and Water & Sanitation Sector Plan**

In December 2006, the International Federation of Red Cross and Red Crescent Societies launched international appeal on behalf of the Philippines National Red Cross (PNRC) to support its efforts in response to the recent typhoons of late 2006. This emergency appeal seeks CHF 10,547,314 (USD 8,637,057 or EUR 6,587,671) in cash, kind, or services to support the Philippine National Red Cross in assisting 1,030,000 beneficiaries for nine months.

As a part of this appeal, the PNRC will implement a range of health and water & sanitation activities in the affected areas. The total health and water & sanitation component of this appeal is CHF 1,654,154 (PHP 66,993,250) and below is summary of those activities.

Identification of Needs

Between September and December 2006, the Philippines National Red Cross (PNRC) has deployed multiple assessment teams and to support these efforts, the International Federation of Red Cross and Red Crescent Societies has mobilized two deployments of regional disaster response teams (RDRT).

In order to conduct a detailed assessment of damaged areas and re-launch the international appeal of the PNRC, a joint Field Assessment and Coordination Team (FACT) and RDRT team arrived in Manila on 5 December 2006. This team conducted assessment in the 12 most affected provinces – Albay, Catanduanes, Camarines Sur, Marinduque, Albay, Mindoro Oriental, Catanduanes, Quezon, Aurora, Isabella, Sorsogon and Laguna. Attention was directed towards assessing the damage to households (shelter), overall health situation of the affected communities, food security and availability of safe potable water.

Health and water & sanitation related findings:

- Typhoons inflicted severe damage to health centres in a number of provinces. The local government units in the affected provinces have allocated emergency funding to restore the key public health facilities. However, they focus primarily on large hospitals at the provincial level. Restoration of health facilities at the municipal and *barangay* levels is urgently needed. Many people however are left without access to basic health care, clean water and adequate sanitation.
- Many communities do not have access to safe water. In some places, the water system was damaged. In other places there are serious concerns about the quality of the water. The local government in the affected provinces have allocated emergency funding to restore the key municipal water supply systems. While some communities are using secondary sources of water (artesian wells and hand pumps), others remain without access to it. Poor hygiene raises concerns too.
- Measures are necessary to prevent the deterioration of health of the communities that could be triggered by poor water and sanitation conditions. Immediate actions should include the distribution of water purification sachets, rebuilding of damaged household latrines in the communities not targeted by government or other agencies. This should be coupled with targeted health education and hygiene promotion.
- It is also important to improve the PNRC's preparedness for health and water and sanitation emergencies. This will contribute to increasing resilience of the affected communities to future disasters.

Overall objective of the emergency operation

To contribute to the restoration of basic living conditions of the affected population in the aftermath of the series of successive devastating typhoons.

Timeframe: December 2006 - September 2007

Target group:

Camarines Sur, Catanduanes, Albay, Isabela, Aurora, Sorsogon, Laguna, Mindoro Oriental, Marindique, and Quezon. A total of 1,030,000 people are planned to be assisted.

Specific Objectives:

Objective 1

By the end of February 2007, a total of 160,000 people will have secured access to primary health care as the result of restoration of operations by 12 municipal health units and 40 barangay health stations.

Objective 2

By the end of August 2007, 50 most affected barangays in ten provinces will have reduced rates of common communicable diseases through people's improved health awareness.

Objective 3

By the end of August 2007, 30 barangays in 6 most malaria risk provinces report the reduced rates of malaria incidence.

Objective 4

By the end of August 2007, 2,400 households in seven targeted barangays in the provinces Albay and Camarines Sur have access to improved sanitary facilities.

Objective 5

By the end of December 2006, at least 10,000 people staying in evacuation centers and host community in Daraga city in Albay province will have adequate access to safe drinking water for the next three months period.

Objective 6

By the end of August 2007, the Philippines National Red Cross will have enhanced preparedness to respond to emergency health and water & sanitation needs of the affected communities.

Proposed Activities:

#	Key components	Target areas	Details:
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1	Restoration of health facilities (rural health units - RHU, barangay health stations - BHS)	6 provinces (in Cam Sur, Catanduanes, Mindoro Oriental, Marindique, Sorsogon and Quezon provinces)	PNRC target: 9 RHUs, 27 BHS see criteria below List of selected health facilities for restoration and distribution of meds (Annex A)
2	Distribution of medicines and supplies to health facilities	The same facilities targeted for restoration	PNRC target: 10 RHUs, 27 BHS (Annex A) Will provide: 10 New health emergency kits and 40 basic units
3	Community health education, hygiene promotion, awareness on psychological support	10 provinces (Cam Sur, Catanduanes, Albay, Mindoro Oriental, Marindique, Quezon, Isabela, Laguna, Aurora, Sorsogon)	450 Red Cross volunteers to be trained
4	Distribution of mosquito nets to families	6 provinces (Mindoro Oriental, Mindorro Occidental, Quezon, Camarines Sur, Isabela, Aurora)	12,198 households that are targeted for non-food item distribution under the PNRC typhoon appeal in those 6 provinces will be provided with IEC materials and mosquito nets (total 24,378 nets)
5	Strengthening health in emergency preparedness capacity of the PNRC	Nationwide	Pre-positioning of 5,622 mosquito nets and health emergency kits Training for PNRC staff
6	Restoration of damaged latrines for 2,400 households	Camarines Sur and Albay provinces Camarines Sur province (4 municipalities): 5 barangays in Naga, Buhi, Cabusao, Ocampo Albay province (4 municipalities): 5 barangays in Legaspi City, Daraga, Guinobatan, Camalig	2,400 households (1,960 in Camarines Sur and 440 in Albay province) Beneficiaries will be selected from the same beneficiary HH that are targeted for shelter assistance.

7	Water trucking operation	Albay	Watsan emergency kits for prepositioning, training for PNRC staff
8	Strengthening PNRC WatSan in emergencies preparedness capacity	Nationwide	

Timeplan

Activities	Dec '06	Jan '07	Feb '07	Mar '07	Apr	May	Jun	Jul	Aug
Organise delivery of health emergency kits.	X	X							
Identify and hand over health emergency kits to beneficiary health facilities.	X	X	X	X					
Identify and conduct detailed damage assessment of beneficiary health facilities.		X	X	X					
Monitoring of health facilities			X	X	X	X	X		
Organise contracting of local builders to repair the damaged health facilities.		X	X	X					
Select and train existing RC volunteers in community health education.	X	X							
Design new or reproduce existing PNRC health IEC materials.	X	X							
Mobilize trained RC volunteers for health dissemination and hygiene promotion.		X	X	X	X	X	X		
Organize project review workshop for staff of implementing RC chapters.								X	
Distribute mosquito nets		X	X	X	X	X	X	X	
Recruit delegate and local sanitation expert.	X	X							
Conduct detailed assessment of target area and design of latrines.		X							
Purchase construction materials and tools for latrines.		X							
Rent two 5m ³ water trucks and start of trucking activities.	X	X	X	X					
Procure and install 2, 5m ³ and 2, 10 m ³ bladder tanks with tab stands.		X							
Procure emergency water & sanitation kit for 10,000 people.			X	X					
Organise national training on public health in emergencies and emergency water & sanitation.								X	
Preposition public health emergency			X	X	X	X	X	X	

Activities	Dec '06	Jan '07	Feb '07	Mar '07	Apr	May	Jun	Jul	Aug
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Total Budget:

Key activities	PHP	CHF
Restoration of health facilities	16,400,000	404,938
Distribution of medicines and supplies to health facilities	5,725,262	141,364
Community health education, hygiene promotion, awareness on psychological support	6,918,400	181,581
Distribution of mosquito nets to families	6,887,236	170,055
Strengthening health in emergency preparedness capacity of the PNRC	1,427,400	31,689
Restoration of damaged latrines for 2,400 households	13,498,000	333,284
Water trucking operation	2,817,720	69,573
Strengthening PNRC WatSan in emergencies preparedness capacity	2,441,408	60,282
Other expenses	10,877,824	261,388
Total	66,993,250	1,654,154

Details of Activities:

Restoration of health facilities and distribution of medicines and supplies:

Criteria for selection of health facilities:

- to be partially damaged by the typhoons
- fully or partially operational at the time of assessment (receive admissions)
- has adequate level of health staffing - # of health staff + catchment pop.
- local govt unit has no resources to replenish medicine stocks for the next 3 months (Dec 06- Feb 07)
- located in the city periphery or in rural areas
- has supplies of medicines to treat basic conditions for no more than 15 days at the time of assessment;

Adequate staffing means:

- if RHU (for 10,000 pop.) - total 2-5 staff, from this minimum one qualified health worker
- if BHS - 1 BHW for 500-1000 pop., one birth attendant for 2,000 pop.

Mosquito net distribution

Under the Typhoon Appeal, the PNRC will distribute mosquito nets in those affected provinces that fall under the following categories:

- a) Categories A and B provinces based on the five and ten year average incidence rate for malaria
- b) Rate per 100,000/year (based on 5yr average # of cases).

The targeted provinces for distribution of mosquito nets are the following:

Province	# of NFI to be distributed	# of mosquito nets (2 per HH)
Mindoro Oriental	800	1,600
Mindorro Occidental* tarps	800	1,600
Quezon	1,300	2,600
Camarines Sur	7,000	14,000
Isabela	1,048	2,096
Aurora	1,241	2,482
Total	12,189	24,378

Restoration of damaged latrines for 2,400 households

The criteria for the beneficiary households:

1. The household has been identified and jointly agreed by the Philippines National Red Cross local chapter and barangay authorities as beneficiary household for shelter assistance under the Typhoon Appeal.
2. The household owns individual latrine.
3. The household's latrine has been destroyed by the recent typhoons and can no longer be used.
4. The household has regular access to sufficient amount of water used for washing/bathing.
5. There is no open well or deep well within 30 meters from the house and the site where the new latrine will be built.
6. The household has enough free space for latrine construction (a distance of at least 20 metres from the house to the latrine)