

Operations update



International Federation
of Red Cross and Red Crescent Societies

Nepal: Potential Diarrhoea Outbreak

Emergency appeal n° MDRNP004
Operations update n° 4
21 September 2010

Period covered by this operations update:
11 August to 13 September 2010;

Appeal target (current): CHF 738,960 (USD 664,175 or EUR 527,232).

Appeal coverage: With contributions received to date, the appeal is 43 per cent covered in cash and kind.

Funds are urgently needed to support the Nepal Red Cross Society operation in reducing the risk of a diarrhoea outbreak in the vulnerable districts of Nepal.

[<click here to go directly to the updated donor response report, or here to link to contact details >](#)

Appeal history:

This Emergency appeal was launched on 13 May 2010 seeking CHF 738,960 (USD 664,175 or EUR 527,232) in cash, kind, or services to support the Nepal Red Cross Society to assist 189,000 beneficiaries for nine months in seven districts of Jajarkot, Rukum, Achham, Dadeldhura, Bajura, Baitadi and Bajhang.

CHF 200,000 (USD 179,855 or EUR 142,718) was allocated from the International Federation of Red Cross and Red Crescent Societies' (IFRC) Disaster Relief Emergency Fund (DREF) to support this operation.

Summary:

With the peak monsoon season, cases and deaths due to diarrhoea have increased in the mid- and far-western regions of Nepal. So far, 58 deaths and over 3,621 cases have been officially reported across 25 districts. However, the actual number of deaths and cases across the country is feared to be higher as many people in remote areas are not seeking treatment at health posts.

During the reporting period, 15 deaths were recorded from Dang, Banke, Baitedi, Bajhang and Rukum districts of mid and far-western regions, Lamjung and Myagdi districts of western region and Gorkha district of mid-eastern region of the country. Most deaths occurred in remote villages in the mid-west region where a large percentage of the population is at high risk of falling sick due to poor sanitation, unsafe drinking water supply and illiteracy. Many are uneducated about basic hygiene and healthcare. Similarly, diarrhoea cases have been recorded in Khotang, Sunsari and Morang districts from the eastern region.

The situation has been exacerbated by heavy floods and landslides over the last few weeks as many communities remained with limited access to safe drinking water. In addition, there are issues of access to the affected areas, with aid workers struggling to reach these villages because of impassable roads made worse by



Community people receiving diarrhoea prevention kits distributed by Nepal Red Cross Society. Photo: Nepal Red Cross Society.

the rains.

The government's Epidemiology and Disease Control Division (EDCD) of the department of health services has been leading the response activities in coordination with district disaster relief committee (DDRC) as well as the water, sanitation and hygiene (WASH) cluster, which includes the Nepal Red Cross Society (NRCS). EDCD also has issued instructions to all district health offices to be well prepared for further outbreaks.

Being auxiliary to government, NRCS has been supporting government in reducing the risk of diarrhoea outbreak through the following activities: community awareness, health promotion, distribution of oral rehydration solution (ORS) and chlorine solution in coordination with different partners like WHO and UNICEF.

In each of the seven most vulnerable districts covered by this appeal (Achham, Baitadi, Bajhang, Bajura, Dadeldhura, Jajarkot and Rukum), NRCS has deployed a coordinator, and more than 240 trained volunteers and mobilizers, to conduct diarrhoea prevention and health promotion activities. The volunteers and mobilizers trained on water, sanitation and hygiene promotion (WATSAN/HP) have been disseminating knowledge on safe hygiene practices in the vulnerable communities through door-to-door visits, distribution of information, education, communication (IEC) materials and health education. These activities are being carried in 70 of the most vulnerable village development committees (VDC) in the seven districts.

During the reporting period, the operation has significantly scaled up, with the following key activities undertaken:

- Two-day trainings on WATSAN/HP have been completed in all operation districts. The trainings have been crucial in empowering more than 1,700 people including Red Cross volunteers, teachers, female community health volunteers (FCHVs), and representatives from VDC, health/sub-health post, social service organizations in the community with the knowledge on water, sanitation and hygiene. The trained volunteers have been promoting health and proper hygiene in the community.
- During the reporting period, 22,500 ORS packets were dispatched to Bajura, Bajhang and Jajarkot districts. These districts were already provided with soap and chlorine solution in July. Similarly, diarrhoea prevention kits (including soap, chlorine/water guard solution and ORS) were dispatched in other operational districts (Rukkum, Dadeldhura, Baitadi and Achham) in July. At present, distribution of the diarrhoea prevention kits ongoing in all the VDCs of operational districts.
- The trained NRCS volunteers and WATSAN/HP mobilizers have been conducting community orientation sessions on water treatment options, specifically use of chlorine, boiling and solar water disinfection (SODIS) in the communities of operation districts. These orientations have been very effective in empowering the community people with the skills/knowledge of water purification methods practically.
- In total, NPR 245,000 (37,652 CHF) has been provided to the seven operational district chapters to support the construction of low-cost latrines for the selected households in the communities. Altogether 700 most vulnerable households (100 households in each operation district) will be supported for the latrine construction in the operation districts. The construction has already started in Rukum district (already completed 22 latrines) and preliminary work such as selecting the vulnerable households for the support is going on in other districts.
- Support to animal shed management has begun in Rukum district and under process in other operation districts. The support includes providing materials (cement, pipe/bamboo) for plastering floors and making outlets in animal sheds. NRCS volunteers have been advocating to the communities to dispose of animal waste properly, keeping the sheds and surroundings clean.
- An additional 67,500 ORS packets and 1,000 each of tee shirts and caps have been processed for procurement.
- NRCS volunteers and mobilizers have been conducting hand washing demonstrations and hygiene promotion sessions in schools and communities. To date, more than 200 such events have been completed in the operation districts. As a result, students/community people have learnt the proper way of hand washing and its importance in avoiding the illness like diarrhoea.

- Similarly, trained NRCS volunteers have been demonstrating the correct way of preparing ORS in the vulnerable communities. To date, more than 230 such sessions have been completed in the seven operation districts. Now, most of the community people in the operation VDCs are able to prepare ORS correctly.
- Messages on WATSAN/HP linking with diarrhoea are being aired regularly through the local FM radio stations in all operation districts. Similarly, the diarrhoea prevention/control message has been broadcasted regularly in the weekly Red Cross programme through ten other FM radio stations in different parts of the country. The radio message has been crucial in creating awareness on preventive and control measures of diarrhoea by reaching more people at risk. In addition, a Red Cross programme focusing fully on potential outbreaks (news/features) was aired through FM radio stations.
- Red Cross volunteers and mobilizers organized an 'Ignition Participatory Rural Appraisal' activity in the villages of Bajhang, Jajarkot and Rukum districts to discourage open defecation. This activity will be conducted in other operational districts too.
- Messages on diarrhoea prevention and control are being displayed in the public places such as markets and schools through boards and other IEC materials such as pamphlets and flex banners in the operational districts. So far, two of the project districts have completed their target number of board installation (20 boards in each district). This work has been given priority in other operational districts as well.

Financial situation: To date, this appeal is 43 per cent covered with contributions received totaling CHF 320,167 (USD 319,155 or EUR 242,926).

Contributors to this appeal include American Red Cross, Australian Red Cross, Hong Kong branch of the Red Cross Society of China, Japanese Red Cross, Monaco Red Cross and Spanish Red Cross.

On behalf of the Nepal Red Cross Society, IFRC would like to thank all partners and contributors for their response to this appeal.

The situation

The risk of diarrhoea outbreaks has increased with peak monsoons that caused heavy floods and landslides in several parts of the country. The disasters destroyed/contaminated drinking water sources and displaced people, hence increasing their vulnerability towards different diseases/illness like diarrhoea. Additionally, some communities remained isolated because of impassable roads due to landslides.

Over the past four weeks, the number of deaths has risen from 43 to 58, and so far over 3,621 cases have been officially reported nationwide across 25 districts, and among those worst affected are children and the elderly. Since there are many people not seeking treatment in health service centers, the actual number of cases across the country is feared to be higher. Four deaths have been reported in Gorkha district due to diarrhoea during last few weeks and further cases were recorded in Bankey, Jajarkot, Rukum, Rupendehi Lamjung and Myagdi districts during the reporting period.

The current casualties from diarrhoea is summarized in the table below:

S.N.	District	Number of deaths	Number of cases	Cases under hospital/health service centre treatment	Remarks
1	Accham*	2	N/A	N/A	Initially the reported deaths due to diarrhoea was 3, however, only 2 were verified.
2	Baitadi*	4	295	N/A	As of 3 August.
3	Bajhang*	4	29	N/A	
4	Bajura*	2	0	N/A	
5	Banke	12	1738+	N/A	6 more deaths due to diarrhoea were reported in Banke districts. Number of cases is on the rise.
6	Dadeldhura*	1	24	N/A	
7	Dailekh	3	28	N/A	
8	Dang	6	280	33	A total of 9 deaths were recorded by July and 2 more deaths recorded in the first week of August. To be noted that 5 out of 11 deaths were verified to be due to food poisoning. Therefore, the real number of recorded death due to diarrhoea is 6.
9	Dhading	0	15	N/A	
10	Doti	1	N/A	N/A	Increasing cases.
11	Jajarkot*	9	370	N/A	3 more deaths during the reporting period.
12	Khotang	1	56	N/A	Death was in July.
13	Mustang	0	47	NA	
14	Pyuthan	1	0	N/A	The death occurred on 16 July.
15	Rolpa	0	99	N/A	Reported from 2 VDCs, food poisoning.
16	Rukum*	3	209	N/A	2 deaths were before 8 August and 1 death was on 10 August.
17	Surkhet	0	42	N/A	'Several' cases reported in 2 wards.
18	Tanahu	1	27	N/A	
19	Arghakanchi	0	10	N/A	
20	Rupendehi	2	33		1 death occurred on 4 August and the other on 28 August
21	Sunsari	0	12	12	
22	Morang	0	161	161	
23	Gorkha	4	6	6	All deaths occurred on 4 August.
24	Lamjung	1	140	N/A	
25	Myagdi	1	NA	NA	Death occurred on 1 September.
Total		58	3621+	212+	

Sources: EDCD, NRCS district chapters, UNFCO

* NRCS Emergency Appeal Operational Districts: Achham, Baitadi Bajhang, Bajura, Dadeldhura, and Jajarkot, Rukum.

The communities in the operational VDCs have started to practise safe health and hygiene behavior. As a result, the number and severity of reported diarrhoea cases have reduced significantly in the operation districts.

Coordination and partnerships

Present efforts to reduce the risk of the potential diarrhoea outbreak is led by the government's EDCD and district disaster response committees together with the WASH cluster of which NRCS is member at central and district levels. With this appeal, NRCS has covered 70 most vulnerable VDCs of Achham, Baitadi Bajhang, Bajura, Dadeldhura, Jajarkot and Rukum districts in the mid- and far-western regions of the country.

NRCS has been attending coordination meetings organized by health, WASH, shelter and food clusters as well as government authorities such as ministry of health and population (MoHP), ministry of home affairs and DDRRC. The coordination meetings are held as needed at central and district levels to ensure joint planning, implementation, monitoring and information sharing among the stakeholders. NRCS volunteers together with government volunteers like female community health volunteers have been involved in social mobilization, active surveillance and awareness activities.

On 7 August, MoHP called a meeting to update current situation of diarrhoea among the partners. The meeting also formed a high-level committee with the chairmanship of the secretary for ministry of health to respond to disasters including potential diarrhoea outbreak throughout the country. The participants of the meeting were representatives from government organizations (ministry of home affairs, EDCD, ministry of health, and ministry of local development), National Health Research Council, NRCS, and other WASH cluster members. In the meeting, NRCS shared its experience of working in emergencies focusing on acute watery diarrhoea operation in 2009 and potential diarrhoea outbreak operation in 2010.

In Banke district, the district health office (DHO) called a health cluster meeting on 15 August to update the situation of diarrhoea throughout the district. It was also decided to promote diarrhoea prevention and control measures through communication campaigns at the meeting. As per the decision, the campaign was conducted in the affected areas by distributing chlorine solutions and disseminating water, sanitation and hygiene promotion messages. The participants of the campaigns were FCHVs, NRCS volunteers and representatives from Nepal Water Supply Corporation (NWSC), Water Supply and Sanitation Division Office (WSSDO), United Nations International Children's Emergency Fund (UNICEF) and its partners International Relief and Development (IRD) United Nations Educational, Scientific and Cultural Organisation (UNESCO)/RUSUF. NWSC chlorinated pumped water before distributing to the local population. Periodic checking of residual chlorine of delivered water is being done and reported to their respective headquarters and ministry. High dosage was identified as one of the issues. In order to check free residual chlorine levels, three digital chlorine meters were provided by UNICEF, through its field office in Nepalgunj to NWSC and other working partners. Finding campaign effective in preventing further outbreak through awareness activities and curative measures, the campaign has been extended to 15 days.

In Kanchanpur district, International Rural Development/Semantic Web for Earth and Environmental Terminology - SWEET (UNICEF's partner) distributed hygiene kit, blanket and water purification solutions to seven displaced families. Water supply and sanitation division (WSSDO) also sent their staff members with some chlorine solution to distribute to the affected families.

In Rukum and Bajhang districts, NRCS has been distributing Chlorine solution (e.g. Piyus) and ORS in coordination with drinking water division office (DWDO) and DHO to the communities affected by diarrhoea.

Similarly, UNICEF has launched a three-month-long awareness raising programmes in coordination with DWDO, OXFAM/IDES in the diarrhoea affected communities in Dadeldhura district. Likewise, resource mapping among the district level stakeholders also carried out with the joint efforts of the concerned stakeholders like DWDO, DHO, OXFAM/IDES and NRCS.

During the reporting period, NRCS developed a proposal of USD 74,838.71 for central emergency relief fund (CERF) to cover a funding gap of this operation and submitted to United Nations Secretariat, Geneva via UNICEF/UNHABITAT. However, the funding is yet to be confirmed.

Also during the reporting period, NRCS and IFRC continued coordination with the WASH cluster through exchange of information on planned activities, target village district committees and discussions over the standard approach for diarrhoea prevention in all districts. IFRC has also been active in sharing information with the multi-agency humanitarian country team, partner national societies and the International Committee of Red Cross (ICRC) about the progress of this appeal.

Red Cross and Red Crescent action

With this emergency appeal, NRCS has been focusing on the reduction of the immediate risk of a diarrhoea outbreak in the seven operational districts, as well as the long-term risk of waterborne diseases and in particular, to address the gaps, identified from the resource mapping undertaken by the government and the WASH cluster.

Following the baseline survey in all the selected VDCs (70 VDCs) of seven operation districts, NRCS has been conducting intensive WATSAN/HP campaigns including awareness-raising and information about treatment facilities through volunteer mobilization and providing diarrhoea prevention kits (soap, oral rehydration solution and chlorine solution/water guard) and other supplies like IEC materials at community level, support for toilet construction and animal shed management.

The coordinators trained on water, sanitation and hygiene promotion have been coordinating all the operation activities at district level. Similarly the volunteers have been creating awareness on water, sanitation and health in the communities through door-to-door visits, street drama, demonstration programmes, and health education programme.

As a result, fewer deaths and cases due to diarrhoea have occurred in the operation districts compared to last year. In addition, NRCS will be developing a longer-term five-year plan to ensure that vulnerable communities remain resilient to outbreaks in future. In the central level, NRCS disaster management department has been coordinating the operation in close coordination with health, humanitarian value and communication, and organisational development departments as well as drinking water and sanitation section.

Worthwhile to mention that NRCS headquarters has provided NPR 25,000 (approximately CHF 340) each to Dang and Doti district chapters to mobilize volunteers in creating WATSAN/HP awareness in the diarrhoea-prone areas. Similarly, NRCS has been involved other diarrhoea-affected districts through activities like supporting government, participating coordination meetings, mobilizing volunteers in need basis. In Doti district, NRCS distributed chlorine solution (Piyus), and conducted awareness campaign on sanitation, health and hygiene promotion in the community.

Progress towards objectives

Outcome: The risk of a diarrhoea outbreak is reduced in seven of the most vulnerable districts in the mid- and far-western region of Nepal, through support provided to 31,500 households (189,000 beneficiaries).

Expected result 1: Provision of safe drinking water, sanitation facilities, diarrhoea prevention kits and referral services to the most vulnerable communities and households in seven districts.

Activities planned	Achievements during the reporting period
<ul style="list-style-type: none"> Orientation and training for relevant district level staff and volunteers in WATSAN/HP epidemic control and rapid assessment and the mobilisation of 2,000 trained volunteers. 	<ul style="list-style-type: none"> Red Cross staff and volunteers trained on water, sanitation and hygiene are deployed in all the operation districts. Similarly, more than 1,700 Red Cross health volunteers are in field working for the operation.

<ul style="list-style-type: none"> • Procurement of 33,500 diarrhoea prevention kits¹ in accordance with the International Federation procurement procedures. • Immediate distribution of 31,500 diarrhoea prevention kits to identified households and repositioning of additional 2,000 diarrhoea kits in the mid- and far-western region warehouses for use in current and other potentially affected districts in the region. • Training for and deployment of the water and sanitation kit 2 from the zone logistics unit warehouse, to provide safe drinking water, sanitation and hygiene promotion to vulnerable households in selected village development committees. • 350 community orientation sessions to promote point of use water treatment options, specifically use of chlorine tablets, boiling and SODIS (solar treatment) during volunteer household visits. • Provision of support to 700 selected households to construct low cost latrines through maximum utilisation of local raw materials. • Provision of animal shed management support to 700 vulnerable households; 	<ul style="list-style-type: none"> • Procurement of diarrhoea prevention kits is ongoing. So far, 124,000 packets of ORS, 69,500 bottles of chlorine solution (water guard) and 100,000 pieces of hand washing soap have been procured. Additionally, 67,500 ORS packets and 1,000 sets of tee-shirts and caps have been processed for procurement. • Additional 67,500 oral rehydration solution packets have been dispatched to Bajura, Bajhang and Jajarkot (detail is given in the table below). The diarrhoea prevention kits are being distributed rapidly in all the VDCs of the operation districts. • Water and sanitation kit 2 arrived in Nepal from the regional logistics warehouse in Kuala Lumpur and a 2-day orientation was provided to 20 participants from NRCS headquarters and some districts. Since the diarrhoea prevention kits procured from this emergency appeal is sufficient for now, NRCS has planned to keep some Kit 2 materials for repositioning. However, some materials like chlorine solution/aqua-guard, which have short life span, will be distributed during this operation. • A series of community orientation sessions are ongoing in the operation districts to promote water treatment options, specifically use of chlorine, boiling and SODIS (solar treatment) in the communities. • NRCS national headquarters has already sent NPR NPR 245,000 (37,652 CHF) to the operational district chapters to support in construction of low cost latrines for the selected households. Latrine construction has been started in Rukum, where 22 latrines have already been constructed and other districts are engaged in preliminary work like selecting the vulnerable households for the support. • NRCS has commenced its support for animal shed management in Rukum district and is on the process in other operation districts. The support includes providing materials (cement, pipe/bamboo) for plastering floor and making outlets in animal sheds. The NRCS volunteers have been advocating the community people to dispose animal waste properly and keep their shed and surroundings clean.
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¹ Diarrhoea prevention kit includes: chlorine, hand washing soap, oral rehydration salts and bag for 1 household for 2 months. This is the standardized WASH cluster kit for Nepal.

Table1: Procurement update/status of diarrhoea prevention kits and other related material for the operation

S.N.	Particular	Procurement completed	Procurement on process	Remarks
1	ORS	124,000 packets	32000 packet	
2	Chlorine solution /water guard (bottles)	69,500 bottles of Chlorine solution (water guard)	-	
3	Soap	100,000 pieces	26,000 pieces	
4	Hygiene promotion kit	77 kits	-	
5	Tee shirt and cap	1,000 pieces each	1,000 pieces each	
6	Brochure	150,000	-	
7	Flex banner	150	-	

Table 2: Summary of different materials dispatched from national headquarters to operational districts

S. N.	District	Soap (pieces)	Chlorine solution /Water guard (bottles)	Tee-shirt and cap each(pieces)	Hygiene Promotion Kit (pieces)	Brochure	ORS
1.	Jajarkot	18,000	9,000	130/130	11	5,000	22,500
2.	Rukum	15,000	9,000	130	11	16,000	13,000
3.	Dadeldhura	9,000	9,000	130	11	16,000	13,000
4.	Baitadi	10,000	9,000	130	11	16,000	13,000
5.	Achham	15,000	9,000	130	11	16,000	13,000
6.	Bajura	18,000	9,000	130	11	5,000	22,500
7.	Bajhang	15,000	9,000	130	11	5,000	22,500
Total		100,000	63,000	910	77	79,000	119,500

Expected result 2: Improved hygiene practices through increased water, sanitation and hygiene awareness for 31,500 households in 70 village development committees.

Activities planned	Achievements during the reporting period
<ul style="list-style-type: none"> Practical orientation by volunteers to 31,500 households, to prepare ORS and chlorine solution and ensure proper use; Dissemination of daily WASH messages through FM radio in all seven districts; 	<ul style="list-style-type: none"> NRCS volunteers trained on water, sanitation and hygiene, have been demonstrating the correct way of preparing ORS in the vulnerable communities. To date, more than 230 such sessions have been completed in the seven operation districts reaching more than 1,000 people from more than 1,000 households (usually a person from a household participate in the practical orientation and he/she will teach other family members). Water, sanitation and hygiene related messages are aired regularly through the local FM of each operation district. In addition, the message has been broadcasted in the weekly Red Cross programme through ten other FMs in different

<ul style="list-style-type: none"> • Produce health education/information, IEC materials; • Conduct household visits by trained volunteers on hygiene awareness, water treatment and sanitation including distribution of diarrhoea prevention kits and IEC materials. • Initiation by volunteers of five community-organized drinking water source improvement campaigns in all 70 village development committees. • Volunteer-organized street drama events in all 70 village development committees. • Ten hand washing demonstrations and hygiene promotion in schools and communities in all 70 village development committees. • Volunteer-organized 'ignition participatory rural appraisal', to discourage open defecation in five village clusters in all 70 village development committees. • Procurement and distribution of brochures/pamphlets, hoardings and banners for awareness for 70 village development committees as well as 77 volunteer mobilizer support and visibility packs. 	<p>parts of the country reaching more than 150,000 people. Airing messages through FM stations has been an effective means in reaching more people at risk and creating awareness on the preventive and control measures of diarrhoea. In addition, a Red Cross programme was prepared focusing fully on potential diarrhoea out break (news/ feature) and aired through FM stations last week.</p> <ul style="list-style-type: none"> • A total of 150,000 brochures and 150 flex banners about health, hygiene and sanitation, and preventive measures of diarrhoea were produced. • More than 240 NRCS trained volunteers have been involved in door-to-door visits in each of the operation districts. They have been creating awareness on hygiene awareness, water treatment and sanitation including distribution of diarrhoea kits and IEC materials. • This activity has started in Rukum and Bajhang districts • NRCS volunteers and mobilizers have been creating awareness in health and hygiene through different street drama events in the operational districts. So far, more than 65 such events have been completed in the operational districts. • The NRCS volunteers and mobilizers have been conducting hand washing demonstrations and hygiene promotion sessions in schools and communities. To date, more than 200 such events have been completed in the operation districts. • Red Cross volunteers and mobilisers have organised 'ignition participatory rural appraisal' activity in the villages of Bajhang, Jajarkot and Rukum districts to discourage open defecation. This activity is on the process in other operation districts too. • Water, sanitation and hygiene related message is being displayed in the public places like market, schools through boards and other IEC materials like pamphlet and brochure in the operation districts. So far, two of the operation districts have completed the boardings (20 boards in each district) installation. The work is a priority in other operational districts also. Similarly hygiene promotion kits have been provided to 77 volunteer mobilizers and visibility packs (set of tee-shirt and cap) to 910 volunteers in the operation districts.
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Expected result 3: Strengthened capacity of NRCS for responding to public health emergencies and to undertake longer-term activities to improve the overall health condition of communities.

Activities planned	Achievements during the reporting period
<ul style="list-style-type: none"> • Training for relevant headquarter and district level staff and volunteers in water and sanitation national disaster response team and public health in emergencies. • Conduct baseline assessments in all seven districts with a view to developing a transition plan from short term response to a longer-term development approach, in consultation with other relevant stakeholders. • Strengthen community-based health and first aid activities to create a sustainable community approach through training of trainers/volunteers, and involvement of community leaders and members. • Ensure the implementation of a common approach to volunteer mobilisation, induction, support and recognition across all programmes that lead to strengthen branch volunteer base and volunteer management capacities for the future. 	<ul style="list-style-type: none"> • Planned to commence in November and December • A baseline survey has just been completed all in the seven districts. For this purpose, NRCS volunteers were oriented together with other local volunteers and mobilized door to door. • Originally, this activity was planned to start by July, however it has been postponed to November, subject to the adequate coverage of this appeal. • This has been developed throughout the operation and will be analysed towards the end of the operation.

Key challenges and constraints

The current low donor response to the appeal is most likely to affect the progress of the operation. A revised work plan has been developed to re-prioritize activities based on available funding, which will postpone some activities until further funding can be secured. Nevertheless, the International Federation and NRCS are continuing to treat this operation as an emergency, to prevent the further loss of life from diarrhoea in the identified districts and VDCs. During the reporting period, the donor response has reached to 47 per cent from 21 per cent, which can be taken as very positive progress in funding for the operation.

Besides this, the others challenges that NRCS has been facing in this operation are as follows:

1. Access to adequate authentic information on the current diarrhoea situation is challenging. The government has, so far, provided situation updates only during times of severe outbreak, making it difficult to access official numbers in different districts for monitoring purposes.
2. The majority of the communities reside in very remote areas with no internet connections, and/or fax machines available, and often mobile telecommunications coverage is poor. This delays the flow of information among the national headquarters, district chapters and communities thereby slowing down the operation.
3. Geographical remoteness is another challenge – the distance between one selected VDC to another VDC is almost a 3-day walk, making it more difficult following the onset of the monsoon. Nevertheless, the operation remains largely on track.

Communications – Advocacy and Public Information

During the reporting period, NRCS communication department prepared a Red Cross programme focusing fully on diarrhoea situation throughout the country and NRCS's response on it. The programme was broadcasted among approximately 150,000 people through 10 FM stations (Ujalo FM

Lalitpur, Nepalbani FM Ilam, Saptakoshi FM Sunkoshi, Kalika FM Chitwan, Radio Vehri Surkhet, Karnali FM Jumla, Suklafata FM Mahendranagar FM Kanchanpur, Radio Swaradwari Dang) from different strategic locations of the country. The voice of beneficiaries from different parts of country including the operation districts was also incorporated in the programme. Similarly, the department has been collecting information related to the diarrhoea situation throughout the country and providing information to stakeholders when required.

Likewise, the local FM stations have been broadcasting diarrhoea prevention and control measures including situation update regularly in each of the operation districts.

NRCS and IFRC have been attending different coordination meetings and seminars and updating the progress on operation among the stakeholders regularly.

Revised Plan of Action of the potential diarrhoea outbreak operation

Activities	May 2010		June 2010				July 2010				Aug 2010				Sep2010	Oct 2010	Nov2010	Dec 010	Jan 2011				Feb 2011		Remarks
	W3	W4	1	2	3	4	1	2	3	4	1	2	3	4					1	2	3	4	W1	W2	
Result 1: Provision of safe drinking water, sanitation facilities, diarrhoea prevention kits and referral services to the most vulnerable communities and households in seven districts.																									
Recruitment/appointment of headquarter operation team																									completed
Recruitment/appointment of 7 district WASH coordinators																									completed
Orientation for headquarters and seven district WASH coordinators																									completed
Recruit 70 WASH mobilizers in target districts																									completed
Identify/mobilize volunteers in districts/VDCs																									completed
Orientation for district WASH mobilizers and volunteers																									completed
Procurement of diarrhoea prevention kits - DPK (15,750 in May; 15,750 in July)																									completed
Deployment of WATSAN Kit 2																									
WATSAN Kit 2 training																									completed
3-day WASH training for district volunteers and coordinators																									completed
2-day WASH training sessions for WASH mobilizers																									completed
Beneficiary selection and registration for DPK																									Going on

How we work

All International Federation assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGOs) in Disaster Relief and is committed to the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The International Federation's activities are aligned with its Global Agenda, which sets out four broad goals to meet the Federation's mission to "improve the lives of vulnerable people by mobilizing the power of humanity".

Global Agenda Goals:

- Reduce the numbers of deaths, injuries and impact from disasters.
- Reduce the number of deaths, illnesses and impact from diseases and public health emergencies.
- Increase local community, civil society and Red Cross Red Crescent capacity to address the most urgent situations of vulnerability.
- Reduce intolerance, discrimination and social exclusion and promote respect for diversity and human dignity.

Contact information

For further information specifically related to this operation please contact:

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- Please send all funding pledges to zonerm.asiapacific@ifrc.org.
- For media enquiries: Patrick Fuller, acting zone communications manager, mobile: +6012 387 0829; email: patrick.fuller@ifrc.org

**<Updated donor response report attached below:
click here to return to the title page>**

International Federation of Red Cross and Red Crescent Societies

MDRNP004 - Nepal - Potential Diarrhoea Outbreak

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/5-2010/7
Budget Timeframe	2010/5-2011/2
Appeal	MDRNP004
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Response to Appeal

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	738,960					738,960
B. Opening Balance	0					0
Income						
<u>Cash contributions</u>						
<i>Australian Red Cross</i>	17,934					17,934
<i>Monaco Red Cross</i>	13,360					13,360
<i>Spanish Red Cross</i>	12,172					12,172
C1. Cash contributions	43,466					43,466
<u>Outstanding pledges (Revalued)</u>						
<i>American Red Cross</i>	52,301					52,301
<i>Japanese Red Cross</i>	24,400					24,400
C2. Outstanding pledges (Revalued)	76,701					76,701
<u>Other Income</u>						
<i>Voluntary Income</i>	200,000					200,000
C6. Other Income	200,000					200,000
C. Total Income = SUM(C1..C6)	320,167					320,167
D. Total Funding = B + C	320,167					320,167
Appeal Coverage	43%					43%

II. Balance of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	320,167					320,167
E. Expenditure	-205,330					-205,330
F. Closing Balance = (B + C + E)	114,837					114,837

International Federation of Red Cross and Red Crescent Societies

MDRNP004 - Nepal - Potential Diarrhoea Outbreak

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/5-2010/7
Budget Timeframe	2010/5-2011/2
Appeal	MDRNP004
Budget	APPEAL

All figures are in Swiss Francs (CHF)

III. Budget Analysis / Breakdown of Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A		B					A - B	
BUDGET (C)		738,960					738,960	
Supplies								
Construction Materials	11,669							11,669
Water & Sanitation	137,551	19,115				19,115		118,436
Medical & First Aid	181,911							181,911
Teaching Materials	55,194							55,194
Utensils & Tools		1,402				1,402		-1,402
Other Supplies & Services	5,835							5,835
Total Supplies	392,160	20,517				20,517		371,643
Land, vehicles & equipment								
Computers & Telecom	4,584							4,584
Total Land, vehicles & equipment	4,584							4,584
Transport & Storage								
Storage		69				69		-69
Distribution & Monitoring	14,503	3,401				3,401		11,102
Transport & Vehicle Costs	38,941							38,941
Total Transport & Storage	53,444	3,470				3,470		49,974
Personnel								
International Staff	32,256	20,701				20,701		11,555
National Staff	6,001							6,001
National Society Staff	64,363							64,363
Consultants	10,002							10,002
Total Personnel	112,623	20,701				20,701		91,921
Workshops & Training								
Workshops & Training	47,735							47,735
Total Workshops & Training	47,735							47,735
General Expenditure								
Travel	20,004	1,777				1,777		18,227
Information & Public Relation	3,001							3,001
Office Costs	20,254	520				520		19,735
Communications	13,578	50				50		13,528
Professional Fees	4,168							4,168
Financial Charges	2,100	1,804				1,804		296
Other General Expenses	20,209							20,209
Total General Expenditure	83,314	4,151				4,151		79,162
Contributions & Transfers								
Cash Transfers National Societies		142,771				142,771		-142,771
Total Contributions & Transfers		142,771				142,771		-142,771
Programme Support								
Program Support	45,101	12,532				12,532		32,569
Total Programme Support	45,101	12,532				12,532		32,569
Services								
Services & Recoveries		1,187				1,187		-1,187
Total Services		1,187				1,187		-1,187
TOTAL EXPENDITURE (D)	738,960	205,330				205,330		533,630
VARIANCE (C - D)		533,630				533,630		