

Gap Analysis
Of WASH Activities
In Flood Affected Union Councils
Punjab Province, Pakistan



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January 7, 2011

Table of Contents

Introduction	1
Methodology	1
Results.....	2
Aggregated Gaps in WASH Coverage by Union Council	3
Gaps in Hygiene Coverage by Union Council	4
Gaps in NFIs Coverage by Union Council	5
Gaps in Sanitation Coverage by Union Council	6
Gaps in Water Coverage by Union Council	7
Conclusions	8

Union Council Tables

D. G. Khan District

D. G. Khan Tehsil	1
Taunsa Tehsil.....	2

Mianwali District

Isahkel Tehsil.....	3
Mianwali Tehsil	4

Muzaffargarh District

Alipur Tehsil	5
Jatoi Tehsil	6
Kot Adu Tehsil	7
Muzaffargarh Tehsil	8

Rahim Yar Khan District

Khapur Tehsil	11
---------------------	----

Liaquatpur Tehsil.....	11
Rahim Yar Khan Tehsil	12
Sadiq Abad Tehsil	12
Rajanpur District	
Rajanpur Tehsil.....	13
Rojhan Tehsil.....	14

Index of Partner Activity by Union Council

Introduction

The purpose of this document is to provide a synoptic overview of the current state of WASH activities in the flood affected areas of Punjab Province with the finest degree of resolution available: the Union Council. The ideal report would have covered the seven severely affected districts identified in the NDMA Wash Strategy for Early Recovery document, but, unfortunately, there was no list of affected Union Councils available for Bhakkar or Leiah Districts at the time this analysis was done. Therefore, only the five districts of D. G. Khan, Mianwali, Muzaffargarh, Rahim Yar Khan, and Rajanpur are included. The intention here is to develop a baseline information framework, however imperfect, which can be employed by all of the stakeholders (Partners, Government, Donors, WASH Coordination, etc.) to structure their ongoing discussions concerning future WASH operational planning.

Methodology

The strategy followed in this analysis to combine two data sets concerning Union Councils to generate information about the places where there is a lack of WASH activities where there should be. The first data set is a list of Union Councils that have been identified as having been affected by the flood (flood affected Union Councils). The underlying assumption is that these are the places that WASH activities should be occurring.

The second data set is the portion of the 3W Matrix wherein the WASH Cluster partners report the Union Councils in which they are working and the type of activity in which they are engaged: hygiene, NFIs, sanitation , or Water. The assumption here is that these data represent the total extent of WASH activity in the flood affected districts.

These two data sets were combined to create the tables appended at the end of this document titled “Reported Wash Activities In Affected Unions Councils.” A table was created for each of the flood affected Tehsils (defined as Tehsils that contain flood affected Union Councils). These tables display both the flood affected Union Councils and the Union Councils where the partners are conducting activities.

The final step was to create the summary tables in the next section by examining the tables described above and summarizing the data into three numbers for each Tehsil:

- The total number of Union Councils in the Tehsil identified as flood affected by the DCOs
- The number of flood affected Union Councils in the Tehsil wherein partners are reporting WASH activities
- The number of Union Councils in the Tehsil wherein partners are reporting WASH activities, but which are not identified as flood affected by the DCOs.

These numbers form the first three data columns (labeled A, B, and C) next to the Tehsil names in the tables below.

The last column, labeled “GAP”, was calculated from the first two columns using the formula:

$$(1 - (\text{column B} / \text{column A})) \times 100$$

to arrive at the percentage of the flood affected Union Councils in the Tehsil that do not have any reported WASH activities. This exercise was repeated five times, once to determine the percentage of Union councils for which no WASH activities of any kind are reported, and once each for the percentage of Union Councils for which each of the four activities, hygiene, NFIs, sanitation, and water, is missing. These results are presented in the five tables below.

Results

The total number of Union Councils in the five districts that have been identified as flood affected is 162. The data in this analysis indicates WASH partner activity in 63 of these Union Councils. This means that 61% of the flood affected Union Councils have no reported WASH activities. In addition, WASH activities have been reported in 54 Union Councils that have not been identified as flood affected, which is a figure that is not much smaller than the number of Union Councils identified as flood affected where WASH activities are occurring.

Predictably, the figures representing the gaps in Union Council coverage by type of partner activity are larger than the overall figures because very few Union Councils have all four activities. These disaggregated figures are as follows:

- For Hygiene, 46 Union Councils have reported activities, for a gap of 72% and activities reported in 34 Union Councils that have not been identified as flood affected.
- For NFIs, 47 Union Councils have reported activities, for a gap of 71% and activities reported in 33 Union Councils that have not been identified as flood affected.
- For Sanitation, 15 Union Councils have reported activities, for a gap of 91% and activities reported in 9 Union Councils that have not been identified as flood affected.
- For Water, 36 Union Councils have reported activities, for a gap of 78% and activities reported in 22 Union Councils that have not been identified as flood affected.

The figures disaggregated by Tehsil are presented in the following five tables:

Aggregated Gaps in WASH Coverage by Union Council

Column A is the number of Union Councils Identified as flood affected

Column B is the number of flood affected Union Councils in which partners are reporting WASH activities

Column C is the number of Union Councils which are not identified as flood affected, but in which partners are reporting WASH activities

The column labeled GAP is the percentage of Union Councils identified as flood affected, but have no reported WASH activities

Location	A	B	C	GAP
D. G. Khan District				
D. G. Khan Tehsil	9	3	8	67%
Taunsa Tehsil	7	3	3	57%
Mianwali District				
Isahkel Tehsil	14	5	0	64%
Mianwali Tehsil	12	1	3	92%
Muzaffargarh District				
Alipur Tehsil	8	6	0	25%
Jatoi Tehsil	10	2	9	80%
Kot Adu Tehsil	26	10	6	62%
Muzaffargarh Tehsil	30	16	17	47%
Rahim Yar Khan District				
Khapur Tehsil	2	2	1	0%
Liaquatpur Tehsil	4	0	0	100%
Rahim Yar Khan Tehsil	6	1	0	83%
Sadiq Abad Tehsil	7	1	1	86%
Rajanpur District				
Rajanpur Tehsil	19	8	6	58%
Rojhan Tehsil	8	5	0	38%

Gaps in Hygiene Coverage by Union Council

Column A is the number of Union Councils Identified as flood affected

Column B is the number of flood affected Union Councils in which partners are reporting Hygiene activities

Column C is the number of Union Councils which are not identified as flood affected, but in which partners are reporting Hygiene activities

The column labeled GAP is the percentage of Union Councils identified as flood affected, but have no reported Hygiene activities

Location	A	B	C	GAP
D. G. Khan District				
D. G. Khan Tehsil	9	0	5	100%
Taunsa Tehsil	7	2	3	71%
Mianwali District				
Isahkel Tehsil	14	5	0	64%
Mianwali Tehsil	12	0	1	100%
Muzaffargarh District				
Alipur Tehsil	8	6	0	25%
Jatoi Tehsil	10	2	9	80%
Kot Adu Tehsil	26	6	2	77%
Muzaffargarh Tehsil	30	16	10	47%
Rahim Yar Khan District				
Khapur Tehsil	2	1	1	50%
Liaquatpur Tehsil	4	0	0	100%
Rahim Yar Khan Tehsil	6	0	0	100%
Sadiq Abad Tehsil	7	1	1	86%
Rajanpur District				
Rajanpur Tehsil	19	4	2	79%
Rojhan Tehsil	8	3	0	63%

Gaps in NFIs Coverage by Union Council

Column A is the number of Union Councils Identified as flood affected

Column B is the number of flood affected Union Councils in which partners are reporting NFIs activities

Column C is the number of Union Councils which are not identified as flood affected, but in which partners are reporting NFIs activities

The column labeled GAP is the percentage of Union Councils identified as flood affected, but have no reported NFIs activities

Location	A	B	C	GAP
D. G. Khan District				
D. G. Khan Tehsil	9	3	9	67%
Taunsa Tehsil	7	1	2	86%
Mianwali District				
Isahkel Tehsil	14	5	0	64%
Mianwali Tehsil	12	0	2	100%
Muzaffargarh District				
Alipur Tehsil	8	4	1	50%
Jatoi Tehsil	10	0	2	100%
Kot Adu Tehsil	26	9	5	65%
Muzaffargarh Tehsil	30	15	12	50%
Rahim Yar Khan District				
Khapur Tehsil	2	2	0	0%
Liaquatpur Tehsil	4	0	0	100%
Rahim Yar Khan Tehsil	6	1	0	83%
Sadiq Abad Tehsil	7	0	0	100%
Rajanpur District				
Rajanpur Tehsil	19	6	3	68%
Rojhan Tehsil	8	1	0	88%

Gaps in Sanitation Coverage by Union Council

Column A is the number of Union Councils Identified as flood affected

Column B is the number of flood affected Union Councils in which partners are reporting Sanitation activities

Column C is the number of Union Councils which are not identified as flood affected, but in which partners are reporting Sanitation activities

The column labeled GAP is the percentage of Union Councils identified as flood affected, but have no reported Sanitation activities

Location	A	B	C	GAP
D. G. Khan District				
D. G. Khan Tehsil	9	0	2	100%
Taunsa Tehsil	7	1	3	86%
Mianwali District				
Isahkel Tehsil	14	3	0	79%
Mianwali Tehsil	12	0	0	100%
Muzaffargarh District				
Alipur Tehsil	8	1	0	88%
Jatoi Tehsil	10	0	0	100%
Kot Adu Tehsil	26	1	0	96%
Muzaffargarh Tehsil	30	6	4	80%
Rahim Yar Khan District				
Khapur Tehsil	2	2	0	0%
Liaquatpur Tehsil	4	0	0	100%
Rahim Yar Khan Tehsil	6	0	0	100%
Sadiq Abad Tehsil	7	0	0	100%
Rajanpur District				
Rajanpur Tehsil	19	1	0	95%
Rojhan Tehsil	8	0	0	100%

Gaps in Water Coverage by Union Council

Column A is the number of Union Councils Identified as flood affected

Column B is the number of flood affected Union Councils in which partners are reporting Water activities

Column C is the number of Union Councils which are not identified as flood affected, but in which partners are reporting Water activities

The column labeled GAP is the percentage of Union Councils identified as flood affected, but have no reported Water activities

Location	A	B	C	GAP
D. G. Khan District				
D. G. Khan Tehsil	9	2	7	78%
Taunsa Tehsil	7	2	2	71%
Mianwali District				
Isahkel Tehsil	14	4	0	71%
Mianwali Tehsil	12	2	1	83%
Muzaffargarh District				
Alipur Tehsil	8	3	0	63%
Jatoi Tehsil	10	0	0	100%
Kot Adu Tehsil	26	5	2	81%
Muzaffargarh Tehsil	30	10	7	67%
Rahim Yar Khan District				
Khapur Tehsil	2	1	0	50%
Liaquatpur Tehsil	4	0	0	100%
Rahim Yar Khan Tehsil	6	0	0	100%
Sadiq Abad Tehsil	7	0	0	100%
Rajanpur District				
Rajanpur Tehsil	19	3	3	84%
Rojhan Tehsil	8	4	0	50%

Conclusions

Clearly there are significant gaps in the WASH coverage of flood affected Union Councils. This fact will come as no surprise to anybody who is familiar with the situation on the ground.

Equally clearly, however, there are significant problems with both the data used in this analysis and the methodology that was employed to conduct it. Before one uses the information contained in this document for any reason they must give appropriate consideration to these shortcomings.

Starting with the flood affected Union Council data, the following points must be given consideration:

- The absence of data from Bhakkar and Leiah Districts is a serious limitation in developing a complete picture of the situation.
- Data concerning flood affected Union Councils originated from multiple sources, and there is little information available regarding the methods by which it was generated, its consistency or its reliability. The two sources of this data were the lists collected by the Child Protection IMO from the DCOs (Mianwali, Muzaffargarh, Rahim Yar Khan, and Rajanpur), and the Punjab Humanitarian Assessment Priorities by UC (D. G. Khan). A high priority must be placed on developing baseline data of this nature at a centralized location that can be accessed by all stakeholders. The existing situation wherein individual stakeholders are independently collecting data, while essential for short term, emergency purposes, inevitably leads to the creation of the kind of multiple, incompatible data sets that have been so problematic in this current document. PDMA, NDMA, Pakistan Census Organization and OCHA are the appropriate organizations for developing this kind of baseline data, and all of them are working on it, but it is still not available to the stakeholders.
- Union Council names are spelled very differently on different lists. For most Tehsils I had at least five lists of UC names and frequently found three different spellings of names that I concluded referred to the same place. Often the decision as to which spelling to use was quite arbitrary, as I had no authoritative reference. Again, OCHA is developing the p-coded shape files that will provide the foundation for a solution for this issue, but even after this authoritative baseline data set becomes available there will be a massive quantity of work involved in correlating the existing tabular data sets to it. Significant resources will be required to accomplish this task.

Turning to the 3W data, we find:

- The data is cumulative, and without a temporal dimension. There is no indication if the activity is ongoing or if it was finished long ago. While data about the timing of activities is available in the 3W database, the partners have not received clear guidelines on how this data is to be reported. If one examines these time data it is clear that they are not reported in a consistent manner, if they are reported at all. It would be very difficult to use these data in their current

state, and an effort should be made to improve the partner's ability to provide consistent and meaningful information.

- There are many activities reported in Union Councils that are not identified as flood affected.

This could be the result of several factors, among others are the following:

- Activities could involve beneficiaries from flood affected UCs
- The UC may actually be flood affected and not so identified
- The activity could be inappropriate
- The report of the activity could be in error

An effort needs to be made to explain the reason this is so.

- Many errors in the partners 3W reporting were discovered in the course of this analysis. Large numbers of UCs were reported in the wrong Tehsil. Multiple spellings of the same UC were common. Multiple UCs were combined in the same record. A large number of these errors were discovered and corrected in the master 3w database in Islamabad, but, undoubtedly, many more remain uncorrected. Once the authoritative list of Union Councils, discussed above, becomes available there will be a common reference for all stakeholders to use, and the incidence of this type of error should decrease. Partners should pay particular attention to the tables and the Index of their activities which are appended below to verify that the data used in this analysis correctly reflects their activities. The 3W database is entirely dependent on the data that the partners supply. There is no other source.
- Closely related to the previous point is an issue that arises from the 3W data collection process. Data is submitted by the partners, is collated at the hub, and passed in to Islamabad. It is very much a one way process. Very few information products that emerge from the system are designed to meet the needs of the partners. The partners, therefore, have little opportunity to discover errors in the data or, for that matter, little interest in making the effort to do so. It would be very useful if the system could be used to more frequently produce outputs of interest to the people who supply the data.
- There is much uncertainty related to the partner activity reported in the 3W matrix. Some partners have completed their activities and are no longer working, but this analysis shows the UC where they reported as covered. Additionally, there is no indication in the 3W data as to the future plans of the partners, so there is uncertainty as to how long coverage for UCs will continue.
- Partners reported activities in UCs that are not on any of the lists that were in my possession. These names are shaded grey in the UC tables below, and partners are encouraged to investigate their validity and report the source of these anomalies.

Finally, concerning the methodology, we find:

- The flood affected designation is uni-dimensional: a UC either is or is not flood affected in this analysis. There is no nuance in this parameter of the methodology, and a UC that is lightly affected is treated the same as a UC that is totally destroyed. It should be noted that the tables describing some of the UCs have more data associated with them than others. But, in general,

there is not enough data available at this point to make the necessary evaluations. Collection of this kind of data must be a major focus of the effort to move forward.

- The techniques used to perform this analysis are “brute force,” and not amenable to automation. As a result, this is likely to be a one of a kind report, rather than a living tool for repetitive update, monitoring and coordination. While this example provides a possible template for the kind of information needed, the way forward requires a major system development effort based on authoritative standardized data. The basis of this system will be the UC shape files that are being developed by OCHA, and it is clear that the best analytic tools for this type system will be GIS. The difficult part of the system development will be the effort required to p-code the tabular data discussed in the previous point. This point is especially relevant in light of the advent of the Single Reporting Format (SRF). This is a critical moment in the system development effort because the indicators for monitoring the WASH activities in the SRF are about to be defined. These definitions must be derived in a holistic manner, starting with a top-down analysis of the entire system, as described in this point. It would be a serious error to establish these parameters in the same piecemeal fashion that the indicators for the 3W seem to have evolved.

By examining the difficulties discussed above, this document lays a foundation for generating the discussion necessary for developing the type of information system needed for improving the coordination of WASH activities. This is an invitation for all of the stakeholders to participate in the discussion.

Reported WASH Activities in Flood Affected Union Councils of D. G. Khan Tehsil, D. G. Khan District, Punjab Province

Notes:

1) Flood affected Union Councils were identified in the Humanitarian Assessment Priorities worksheet produced by OCHA. Population figures were derived by multiplying the number of households by 8. Partner activities were derived from the December 27, 2010 3W matrix.

2) Union Councils without numbers were not identified as flood affected.

Union Council	Population	Hygiene	NFIs	Sanitation	Water	Partner
Bahadar Garh	32,352					
Chabri	30,840		X			Al-Asar Development organization
Choti Zareen	40,632					
Churhata			X			SDIPK
Darahama			X			Youth Front Pakistan
		X			X	Save The Children
					X	Al-Asar Development organization
Darkhast Jamal	42,352					
Ghouseabad			X		X	Al-Asar Development organization
			X		X	Save The Children
			X		X	Youth Front Pakistan
			X		X	SDIPK
Gadai	37,104					
Haji Ghazi			X		X	Al-Asar Development organization
			X			Youth Front Pakistan
		X			X	Save The Children
Hajizai.			X			SDIPK
Jakhar Imam Shah			X		X	Al-Asar Development organization
			X	X	X	Youth Front Pakistan
		X	X			Save The Children
Jhok Utra		X			X	Save The Children
			X		X	Youth Front Pakistan
Kot Haibat	33,800					
Mana Ahmadani			X		X	Youth Front Pakistan
		X		X		Save The Children
Mahmori	39,920					
Samina			X		X	Al-Asar Development organization
			X			Youth Front Pakistan
Wadoor	32,120		X		X	Al-Asar Development organization
Yaroo	36,920		X		X	Al-Asar Development organization

Reported WASH Activities in Flood Affected Union Councils of Taunsa Tehsil, D. G. Khan District, Punjab Province

Notes:

1) Flood affected Union Councils were identified in the Humanitarian Assessment Priorities worksheet produced by OCHA. Population figures were derived by multiplying the number of households by 8. Partner activities were derived from the December 27, 2010 3W matrix.

2) Union Councils without numbers were not identified as flood affected.

Union Council	Population	Hygiene	NFIs	Sanitation	Water	Partner
Fateh Khan	38,984	X			X	FRD
Jallowali	33,000					
Lakhani	35,968					
Mangrotha	NA		X			Doaba Foundation
More Jhangi		X	X			Doaba Foundation
		X	X		X	FRD
Nari		X				Doaba Foundation
		X	X		X	FRD
Sokar	37,976					
Taunsa Urban		X	X			Doaba Foundation
Tibi Qaisrani	31,880	X			X	FRD
Vehoa	37,704					

Reported WASH Activities in Flood Affected Union Councils of Isakhel Tehsil, Mianwali District, Punjab Province

Notes:

1) Flood affected Union Councils were identified by the Mianwali DCO as reported to the Child Protection IMO. The affected population was estimated by the Mianwali DCO. Partner activities were derived from the December 27, 2010 3W matrix.

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Chapri	20,677					
Isakhel	28,889	X	X		X	Hayat Foundation
		X	X		X	Muslim Aid
Kala Bagh	13,500	X	X	X		Hayat Foundation
			X		X	Muslim Aid
Kaloor Sharif	28,634					
Khaglan Wala	28,428	X				Muslim Aid
			X			NCHD
Kot Chandana	12,955					
Qamar Moshani	12,612					
Qamar Moshani Packa	16,088					
Sultan Khel	20,363					
Tabi Sar Khel	22,462	X	X		X	Muslim Aid
		X	X	X	X	Hayat Foundation
Tani Khel	14,464					
Tola Bangi Khel	16,365					
Trag	28,870	X	X	X		Hayat Foundation
		X			X	Muslim Aid
Wanjari	26,307					

Reported WASH Activities in Flood Affected Union Councils of Mianwali Tehsil, Mianwali District, Punjab Province

Notes:

1) Flood affected Union Councils were identified by the Mianwali DCO as reported to the Child Protection IMO. The affected population was estimated by the Mianwali DCO. Partner activities were derived from the December 27, 2010 3W matrix.

2) Union Councils without numbers were not identified by the DCO as flood affected.

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Daud Khel Rural	1,953					
Dher Umaid Ali Shah	20,163				X	NCHD
Kamarmshani			X			Muslim Aid
Kot Balian Utran Kalan			X			NCHD
Mari	2,038				X	Hayat Foundation
Moch	20,575					
Moosa Khil		X	X		X	Hayat Foundation
Pai Khel	17,705					
Qureshian	17,465					
Rokhri	15,788					
Sawans	12,754					
Shabaz Khel	10,733					
Miana Mohalla	4,073					
Watta Khel	2,009					
Yaro Khel	2,111					

Reported WASH Activities in Flood Affected Union Councils of Alipur Tehsil, Muzaffargarh District, Punjab Province

Notes:

1) Flood affected Union Councils and percent damage were identified by the Muzaffargarh DCO as reported to OCHA. The population and Affected Population is provided by the DCO. Partner activities were derived from the December 20, 2010 3W

2) Union Councils without numbers were not identified by the DCO as flood affected.

Union Council	Population	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Bait Mulan Wali	38,426	15,370	X				Bunyard Foundation
Khair Pur Sadaat	32,742	1,637					
Khan Garh Dooma	36,118	36,118	X				AIMS Organization
				X			Awaz Foundation CDS
				X	X	X	Response International & Implementing Partner Sanjh Foundation
Langer Wah	33,292	33,292	X				AIMS Organization
				X			Awaz Foundation CDS
			X				Bunyard Foundation
						X	Response International & Implementing Partner Sanjh Foundation
Mad Wala	31,307	1,565	X				Bunyard Foundation
			X	X			Doaba Foundation
Murad Pur Janobi	30,957	18,574					
Seet Pur	40,819		X				AIMS Organization
			X	X			Bunyard Foundation
Sultan Pur	35,388	31,849	X				AIMS Organization
			X	X			Bunyard Foundation
			X	X			World Vision International
						X	Response International & Implementing Partner Sanjh Foundation

Reported WASH Activities in Flood Affected Union Councils of Jatoi Tehsil, Muzaffargarh District, Punjab Province

Notes:

1) Flood affected Union Councils and percent damage were identified by the Muzaffargarh DCO as reported to the Child Protection IMO. The population is taken from Pakistan census data, and the affected population was calculated by multiplying population by percent damage. Partner activities were derived from the December 20, 2010 3W matrix.

2) Union Councils without numbers were not identified by the DCO as flood affected.

3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Population	Affected Population	% Damage	Hygiene	NFIs	Sanitation	Water	Partner
Bair Band				X				Bunyard Foundation
Bait Mir Hazar Khan	32,610	3,261	10%	X				World Vision International
Bait Mulan Wali				X				Bunyard Foundation
Bkaini	23,491	8,222	35%	X				AIMS Organization
Binda Ishaq				X				AIMS Organization
				X				Bunyard Foundation
Haky Wala	83,133	24,940	30%					
Ibrahimwali				X	X			Doaba Foundation
Jatoi Northern				X				Bunyard Foundation
Jhugi Wala				X				AIMS Organization
Jhularein				X				Bunyard Foundation
Khairpur Sadat	24,167	14,500	60%					
Khandgarh Gruman	23,849	19,795	83%					
Langarwah	29,617	17,770	60%					
Ljad Wala	13,400	670	5%					
Meer Hazaar Khan				X				AIMS Organization
Muradpur Janubi	29,287	29,287	100%					
Shehar Sultan				X				Bunyard Foundation
				X	X			AIMS Organization
Sultanpur	32,520	16,260	50%					
Tatdwala	22,487	6,746	30%					

**Reported WASH Activities in Flood Affected Union Councils of Kot Adu Tehsil,
Muzaffargarh District, Punjab Province**

Notes:

1) Flood affected Union Councils and percent damage were identified by the Muzaffargarh DCO as reported to the Child Protection IMO. The population is taken from Pakistan census data, and the affected population was calculated by multiplying population by percent damage. Partner activities were derived from the December 13, 2010 3W matrix.

2) Union Councils without numbers were not identified by the DCO as flood affected.

3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Population	Affected Population	% Damage	Hygiene	NFIs	Sanitation	Water	Partner
Ahsan Pur	25,383	15,230	60%					
Alorid	29,202	26,282	90%	X	X			Doaba Foundation
Bat Qasim Wala	23,772	23,772	100%		X		X	SDIPK
Budh	31,733	28,560	90%	X	X			Hayat Foundation Save The Children
Chak Farazi	24,710	4,942	20%					
Chok Sarwar Shaheed				X	X			Doaba Foundation
Dira Din Panah	27,029	27,029	100%		X		X	SDIPK
Doggar Kalan Sarah	31,154	31,154	100%					
Ehsan Pur					X		X	SDIPK
Ghazi Ghat	29,630	29,630	100%	X	X		X	NICCO
Gujrat	26,156	23,540	90%					
Hinjrai	28,847	28,847	100%	X	X	X	X	UN-HABITAT
					X			CESVI
					X		X	SDIPK
Kashif Abad	28,047	25,242	90%					
Kot Adu					X			Doaba Foundation
Lutkaran				X				Doaba Foundation
Kot Adu City 1	29,323	28,737	98%					
Kot Adu City 2	31,096	7,774	25%					
Kot Adu City 3	30,757	27,681	90%					
Mehmood Kot	26,672	26,672	100%	X	X			Doaba Foundation
					X		X	World Vision International
							X	Hayat Foundation
Minpur Bhgal	34,700	3,470	10%					
Murad Abad	30,612	7,653	25%					
Patal Kot Adu	26,750	26,750	100%					
Pati Ghulam Ali	31,013	31,013	100%		X			Doaba Foundation
Pattal					X			CESVI
Pattal Hanjai				X	X		X	CESVI
Rang Pur	28,460	5,692	20%					
Sanah	30,039	30,039	100%					
Shadi Khan Lunda	28,600	25,740	90%					
Sheikh Umar	26,796	26,796	100%					
Snanwa	27,084	27,084	100%	X				Doaba Foundation
Thatha Gormanani	29,816	29,816	100%					
Wander	33,405	6,681	20%	X	X			Doaba Foundation

Reported WASH Activities in Flood Affected Union Councils of Muzaffargarh Tehsil, Muzaffargarh District, Punjab Province

Notes:

1) Flood affected Union Councils and percent damage were identified by the Muzaffargarh DCO as reported to the Child Protection IMO. The population is taken from Pakistan census data, and the affected population was calculated by multiplying population by percent damage. Partner activities were derived from the December 13,

2) Union Councils without numbers were not identified by the DCO as flood affected.

3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Population	Affected Population	% Damage	Hygiene	NFIs	Sanitation	Water	Partner
Ahmed Mohana	28,167	25,350	90%	X	X	X		Hayat Foundation
Baga Sher					X			Doaba Foundation
Bandah Ishhaq	30,960	3,096	10%					
Barheem wala					X			Hayat Foundation
Bartend	28,900	2,890	10%					
Baseera	29,956	23,965	80%	X	X	X	X	Hayat Foundation
				X	X		X	Islamic Relief
				X	X			Doaba Foundation
Basti Khark	37,929	32,240	85%					
Chak Faarazi				X				Doaba Foundation
Dane					X		X	Hayat Foundation
Darain	36,364	27,273	75%					
Dasti Wala				X				AIMS Organization
Dira Din Panna				X	X	X	X	Hayat Foundation
Ganga	23,503	7,051	30%		X			Islamic Relief
Garawain	30,620	1,531	5%	X	X	X	X	Hayat Foundation
				X				AIMS Organization
Ghazanfargarh	33,047	33,047	100%				X	CCHD
				X	X			Islamic Relief
							X	NCHD
				X	X		X	Hayat Foundation
Gull Wala	27,259	24,533	90%	X	X		X	Doaba Foundation
Ibrahim Wali	26,340	2,634	10%		X			Islamic Relief

**Reported WASH Activities in Flood Affected Union Councils of Muzaffargarh Tehsil,
Muzaffargarh District, Punjab Province (continued)**

Union Council	Population	Affected Population	% Damage	Hygiene	NFIs	Sanitation	Water	Partner
Jagatpur	32,920	3,292	10%	X	X		X	Doaba Foundation
Jhgi Wala	24,050	2,405	10%					
KD Qureshi	29,466	23,573	80%					
Khan Pur Janubi				X	X	X	X	Hayat Foundation
Khangarh	25,783	10,313	40%					
Kharak					X			Doaba Foundation
Kot Addu					X			Doaba Foundation
Lutakaran				X				Doaba Foundation
							X	NCHD
Manakpur	25,015	5,003	20%					
Manka Bhata	302,444	302,444	100%	X	X			Hayat Foundation
				X				CCHD
				X	X	X	X	Hayat Foundation
Marha Sharqi	28,230	2,823	10%	X	X			Doaba Foundation
Muzaffargarh City 3				X	X	X	X	Hayat Foundation
Mondka				X				Doaba Foundation
Multan				X	X			Doaba Foundation
Navian Wali	26,700	16,020	60%					
Nawab Pur				X	X		X	Islamic Relief
Nohan Wali				X				World Vision International
				X				Doaba Foundation
				X	X	X	X	Hayat Foundation
Pati Ghulam ali				X	X			Doaba Foundation
Qasba Gujrat						X		Hayat Foundation
Rampur	27,763	8,329	30%	X				AIMS Organization

**Reported WASH Activities in Flood Affected Union Councils of Muzaffargarh Tehsil,
Muzaffargarh District, Punjab Province (continued)**

Union Council	Population	Affected Population	% Damage	Hygiene	NFIs	Sanitation	Water	Partner
Rohillan Wali	24,258	9,703	40%	X				CCHD
				X	X	X	X	Hayat Foundation
				X	X		X	Doaba Foundation
Sanawan				X	X	X	X	Hayat Foundation
Shah Jamal	28,693	22,954	80%	X	X			Doaba Foundation
				X	X			Hayat Foundation
Sharif Chajrah	25,405	15,243	60%					
Sher Sultan	34,044	8,511	25%					
Talairi	29,555	5,911	20%	X				CCHD
Thatha Qureshi	28,930	2,893	10%	X				CCHD
Umarpur Janubi	20,847	18,762	90%	X	X	X		Hayat Foundation
				X	X			Doaba Foundation
				X	X			Islamic Relief
Usman Koria	33,963	25,472	75%	X	X		X	Islamic Relief
Utraa Sandila	24,560	7,368	30%					
Wan Patafi	27,548	24,793	90%				X	Islamic Relief
				X				CCHD
				X	X			WHO

Reported WASH Activities in Flood Affected Union Councils of Khanpur Tehsil, Rahim Yar Khan, Punjab Province

Notes:

1) Flood affected Union Councils were identified by the Rahim Yar Khan DCO as reported to the Child Protection IMO. The affected population was estimated by the Rahim Yar Khan DCO. Partner activities were derived from the December 27, 2010 3W matrix.

2) Union Councils without numbers were not identified by the DCO as flood affected.

3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Chachran Sharif	19,160	X				AIMS Organization
			X	X	X	Relief international
Qadir Pur	8,559		X	X		Relief international
Said Pur		X				AIMS Organization

Reported WASH Activities in Flood Affected Union Councils of Liaquatpur Tehsil, Rahim Yar Khan, Punjab Province

Notes:

1) Flood affected Union Councils were identified by the Rahim Yar Khan DCO as reported to the Child Protection IMO. The affected population was estimated by the Rahim Yar Khan DCO. Partner activities were derived from the December 27, 2010 3W matrix.

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Ahmad Ali Lar	22,020					
Dufli Kabir Khan	27,957					
Gul Muhammad Langah	18,453					
Jhok Ghulab Shah	12,660					

Reported WASH Activities in Flood Affected Union Councils of Rahim Yar Khan Tehsil , Rahim Yar Khan, Punjab Province

Notes:

1) Flood affected Union Councils were identified by the Rahim Yar Khan DCO as reported to the Child Protection IMO. The affected population was estimated by the Rahim Yar Khan DCO. Partner activities were derived from the December 27, 2010 3W matrix.

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Rajanpur	6,149		X			Interfaith League Against Poverty
Abadpur	16,944					
Shahpur	11,121					
Hajipur	10,528					
Thul Khair Muhammad	8,759					
Kot Karam Khan	13,860					

Reported WASH Activities in Flood Affected Union Councils of Sadiq Abad Tehsil, Rahim Yar Khan, Punjab Province

Notes:

- 1) Flood affected Union Councils were identified by the Rahim Yar Khan DCO as reported to the Child
- 2) Union Councils without numbers were not identified by the DCO as flood affected.
- 3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Bhong	29,822	X				Interfaith League Against Poverty
Chak 264/P	21,800					
Dhandi	8,747					
Kot Sanjar Khan	14,419					
Machka	55,916					
Malik Ibrahim		X				Interfaith League Against Poverty
Mohib Shah	39,284					
Nawazabad	23,677					

Reported WASH Activities in Flood Affected Union Councils of Rajanpur Tehsil, Rajanpur District, Punjab Province

Notes:

1) Flood affected Union Councils and the affected population were identified by the Rajanpur DCO as reported to the Child Protection IMO. The population is taken from Pakistan census data. Partner activities were derived from the December 27, 2010 3W matrix.

2) Union Councils without numbers were not identified by the DCO as flood affected.

3) Union Councils with gray backgrounds do not appear on any official Union Council lists

Union Council	Population	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Allah Abad	24,225	9,958			X	X	Save The Children
Basti Rindan	29,375	10,153		X			TIPU Foundation Pakistan
Bukhara	24,910	8,455					
Burray Wala	26,808	9,084					
Dajal	24,469	12,128		X			SDIPK
Hajipur	24,043	3,639					
Harrand	24,634	8,321	X				Save The Children
Jampur No.1 (Eastern)	25,699	9,121					
Jampur No.2 (Western)	26,817	11,135					
Jam Pur Gharbi			X			X	Save The Children
Jampur Sharqi			X				Awaz Foundation CDS
			X				Caritas
				X		X	TIPU Foundation Pakistan
Kothabit				X		X	SDIPK
Kot Tahir	27,848	7,283					
Kotla Deewan	25,981	24,021	X	X			Qatar Charity
Kotla Mughlan	32,744	12,015	X	X		X	Muslim Aid
						X	NCHD
			X				Save The Children
Mohammad Pur Dewan						X	Save The Children
Muhammadpur	28,715	14,358		X			TIPU Foundation Pakistan
Noorpur Manjhu wala	21,222	9,855					
Noshehera	23,403	8,184					
Shikar Pur			X				Save The Children
Tal Shumali	21,145	9,915					
Tatar Wala	26,762	12,086	X				Qatar Charity
				X		X	TIPU Foundation Pakistan
			X				Save The Children
Tibbi Lundan	22,619	14,113					
UC-3.				X			SDIPK
Wah Leshari	23,604	15,244					

Reported WASH Activities in Flood Affected Union Councils of Rojhan Tehsil, Rajanpur District, Punjab Province

Notes:

1) Flood affected Union Councils and the affected population were identified by the Rajanpur DCO as reported to the Child Protection IMO. The population is taken from Pakistan census data. Partner activities were derived from the December 27, 2010 3W matrix.

Union Council	Population	Affected Population	Hygiene	NFIs	Sanitation	Water	Partner
Kacha Mianwali	25,628	10,502					
Meeranpur	22,240	10,016	X			X	Save The Children
Rojhan	27,867	10,721				X	NCHD
				X			Save The Children
Rojhan Sharqi	23,847	7,462	X				Save The Children
Sabzani	20,803	8,631				X	Save The Children
Shah Wali	29,895	9,645					
Soan Miani	32,593	6,074					
Umerkot	25,690	8,983	X			X	Save The Children

Index of Partner Activity by Union Council

ADRA

Muzaffargarh

Kot Addu Tehsil

Alurid

Qasba Gujrat

Sanawan

Thatta Gurmani

Muzaffargarh Tehsil

Ahmed mohana

Jattoi

Kharak

Nohan wale

Shah Jamal

Usman Korla

AIMS Organization

Muzaffargarh

Alipur Tehsil

Khan Garh Doma

Langar Wah

Seet Pur

Sultan Pur

Jatoi Tehsil

Bakaini

Binda Ishaq

Jhugi Wala

Meer Hazaar Khan

Shehr Sultan

Muzaffargarh Tehsil

Ganga

Ghazanfergarh

Rohillan Wali

Rahim Yar Khan

Khanpur Tehsil

Chachran Sharif

Said Pur

Al-Asar Development organization

D. G. Khan

Dera Ghazi Khan Tehsil

Chabri

Drama

Ghoosabadd

Haji Ghazi

Jakhar Imam Shah

Sameena

Wadoor

Yaroo

Index of Partner Activity by Union Council

Association for Gender Awareness & Human Empowerment (AGAHE)

Rajanpur

Rajanpur Tehsil

Jahan Pur

Mithan Kot

Sahan wala

Shikar Pur

Sikhani Wala

Awaz Foundation CDS

Muzaffargarh

Alipur Tehsil

Khangrah

Langar Wah

Rajanpur

Jampur Tehsil

Jampur Sharqi

Bunyard Foundation

Muzaffargarh

Alipur Tehsil

Mud Wala

Bait Mulan Wali

Langar Wah

Mud Wala

Seet Pur

Sultan Pur

Jatoi Tehsil

Bair Band

Bair Band

Bait Mulan Wali

Binda Ishaq

Jatoi Northern

Jhularein

Shehar Sultan

Caritas

Rajanpur

Jampur Tehsil

Jampur Sharqi

CESVI

Muzaffargarh

Kot Addu Tehsil

Hinjrai

Pattal

Pattal Hanjai

Index of Partner Activity by Union Council

Citizens' Commission for Human Development (CCHD)

Muzaffargarh

Muzaffargarh Tehsil

Ghazanfergarh

Manka Woata

Rohillan Wali

Umar Pur Janaobi

Doaba Foundation

D. G. Khan

Taunsa Tehsil

Mangrotha

More Jhangi

Nari

Taunsa Urban

Tibi Quasrani

Muzaffargarh

Alipur Tehsil

Mud Wala

Jatoi Tehsil

Ibrahimwali

Kot Addu Tehsil

Alu Rid

Chok Sarwar Shaheed

Kot Adu

Mehmood Kot

Mehmood Kot

Pati Ghulam ali

Sinawan

Wandar

Muzaffargarh Tehsil

Baga Sher

Baseera

Chak Faarazi

Dasti Wala

Ibrahimwali

Jagat Pur

Jagat Pur, Basira, Shah Jamal

Khan Pur Baga Sher

Khan Pur Janubi

Lutakaran

Muzaffargarh City 3

Nawab pur

Pati Ghulam ali

Rang Pur

Shah Jamal

Taliri

Thatha Quershi

Umer pur janubi

Index of Partner Activity by Union Council

FRD

D. G. Khan

Taunsa Tehsil

Fateh Khan

More Jhangi

Nari

Tibi Qaisrani

Hayat Foundation

Mianwali

Isakhel Tehsil

Isakhel

Kala Bagh

Tabi Sar

Trag

Mianwali Tehsil

Mari

Moosa Khel

Muzaffargarh

Kot Addu Tehsil

Budh

Mehmood Kot

Muzaffargarh Tehsil

Ahmed mohana

Barheem Wala

Baseera

Baseera

Dane

Dira Din Panna

Gary vain

Ghazanfergarh

Kharak

Kot Addu

Manka bhutta

Manka Bhutta

Mondka

Multan

Nohan wale

Qasba Gujrat

Rohallan Wale

Sanawan

Shah Jamal

Umer pur

Umer pur

Usman Korla

Index of Partner Activity by Union Council

Interfaith League Against Poverty

Rahim Yar Khan

Rahim Yar Khan Tehsil

Rajanpur Kalan

Sadiqabad Tehsil

Bhong

Malik Ibrahim

Islamic Relief-Pakistan

Muzaffargarh

Muzaffargarh Tehsil

Baseera

Geeray Wahan

Gul Wala

Jagat Pur

Nohan Wali

Wahan Patafi

Wan Pataffi

Wan Pitafi

Muslim Aid

Mianwali

Isakhel Tehsil

Isakhel

Kala Bagh

Khaglan Wala

Tabi Sar

Tarag

Trag

Mianwali Tehsil

Kamarmshani

Rajanpur

Jampur Tehsil

Kotla Mughlan

Index of Partner Activity by Union Council

NCHD

Mianwali

- Isakhel Tehsil
 - Khaglan Wala
- Mianwali Tehsil
 - Dher Umeed Ali Shah
 - Kot Balian Utran Kalan

Muzaffargarh

- Kot Addu Tehsil
 - Mehmood Kot
- Muzaffargarh Tehsil
 - Gul Wala

Rahim Yar Khan

- Rahim Yar Khan Tehsil

Rajanpur

- Jampur Tehsil
 - Kotla Mughlan
- Rajanpur Tehsil
 - Sikhani Wala
- Rojhan Tehsil
 - Rojhan City

Nippon International Cooperation for Community Development (NICCO)

Muzaffargarh

- Kot Addu Tehsil
 - Ghazi Ghaat

Qatar Charity

Rajanpur

- Jampur Tehsil
 - Kotla Dewan
 - Tatar Wala
- Rajanpur Tehsil
 - Noorpur Machi Wala
 - Wang

Relief international

Rahim Yar Khan

- Khanpur Tehsil
 - Chachran Sharif
 - Qadir Pur

Response International & Implementing Partner Sanjh Foundation

Muzaffargarh

- Alipur Tehsil
 - Khangarh Doma
 - Langarwah
 - Sultan Pur

Index of Partner Activity by Union Council

Save The Children

D. G. Khan

Dera Ghazi Khan Tehsil

Darhama

Ghos Abad

Haji Ghazi

Jhakar Imam Shah

Jhok Utra

Mana Ahmadani

Muzaffargarh

Kot Addu Tehsil

Alored

Budh

Muzaffargarh Tehsil

Alored

Baseera

Qasba Gurat

Rajanpur

Jampur Tehsil

Allah Abad

Harrand

Jam Pur Gharbi

Kotla Mughlan

Mohammad Pur Dewan

Shikar Pur

Tatar Wala

Rajanpur Tehsil

Fazal Shah

Jahan Pur

Kot Mithan

Kotla Hussain

Murghai

Rakh Fazil Pur

Wang

Rojhan Tehsil

Meran Pur

Rojhan City

Rojhan Sharqi

Sabzani

Umer Kot

Index of Partner Activity by Union Council

SDIPK

D. G. Khan

Dera Ghazi Khan Tehsil

Churhata

Ghouseabad

Hajizai.

Muzaffargarh

Kot Addu Tehsil

Bait Qaim Wala

Daira Din Panah

Ehsan Pur

Hanjrai

Rajanpur

Jampur Tehsil

Dajal

Kothabit

UC-3.

TIPU Foundation Pakistan

Rajanpur

Jampur Tehsil

Basti Rindan

Jampur Sharqi

Muhammad Pur

Tatar Wala

UN-HABITAT

Muzaffargarh

Kot Addu Tehsil

Hinjarai

World Vision International

Muzaffargarh

Alipur Tehsil

Sultan Pur

Jatoi Tehsil

Bait Meer Hazar

Kot Addu Tehsil

Mehmood Kot

Muzaffargarh Tehsil

Nohan Wali

Youth Front Pakistan

D. G. Khan

Dera Ghazi Khan Tehsil

Darahama

Ghous Abad

Haji Ghazi

Jakhar Imam Shah

Jhok Utra

Mana Ahmadani

Samina