

# DISTRICT DISASTER MANAGEMENT PLAN 2018

Division: Lahore  
District: Sheikhpura



IDP Camp in 2009



Earthquake



Floods in 2014



Fire incident at Lahori Gate, Lahore – Jan 2016

Prepared by:

Approved by:



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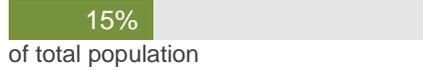
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## XX

Estimated number of people at risk of **floods** in 2017



of total population

Risk: Medium

## XX

Estimated number of people at risk of Hill Torrent in 2016



of total population

Risk: Low

## XX

Estimated number of people at risk of earthquake in 2017



of total population

Risk: Medium

## XX

Estimated number of people at risk of epidemic in 2017



of total population

Risk: Low

## EXECUTIVE SUMMARY

Sheikhupura is situated at a distance of about 36 Km from Lahore, the provincial headquarters. Sheikhupura lies 31°42'51.16" North latitude and 73°59'3.49" East longitude.

District Sheikhupura is an area vulnerable to main menace of intensive rain & flooded water bodies. Floods normally hit the district during the monsoon season starting from early June to late August while overflow of river Ravi has been historically the principal cause of flood in this district.

However, with the construction of Dams by India on the River Ravi in the 1990s and subsequent decrease in its flow levels, flood threat to the district has been minimal in recent years. The main threats are the overflow of water channels and Nullahs within the district (Main Nullah Deg, Niki Nullah Deg, Nullah Bhed and Nullah Laila).

As Sheikhupura is an industrial city and also having one of the big Machike oil Depot situated at Sargodha Road, so it is inevitable to avoid industrial accidents, in this view an action plan for the prevention of the industrial accidents through strict hindrance to safety measures and relocation of hazardous industries from residential areas is underway by the industries commerce & investment Department.

According to board of revenue, Punjab, Disaster Management Department / PDMA earthquake jolts data also reveals that epicenters also reported in central Punjab near Nankana Sahib the adjacent City of Sheikhupura. Taking the safety measures comprehensive campaign for the survey of dangerous buildings has been launched.

The plan classifies small, medium and large scale disasters to articulate the corresponding response. The plan integrates the standard operation procedures (SOP's) of various provincial govt departments and district govt, and proposes a consistent approach for reporting damages, needs and relief assessment.

The plan has been designed on the risk management standards engaging the philosophy of a multi agencies and multi structure approach to risk minimization. The plan identifies the risk environment for the district Sheikhupura and outlines the key institutional and programing components relative to effective risk management and emergency response and recovery.

The plan is dynamic document which may be extended in the future to incorporate any additional risk treatment options as they are identified through formal risk analysis.

## AIM AND OBJECTIVES

The plan is aimed to manage emergencies by putting in place requisite mitigation measures and a well-coordinated and integrated response at district level.

The main objectives of the plan include:

- To develop a plan of action for the District Disaster Management Authority and other district stakeholders to set priorities and provide directions for disaster management;
- To define the roles of various stakeholders in disaster management in all the phases pre, during and after disaster;
- To raise awareness of stakeholders about disaster risks and the requirements for disaster management;
- To introduce coordination mechanism for immediate response and rehabilitation at district level;
- To enhance the effectiveness and timeliness of emergency response through the clarification of goals, strategies, roles and responsibilities;
- To strengthen response coordination between government departments and humanitarian organizations (UN agencies, I/NGOs);

# DISTRICT PROFILE

## Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population	3585546
2.	No. of Tehsils	5
3.	No. of UCs	112
4.	No. of Revenue Estates	678
5.	Population Density (people per km <sup>2</sup> )	557
6.	Family Size	7
7.	Pop Growth Rate	2.70
8.	PCI	
9.	District GDP/Annual Income	
10.	Poverty Rate	15.48%
11.	Patient/Doctor Ratio	1000:1
12.	AMR	8.6%
13.	IMR	57.48%
14.	MMR	260/ILC
15.	Literacy Rate	65%
16.	Global Acute Malnutrition (GAM) rate	17.5%
17.	Severe Acute Malnutrition (SAM) rate	11.5%
18.	Percentage of population having access to clean drinking water	25%
19.	Annual Crime	12243

### Population

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
3585546	1700835		1781701		103010 (Blind, Deaf, Mute, Crippled insane, mentally retarded, multiple disability others)

Source/Note: Click here to enter text.

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks& Morter)
453248	124974	328274

### Area (in acres)

Total Area of District in Km <sup>2</sup>	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
919621	789399	774541	109689

### Literacy Rate

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
65%	71%	52%	77%	69%	73%	59%

Source/Note: Education Department

## Government Schools

		Schools	Enrollment
Total/ Overall		1,293	327,868
Boys	Primary	547	106,243
	Middle	86	35,380
	High	78	21,993
Girls	Primary	385	105,595
	Middle	133	33,553
	High	71	19,937
Co-Education	Primary	0	0
	Middle	0	0
	High	0	0
Special Education		7	1104

## Private Schools

		Schools	Enrollment
Total/ Overall		1,026	
Boys	Primary	24	8,592
	Middle	593	101,858
	High	180	46,619
Girls	Primary	0	0
	Middle	68	12,882
	High	171	49,679
Co-Education	Primary	0	0
	Middle	0	0
	High	0	0
Special Education			

## Higher/Technical/Professional Education (Public &amp; Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	50	1	1	4	7	57
No of Students	24172	1300	179	1218	1260	25432

## Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	94	5		99	198
Annual OPDs	1638396	1471151			3109447
No of beds	228	970			1198
Doctors Available	65	136			201
Paramedical staff	352	77			429
Ambulances available	12	19			31
Mobile Medical Units					

**Livestock:** Small Animals (goats, sheep etc.): 271,090 Big Animals (cows, buffalos, camel etc.) 821,253

## Main source of livelihood of the community?(in percentage)

Agriculture	Livestock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skilled Labor	Unskilled Daily Labor	General Labor
65%	15%	3%	1%	%	5%	%	83227	29129	68226	97355

## Disaster History - Floods (since 1970)

S#	Year	No. of people affected	No. of deaths	No. of Revenue Estates affected	Houses Damaged (Partially)	Houses Damaged (Fully)	Compensation Paid (Rs.)	Financial Impact (including infrastructure damaged)
1	1973							
2	1976							
3	1988							
4	1997							
5	2013			6				
6	2014		1	16		1	1600000	
7								

8								
9								
10								
11								
12								

**Disaster History – Other disasters (since 1970)**

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

**General Information**

Particulars	Detail																																																																	
Neighboring districts and their vulnerabilities	District Sheikhupura is bounded on the South by Faisalabad, the North by Gujranwala and Hafizabad districts, on the North-East by Narowal district, South-West by Nankana Sahib district, on the East by Lahore district. The neighboring Districts are vulnerable in respect of flood and terrorist attack.																																																																	
Topographical Features																																																																		
Weather/Climate pattern	<p>e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc.</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Max.</th> <th>Min.</th> <th>Rainfall (mm)</th> <th>(Data based on average of 05 years) (No unusual feature in weather/ climate pattern)</th> </tr> </thead> <tbody> <tr><td>Jan</td><td>21.4</td><td>04</td><td>20</td><td></td></tr> <tr><td>Feb</td><td>27.5</td><td>05.8</td><td>28</td><td></td></tr> <tr><td>March</td><td>33.5</td><td>08.5</td><td>25</td><td></td></tr> <tr><td>April</td><td>39</td><td>16</td><td>04</td><td></td></tr> <tr><td>May</td><td>43.5</td><td>19.8</td><td>10</td><td></td></tr> <tr><td>June</td><td>44</td><td>21.5</td><td>15</td><td></td></tr> <tr><td>July</td><td>41</td><td>23.7</td><td>70</td><td></td></tr> <tr><td>August</td><td>37.5</td><td>23</td><td>80</td><td></td></tr> <tr><td>September</td><td>38.7</td><td>21</td><td>40</td><td></td></tr> <tr><td>October</td><td>37.4</td><td>15.5</td><td>03</td><td></td></tr> <tr><td>November</td><td>28.8</td><td>06</td><td>01</td><td></td></tr> <tr><td>December</td><td>25</td><td>04.3</td><td>05</td><td></td></tr> </tbody> </table>	Month	Max.	Min.	Rainfall (mm)	(Data based on average of 05 years) (No unusual feature in weather/ climate pattern)	Jan	21.4	04	20		Feb	27.5	05.8	28		March	33.5	08.5	25		April	39	16	04		May	43.5	19.8	10		June	44	21.5	15		July	41	23.7	70		August	37.5	23	80		September	38.7	21	40		October	37.4	15.5	03		November	28.8	06	01		December	25	04.3	05	
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Major Rivers	<p>Name of river, passing through areas along with length in the district</p> <p>Major Barrages and their Flood levels</p> <p>River Ravi (87 KM Approx) passing through Jajja Gill, Bryar Kohna, Longwala, Old Jandyala, Kala Khatai, Goal, Ravi Siphon, Jabbo, Shahdra, Saggian, Faizpur, Bhadru, Bukanpura, Bohewala, Sharaqpur, Fatowala.</p>																																																																	
Major Nullahs / Streams	<p>Names along with length in the district</p> <p>Flood levels</p>																																																																	

	Upper Chanab Canal, BRB Canal, MR Link Canal, Nullah Hussry RD 0+000- 116+426 (23.29 mile) discharge 4435 Cs falls in District Gujranwala, Deg Nullah RD 0+000-183+900 936.78 miles) discharge 15320 Cs Muridke – Narowal to outfall (DDC Channel), Bhaid Nullah R.D 0=0000-261+000 (52.20 mile) discharge 1777 Cs, Laila Nullah R.D 0+000-114+000 (22.80 mile) discharge 300 Cs, falls in District Sheikhupura and Nikki Deg Drain R.D 0+000-233+278 (46.66 mile) R.D 0+000-149+578 (29.92 mile) discharge 8102 Cs falls in District Sheikhupura and R.D 149+578-233+278(16.74 mile) falls in District Gujranwala Jaranwala Drain, Marh Drain
Motorway/Highway	Vulnerable points of motorway/highway Motorway M2 at Khanqah Dogran Motorway M2at Muridke Kot Ranjeet
Railways	Vulnerable points of Railway Safdarabad Railway Station to Lahore Faisalabad Section Sheikhupura to Nankana Track, Sheikhupura to Sargodha track
Geological features	e.g. fault line, mountainous areas etc. There is no fault line and mountain area in Sheikhupura

**Dams (including small dams)**

Name of Dam	Location	GPS Coordinates	Capacity	High Flood Level	Critical Points, if any	Remarks
		X: Y:				
		X: Y:				

**Major Embankments/Bunds**

Name of Embankment	Length (km)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/ vulnerable Points	GPS Location of Critical/ Vulnerable Points	Remarks
Upper Chanab Canal	200	Gujrat	Sultanpur Tehsil Sharaqpur, Sheikhupura	Village Noorpur	X:74.074770 Y:31.423532	
Bhownewal Bund	10	Village Ghazipur	Village Khokharan Da warra Sharaqpur		X:74.091845 Y:31.429107	
Farooqabad Flood Embankment	5.18	Village Jhamke	Village Muridke	R.D114-115 Village Nokhar	X:73..825981 Y: 31.758133	Satisfactory Condition
Sheikhupura Flod Embankment	4.15	Lhr/Skp Road	Jandiala Road	RD 80-81 DDC Bund	X:73.922412 Y: 31.818622	Constructed Metalled Road on Bank
DDC Bund	27.32	Khanpur Ferozewala	Noorpur Arrian Sharaqpur	RD 80-81 DDC Bund	X:74.080774 Y:31.42166	Satisfactory Condition

**Breaching Section**

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population			Likely Affected Revenue Estate	Remarks
			Male	Female	Children		
Upper Chanab Canal	Village Noorpur	X: Y: X:	2000	1000	600	3	
		X:					

		Y:					

**Power Houses/Grid Station/Oil Depot/other sensitive installations**

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Sheikhupura	132-KV	X:73.9698 Y: 31.682	Muridke	132-KV	X: 74.25 Y: 31.79
Joyianwala Hydral Power House	66-KV	X: 74.1134 Y: 317967	Ittehad Chemical	132-KV	X:74.2562 Y: 31.7641
Ayesha	132-KV	X:74.0368 Y: 31.7012	Narang	132-KV	X:74.51 Y: 31.90
Industrial Baig Pur	132-KV	X:74.0433 Y:31.8281	Sharaqpur	132-KV	X:74.0243 Y:31.6561
Sharaqpur road SkP	132-KV	X:74.0705 Y:31.4553	Bhiki Power Plant	1230MW	
Atta Abad	132-KV	X:74.0855 Y:31.6813			
Blessed SkP	132-KV	X:73.855 Y:31.6			
ICI Public SkP	132-KV	X:74.043 Y:31.6957			
BhikhiSkp	132-KV	X:73.855003 Y:31.600083			
Farooqabad	132-KV	X:73.8242 Y:31.7505			
Khanqah Dogran	132-KV	X:73.6313 Y:31.8256			
Kala Shah Kaku	220/L132-KV	X:74.2639 Y:31.7412			
Shamke	132-KV	X:74.2697 Y:31.7061			
Saba Power Station Machike		X:73.8744 Y:31.7328			
Total Parco Oil Depot		N 31.7322 E73.8799			
Shell Oil Depot		N31.7335 E73.8900			
Attock Oil Depot		N 31.733 E73.8781			
Hascol Oil Depot		N31.732 E73.8817			
Admore Oil Depot		N31.736 E.73.8736			
PARCO Diesel Depot		N31.735 E73.8800			

**Airport / Landing Strips**

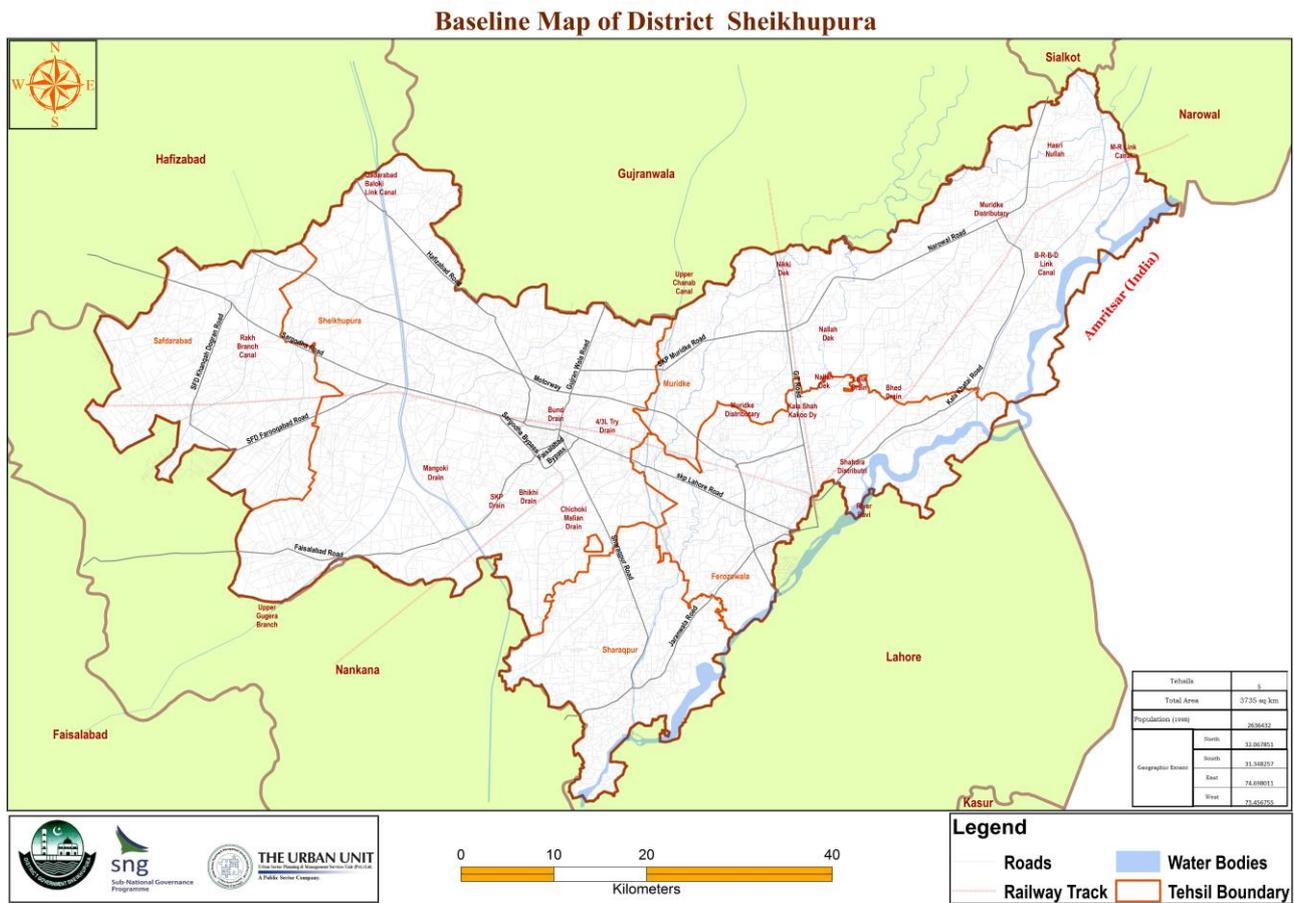
Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
Helipad	Jamia High School	X:73.975788			X:

		Y: 31.720367			Y:
Helipad	Manawala Food Godown	X:73.691613 Y: 31.578995			X: Y:
Helipad	Farooqabad PC	X:73.825981 Y: 31.758133			X: Y:
Helipad	Jandiala Govt. School	X:73.922412 Y: 31.818622			X: Y:

**Govt. storage facilities/warehouses in the district**

Facility Type	Capacity	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
Foods Godowns Muridke	500 Tons	Y: 31.79 X: 74.26	Food Godowns Narang	500 Tons	Y: 31.90 X: 74.51
Govt. House type Godown Safdarabad	Standar 4000M.T Operational 5500M.T	X:73.573789 Y: 31.728051	Govt. House Type Godown Khanqah Dogran	Standar 22500M.T Operational 30000M.T	X:73.580977 Y: 31.846980
Guest House Babakwal		X:74.365370 Y: 31.700950			X: Y:
Wandala Dyal Shah		X: 74.269433 Y: 31.632692			

District baseline/reference map



Source: District Government IT Section

Sheikhupura is an industrial city of "The Rice Valley" of Subcontinent and capital of Sheikhupura District in the province of Punjab about 40 km northwest of Lahore in Pakistan. It is the 16th largest city of Pakistan.

**Elevation:** 236 m

**Area:** 5,960 km<sup>2</sup>

**Weather:** 32°C, Wind W at 10 km/h, 24% Humidity

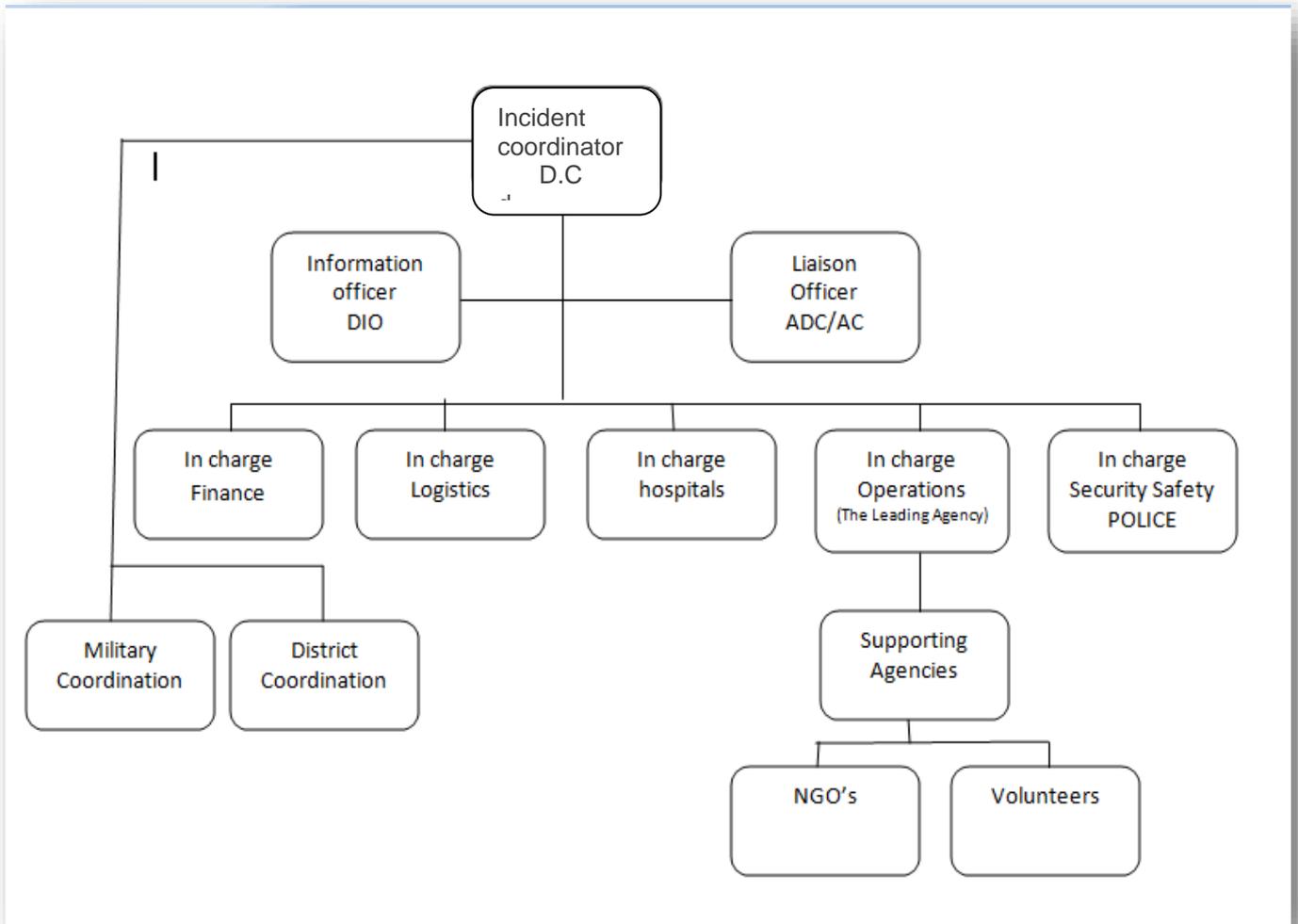
**Province:** Punjab, Pakistan

**Local time:** Friday 2:29 PM

**Population:** 3.321 million (1998)

# COORDINATION MECHANISM

Coordination Organogram (including Sector lead agencies/departments, Military, NGOs and Volunteers)



**Powers and functions of District Disaster Management Authority under NDM Act 2010:**

The District Authority shall be as the district planning, coordinating and implementing body for disaster management and take all measures for the purposes of disaster management in the district in accordance with the guidelines laid down by the National Authority and the Provincial Authority.

Without prejudice to the generality of the foregoing provisions, the District Authority may:

- a) prepare a disaster management plan including district response plan for the district;
- b) coordinate and monitor the implementation of the National Policy, Provincial Policy, National plan, Provincial Plan and District Plan;
- c) ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the Government at the district level as well as by the local authorities;
- d) ensure that the guidelines for prevention, mitigation, preparedness and response measures as laid down by the National Authority and the Provincial Authority are followed by all departments of the Government at the district level and the local authorities in the district;
- e) give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary;
- f) lay down guidelines for preparation of disaster management plans by the departments of the Government at the districts level and local authorities in the district;
- g) monitor the implementation of disaster management plans prepared by the departments of the Government at the district level;
- h) lay down guidelines to be followed by the departments of the Government at the district level;
- i) organize and coordinate specialized training programmes for different levels of officers, employees and voluntary rescue workers in the district;
- j) facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organizations;
- k) set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
- l) prepare, review and update district level response plan and guidelines;
- m) coordinate with, and give guidelines to, local authorities in the district to ensure that pre-disaster and post-disaster management activities in the district are carried out promptly and effectively;
- n) review development plans prepared by the departments of the Government at the district level, statutory authorities or local authorities with a view to make necessary provisions therein for prevention of disaster or mitigation;
- o) identify buildings and places which could, in the event of disaster situation be used as relief centres or camps and make arrangements for water supply and sanitation in such buildings or places;
- p) establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
- q) provide information to the Provincial Authority relating to different aspects of disaster management;
- r) encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grass root level in the district for disaster management.
- s) ensure communication systems are in order and disaster management drills are carried out periodically; and
- t) perform such other functions as the Provincial Government or Provincial Authority may assign to it or as it deems necessary for disaster management in the district.

**District Plan:**

- a) There shall be a plan for disaster management for every district of the Province.
- b) The District Plan shall be prepared by the District Authority having regard to the National Plan and the Provincial Plan.
- c) The District Plan shall be reviewed and updated annually.

**Additional Powers of District Authority:**

For the purpose of assisting, protecting or providing relief to the community, in response to any disaster, the District Authority may:

- a) give directions for the release and use of resources available with any department of the Government and the local authority in the district;
- b) control and restrict vehicular traffic to, from and within, the vulnerable or affected areas;
- c) control and restrict entry of any person into, his movement within and departure from, a vulnerable or affected area;
- d) remove debris, conduct search and carry out rescue operations;
- e) provide shelter, food, drinking water and essential provisions, healthcare and services;
- f) establish emergency communication system in the affected area;
- g) make arrangements for the disposal of the unclaimed dead bodies;
- h) direct any department of the Government of the Province or any authority or body under the Government at the district level to take such measures as are necessary in its opinion;
- i) require experts and consultants in the relevant fields to advise and assist as it may deem necessary;
- j) procure exclusive preferential use of amenities from any authority or person;
- k) construct temporary bridges or other necessary structures and demolish structures which may be hazardous to public or aggravate the effects of the disaster;
- l) ensure that the non-governmental organizations carry out their activities in an equitable and non-discriminatory manner; and
- m) take such other steps as may be required or warranted to be taken in such a situation.

**Revenue Department (Functions and Responsibilities)**

In case of any disaster or calamity the head of the revenue department in the district i.e. the Deputy Commissioner should ensure that the following measures and steps have been taken:

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.

- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of casualties, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defence and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

#### Checklist for Revenue Department:

- Survey of entire District (Preparation of Village level information by Patwari)
- Identification of Low lying, medium and high: vulnerability levels with flood level
- Liaison of Patwari with Numberdars of their respective villages
- Contacts of all revenue staff posted near river belts and their output in floodprone areas
- List of Numberdars with their contacts, volunteer from low lying settlements with contact numbers
- Prepare list of vulnerable villages and make an estimate of likely affected population in such villages in the event of flood
- Name and contact numbers of private boat owners and operators Announcement of Flood Warning at settlement level – Patwari responsible Forced evacuation with police
- Rapid assessment for relief goods and ration provision Coordination and reporting
- Carry out survey of entire flood affected areas to assess losses in collaboration with Agriculture, Livestock and Education Department
- Conduct crop damaged/ house damaged surveys

#### Municipal Committees

- MCs play an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.
- MCs will provide assistance to the District Government for setting up and management of relief camps/ operations.
- Chairmen MCs are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- MCs are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- MCs sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- MCs employ de-watering sets to remove excess water. All Chairmen of MCs are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Chairmen of Municipalities maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.

- ChairmenMunicipalities should ensure supply of clean drinking in overhead reservoirs and ensure supply to the affected areas or relief camps through water bowsers. Clean drinking water is a major issue and requirement during any disaster.
- In case of any disaster that requires people to be relocated, the ChairmenMunicipalities under the concerned ADC(R)/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local Municipalities manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

### District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DC. The office of the DC fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Municipalities and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the ChairmenMunicipalities.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue department. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc.
- The tactical operations would be headed by the Additional Deputy Commissioner (Rev). The ADC(R) would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government had notified the following composition of DDMA's for whole of the province:
  - i. **Deputy Commissioner (Chairperson)**
  - ii. District Police Officer
  - iii. Additional Deputy Commissioner (Rev)
  - iv. Two Elected Representatives to be nominated by the Chair
  - v. Representative of Pak Army
  - vi. Two Representatives of NGOs/Civil Society to be nominated by the Chair
  - vii. Additional Deputy Commissioner (Gen)
  - viii. Additional Deputy Commissioner (Finance)
  - ix. Executive Engineer (Highway)
  - x. Executive Engineer (Building)
  - xi. Chief Executive Officer (Health)
  - xii. Chief Executive Officer (Education)

- xiii. Deputy Director (Social Welfare)
- xiv. SP Special Branch
- xv. XEN Irrigation / Public Health
- xvi. District officer Civil Defense
- xvii. Chairmen Municipalities
- xviii. All Chief Officer of MCs in the District
- xix. District Emergency Officer, Rescue 1122 (Secretary)
- xx. Representative of Red Crescent
- xxi. Such other District level Officers to be appointed by District Government

- District Governments must establish a Disaster / Flood control room at the DC's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Chief Executive Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- Deputy Director Agriculture (Extension) and DO Livestock would arrange fodder and feed supplement for livestock and animals displaced.
- District Regional Transport Authorities (DRTA) in all 36 districts of Punjab are managed by Secretaries who would coordinate with local transporters to arrange for arranging transport required for evacuation of people from affected areas. In case of shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

#### Role of Rescue 1122 in districts during disaster

- The immediate evacuation of people from the disaster prone and vulnerable areas.
- Provision of immediate medical aid during any emergency and at the same time transporting the injured or sick to the nearby hospital through their team of ambulances.
- In flood situations rescuing people from drowning in the strong currents is a specialty of 1122 as it has its own set of divers and boats. Similarly in case of collapsed buildings or structures the 1122 is equipped with heavy machinery to cut through heavy debris.
- Apart from that responsible deployment of fire fighters, cordoning of hazardous areas, provision of first aid and medical treatment, immediate search and rescue of victims and management of the pre-hospital emergency system.
- Rescue 1122 is well trained in setting up medical camps for provision of emergency medical treatment. These camps are setup by Rescue 1122's doctors and paramedic staff.

#### Pre-disaster Check list for DDMA

- Meeting of DDMA held
- Identification of vulnerable areas
- Identification of Safe places
- Preparation of contingency plan
- Bunds and encroachments visited
- Sites identified for relief camps Evacuation routes/plan

- Safe custody of Government records and essential equipment and their shifting to safer areas on receipt of flood warning
- Enlistment of department wise available resources
- Preparation of list of required relief goods/ items
- Involvement of Volunteers, NGOs and other CSOs
- Designation of Focal Person
- Preparation of District vulnerability map with varying degrees of floods
- Evacuation well in time from vulnerable areas
- Establishment of Camps – All services under one roof
- Flood warning and weather forecast: Loudspeakers announcements
- Establishment of control rooms
- Cancellation of all type of leaves of all employees Designation of Focal Persons
- Assignment of duties and responsibilities of all officers for flood emergency
- Preparation of Telephone Directories with the cell numbers of all the members of DDMA's and volunteers
- No leave during flood days; No official will leave station

### **Disaster Emergency Control Room (functions and responsibilities)**

A Disaster Emergency Control Room working around the clock during the emergency will be established in the IT Lab of the Deputy Commissioner Sheikhupura for effective coordination among the different departments & agencies.

The functions and responsibilities of the Disaster Emergency Control Room is as under

- (i) The control room is the center in terms of disaster management.
- (ii) To monitor, coordinate and implement the actions for disaster management.
- (iii) Periodic check to ensure that all warnings, communication systems and instruments are in working condition.
- (iv) To receive reports on the preparedness of the district level departments and the resources at their disposal to arrange and meet their requirements.
- (v) To maintain an inventory of all resources.
- (vi) To give warning signals as per the need of the hour.
- (vii) To collect and transmit information concerning natural calamities and relief at all levels.
- (viii) To make arrangements for dissemination of information to all vulnerable places.
- (ix) To brief the media of the situations and furnish the day-to-day reports to the State Disaster Management Committee during disasters.
- (x) To report the ground situation and the action taken by the District Administration accordingly.

**Checklist for Control Room:**

- Dedicated Staff as per magnitude of the disaster
- Duty roaster of the staff
- 2 Dedicated telephone lines
- Dedicated Fax
- Wireless
- Internet and Email or any other source of communication
- Power backup

**Checklist for Relief Camp Incharge:**

- List of staff displayed with name and department teams will work in shifts
- Presence of representatives of all service providers i.e. Health, livestock, Rescue 1122, Civil Defence etc.
- No movement without the permission of Centre Incharge
- Each shift in-charge to contact District Control Room on arrival and then on departure
- In-charge will keep close liaison with SHO of the respective area
- No of affectees in camp (sick, aged and children) shall be communicated daily
- Availability of at least one emergency vehicle at center be ensured
- Keep record of private boat owners and their contacts details
- List of Doctors and private hospital in the vicinity
- List and contact of philanthropists in the vicinity
- Keeping record of donations coming directly to Centre and report the same to Tehsil and District Incharge.
- Centre Incharge shall ensure vaccination of animals and humans against Communicable diseases
- List of missing persons must be displayed at all Relief Camps

**Role of Health Department**

The public sector health delivery system comprises of four tiers and as such will continue to provide services at these four tiers during and after any disaster:

Outreach and Community Based Activities, which focus on immunization, sanitation, malaria control, maternal and child health, and family planning. Primary care facilities include BHUs, RHCs. THQs and DHQs provide inpatient and outpatient care. Tertiary care hospitals located in the major cities for more specialized care.

In case of any disaster or calamity the health department will ensure that the following measures are in place;

- To provide first aid to the injured people and arrange evacuation of patients for further assistance.
- Medical camps and mobile health teams should be arranged for prevention and control of communicable diseases, immunization and provision of essential drugs.
- Health department would make a roster of all medical officers and paramedics that would be deployed to these camps and teams.
- Drugs and other medical equipment should be available at all these camps and with mobile teams. The medicine should be for relevant flood related issues, **particularly Anti-snake venom, Anti-rabies.**
- The shelters or relief camps established by the district administration should have medical centers with ambulances and special facilities for women and children.
- An emergency control room will be established in the office of Directorate General Health Services and a representative of this emergency control room would be designated to PDMA's control room.
- A list of essential medicines would be prepared by the Health department and it would ensure that medicines and other resources are present in sufficient stocks in hospitals in disaster hit areas.
- Medical colleges may be involved to create Emergency Response teams
- Health department would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillances in the disaster hit areas should be carried out warnings if needed be issued through the Disease Early Warning System.
- Medical teams and paramedic staff should be mobilized and deployed for rapid assessment and quick response in the affected areas.

- A contingency plan will be prepared and submitted regarding preparedness for any disaster or calamity.
- The National Disaster Management Authority has designated WHO as the key organization that will fill the gaps in the supply of medicines, rapid diagnostic kits, and vaccinations etc.
- The department would employ female health workers in emergency areas specially, for spreading awareness regarding health risks in a disaster and for any vaccination or immunization programme that may be needed during any emergency.
- A Health and Nutrition Cluster for overall management and oversight of Health department's disaster response would be formed at the Directorate General Health office.
- In case the medicine stocks or even the infrastructure is damaged due to floods, the department would draw up a plan for early recovery of health infrastructure and service delivery.

**Civil-Military Coordination Mechanism**

The Pakistan army's resources are employed for immediate search, rescue and evacuation. The Army is called in the 'Aid of Civil Power' only when a disaster overwhelms the resources at the disposal of the Government of Punjab. The Deputy Commissioner of the affected district would request the relevant Army Authorities for aid of Army upon the approval of the Home Department. The Standard Operating Procedure of requesting the support of the Army is to route the DC's request through Home Department, and the Ministry of Defense.

The Army plays a substantial role in the opening of breaching sections. The Irrigation department is responsible for the maintenance of manageable discharge rates in the major rivers of Punjab. If the water flow exceeds a set discharge rate, the breaching section is opened with the help of explosives and excessive water is diverted into a designated area.

**Volunteer Network**

*E.g. how many registered volunteers, how to activate them, who will coordinate with them etc.*

The office of Civil Defence assists in the evacuation of people and their household properties from the disaster affected areas. The office engages a large number of volunteers for search, rescue, evacuation and disbursement of relief goods. These volunteers generally known as "Razakars" are usually trained in swimming, basic rescue techniques, first aid etc. Razakars build their skills in simulation and mock exercises. The Civil Defence collaborates with Punjab Emergency Services (Rescue 1122) in sophisticated search, rescue and evacuation operations.

The District officer organizes mobile squads of Razakars and scouts in collaboration with local wardens and scout organizations to assist local administration/army, Rescue 1122 in evacuation and other disaster response activities. Razakars manage and utilize generators, search lights, and other life saving equipment. Razakars that know how to swim and dive are utilized for specialized water rescue. Razakars provide first aid to injured victims before transporting them to hospitals. These volunteers also assist the fire brigade in rescue, and Health department's representatives in the treatment of injured victims. The Civil Defence also assists the District Administration and Police in setting up information system for members of public, whose relatives, friends and family members are missing

Detail is as under:-

1. Registered Volounteers	: 455
2. Activated Volunteers	: 274
2. Coordinated with the Deptt.	: 304

# RISK ANALYSIS

## 1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	2	4	8
Urban Flooding	2	1	2
Flash Floods	2	4	8
Hill Torrent			
Glacial Lake Outburst Flood (GLOF)			
Landslide			
Tornado			
Earthquake			
Drought			
Epidemic			
Fire Incidents	3	3	9
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	3	3	9
Environmental Hazards (industrial accidents, severe pollution etc.)	2	3	6

Risk = Impact x Likelihood

Low : 1-7

Medium : 8-14

High : 15-25

## 2. Hazards

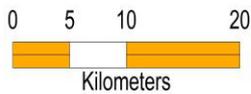
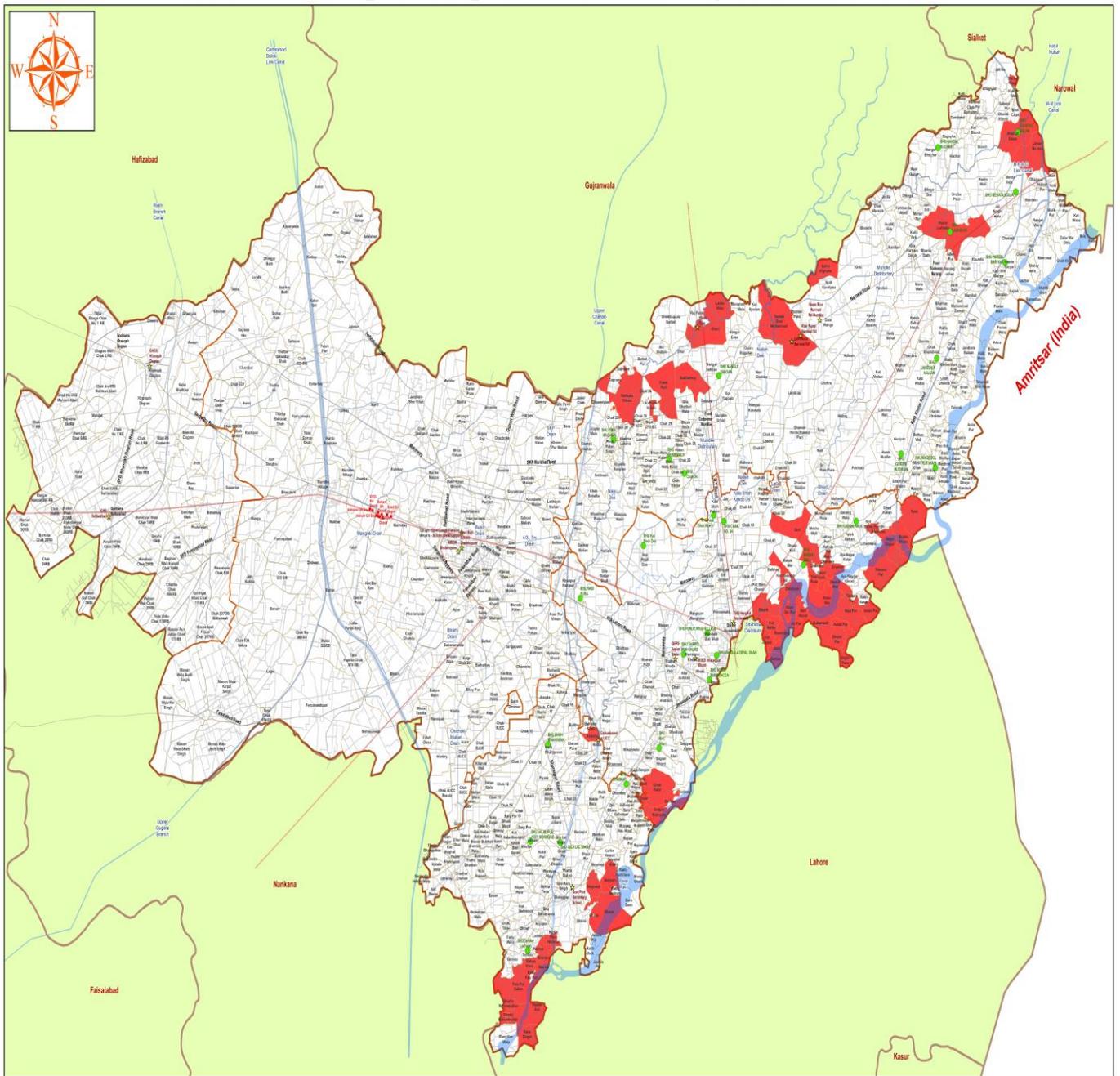
- *Disasters occurred over the past two to three decades and their impact on communities and development sectors*
- *Provide a brief description of the hazards being planned for (medium and high risks), including potential location that could be affected;*
- *Briefly outline the triggers*
- Sheikhupura District had experienced worst flood during the year 1959. Drains in the area over flew and floodwater entered into Sheikhupura City causing devastation. Other high floods had been faced during 1973 and 1976, damaging the crops badly and human settlements. In 1988, exceptionally high flood in the River Ravi threatened the life and property of inhabitants of Sheikhupura District, especially Tehsil Ferozewala. During 1997, the area received heavy downpour to the extent of 283mm within 48 hours in the last week of August, created havoc in the entire District due to newly constructed Motorway, which erupted the natural flood plain, causing heading up of the surface run off and inundated vast area and was alarmed to human life. Accumulative surface run off found its way through the drains, which had lost their carrying capacity due to deferred maintenance for the last couple of years.
- In year 2013, 40711 Cs discharge was recorded on 15-8-2013. This flood water inundated vast areas of Tehsil Muridke and Ferozewala along with the Nullah results in damages of the properties, infrastructure and social life badly. This situation has to face due to inadequate capacity of the Nullah Deg to accommodate such exceptional high floods.
- During September, 2014 Sheikhupura district witnessed one of the most extensive floods in its recent history. This was mainly caused by heavy rains in the catchment area / excessive water flow in drains passing through it particularly Deg Nullah, SKP Drain, Bhed Nullah, Laila Drain etc. These hit large parts of Muridke & Ferozewala Tehsils.
- **Deg Nullh Surrounding vulnerable Villages Detail:-**  
Following villages are surrounding near the deg Nulla.  
Tapailya dost Muhammad, Chora Rajputan, Marri, Nangal kasowala, Bhanmu wala, Ithad Chemical, Shamkay, Kallar, Misson Kallar, Misson, Mandyali, Bhattian wala, Kot Pindi Das, Hadyala, Kalla, and Nabi Pura.
- **Nikki Deg Nullah Surrounding vulnerable Villages Detail:-**  
Khorri, Raj Pura, Dahar, Fateh Pur, Khatyla Virka, Joyian wala, Khana Libana, Khana Rangra, Sikhwan, Khushal Pura, Dhau Ki Malliya, Khan Pur, Nokrian, and Ghalow.
- **Bhed Nulla Surrounding vulnerable Villages Detail:-**  
Hardo Laday Kay, Burray Oth, Pandori, Allah Pur Syeddan, Qila Harnam Singh, Kotli Sahuel, Rakh Abdia, Natt, Darorh Muslim, Kot Abdul Malik, Momin Pura, and Bhansi Nagar.
- **Laila Nulla Surrounding vulnerable Villages Detail:-**  
Mahay, Darorh Hindh, Chak no 49, Ratan Pura, Jeer, Rana Town, Gulfishan Town.

### Triggers Factors:-

1. Due to illegal encroachment and construction of the buildings on the water way of Nullah Deg its existing capacity is decreased
2. Flood situation faced due to inadequate capacity of Nullah to accommodate exceptional high flood
3. Nullah Deg channelized from BRB Canal to Muridke Narowal Road (Typyala Dost Muhammad Bridge) upstream BRBD and downstream of Muridke Narowal up to its out fall where Nullah is not channelized especially this is the point from where the water become rebelliously damage the crops and population in Muridke & Ferozewala

District detail map with vulnerable points, hazards, planned camps, health facilities, warehouses etc.

### District Sheikhupura Map for Disaster Management Plan 2016



Legend			
Ware Houses	DP Camps	Water Bodies	Tehsil Boundary
Oil Depots	Railway Track	Revenue Estate Boundary	
Vulnerable Health Facilities	Roads	Flood Prone Revenue Estates	

Source: District Government IT Section

### 3. Response & Operational Capacity

*Briefly describe the existing response capacities in District (including government and NGO partners)*

1. The main capacity of the district for handling any disaster is the Rescue 1122 department which has been declared Punjab Disaster Response Force by the PDMA.
2. There are almost 170 trained Rescuers who can handle drowning emergencies, fire incidents, road traffic accidents, other major incidents and disasters like floods, environmental disaster, building collapse etc.
3. Another main capacity of the district is the police department. The police staff deputed in any disaster is the key element for the evacuation of the victims to the safe places/ relief camps. The police department is also responsible for provision of security to staff of other agencies working in the disaster area.
4. Civil Defense with its volunteers is another strong capacity of the district during the disaster.
5. Health department is responsible for providing first aid facility to victims alongwith the Rescue 1122.
6. Education department provides the buildings of schools situated in the disaster areas for relief camps.
7. Irrigation department with its heavy machinery & equipment provides the service of strengthening of embankments, construction of usable routs within flooded areas and it continuously keeps any eye on the water level in rivers and canals.
8. Revenue department with other government departments look after the provision of food, drinking water etc to the victims and for the assessment of damages resulted by the disaster to the disaster prone areas.

**Total NGOs working in the District: 44**

### 4. Strategic Reserves

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Items	Available	Functional	Non-Functional	Extra Demand
Boats	16	16	0	0
OBM	19	19	0	0
De-watering sets	85	72	13	0
Navigators	0	0	0	0
GIS devices	0	0	0	0
Life Jackets	180	180	0	50
Life Ring	78	78	0	0
Life Lines	0	0	0	0
Scuba diving suit with complete accessories	2	2	0	0
First Aid Kits	12	12	0	0
Rescue Bag	3	3	0	0
Safety Harnesses	6	6	0	0
Ambulances	17	17	0	0
Fire Brigade	8	8	0	0
Water Tanks / Bouzers	15	15	0	0
Extendable Ladders	0	0	0	0
Hydraulic Cutter	2	2	0	2
Sonar Rader	0	0	0	0
Jumping Sheet	1	1	0	20
Dumpers	0	0	0	0
Excavators	0	0	0	0
Cranes	0	0	0	0
Bulldozer	7	7	0	0
Boat Carrier/Trolleys	3	3	0	0
Pickups/Jeeps/4x4 vehicles/Mini Trucks	3	3	0	0
Searchlight	0	0	0	50
Tent	186	126	70	0
Mosquito Net	0	0	0	0
Plastic Mat	112	112	0	0
Blanket	100	100	0	0
Any other main relief/rescue equipment	4	4	0	0
Generator Sets	3	3	0	7
Gas-Cutters	0	0	0	0
Sonar Radars	0	0	0	0
Scuba Diving Set	6	6	0	0
Navigator/GPS Tracker	0	0	0	0
Floating Rope	0	0	0	0

## 5.Gaps and Constraints

- *Briefly outline the capacity gaps in the provision of rescue and response;*
- *Describe major obstacles to providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)*
  - ✓ 1- Insecurity of workers working during disaster.
  - ✓ 2- Lack of knowledge of other agencies role & responsibilities
  - ✓ 3-Lack of inter agency coordination.
  - ✓ 4- Recognition of different obstacles associated with different locations.
  - ✓ 5- Water rescue operation is allowed in day light only.
  - ✓ 6- Lack of information sharing.

## MITIGATION STRATEGY

- ✓ Briefly describe what measure could be taken to reduce the impact of the potential disasters.
- ✓ Strategic pre-positioning of available relief stocks
- ✓ Public education and community awareness

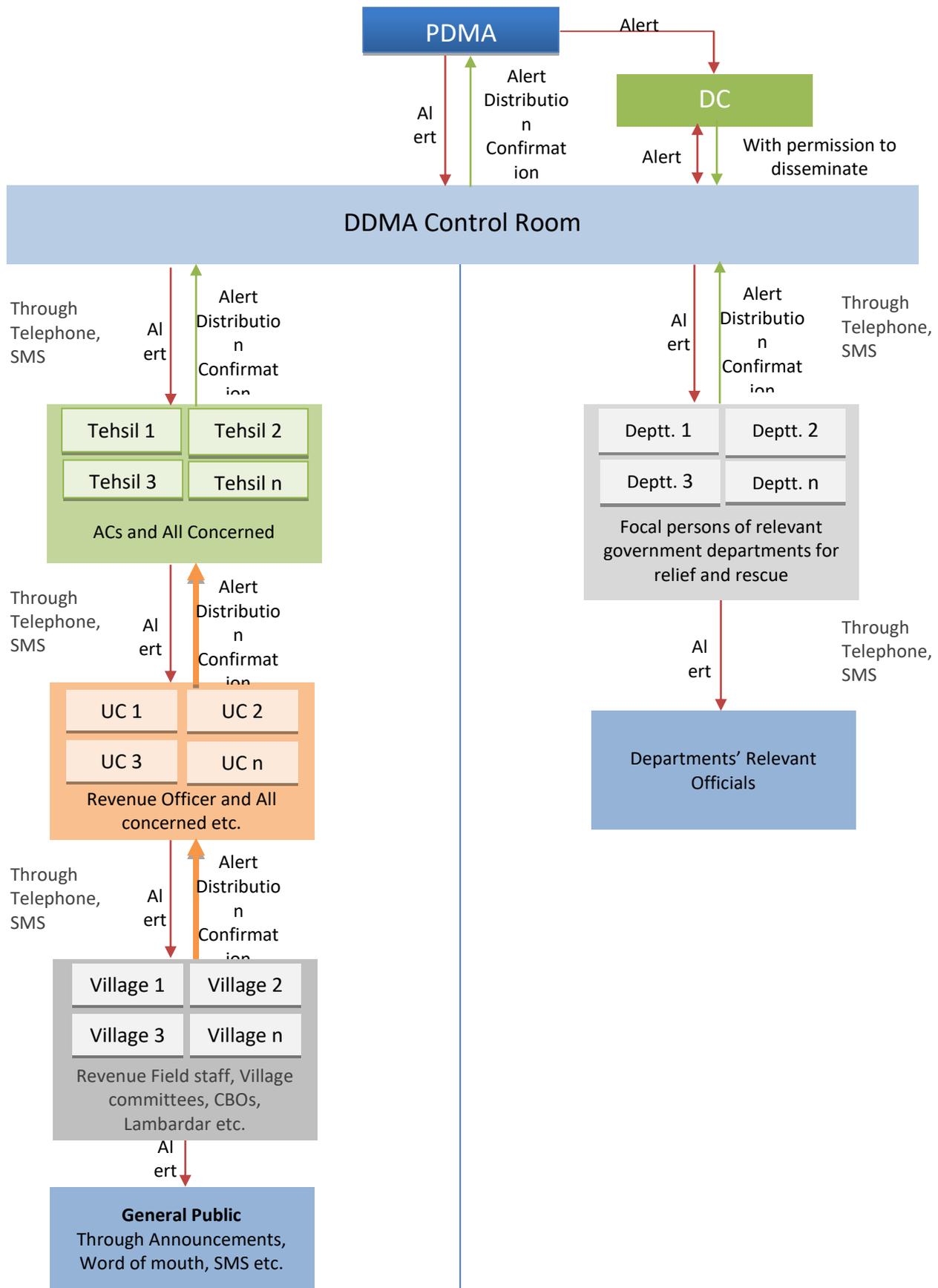
Hazards	Mitigate Actions	Responsible Department
Floods	<ul style="list-style-type: none"> <li>• Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment for ways or any other purpose.</li> <li>• An awareness campaign regarding different measures to meet the flood situation details of low lying areas, Flood Forecasting and Warning System, Hazards Map, Detail of Flood Relief Centers/ Evacuation Centers, Evacuation Procedure and other preventive and precautionary measures etc. has been scheduled</li> </ul>	Irrigation District Govt
Urban Flooding	<ul style="list-style-type: none"> <li>• Cleaning of sewerage</li> <li>• Community awareness</li> <li>• A Flood evacuation drill/Mock exercise shall be conducted under the supervision of Deputy Commissioner, Sheikhupura before monsoon season</li> </ul>	District govt Rescue 1122 All Municipal Committees
Flash Floods	<ul style="list-style-type: none"> <li>• Construct surrounding bunds around vulnerable areas</li> <li>• Don't allow people to construct their houses at vulnerable areas.</li> <li>• The de-silting of nullahs, canals and rivers.</li> <li>• Diverting water of nullah and canals.</li> <li>• All Municipal Committees, Rescue 1122, Civil Defence, Volunteer Organization, Local Union Councils, Community and other concerned departments with the help of multimedia presentations and especially designed documentary on Flood Risk Management as prepared by the Task Force on Flood Risk Management</li> </ul>	Irrigation District Govt Rescue 1122 All Municipal Committees
Hill Torrent	Nil	
Glacial Lake Outburst Flood (GLOF)	Nil	
Landslide	Nil	

Tornado	Nil	
Earthquake	<ul style="list-style-type: none"> <li>• Assesment of dangerous buildings</li> <li>• Constructing earthquick resistance buildings</li> </ul>	Executive Engineer (Building) and Municipalities
Drought	Nil	
Epidemic	<ul style="list-style-type: none"> <li>• Awareness regarding personal and environmental hygiene</li> <li>• Quick approach to the health facilities for rapid response and treatment of the diseases accordingly.</li> <li>• Relevant medical camps in the prone areas.</li> </ul>	HealthDepartment
Fire Incidents	<ul style="list-style-type: none"> <li>• Survey of vulunerable buildings</li> <li>• Survey of vulunerable factories</li> <li>• Implementation of building codes.</li> <li>• Training of employeed staff.</li> <li>• Community awarenness</li> <li>• Handling of Proper disposal material</li> </ul>	Civil defesnce & building department labour department All Municipal Committees Environment
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<ul style="list-style-type: none"> <li>• Identification &amp; removal of black spots</li> <li>• Community awarenness</li> <li>• Implementation of traffic rules</li> <li>• Permanent Resetelment of vulunerable area</li> </ul>	Civil Defence Traffic police District Govt Rescue 1122

Environmental Hazards (industrial accidents, severe pollution etc.)	<ul style="list-style-type: none"><li>• Implementation of laws regarding usage of toxic gases.</li><li>• Training of employed staff.</li><li>• Community awareness</li><li>• Survey of vulnerable buildings</li><li>• Survey of vulnerable factories</li><li>• Handling of Proper disposal material</li><li>• Evacuation Drills</li><li>• Evacuation Routes &amp; Maps</li><li>• Proper Working Systems and Machines - regularly Checked</li><li>• Trees nearby - Provide Oxygen , Less Pollution</li></ul>	Labour Environment Industry Civil Defence All Municipal Committees Rescue 1122

# EARLY WARNING

## Information Flow Diagram



## Alertness Levels

Following four levels alertness have been established:

<p><b>Level-D</b> (Disaster threat is perceptible)</p>	<p>DDMA shall conduct monthly meetings besides atleast 2 mock exercises as per DDMP, well in time, to make the concerned officers/officials understand their role and responsibility for better coordination and testing of rescue and relief equipment. DDMA shall also ensure the physical presence of concerned staff deputed and availability of equipment/resources for all designated vulnerable sites within given time frame during disaster. Vulnerable site's inspections and necessary works/action shall be carried out as mitigation measures.</p>
<p><b>Level-C</b> (Alert) (Warning issued but likelihood of occurrence is less than 100%)</p>	<p><b>Activities to be undertaken in level D</b> + DDMA shall issue "alert" to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for on call mobilization and monitor the situation 6 hourly. Only DC and DPO shall grant leave according to the situation.</p>
<p><b>Level-B</b> (High Alert) (Disaster threat is imminent)</p>	<p><b>Activities to be undertaken in level C</b> + DDMA shall issue EW to all stakeholders and "High Alert" for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for evacuation and disaster management have been mobilized as per DDMP. All emergency (health, fire, rescue 1122, MCs etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis.</p>
<p><b>Level-A</b> (Red Alert) (Disaster is materialized)</p>	<p><b>Activities to be undertaken in level B</b> + DDMA shall respond to the emergency immediately and shall carry out rescue and relief operation as defined in DDMP and shall continuously monitor the situation. Resources of adjoining districts shall be mobilized and Army may be called keeping in view the magnitude of the disaster.</p>

## Early Warning

*Briefly describe how the early warning will be received from provincial level?*

*Who is the focal person at district level?*

*Functions of District/Tehsil Emergency Control Rooms in early warning*

*How the early warning will be communicated to relevant departments for different disasters? What actions each relevant department should take after receiving the early warning e.g. evacuation.*

*How the early warning will be communicated to the relevant population? E.g. through Patwaris, SMS, Announcements, Media etc.*

The information received at District control room is dispatched to the concerned department (focal person / district head) through email, sms or phone call depending upon the severity of the warning after getting clearance from chairman DDMA. The information to the relevant department is communication into three phases:

### **Level I**

Notices are served through patwari and gardawar to the concerned vulnerable area regarding alternate arrangements for expensive in case of emergency evacuation.

### **Level II**

Mock exercises and drills are conducted through relevant departments regarding evacuation.

### **Level III**

In this phase the warnings are issued through sirens, announcements through loud speaker, mega phone and electronic media when DDMA issues high alert.

## RESCUE STRATEGY

- *What actions will be taken as an immediate response to the situation? E.g. Evacuation, medical assistance*
- *Who does what and when? Responsible departments/agencies*
- *How and when Pakistan Army will be requested to support the rescue activities*
- *Camp sites identified? List at Annex I.*

The entire Machinery, Equipment, and staff of the District Administration shall be immediately mobilized the affected area. All allied departments will jointly handle the situation. If the high magnitude of the disaster occurred then neighboring district resources would be called to tackle the situation. In the high magnitude disaster Deputy Commissioner will also request to army for support in Rescue and relief operation.

### Evacuation:

Emergency evacuation is the rapid removal of people from a threatened environment to a safer place. Punjab Emergency Services and Civil Defense, along with the implementing arms of the Home department are primarily responsible for evacuation of the affected people. Their key personnel should be trained in various evacuation techniques for the different types of disasters. The transportation plan for evacuation would be formulated in close consultation with Punjab Emergency Services, Punjab Police, the Construction & Works department and the Transport department. The department of Civil Defense along with the Education department would mobilize groups of Raskars and Scouts to assist the evacuation process. Evacuation is prioritized on a need basis. The first to be evacuated are seriously injured or bedridden patients followed by handicapped or disabled persons, pregnant women, elderly persons, children and women. The rapid evacuation of injured persons by the concerned agencies has to follow a simple color tagging process that prioritizes the patients that are in most urgent need of medical assistance. Evacuation would be coordinated by the PDMA & would be ordered DC considering the on-ground scenario. Forced evacuation can also be ordered by the DC in the face of clear and present danger.

### Guidelines for Efficient Evacuation

Search & Rescue are the foremost activities of the evacuation process. Most of the resources would be dedicated to these activities during the initial 12 hours after the disaster. Alongside, relief camps would be set up in safe areas that are easily accessible from all sides. The locations of relief camps in districts have been duly indicated in the flood contingency plans issued by the District Governments. These camp sites would be equipped with proper medical, water and sanitation facilities by the District Governments. Evacuation routes to the identified camps would be rapidly planned and informed to the personnel undertaking the search and rescue operations. All efforts would also be made to engage Government and private transport vehicles for the evacuation of victims along these identified routes. The staff of Punjab Emergency Services is well trained in carrying out timely and effectively coordinated operations to locate and rescue persons in distress and deliver them to a place of safety. Any harm to a rescuer should be averted as he/she is the most important person in a rescue attempt.

Families would preferably be evacuated together as one unit, minimizing chances of separation in a family. Evacuation of children without families would only be undertaken as a last resort and with the ultimate goal of earliest reunification. The best interest of the child would be considered while making the decision to evacuate. **Medical Assistance:**

The victims of a disaster would most probably require immediate medical assistance due to injury, psychological trauma or general health problems such as diarrhea, cholera, high fever, flu, cough, eyes infection etc. Mobile clinics would immediately be setup in the affected areas. These clinics would be equipped with both clinical and human resource to enable them to cater to medical needs of a large number of victims. The Health Department would be the lead agencies in this regard. However, the assistance of NGOs would also be solicited. The clinics and hospitals in the vicinity of the affected area would maintain a record of all patients to be able to identify any epidemic outbreaks that would further increase the spread of disease. The Social Welfare department would take all measures to rehabilitate orphans, destitute women and other vulnerable elements of the affected population.

### Pakistan Army:

The Pakistan Army's resources are employed for immediate search, rescue and evacuation. The Army is called in the 'Aid of Civil Power' only when a disaster overwhelms the resources at the disposal of the District Government. Search, rescue and evacuation are the primary responsibilities of the 'Disaster Response Force' so if the resources of this force fall short, the Army is immediately called in.

## HUMANITARIAN ASSISTANCE

- *How damage and losses data will be collected and communicated to higher level?*
  - *How the priority needs (e.g. food, shelter, health etc.) will be determined?*
  - *What activities will be carried-out to provide assistance to the affected population and by whom?*
  - *What assistance will be provided?*
  - *Standardization of different packages/kits e.g. food, tents*
  - *Humanitarian Assistance monitoring mechanism – to avoid duplication and identify gaps*
  - *Minimum standards for camps, if camps are established*
  - *What is the current capacity in the district? Enough for how much caseload?*
  - *Explain how protection, gender and age, environment and other relevant cross-cutting issues that will be addressed or mainstreamed into the humanitarian assistance strategy*
- 
- All departments will report about damage of the disaster related to their respective department to the District Disaster Control Room. The district control room in the supervision of System Network Administrator will prepare the damage assessment reports and will submit to the Deputy Commissioner office.
  - Keeping in view the livelihood of natives in the disaster area the priority based need assessment will be determined by the Revenue department.
  - Disaster Response Force, Rescue 1122 will provide medical first aid to the victims of the disaster with the collaboration of Health department. The evacuation of victims from disaster areas to the relief camps established by the Revenue and Education departments, will be the responsibility of Rescue 1122 and Police department. Pak Army will be called for rescue & relief assistance by the Deputy Commissioner if required.
  - Assistance regarding livelihood of victims, construction/ repair of damaged houses, medical advice, cattle handling will be provided by the concerned departments as required.
  - Relief packages will be standardized according to the gender and age wise needs of the victims. Liquid diet for infants, soft diet for aged people and necessary supplements for pregnant females and ailed persons will be provided. Tent packages will comprise necessary household items e.g. mats, blankets, mosquito nets, necessary crockery (bucket cooking pans) etc.
  - Social welfare department will depute different NGOs in specific disasterous areas for provision of humanitarian assistance. Each NGO will work in its allocated areas and will not touch the areas assigned to other NGO or working group to avoid any duplication in the collected data.
  - If relief camps are established, the residents will be provided with drinking water and food in sufficient amount, mobile toilets. Mobile health centers and basic schools for displaced children will also be established within the camps.
  - The current capacity of manpower, equipment, rescue machinery, boats, provision of food and life saving drugs is not up to the mark.

## ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

S#	Location	No. of persons which can be accommodated	GPS Coordinates	S#	Location	No. of persons which can be accommodated	GPS Coordinates
1	Govt High School Sheikhupura	2000	X: 73.975665 Y:31.710396	16	Fateh PuriSKP Road Muridke	200	X: 74.20 Y:31.82
2	Govt. Comprehensive School	1500	X: 73.975788 Y:31.720367	17	Govt. Pilot Secondary School	2000	X: 74-6-15.4 Y: 31-28-10
3	Govt Degree collge for women Sheikhupura	2000	X: 73.971572 Y:31.707690	18	Govt. Girls High School	150	X: 74-1-36.7 Y: 31-24-5.3
4	THQ Sheikh Hospital Ferozewala	1000	X: 74.285133 Y:31.658927	19	Embankment at upper Chanab Canal Tentage	500	X:74-7-53.1 Y:31-34-29
5	Govt. Middle School for Girls Ferozewala	200	X: 74.279368 Y:31.653841	20	Govt. H.S for boys Safdarabad	500	X: 73.57 Y:31.72
6	Govt. Girls School, Murad Town St#7	250	X: 74.272028 Y:31.677143	21	Govt. GHSS Khanqah Dogran	500	X: 73.61 Y:31.83
7	Govt. Girls Elementary School, Sharapur Khurd	500	X: 74.242191 Y:31.633583	22			
8	BHU Jamal Town Sharaqpur Khurd	300	X: 74.228684 Y:31.636480	23			
9	Govt. Boys Primary School Jhugian Sialan	250	X: 74.219457 Y:31.633081	24			
10	Reem Rice Narowal Road Muridke	200	y: 31.87 x: 74.38	25			X: Y:
11	Klair Pump Narowal Road	200	y: 31.86 x: 74.36	26			
12	Lohrawala Narowal Road Muridke	200	y: 31.86 x: 74.35	27			
13	Noorpura	200	y: 31.86	28			

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	Narowal Road Muridke		x: 74.35				
14	Baway Wala G.T Road Muridke	200	y: 31.86 x: 74.35	29			
15	Khori Stop G.T Road Muridke	200	y: 31.87 x: 74.24	30			

## ANNEX II: LIST OF HAZARD PRONE VILLAGES/REVENUE ESTATE (NAMES REQUIRED)

Hazards	Tehsils	UCs	Names of Revenue Estates	Names of Villages	
Floods	1. Sharaqpur	08	Mehtam	Mehtam	
			Dhana	Dhana	
			Sehjowal	Sehjowal	
			Noorpur	Noorpur	
			Sultanpur	Sultanpur	
			Garhi Rahimullah	Garhi Rahimullah	
			Faizpur Kalan	Faizpur Kalan	
			Vains	Vains	
			Thatha Bamian	Thatha Bamian	
			Abdalia	Abdalia	
			Nano Dogar	Nano Dogar	
			Nawan Kot	Nawan Kot	
			2. Muridke	2	2
	Surmay Dani	Surmay Dani			
	Jewan Gorya	Jewan Gorya			
	Tipiala Dost Muhammad	Deera Noor Pur			
	Tipiala Dost Muhammad	Deera Islambad			
	Tipiala Dost Muhammad	Sehni Afghna			
	Tipiala Dost Muhammad	Chak Rajpootan			
	Sehni Afghna	Deera Ba way wala			
	Tipiala Dost Muhammad	Herdo Ladhke			
	Tipiala Dost Muhammad	Khori			
	Tipiala Dost Muhammad	Bhuddankey			
	Herdo Ladhke	Ladhaywala Virkan			
	Khori	Fatehpuri			
	Buddankey	Khatiala Virkan			
	Ferozewala	[REDACTED]	[REDACTED]	Ladhaywala Virkan	
Fatehpuri					
Khatiala Virkan					
				Tooti	
				Bheikhi Dana	
				Talwar Par	
				Awan Par	
				Bhani Par	
				Gujar Pura	
				Marl Par	
	Rakh Donoya				

				<p>Goel Yaar Pura Dandian Bukanwal Bharath Kot Nathu Kot Barlas Kot Jaspat Jada Rasool Pur Ali Pur Qadian Kachi Kotli Chohan Qazi Marali Ratni Wal Shedi Wal Jhangi Sheikhan Gago Dogar Khair Din Pur Saad Par Natheyka Dosair Chak Kalal</p>
Urban Flooding				<ul style="list-style-type: none"> <li>• Tehsil Ferozewala (Haider Road, Rachna Town, Pathan Colony, Gulfashan Town)</li> <li>• Tehsil Sheikhupura, Safdarabad, Sharaqapur (Nil)</li> <li>• Tehsil Muridke</li> </ul>
Flash Floods				<ul style="list-style-type: none"> <li>• Tehsil Muridke (Gharyal Kalan)</li> <li>• Surmay Dani</li> <li>• Jewan Gorya</li> <li>• Deera Noor Pur</li> <li>• Deera Islambad</li> <li>• Sehni Afghna</li> <li>• Chak Rajpootan</li> <li>• Deera Ba way wala</li> <li>• Herdo Ladhke</li> <li>• Khori</li> <li>• Bhuddankey</li> <li>• Ladhaywala Virkan</li> <li>• Fatehpuri</li> <li>• Khatiala Virkan)</li> <li>• Tehsil Ferozewala (Haider Road, Rachna Town,</li> </ul>

				Pathan Colony, Gulfashan Town)
Hill Torrent				
Tornado				
Earthquake				
Drought				
Epidemic				
Environmental Hazards (industrial accidents, severe pollution etc.)				

## ANNEX III: LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	Lubanwala	X: 31.716 Y:73.984	BHU Lubanwala, U.C No. F-22	Dr. Nadia Atta 0324-3434347	Flood
2	Barth	X: 31.71679 Y:73.98495	BHU Babakwal, U.C No. F-24	Dr. Sajid, MO 0344-4420474	Flood
3	Burj Attari	X: 31.573 Y:74.195	BHU Burj Attari, UC. NO F-42	Dr. Bushra Manzoor 0333-6711608	Flood
4	Faizpur Khurd	X: 31.590 Y:74.217	BHU Nizampur Dacca	Dr. Nosheen Asim 0331-4959035	Flood
5	Ferozewala Village	X: 31.661 Y:74.273	BHU Ferozewala, UC. No F-27	Dr. Muhammad Hafeez 0322-4151511	Flood
6	Gharyal Kalan	X: 32.013 Y:74.604	BHU Gharyal Kalan, U.C No. M-2	Amir Munwar, Dispenser 0347-6274702	Flood
7	Mehta Suja	X: 31.967 Y:74.600	BHU Metha Suja, U.C No.M-2	Dr. Irfan Yaqoob,MO 0321-4729203	Flood
8	Merowal	X: 31.716 Y:73.984	BHU Hardobayar, U.C No.M-07	Dr. Zainul abdin 0345-4263424	Flood
9	Kala Khatai	X: 31.825 Y:74.501	BHU Gorian Mughla, BHU Maqboolpur Miani, Sub Centre kale Khatai	Dr. Aman Saddat 0300-5991979 Zaman, Dip 0345-4263424	Flood
10	Jandiala Kalsan	X: 31.850 Y:74.516	BHU Jandial Kalsan, Sub Cnetre jandiala	Dr. Umer Waqas, MO 0306-6488620	Flood
11	Nangal Sadhan	X: 31.716 Y:73.984	BHU Nangal Sadhan	Muhammad Ahmad Dispenser 0300-4877593	Flood
12	Ladhkey	X: 31.716 Y:73.984	BHU Ladhkey	Dr. Nauman Akbar Butt 0300-4877593	Flood
13	Nangal Bucher	X: 32.00 Y:74.519	BHU Nangal Bucher, CD Nangal	Dr. Hafiz Nabeel Waris 0313-4251815	Flood
14	Dhamkey	X: 31.538 Y:74.158	BHU Dhamkey, U.C. No. SS-45	Dr. Kiran Meharban 0331-6591041	Flood
15	Sehjuwal	X: 31.476 Y:74.124	BHU Qila Lal Singh,SS-43	Dr. Ali Usman 0331-4404637	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
16	Faiz pur Kalan	X: 31.716 Y:73.984	BHU Tandy Ladwey, U.C No. SS_50	Mr. Akbar,Disp 0342-4663733	Flood
17	Tandy Ladwey	X: 31.716 Y:73.984	BHU Tandy Ladwey	Dr. Asim Azam Khan 0320-6892743	Flood
18	Shamke	X: 31.710 Y:74.231	RHC Kala Shah Kaku, BHU Chak No. 44	Dr. Muhammad Shoaib 0333-4518635	Flood
19	Kot Pindi Das	X: 31.706 Y:74.181	BHU Kot Pindi Das, U.C No. F-39	Dr. Ali Ahmed Malik 0321-4270513	Flood
20	Sharaqpur Khurd	X: 31.695 Y:74.002	BHU Sharaqpur Khurd, U.C No. F-34	Dr. Hamza Jamshed 0321-4333954	Flood
21	Kot Mehmood	X: 31.450 Y:74.064	BHU Kot Mehmood, U.C No. SS-48	Dr. Hafiz Muhammad Umar Khan 0334-7679213	Flood
22	Chak No. 34	X: 31.764 Y:74.224	BHU Chak No. 34 U.C No. M-21	Dr. Saadat Ullah,MO 0333-4757098	Flood
23	Bhianwala	X: 31.460 Y:73.147	BHU Bhianwala, U.C No. F-25 and BHU Pindi Machian	Dr. Fariha Fareed 0331-4803665	Flood
24	Wandala Diyal Shah	X: 31.716 Y:73.984	BHU Wandala, U.C No. F-30 Diyal Shah and GRD Lajput Road	Dr. Ahsan Riaz Khan 0300-5130951	Flood
25	Khanpur	X: 31.458 Y:74.260	BHU Khanpur, U.C No. F-41 GRD Qila Sittar Shah	Dr. Hussnain Athar 0341-4699906	Flood
26	Marbhangwan	X: 31.716 Y:73.984	BHU Marbhangwan, U.C No. SS-46	Dr. Abid Mumtaz Khan 0321-9410752	Flood
27		X: Y:			
28		X: Y:			
29		X: Y:			
30		X: Y:			

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
31		X: Y:			
32		X: Y:			
33		X: Y:			
34		X: Y:			
35		X: Y:			
36		X: Y:			
37		X: Y:			
38		X: Y:			
39		X: Y:			
40		X: Y:			
41		X: Y:			
42		X: Y:			
43		X: Y:			
44		X: Y:			
45		X: Y:			
46		X: Y:			
47		X: Y:			
48		X: Y:			
49		X: Y:			

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
50		X: Y:			
51		X: Y:			
52		X: Y:			
53		X: Y:			
54		X: Y:			
55		X: Y:			
56		X: Y:			
57		X: Y:			
58		X: Y:			
59		X: Y:			
60		X: Y:			
61		X: Y:			
62		X: Y:			
63		X: Y:			
64		X: Y:			
65		X: Y:			
66		X: Y:			
67		X: Y:			
68		X:			

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
		Y:			
69		X: Y:			
70		X: Y:			
71		X: Y:			
72		X: Y:			
73		X: Y:			
74		X: Y:			
75		X: Y:			
76		X: Y:			
77		X: Y:			
78		X: Y:			
79		X: Y:			
80		X: Y:			
81		X: Y:			
82		X: Y:			
83		X: Y:			
84		X: Y:			
85		X: Y:			
86		X: Y:			

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary )	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
87		X: Y:			
88		X: Y:			
89		X: Y:			

## ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GPS Kot Yaqoob	School	X: 74.27 Y:31.81	231	Mustafa Ali	03008124842
2	GPS Tung	School	X: 74.38 Y:31.79	51	Farheen	03064351592
3	GPS Nangal Kasowala	School	X: 74.29 Y:31.81	136	Muhammad Hussain	03014600282
4	GPS Kot Faqir Muhammad	School	X: 74.32 Y:31.81	173	Gulzar Ahmad	03334575306
5	GPS Kot Nazir	School	X: 74.33 Y:31.81	82	Muhammad Ali	03320847638
6	GPS CHak 47	School	X: 74.31 Y:31.77	134	Rana Muhammad Mushtaq	03328031947
7	GPS Chak 48	School	X: 74.31 Y:31.79	49	Rana Sikandar Ali	03009437014
8	GES Chak 49	School	X: 74.33 Y:31.76	275	Mehmboob Hussain	03474865885
9	GES Dharoor Muslim	School	X: 74.38 Y:31.76	180	Azhar Hussain Tahir	03004085765
10	GGPS Amin Shah	School	X: 74.64 Y:31.97	50	Muhammad Rafiq	03008862441 PEF
11	GGPS Marri Khurd	School	X: 74.65 Y:31.90	71	Ishrat Bibi	03454977224 PEF
12	GGPS Jatrike	School	X: 74.58 Y:32.05	72	Nighat Qudsia	03004349567
13	GGPS Surmaydani	School	X: 74.60 Y:32.04	142	Muhammad Sarwar	03456769778
14	GGES Jeeto Gala	School	X: 74.52 Y:31.89	132	Bushra Azam	03014453566
15	GGES Pakhiala	School	X: 74.43 Y:31.76	130	Sajida Yasmin	03364488850
16	GGPS Makku Ana	School	X: <span style="background-color: yellow;">      </span> Y: <span style="background-color: yellow;">      </span>	80	Sadia Ramzan	03127732466

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
17	GGPS Kotli Karotana	School	X: 74.39 Y:31.90	40	Sadaf Yousaf	03319605698 PEF
18	GGES Kot Nazir	School	X: 74.33 Y:31.81	101	Zainab Khatoon	03334260474
19	GGPS Rustam Pura	School	X: 74.36 Y:31.88	41	Tanvir Ch	03214824808
20	GGCMS Marri Chehllan	School	X: 74.30 Y:31.84	163	Shamim Ashraf	03454458296
21	GGHS Bhago Dial	School	X: 74.49 Y: 31.96	351	Farzana Kokab	03328030228
22	GGES Dharor Muslam	School	X: 74.36 Y: 31.76	142	Shamshad Zubair	03004408218
23	GGES Qila Satar Shah	School	X: 74.13 Y:31.69	270	Anam Saleem	03324495024
24	GGES Chohy Wali Kalan	School	X: 74.18 Y:31.74	93	Naheed Akhtar	03066328921
25	GGES Nangal Sadhan	School	X: 74.27 Y:31.83	505	Razia Jabeen	03318454046
26	GGPS Dhaar	School	X: 74.21 Y:31.84	13	Rubina	03044351953 PEF
27	GGPS Khushal Pura	School	X: 74.12 Y:31.73	106	Bushra Perveen	03017433703
28	GGPS Leel	School	X: 73.11 Y:31.74	27	Jaweria Zafar	03344964017 PEF
29	GGPS Chak 48	School	74.317494 31.793413	27	Shaheen khausar	03314078165
30	GGPS Nangal Waris Khan	School	74.632624 31.947725	50	Zaibul Nisa	03348065578
31	GGPS Chak Dheedo	School	74.530015 31.832498	48	Jaweria naseer	03456287574 PEF
32	GGPS Rajpura	School	74.587134 31.903458	67	Shafufta Riasat	03434474584 PEF
33	GGPS Baryar kohna	School	74.603175 31.909194	42	Kubra Bibi	03549699194 PEF
34	GGES Chakrali	School	74.600756 31.934713	200	Shela Rubina	03367406559
35	GGES Meero wal	School	74.613631 31.935859	128	Iqra Idrees	03444384434
36	GES Malik Pur	School	74.647950 31.955408	78	Nasreen Akhtar	03014142788
37	GGPS Dheegana	School	74.633660 31.970023	81	Adnanul haq	03348244956
38	GPS Kajle	School	74.600864	97	Muhammad	03328032006

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
			31.903157		Imran	
39	GPS Rajpura	School	74.587136 31.903181	56	Muhammad Afzal	03436072361
40	GPS Paslanwala	School	74.583260 31.889819	131	Faryad hussain	03328032088
41	GPS hardobauryar	School	74.596172 31.918321	97	Muhammad Ishaq	03424265900 PEF
42	GPS Kot Bhlan	School	74.570951 31.903789	25	Mushtaq Ahamad	03007776490 PEF
43	GPS Mandiali	School	74.556428 31.891925	360	Rasheed Ahmad	03328032054
44	GPS Jeongoria No.1	School	74.626847 31.994010	57	Karamat Ali	03344146310PEF
45	GPS No. 2	School	74.626987 31.985970	35	Ejaz Ahmad	03419785421 PEF
46	GPS No. 3	School	74.619825 31.997699	131	Muhammad Naeem	03446463180
47	GPS uncha Pind	School	74.537534 31.959744	280	Nasir Ali	03456362169
48	GPS Dera Arrian	School	74.537057 31.952476	67	Muhammad Khan	03444466532
49	GPS Khunda Ladheke	School	74.551822 31.938488	165	Muhammad Afzal	03484578727
50	GPS Katibrahim	School	74.548371 31.947943	97	Aslob Khan	03364081910 PEF
51	GPS Jeto Gala	School	74.588000 31.901830	121	Safdar Ali	03424099868
52	GPS Gharang Wala	School	74.408417 31.736776	96	Naseer ahmad	
53	GPS Chak 41	School	74.322079 31.718294	120	Muhammad Aslam	
54	GPS Muslim Legue	School	74.340853 31.717908	110	Safdar ali	
55	GPS Ragian Jangian	School	74.234375 31.666249	156	Amdad ali	
56	GES Dorgi Gill	School	74.261661 31.681776	180	Riasat Ali	
57	GPS Rana Town	School	74.271579 31.680343	215	Mubashar Hussain	
58	GPS Bashir Modle	School	74.275609 31.686522	85	Azhar Ali	
59	GPS Kala Gaon	School	74.105143 31.664785	60	Karamat Ali	
60	GPS Chak 38	School	74.269407 31.719162	140	Amanat Ali	
61	GPS Chak 37	School	74.261793 31.711573	120	Akhlaq Ahmad	
62	GPS Shamke	School	74.228323 31.711086	95	Muhammad Afzal	
63	GPS Aman Pura	School	74.257447 31.706202	120	Khurshid	
64	GPS Ratan Pura	School	74.3131.8 31.747272	90	Amjad Ali	
65	GPS Saray Kam	School	74.342018	86	Shazia Satar	

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
			31.750952			
66	GPS Jamal Pura	School	74.443058 31.749603	83	Ashiq Ali	
67	GPS Nano dogar Nawulan	School	74.062253 31.358215	151	Muhammad Mansha	03334117330
68	GES Nano Dogar Araian	School	74.062858 31.358062	244	Ali Hussain	03459900162
69	GGHS Bhago Dial	School	74.497811 31.966775	351	Farzana Kokab	03328030228
70	GGHS Mardana	School	74.616453 31.958090	138	Sadaf Sabeen	03328030254
71	GGHS Gharyal Kalan	School	74.606864 32.009799	322	Misbah	03328030233
72	GHS Gharyal Kalan	School	74.608846 32.010087	224	Sami ullah	03328029711
73	GGHS Noon	School	74.246137 31.746245	420	Shabana Shahnaz	03328030260
74	GGHS Nangal Kaswal	School	74.295023 31.814405	131	Nusrat Perveen	03328030257

## ANNEX V: LIST OF INDUSTRIES WITH THEIR RISK

## LEVEL

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
1.	Nimir Chemicals Ltd., Faisalabad Road, Sheikhupura	Faisalabad Road	N31.61090 E073.89050	Chemicals	Aahad Shah 030-4440010	High	Fire
2.	Nimir Industrial Chemicals Ltd. Faisalabad Road, Sheikhupura	Faisalabad Road	N 31.60965 E073.88884	Chemicals	Imran 0300-8469646	High	Fire
3.	Synergy Paper Board Mills Ltd., Faisalabad Road, Sheikhupura	Faisalabad Road	N31.64426 E073.92783	Paper Chemicals	Aalam	High	Fire
4.	Umar Farms (Pvt.) Ltd, Faisalabad Road, Sheikhupura	Faisalabad Road	N31.60106 E073.85815	Biological	Tahir Amin 0322-6304375	Low	
5.	PSO Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.7322 E73.8799	Chemicals	Khawaja Haris 0321-4338673	High	Fire
6.	TOTAL Parco Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.7322 E73.8799	Chemicals	Azam 0300-8405790	High	Fire
7.	SHELL Oil, Sheikhupura Sargodha Road	Sargodha Road	N31.7335 E73.8900	Chemicals	Khawar 0336-2375258	High	Fire
8.	Attock Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.733 E73.8781	Chemicals	Rihan 0307-7775446	High	Fire
9.	Hascol Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.732 E73.8817	Chemicals	Aurang Zaib 0333-4411459	High	Fire
10.	Admore Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.736 E.73.8736	Chemicals	Waqas Ahmad 0301-4283559	High	Fire
11.	PARCO Diesel Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.735 E73.8800	Chemicals	Muhammad Zaheer 0333-5229282 056-3540113	High	Fire
12	Olympia Industries Ltd.,	Chichoki Malian Road, Sheikhupura		Chemical, Biological, Radiological, Nuclear	Abdul Raug	High	Fire
13	ICI Polyester,	Sheikhupura Lahore Road.	N31.69181 E074.05421	-do-	Nisar Dogar	Low	Fire
14	Rupali Polyester	30-K.M. Lahore Road, Sheikhupura	N31.690896 E74.053792	-do-	Muhammad Farooq	Low	Fire

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
15	Rupafil Ltd.,	Sharaqpur Road, Sheikhupura	N31.624914 E74.043001	-do-	Ejaz Khan	Low	Fire
16	Qadria Board Mills	Lahore Sheikhupura Road.	N31.689694 E74.041697	-do-	Malik Sajjad	High	Fire
17	Premier Paper Mills,	Lahore Sheikhupura Road.	N31.694520 E74.043513	-do-	Rana Saeed	High	Fire
18	Flying Paper Mills	Lahore Sheikhupura Road.	N31.400915 E740530.50	-do-	Muhammad Qasim	High	Fire
19	Fatima Fort	Lahore Sheikhupura Road.	N31.682027 E74.081155	-do-	Zahid Rafique	High	Fire
20	Sohail Textile	Sargodha Road, Sheikhupura	N31.636340 E73.081468	-do-	Tahir Shah	High	Fire
21	Qutab Textile	Sargodha Road, Sheikhupura	N31.732885 E73.915623	-do-	Muhammad Hassan	High	Fire
22	Prosperity Weaving Mills	32-K.M. Sharaqpur Road	N31.602108 E74.058893	-do-	M.Imran	High	Fire
23	Olympia Blanded No. 1	Chichoki Malian	N31.707213 E74.092260	-do-	Aslam Randhawa	High	Fire
24	Olympia Blanded No. 2	Chichoki Malian	N31.707213 E74.092260	-do-	Muhammad Majeed	High	Fire
25	Rawal Textile Mills	Chichoki Malian, Sheikhupura	N31.705917 E74.092131	-do-	Mustansar	High	Fire
26	Shahzad Textile	Lahore Road, Sheikhupura	N31.702362 E74.027286	-do-	Abdul Qayyum	High	Fire
27	Ayesha Spinning Mills	Lahore Road, Sheikhupura	N31.697070 E74.038106	-do-	Anza	High	Fire
28	Spincot Textile	Sargodha Road	N31.738885 E73.874520	-do-	Malik Mahboob	High	Fire
29	Noorani Spinning	Lahore Road Sheikhupura	N31.692593 E74.047601	-do-	M. Idrees	High	Fire
30	Muhammadia Paper Board	Lahore Road Sheikhupura	N31.683200 E74.057208	-do-	M. Ali	High	Fire
31	Anwar Rashid Industry	Chichoki Malian, Sheikhupura	N31.700496 E74.067401	-do-	Aurang Zaib	High	Fire
32	Inam Paper Mills	Barianwala Sheikhupura	N31.685358 E74.035472	-do-	Riasat Ali	High	Fire
33	Panther Sports	Chichoki Malian, Sheikhupura	N31.700861 E74.067477	-do-	Zafar Iqbal	High	Fire
34	Easter Cone Supplier	Lahore Road Sheikhupura	N31.695567 E74.036355	-do-	Naeem Riasat Virk	High	Fire
35	Arsam Pulp & Paper Board	Barianwala, Skp	N31.687676 E74.039288	-do-	Tallat	High	Fire
36	Panther Tyre	Lahore Road Sheikhupura	N31.688046 E74.062005	-do-	Zulifqar	High	Fire
37	Ayesha Spinning (Socks)	Lahore Road Sheikhupura	N31.697608 E74.036545	-do-	Tanveer	High	Fire

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
38	Elahi Paper Board	Marade Road, Sheikhupura	N31.678925 E74.206841	-do-	M.Amin	High	Fire
39	Fazal Chemicals	Mannopur	N31.708883 E74.092045	-do-	Sarfraz Ahmad	High	Fire
40	Mehtabi Spinning	Sargodha Road, Skp.	N31.738708 E73.875288	-do-	Farooqi	High	Fire
41	Al-Karam Paper Mills	Baddo Maradi, Skp	N31.679956 E74.02779	-do-	Muhammad Ahsan	High	Fire
42	Kamran Spinning	Baddo Maradi, Skp	N31.680921 E74.029668	-do-	Manzoor	High	Fire
43	Al-Mizan Board Mills	Saim Park Rd. Skp.	N31.678884 E74.026835	-do-	M.Sarwar	High	Fire
44	Sumeria Industries	Lahore Road, Skp.	N31.696209 E74.035596	-do-	Ejaz Ahmad	High	Fire
45	Al-Barkat Spinning	Baddo Maradi, Skp		-do-	Shabir Hussain	High	Fire
46	AA Paper (Pvt.) Ltd.	5-K.M. Sharapqpur Road	N31.668707 E74.012818	-do-	Humayon	High	Fire
47	Model Paper Board Mills	5-K.M. Sharapqpur Road	N31.670287 E74.014025	-do-	Abdul Hussain	High	Fire
48	Hassan Board,	22-K.M. G.T. Road, Muridke	N31.769404 E74.260063	Paper Chemicals	Amjad Bokhari 0321-9492025	High	Fire
49	Touheed Packages	12-K.M. G.T. Road, F/wala	N31.671087 E74.278806		Abid Hussain 0322-4404702	Medium	Fire
50	Al-Aziz Paper Mills	Narowal Road, Muridke	N31.862742 E74.315467	Paper Chemical	Rana Riaz 0300-9486022	Low	Fire
51	Dream Wood Industries	G.T. Road, Kala Shah Kaku	N31.725676 E74.258470	Chip Board	Muzaffar Ahmad 0315-9400094	High	Flood
52	Fynk Pharma	G.T. Road, Kala Shah Kaku	N31.725756 E74.260626	Medicine Chemical	Kashif Ali 0300-0998898	Low	Flood
53	Hamza Flour Mills	G.T. Road, F/wala	N31.676225 E74.279587	Flour	Mian Farooq	High	Flood
54	Ittehad Chemicals	G.T. Road, Kala Shah Kaku	N31.742119 E74.264990	Chemical	Ashiq Ahmad 0321-4230231	Medium	Chemical (Chlorine Leakage)
55	Leiner Pak Gellatine	G.T. Road, Kala Shah Kaku	N31.735141 E74.266248	Chemical	Col. Waseem Abbas 0302-8464893	High	Flood
56	Lustre Paint Inn	G.T. Road, F/wala	N31.667341 E74.273554	Paper Chemical	Wasif Siddique 0300-8488837	Low	Fire
57	Pakistan Drums	G.T. Road	N31.666348 E74.280799		Sh. Ilyas	Medium	Flood
58	Sadiq paper Mills	G.T. Road	N31.672855 E74.278514	Paper Chemical	Ghulam Fareed 0300-8818908	Low	Fire
59	Total Marketing Oil depot (Caltex Chevron Pakistan Oil)	Sargodha Road Sheikhupura	-	Chemical	Hammad 0300-8326489	High	Fire

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
60	Bakri Oil trading Company	Sargodha Road Sheikhupura	-	Chemical	Muhammad Shahbaz 0333- 4349187	High	Fire

## Annex VI:List of NGO working in the District

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name	Contact No.
1	District Anti T.B ssociation	Local	Opposite National Modal School Saargodha Road SKP	Health	Mr. Ghulam Nabi	056-3784039 0333-4294262
2	Anjuam Khana Dar Khawateen	Local	Opposite Goal Masjid Khalid Road Social Welfare Complex Sheikhupura	Vocational Training	Mst. Naheed Ch.	0345-6280052
3	Noor Foundation	Local	DHQ Hospital Sheikhupura	Health	Afzal Sultan Dogar	0300 4507262
4	Umeed Welfare Society	Local	Salaho Din Road Mohalla Choree Gharan SKP	Education	Mst. Binish Qamar Dar	0321-4205129
5	Idara Tul Falah	Local	Housing Colony Block X City Sheikhupura	Health	Shukat Hussain	0333 4020616
6	Al Mustafa Welfare Society	Local	Liberty Market City Sheikhupura	Vocational Training	Mr. Majid Sulehri	0333-4242029
7	Social Welfare Foundation	Local	Nawan Khuo Chichoo ki Mallian SKP	Education	Quban Ali	0322-7946989
8	United Human Rights Association	Local	Shah Colony Road Rasool Nagar Skp	General Welfare	Bashir Ahmad	0331-4848009
9	Al Basar Welfare Foundatin	Local	Near old Taxi Stand SKP	Health	Dr. Zahid	0300-8431989
10	Bazam Welfare Foundation	Local	Nashaman Park Housing Colony SKP	Health	Mr. Masadiq Virk	0321-4402966 0321-4242141
11	Fatima Welfare Foundastion	Local	Jandiala Road SKP	Health	Sh. Muzafar	0322-5890147
12	Ehsas Welfare Foundation,	Local	Akbar Tawar Regal Chowk SKP	Vocational Training	Haji Asghar Ali Virk	0333-4293340 0333-4840940
13	Al-Nisa Welfare Society	Local	Kot Ranjeet Gujranwala Road SKP	General Welfare	Mst. Nazia Latief	0333- 41140610333- 4303736
14	Patient Welfare Society	Local	DHQ Hospital Sheikhupura	Health	Malik Arfan Islam	0321-4170200
15	Prisoners Welfare Society	Local	District Jail Sheikhupura	Welfare of Female &Children	Malik Muhammad Yaseen	056-9239217

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name	Contact No.
				Prisoners		
16	Pukar welfare Foundation	Local	Loona Park, Gujranwala Road Sheikhupura	Health	Muhammad Raza Mughal	0300-4378054
17	Social Welfare Society	Local	Kot Hussain Gujranwala Road Sheikhupura	Health	Mr. Afzal Nizami	0321-7269855
18	Rural Development Organization	Local	Al Shifa Trust Eye & General Hospital Muhallah Chisht Nagar Farooqabad	Health	Mr. Abrar Ahmad	0300-8145733
19	Pak Development Organization	Local	Mohallah Tanki Wala Muridke Road Farooqabad Distt. Sheikhupura	Vocational Training	Muhammad Maqsood Ahmad	0300-4903717
20	Anjumn e Tahafiz e Ghurba	Local	Muhallah Guru Nanak Pura Farooqabad	Vocational Training	Mr. Muhammad Hanif	0300-9495463 0300-8476699
21	Social Welfare Society	Local	Dera Gujran Buttar	Health	Rana Nabeel Azmat	0300-4768174
22	Al-Rehman Welfare Society	Local	Dera Mallah Singh Farooqabad	Religious Education Industrial Center	Hafiz Muhammad Sarwar	0333-4021874
23	Human Rights Welfare Foundation	Local	Mohallah Shah Abad Farooqabad	Education	Syed Rizwan Haidar Gillani	0315-4100318 0305-4344815
24	Sacha Sodha Welfare Society	Local	UC 94 Farooqabad	Health	Munawar Hussain	0300-4847786
25	Al Raza Welfare Society	Local	Manawala Town Tehsil & Distt SKP	Health	Mr. Yasin	0321-7269635 0345-4834037
26	Muhammad Sadiq Hajra Bibi Memorial Welfare Society	Local	Nawan Kot Head Roshan Din 18- Km Fasilabad Road Skp	Health	Adil Mehmood	056-3879181
27	Social Welfare Society	Local	Ghulla Wattwan Tehsil & District Sheikhupura	Education	Bushra Kokab	0302-4451546
28	Human Development	Local	Tehsil Safdarabad	Education	M. Mustafa	0345-7840414

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name	Contact No.
	Organization		Distt. Skp			
29	Khawateen Welfare Society	Local	Bariyanwala Tehsil & District Sheikhupura	Vocational Training	Khalida Perveen	0307-2009876
30	Anjumn e Razzay Habib Welfare Society,	Local	Tehsil Muridke Distt. Skp	Vocational Training	Malik Zulfiqar Ahmad	0321-3178909
31	Shaheen Welfare Society	Local	Hussain Town Tehsil Muridke Distt. Sheikhupura	Vocational Training	M.Anwar Khokhar	0321-7900033
32	Al Jaza Welfare Society	Local	Ravi Rian Tehsil Muridke Distt. Sheikhupura	Education	Fiaz Hussain Faizi	0323-7041714
33	Special People Welfare Society,	Local	Tehsil Muridke Distt. Sheikhupura	Disability	M.Akram	0321-7996779
34	Patient Welfare Society	Local	Tehsil Head Quarter Hospital Muridke District Sheikhupura	Health	Mst. Nazia Mumtaz	0300-4258938 0300-4233446
35	Health Education & Literacy Programme	Local	Tehsil Sharaqpur District Sheikhupura	General Welfare	Aukhtar Ali Monga	0345-8469270 056-2592763
36	Umme-Habiba Welfare Foundation	Local	Javed Nagar Tehsil Ferozwala Distt.Skp	General Welfare	Syed Iftikhar Bashir	0300-4790086 0321-4467176
37	Khatoon Welfare Society	Local	Kala Shah Kaku Ferozwala Distt. Sheikhupura	Health ,Religious Education	Bashir Ahmad	0300-4437849 0331-5969093
38	Social Welfare Society	Local	Kot Abdul Malik Tehsil Ferozwala District SKP	General Welfare	Mian Muhammad Riaz	0300-4349920
39	Awami Social Welfare Committee	Local	Rana Town Tehsil Ferozwala District Sheikhupura	Health	Syed Shamsheer Ali Shah	0306-4230653 0304-4170308
40	Peoples Welfare Society	Local	Tehsil Ferozwala District Skp	General Welfare	Ch. Abdul Sattar	0300-4232149 0300-4971422
41	Sher-e-Bangal Welfare Society	Local	Sher-e-Bangal Colony Tehsil Ferozwala District Skp	Health	M.Mehboob Alam Awan	0321-4134735 0323 6285168
42	Nai Umeed Welfare Soceity	Local	Hakimpura Ferozewala District Sheikhupura	Education	Venus Hameed	0306-4700654 0344-4733543

S#	NGO Name	NGO Type (Local, National, International)	Location where they are working	Sector/Cluster of work (e.g. WASH, Health, Education)	Focal Person Name	Contact No.
43	Nai Raah Welfare Society	Local	76-KM Khuda Ki Basti Kala Shah Kaku Ferozewala	Education	Abdul Shereen	0321-4797667
44	True Belief Welfare Foundation	Local	Khan Building near Gulshan marriage hall Ferozwala District Sheikhupura	General Welfare	Sakina Shaheen Khan	0333-8309124

## Annex VII: Contact list of main stakeholders/ departments

S#	Designation	Person Name	Telephone (Office)	Telephone (Residential)	Mobile
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S#	Designation	Person Name	Telephone (Office)	Telephone (Residential)	Mobile
1.	Deputy Commissioner, SKP	Azhar Hayat	056-9200150-1	056-9200153-54	0304-0920061
2.	District Police Officer, SKP	Sardar Gayas Gul	056-9200104-7	056-9200105	0321-5390078 0300-4911922
3.	Addl. Deputy Commissioner (Rev)	Syed Musa Raza	056-9200163	-	0333-5824152
4.	Addl. Deputy Commissioner (Gen)	Wasif Bashir Khokhar	056-9200156		0301-4027517
5.	Assistant Commissioner (HR & Coord)	Ch Jaffar	056-9200157	-	0301-4106126
6.	System Network Administrator, SKP	Syed Aqeel Abbas	056-9200155	-	0333-4327680
7.	Assistant Commissioner, SKP	Fazail Mudassar	056-9200165	-	0316-6805291
8.	Assistant Commissioner, F/wala	Asad Magsi	042-37930777	-	0301-6500001
9	Assistant Commissioner, MDK	Tariq Hussain	042-37951200	-	03007578578
10.	Assistant Commissioner, SHQ	Muhammad Tayyab Tahir	056-2590215	-	0336-1484849
11.	Assistant Commissioner, SFD	Imran Asmat	056-3861563	-	0301-8665636
12.	Chief Executive Officer, (Edu), SKP	Ali Ahmed Siyan	056-9200020	056-9239012	0300-4751360
13.	Chief Executive Officer, (Health), SKP	Dr. Javad Goriya	056-3810303	-	0333-4208160 0312-0663052
14.	Director, (Agri), SKP	Maskoor Ahmad	056-9200291	-	0300-9695710
15.	Add. Deputy Commissioner, (F&P), SKP	Mehbob Alam	056-9200145-6	-	0323-6788881 0310-4359799
16.	XEN, Highway (M&R), SKP	Muhammad Irsahad	056-9200063-4	-	0300-8676969
17.	SE(WAPDA), Sheikhupura	Mirza Latif Mughal	056-9200200	-	0347-0011600
18.	XEN, (UCC), Sheikhupura	Jamadad	056-9200253	-	0345-4784707
19.	XEN, (UGD), Sheikhupura	Ghulam Mehboob Rabani	056-9200255-6	-	0300-7246895
20.	XEN, (UCC), Gujranwala	Asghar Ali Chohan	055-9200199	-	0300-7624714
21.	XEN, (Drainage), Sheikhupura	Sadaqat Latif	056-9200250	-	0322-4486727
22.	XEN (Provincial Highway), Sheikhupura	Muhammad Nazir	042-99263000	-	0345-5020709
23.	XEN (Building)	Muhammad Anwar Adil	056-9239028		0300-8683332
24.	Deputy Director (NHA), Lahore	Munir Warrich	042-99232556	-	0300-4020762
25.	XEN Public Health, Sheikhupura	Anwar Hussian	056-3793938	-	0321-9796451
26.	DEO (1122), Rescue, Sheikhupura	Rana Muhammad Ijaz	056-9239093-5	-	0336-4441122
26.	Secretary (DRTA), Sheikhupura	Muzamal Ilyas	056-3611022	-	0333-4286904
27.	DMO, Sheikhupura	Manwar Goraya	056-9200177	-	0321-4571643
28.	District Food Officer, Sheikhupura	Umair	056-9200197	-	0341-0470470

S#	Designation	Person Name	Telephone (Office)	Telephone (Residential)	Mobile
29.	Civil Defence officer, SKP	Abdul Sattar	056-9239036 056-9200048	-	0300-4481046
30.	Deputy Director (Livestock), Sheikhupura	Dr. Fayyaz Ahmad	056-9200053	-	0300-4514463
31.	OS , Sheikhupura	Ajmal Farooq Virk	056-9200162	-	0300-4400882
32.	OS/AOA, Deputy Commissioner, SKP	Azhar Abbas Shah	056-9200160	-	0321-4193292
33.	Deputy Director (Social Welfare), SKP	Muhammad Nawaz	056-9200027	-	0300-4083072
34.	Tehsildar, Sheikhupura	Ghulam Mustafa	-	-	0300-9634087
35.	Acting Tehsildar, Ferozewala	Aslam Gujjar	042-37918864	-	0333-3314483
36.	Tehsildar, Sharaqpur	Syed Akmal Hadir Shah	-	-	0333-4232477
37.	Tehsildar, Muridke	Rana Zafar Ullah Khan	042-37990071	-	0305-4041911
38.	Tehsildar, Safdarabad	M. Farooq Qurashi	-	-	0300-9443174
39.	Chairman District Council Sheikhupura	Ahmed Attiq Anwer	056-9200011	-	0345-5355522
40.	CO, District Council Sheikhupura	Asad Abbas Magci	056-9200011	-	0301-6500001
41.	CO, MC, SKP	Rana Muhammad Ilyas	056-9200174	-	0333-4357074
42.	CO, MC, Farooqabad	Mian Usman	-	-	0322-5734508
43.	CO,MC, Manawala	Mian Mansah	-	-	0321-4999173
44.	CO, MC, Ferozewala	Malik Adrees	-	-	0333-4205314
45.	CO,MC, Kot Abdul Malik	Tanveer Baloch	-	-	0333-4548091
46.	CO, MC, Muridke	Rana Shahid	-	-	03204578007
47.	CO,MC, Narang	Qazi Abid	-	-	0333-8163165
48.	CO, MC, Sharaqpur	Imran Danish	-	-	0300-4177126
49.	CO, MC, Safdarabad	Sajid Mushraf	-	-	0322-4444164
50.	CO, MC, Khanqa Dogran	Iqbal	-	-	0300-4119685

## Annex VIII: List of volunteers

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	Mr. Aman Ullah	35403-2369267-5	Wian Wali,Safdar Abad	0345-8081748		4 hors.
2	Mr. Maqsood Ali	35404-9407235-7	H.No 1 St.1, Lunda Phatak Skp.	0300-4677137		4 hors.
3	Mr. Muhammad Ashraf	35404-1681789-7	Hanjanwala	0320-4318579		4 hors.
4	Mr. Yousaf Khan	3410-7415954-1	Gharmula Virkan Tehsil Noshera Virkan Gujranwala	0300-9795077		4 hors.
5	Mr. Muhammad Akhtar Shah	35404-0679008-5	Mohallah Islam Pura Bhikhi Road Skp	0306-6830399		4 hors.
6	Mr. Muhammad Nawaz	35404-7074538-5	Sahoo ki Maliyan	0345-4797744		4 hors.
7	Mr. Touseef Hassan	35501-0185409-9	Chak No.10 Nankana Sahib	0307-4644704		4 hors.
8	Mr. Muzamal Hussain	35404-4745392-1	Farooqabad	0307-4214134		4 hors.
9	Mr. Naeem Alam	35404-4922486-3	Farooqabad	0300-8833963		4 hors.
10	Mr. Anwar Ali	35404-5902194-3	Dera Nigah Farooqabad	0302-4677820		4 hors.
11	Mr. Muhammad Shahbaz Inyat	35404-3640030-1	Saho ki Maliyan	0340-5940838		4 hors.
12	Mr. Anwar Mehmood	35404-8240268-7	Mirajpura	0324-4067459		4 hors.
13	Mr. Mohsin Ali	35404-9044559-9	St. No1 H. No1 Lunda Phatak Skp	0322-7274127		4 hors.
14	Mr. Imran Azhar	35404-8911793-5	Old City, Alamgir Road Skp	0308-4321285		4 hors.
15	Mr. Fahid Irshad	35404-8309519	St. No3 Jandiala Road Skp	0315-6193791		4 hors.
16	Mr. Abdul Rehman	35404-1574160-7	Farooq Nagar Rasool Nagar City Skp	0322-8487717		4 hors.
17	Mr. M.Zulkarnain	35404-3270776-7	Old City	0307-6517177		4 hors.
18	Mr. Qasimm Khan	35404-1372534-5	Old City	0345-6293974		4 hors.
19	Mr. Amjid Ali	35404-7631829-7	Mohallah Mujahid Nagar Skp	0304-4110684		4 hors.
20	Mr. Bilal Hussain	35404-	St. Syed Ghulam Haidar	0303-2481173		4 hors.

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
		1673537-3	Wali Jandiala Road city Skp			
21	Mr. Muhammad Boota	35404-0382901-3	Dheer Da Mor	0322-7903815		4 hors.
22	Mr. Mukhtar Ahmed	35404-8528292-9	Ghang Village Skp	0345-4945647		4 hors.
23	Mr. Muhammd Zulfiqar	35404-5578221-7	Ranike Minara Skp	0335-4298457		4 hors.
24	Mr. Akbar Ali	35404-4485729-3	Chargia Colony Safdarabad	0320-4407424		4 hors.
25	Mr. Muhammad Akram	35404-0285513-1	Dera Nigah Farooqabadd	0305-8796625		4 hors.
26	Mr. Muhammad Aslam	35404-1315464-1	-do-	0300-4043821		4 hors.
27	Mr. Shahid Mehmood	35404-5769572-7	Mohallah Hanjarnwala	0300-4241082		4 hors.
28	Mr. Touqir Zahid	35404-6893594-3	Nasheman Park Housing Colony Skp	0312-0042745		4 hors.
29	Shahid Mehmood	35404-3525650-1	Rao Park Jandyala Road Skp	0311-7023562		4 hors.
30	Mr. Tariq Mehmood	35404-3095573-7	Mohallah Sheesh Mehal Skp	0347-143903		4 hors.
31	Mr. Imran Ali	35404-3219262-1	Dera Sappanwala Jewan Pura Skp.	0342-4552916	-	4 hrs.
32	Mr. Amanat Ali	35404-8135606-1	Mohalla Raam Ghara St.1, Skp.	0321-4460055	-	4 hrs.
33	Mr. Muhammad Aslam	35404-6270110-7	Mohallah Khokhar Town Bhikhi Road Skp.	0321-4140731	-	4 hrs.
34	Mr. Irfan Maqbool	35404-1472424-7	Mohjallah Rasool Nagar St.5 Skp.	0341-5473976	-	4 hrs.
35	Mr. Sabir Hussain	35404-1867191-3	St. No.6 Rahmet Colony No.2 city Skp.	0321-7997126	-	4 hrs.
36	Mr. Toufeeq-ur-Rehman	35404-3488946-3	OldCity Mohallah Khand Puriyan	0300-8032057	-	4 hrs.
37	Mr. Muhammad Amin	35401-5801194-1	-do-	0313-8463031	-	4 hrs.
38	Syed Ali Imran	35401-9321832-5	Imamia Colony Ferozewala	0320-4451596	-	4 hrs.
39	Mr. Asghar Ali	35401-1800847-1	Khan Pur Tehsil Ferozewala Skp.	0334-9982856	-	4 hrs.
40	Mr. Amjad Ali	35200-1554668-9	Haji Kot Kala Khati Road Skp.	0335-1147093	-	4 hrs.
41	Mr. Muhammad Ismail	35401-2251826-7	-do-	0344-4076895	-	4 hrs.
42	Mr. Muhammad Ghazanfar,	35401-1494074-7	-do-	0344-5109223	-	4 hrs.
43	Mr. Muhammad Naveed	35401-7929027-7	Muhammad Pura, Sri Rampura Ferozewala	0346-4642394	-	4 hrs.

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
			Skp.			
44	Mr. Muhammad Shakeel	35405-0382132-3	-do-	0343-6273095	-	4 hrs.
45	Mr..Muhammad Akhtar	35405-0386887-5	-do-	0341-4699491	-	4 hrs.
46	Mr. Abdul-ur-Rehman	35405-0507596-7	MohallahMuslimPark Narang Mandi Skp.	0313-4425625	-	4 hrs.
47	Mr. Nisar Ali	35405-0408234-3	MohallahMuslimPark Narang Mandi Skp.	0324-9426477	-	4 hrs.
48	Mr. Nadeem Iqbal	35401-1851870-5	-do-	0321-7418883	-	4 hrs.
49	Mr. Muhammad Akram	35405-0396378-5	MohallahMuslimPark Narang Mandi Skp.	0301-4108936	-	4 hrs.
50	Mr. Muhammad Gulfam	35201-2180713-5	Herdo Sechool Narang Mandi Skp.	0343-0658598	-	4 hrs.
51	Mr. Muhammad Faizan	35405-0457008-3	Zafar St. Narang Mandi Skp.	0302-9199141	-	4 hrs.
52	Mr. Zaid Liaqat	35405-0455268-7	-do-	0306-4563135	-	4 hrs.
53	Mr. Faisal Mehmood	35405-0426772-9	Mehta Soujh, Narang Mandi Skp.	0343-4924509	-	4 hrs.
54	Mr. Ashaq	35405-0347362-3	-do-	0343-1042405	-	4 hrs.
55	Mr. Muhammad Waseem	35405-0504970-9	-do-	0342-5862399	-	4 hrs.
56	Mr. Yasar Mehmood	35405-0462640-7	-do-	0343-4590208	-	4 hrs.
57	Mr. Qurban Ali	35405-0437199-9	-do-	0346-7940769	-	4 hrs.
58	Mr. Shahbaz Hussain	35404-1273749-7	Jiwan pura Kalan City Skp	0345-4506357	-	4 hrs.
59	Safdar Ali	35404-9928704-5	Ghosia Park Jandyala Road Skp	0322-5340521	-	4 hrs.
60	Mr. Muhammad Ayub	35404-7904526-1	AllamaMashraqiParkCity Skp	0305-5636049	-	4 hrs.
61	Mr. Husnain Abbas	35501-0532114-1	Pinjran Wali Nankana Sahib	0301-6153880	-	4 hrs.
62	Mr. Amjad Ali	35501-0231545-7	Pinjran Wali Nankana Sahib	0307-4047478	-	4 hrs.
63	Mr. Tasadq Hussain	35401-3655268-9	SultanPark Murdike	0300-4836873	-	4 hrs.
64	Mr. Zahid Ali	35405-0491985-3	Waheed Abad Muridke	0310-1497304	-	4 hrs.
65	Mr. Bilal Mubarak	35401-5434014-9	Lathy Pur Tehsil Ferozewala		-	4 hrs.
66	Syed Fazal Abbas	35401-4547147-6	Imamia Colony Tehsil Ferozwala	0305-6206953	-	4 hrs.
67	Mr. Muhammad Asif	35404-1422378-5	Kharyan Wala Skp	0340-1413841	-	4 hrs.
68	Syed Zaigham Abbas	35404-0110563-3	Rakh Machike	0345-6662917	-	4 hrs.
69	Sajjad Ahmed	35404-7703915-7	Jhamke Skp	0346-7455244	-	4 hrs.
70	Mr. Waqas Ali	35404-2314551-3	Tariq Road Skp	0345-4517871	-	4 hrs.

Registered Volunteers by Rescue1122 Sheikhupura:- 1412

Active Volunteers:- 1385 (up to 10-05-2017)

## ANNEX IX: POLITICAL CONSTITUENCIES

National Constituencies				Provincial Constituencies			
Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number	Name of constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number
NA-131	Rana Afzaal Ahmed Khan	MNA	03008415909	PP-162	Ch. M. Ihsan Riaz	MPA	03334182224
			03014492192	PP-163	Khurram Ijaz	MPA	03214427915 03214427917
NA-132	Rana Tanveer Hussain	Minister of Defence Production, Science & Technology	03218442255	PP-164	Pir M. Ashraf Rasool	MPA	03218493721 03413487132
			03008442255	PP-165	Ali Asghar Manda	MPA	03008575164 03218444940
NA-133	Mian Javed Latif	MNA	03008438700	PP-166	Faizan Khalid Virk	MPA	03214433100 03334442331
			03227270872	PP-167	Arif Khan Sandheela	MPA	03004727265
NA-134	Sardar Irfan Dogar	MNA	03018468684	PP-168	Ali Suleman	MPA	03218400010
			03218468684	PP-169	Sajjad Haider	MPA	03008448945

## ANNEX X: LOCAL GOVERNMENT

### District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number
1	District Chairman	Sheikhupura	Rana Ahmad Attiq Anwar	0569200011	0300-9426353
2	District Vice Chairman	Sheikhupura	M. Akram Saeed Bhatti	056-9200015	0333-4294088
3	Tehsil Chairman	Sheikhupura	Jahanzaib Khan	056-9200286	0300-9492941
4	Chairman MC,SKP	Sheikhupura	Mian Amjad Latif	056-9200174	0322-4041000 0300-4246080
5	CO District Council, SKP	Sheikhupura	Asad Abbas Magsi	056-920011	0301-6500001
6	CO, MC, SKP	Sheikhupura	Uziar Anwer	056-9200174	0333-4428502
7	Chairman MC, Farooqabad	Sheikhupura	Sajjad Hussain Shah	-	0300-4257073
8	CO, MC, Farooqabad	Sheikhupura	Mian Usman	-	0322-5734508
9	Chairman MC, Manawala	Sheikhupura	Haji Bashir Ahmed	-	0345-7696114
10	CO, MC, Manawala	Sheikhupura	Farah Zuhra	-	0321-4999173
11	Chairman, MC F/W	Sheikhupura	Ch. Farhan Badar	-	0333-4088015
12	CO, MC, Ferozewala	Sheikhupura	Ahsan Inyat	-	0342-6667200
13	Chairman, MC Kot Abdulmalik	Sheikhupura	Mehar Ilyas	042-37932877	0321-4137686
14	CO, Kot Abulmalik	Sheikhupura	Tanveer Balooch	-	0333-4548091
15	Chairman MC, Muridke	Sheikhupura	Sheikh Shabir Ahmad	-	0300-4023032
16	CO, MC Muridke	Sheikhupura	Qazi Abid	-	0333-8163165
17	Chairman, MC, Narang Mandi	Sheikhupura	Malik Muhammad Arif	-	0300-8406340
18	CO, MC Narang Mandi	Sheikhupura	Ahtisham	-	0301-8483232
19	Chairman, MC Sharaqpur	Sheikhupura	Imran Ali Ashraf	-	0300-8356666
20	CO, MC Sharaqpur	Sheikhupura	Imran Danish	-	0300-4177126
21	Chairman MC, Safdarabad	Sheikhupura	Khaild Mehmood Bhatti	-	0300-4245319 0340-4200511
22	CO, MC, Safdarabad	Sheikhupura	Sajid Mushraf	-	0322-4444164
23	Chairman, MC Khanqa Dogran	Sheikhupura	Haji Ali Akbar Dogar	-	0308-4078828
24	CO, MC, Khanqa Dogran	Sheikhupura	Iqbal	-	0300-4119685

## UC Level

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
1	Muridke	Gharyal Kalan	Mehmood Aftab	03454337548	Naveed Ahmad Bhatti	03084533969
2	=do=	Nanghal Bhurar	Ijaz Sikandar Bhatti	03014106940	Mohsin Akram	03454744816
3	=do=	Mehta Sojha	Rana Qurban Ali	03456679332	Nasrullah	03484027832
4	=do=	Hardu Ladheke	Shahbaz Jathol	03007127643	Saleem Akhtar Saroya	03456363502
5	=do=	Kuchli Virk	Ali Riaz	03215550499	M. Sarfraz	03215333097
6	=do=	Kirto	Aftab	03444142315	Khalid Pervaiz	03004474756
7	=do=	Adhian	M. Jahangir Anjhum	03244949080	Mujahid Ali	03043607400
8	=do=	Rata Gujran	Wajahat Ali Khan	03004558141	M. Yousaf Khan	03054595030
9	=do=	Kala Khatae	M. Yousaf Khan	03456363163	Khadim Hussain	03444264131
10	=do=	Lambray	Azam Riaz Gujjar	03004990001	Nazir Ahmed Kamboo	03014392388
11	=do=	Nangal Sadhan	R.Haseeb	03004279678	Ghulam Nabi	03004460508
12	=do=	Mahay	Ra. Ghulam Mustafa	03004334975	Khalil Ahmad Virk	03424257337
13	=do=	Dharor Muslim	M. Hussain	03024635003	Haji Shabbir Ahmad	03008002545
14	=do=	Nangal Khaswala	R. Atiq Anwar	03008437401	Irfan Ahmed	03014136649
15	=do=	Sheikhupura Bedad	Hamid Nasir Gujjar	03004322486	Ijaz Haider	03004340143
16	=do=	Noon	Arshad Virk	03008459072	Waqarul Hassan	03344882447
17	=do=	Bhaianwala	R. Rehmat Ali	03219465677	R.Mulazim Ali	03214038992
18	=do=	Khatiala Virkan	Yasir Iqbal	03009410807	R. Amir Mushtaq	03007862949
19	=do=	Qila Sattar Shah	R. Asif Mehboob	03014243231	S. Aqeel Abbas	03004364302
20	Ferozewala	Luban Wala	Yargil Khan	03454200447	M.Ashraf	03444408541
21	=do=	Barath	Imdad Ali Bhatti	03454346293	M.Sarwar	03014054874
22	=do=	Chak No.44	R. Imran Qaiser	03459430389	M. Asif Khokhar	03212222164
23	=do=	Chak No.49	Haji Shahid Hayat	03004116463	M.Abbas Mughal	03008061832
24	=do=	Shamke	Malik Hussain Shabbir	03219000421	Ch. M. Ashiq	03216470026
25	=do=	Kot Pindidas	Haji M. Jameel	03454316631	Abdul Rasheed	03454662058

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
26	=do=	Mandiali	Malik Ahmed Khan	03009416645	Haji Muhammad	03354175915
27	=do=	Wandala Dyal Shah No.1	Qasim Ali	03004414225	R. Abdul Shakoor	03014051983
28	=do=	Wandala Dyal Shah No.2	Zahid Chohan	03129408059	Mirza Rashid Baig	03434343463
29	=do=	Wandala Dyal Shah No.3	M. Asif	03214460815	R.Waqar Ahmed	03234937777
30	=do=	Dacca	Ch. Shahbaz Ahmed	03214270138	Malik Zulifqar	03004127074
31	=do=	Faizpur Khurd	Malik Zaheer Ahmed	03008402367	Ghulam Hussain	03004143821
32	=do=	Buraj Attari	Aftab Hussain	03446501534	Aman Javed	03214235104
33	=do=	Moranwala	Malik Zulfiqar	03004281676	Rehmat Ali Bhatti	03008031117
34	=do=	Rana Bhatti	Malik Naveed	03227770555	Tawakal Ullah	03004179965
35	=do=	Moman Pura	Ijaz Hussain Bhatti	03205555221	Haji Maqsood	03334353602
36	=do=	Khanpur	Malik Imran	03004104147	Umer Hayat	03074753681
37	Sharaqpur	Dhamke	Rana Shoukat	03014882865	Asim Ali	03004080718
38	=do=	Mandianwala	M.Ramzan	03224311583	S. Abdul Ahad	03454528808
39	=do=	Sehjowal	M.Zubair	03414784850	Malik Sabir	03064163909
40	=do=	Chak#22	Afzal Dhillon	03218841476	Ashiq Hussain	03316381715
41	=do=	Marh Bhangan	Zaka Ullah	03004285216	Irfan Ali	03004745268
42	=do=	Quraishianwala	Mazhar Hussain	03414784850	Ch. Moazzam Ali	03214266442
43	=do=	Kot Mehmood	Malik Akhtar	03484335308	Irshad Ali	03008437378
44	=do=	Fiazpur Kalan	Shoukat Hayat	03018494586	Ansar Ali	03008473591
45	Sheikhupura	Mallian Kalan	Masood Ahmed	03009403436	Major Hassan	03334236883
46	=do=	Mandiala Virkan	Luqman Dogar	03004169053	Malik Faisal	03225909380
47	=do=	Chechoke Mallian	Malik Jamshed	03459443550	Sunallah Virk	03244319042
48	=do=	Kot Ranjeet	Ch. M. Riaz Virk	03214137652	Haji Abdul Rehman	03217780152
49	=do=	Herdev	Ghareeb Alam	03004652862	Naveed Ahmed	
50	=do=	Mirzan Virkan	Arif Hussain Virk	03224420281	Usman Ali	03214116916
51	=do=	Kuralke Manara	M. Yasin	03065578804	Haji Saleem	03004905404
52	=do=	Rukh Herin	M. Hussain	03214641786	R. Tariq	03078608939

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
		Minar			Mehmood	
53	=do=	Ghazi Menara	Sultan Sarwar	03007749455	Saeed Shah	03004142332
54		Ghang	M. Nawaz	03436600115		
55	=do=	Gewanpura	Shahbaz Ahmed	03000807429	M. Javed	03024325621
56	=do=	Kadlathi	M. Murtaza	03465535947	M. Akhtar	03159200105
57	=do=	Murade Kalan	Faiz Ahmed virk	03004123621	Abubakar Sarwar	03217164797
58	=do=	Mudwala Kalan	Haji M.Afzal	03213785666	Ghulam Fareed	03014394020
59	=do=	Kuralke Androon	Azrar Khan	03446600345	M. Khalil	03338476660
60	=do=	Bharianwala	Safdar Ali	03217991314	Abid Ali	03216955186
61	=do=	Bahoman	Amjad Abbas	03227201730	M. Riaz	03446148387
62	=do=	Bhekhi	Ashiq Hussain	03008462995	Khalil Ahmed	03000999923
63	=do=	Kharianwala	Haji M. Akram Saeed	03214405790	Liaqat Ali	03456341113
64	=do=	Tibbi Hambo	Sakhawat Ali	03004652824	M. Saleem	03227990463
65	=do=	Ferozewattwan-1	M. Aslam Watto	03008444272	Imran Nazar	03004404975
66	=do=	Ferozewattwan-2	Malik Riaz	03014425976	Abbas Ali	03004633706
67	=do=	Bhuttar	M. Shariq	03014146813	Jahagir	03009404786
68	=do=	Nokhar	Ch. Shahbaz	03008863100	R. Nadir	03004658153
69	=do=	Jhamke	Tariq Mehmood	03004051183	R. Rashid	03014415012
70	=do=	Village Muridke	Usman Zahoor	03014921941	M. Mushtaq	03004967842
71	=do=	Kaloke	Shafqat Shah	03008875346	Arif Hussain	030743625051
72	=do=	Peerwaris Shah	Farooq Akbar	03018484110	Waqar Sharif	03004590050
73	=do=	Waran	M. Boota Gujjar	03018891125	M.Waris	03411482380
74	=do=	Jhabbran	Jahanzaib Khan	03007439048	Dr.Abid Hussain	03124475512
75	=do=	Kakar Gill	Sardar Shahzad	03058479971	Nadeem Abbas	
76	=do=	Keley	Mian Kaleem	03007439048	Mumtaz Hussain	03008189402
77	=do=	Ajnian wala	Haji Ayaz	03008229691	Ashiq Hussain	03076881134
78	=do=	Gujiana-Nau	Abdul Sattar	03456291135	Atta Ullah	03004859234
79	=do=	Rachand	M. Ahsan Ullah	03336646622	S. Waqat Hayat	03024594302
80	=do=	Esherke	Akbar Ghadi	03004360066	Maqsood	03450358422
81	=do=	Farooqabad	Shahzad Ahmed	03008463221	Hammad Gujjar	

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
		Village				
82	=do=	Kot Sundhan	Eshan ullah	03004917251	Sultan Qaiser	03004108781
83	=do=	Jatri Kohana	Ch. M. Shabbir	03446633966	Shaheryar Dogar	03004774003
84	=do=	Makki	Manzoor Ahmed	03008020167	Yawar Saeed	03440418365
85	=do=	Lagar	Pervaiz Iqbal	03454433665	Falak Sher gujjar	03007429990
86	=do=	Manawala Karpal Singh	M. Jameel Kambo	03006664414	R.Tariq Javed	030043920168
87	=do=	Manawala Jodh Singh	Zafar Iqbal	03456313370	M. Islam	03014676773
88	=do=	Manawala Sham Singh	M. Irshad	03217993863	Karamat Ali	03424252712
89	=do=	Salar Bhattian	Jahangir Bhatti	03218162222	Munib Bhati	03004657960
90	=do=	Cheena	M. Imran Ashraf	03351486274	Khizar Hayat	03004201552
91	=do=	Rehman Abad	Mian Imran Haider	03004966033	M. Irashad Kambo	03214507265
92	=do=	Bhalike	M.Irshad	03456288806	Sohail Irshad Dogar	03466328297
93	=do=	Chak No. 15 Beori	Sardar Azarul Haq	03018497600	Sheed Hussain	03451084475
94	=do=	Chak No. 170 RB	Ahmad Waga	03447694113	Ch. Bilal Ahmed	03466312744
95	=do=	Chak No. 20 Mandiala	M. Saleem	03004841628		
96	=do=	Chak No.78 Nawan Pind	Khalil Ahmed Awan	03458988087	Mohsin Ali Kambo	030050684160
97	=do=	Chak No. 13 Dhabban kalan	Sardar M. Ibbad	03004489999		
98	=do=	Chak No. 12 Rati Tibbi	M. Altaf	03448457082	Zulifqar Bhato	03474212487
99	=do=	Abdullah Kolar	Javaid Asghar	03008165780	M. Zaid Nawaz	03007713571

# ANNEX XI: DATA COLLECTION PERFORMAS

## P1: House Damage Assessment

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name	Father Name	CNIC	Address	Revenue Estate	Union Council	Tehsil	Partially/Completely	Katcha/Pakka	%age of Damage	Contact No.	GPS Coordinates	Picture Taken (Y/N)
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## P2: Deceased Person Reporting Performa

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of deceased	Father's name	Address	Domicile	Gender	Age	CNIC	Cause of death	Date of death	Place of death	Marital status	Next of kins (Name and Contact and CNIC etc.)	Verifying Officer (Name, Designation and Contact)	Compensation Paid or not
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## P3: Injurd Person Reposrting Performa

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of injured	Father's name	Address	Domicile	Gender	Age	CNIC	Cause of injury	Date of injury	Injury Type (Permanent or Temporary)	Compensation Paid or not
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**P4: Cattle Head Perished**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of Farmer	Father Name	CNIC	Mauza	Tehsil	Type of Animals	Number of Animals (Cow, sheep etc.)	Vaccinated/ Unvaccinated	Witness 1 name and contact No.	Witness 2 Name and Contact No.
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**P5: Crop Damages**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Tehsil	Qanoongoi	Union Council	Mauza	Farmer Name	Land owner/Tenant	CNIC of farmer	Contact number	Type of Crops	Total land affected (acres)	% of mauza affected
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**P6: Relief Distribution Tracking Performa**

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Location/ Destination	Arrival Date and time	Items	Quantity	Items short (if any)	Items sent by	Driver name	Received by	Bilty no
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**P7: Private Machinery (Boats, Bulldozers, cranes etc.)**

In case of mega disaster that overwhelms the resources of the Government in certain area, the equipment of private owners are engaged to continue with evacuation, rescue or relief services. The following template is filled to maintain a record of boat owners that might be engaged at the time of a disaster.

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of boat owner	Father name	Contact Number	Age	CNIC	Location of boat/Machinery	Type of Machinery (Boat, Bulldozers, Cranes etc.)	Engine type	Boat capacity	Equipment Condition	Number of Machinery
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**P8: Relief camp registration Performa**

New entrants in the relief camps should be documented on a weekly basis by utilizing the following template:

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Nationality	Domicile	Male	Female	Age	Children Under 12	Infants under 3	Sick	Injured	Pregnant
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**P9:NGOs registration performa**

All the Non-Governmental Organizations operating in the disaster affected areas should register themselves at PDMA's website. The following template has been developed for NGOs assisting the Government in disaster response.

District: \_\_\_\_\_

Date: \_\_\_\_\_

S#	Name of NGO	Local /INGO	Relief activity	Relief camp if any	Focal person in the district	Registered with PDMA	Foreigners to be visiting or not.
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**P10: Control Room**

PDMA requires all districts to setup a control room at the incidence of a disaster. This control room would plan and execute a well-knit Governmental disaster response by bringing together all representatives of the various Governmental departments. This control room would be operational around the clock and PDMA must be informed about its operation and in-charge by filling the following template:

District: \_\_\_\_\_ Focal Person: \_\_\_\_\_ Date: \_\_\_\_\_

S#	Location of control room	Shift I Incharge Name and Contact	Shift II Incharge Name and Contact	Shift III Incharge Name and Contact	Phone Numbers	Fax Numbers	E- Mail Address
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## ANNEX XII: CAMP MANAGEMENT SOPS

- Camps would be established in areas accessible by metalled roads so that provision of essential facilities is not difficult
- Basic facilities such as food, clean drinking water, health, hygiene and sanitation should be available at these shelters.
- Proper registration mechanism should be in place to differentiate between those actually affected and cunning opportunists
- Proper security system should be in place in coordination with the local police as the presence of police always acts as deterrence for criminals who may be attracted to such places.
- Emergency medical care should be available as well as a proper firefighting system as fire out breaks are common in such tents
- Proper camp management should be announced and notified and there should be a complaint cell as well
- A proper distribution mechanism should be in place to ensure that the needy get what they deserve.
- Scattered camps should be catered for and encouraged to join the main camp.
- At times shallow hand pumps are not safe for drinking as the water underground has been affected. In such cases clean medicated water should be provided through water bowsers.
- Vector control is an essential part of the camp management and steps should be taken to remove rats, snakes and mosquitoes etc.
- Un-accompanied and missing children shall be placed separately with proper care and fulfilment of their physical and psycho-social needs.
- Needs of women as per local and cultural environment shall be considered for establishing separate relief camps for ladies with provision of proper security and light arrangements.

<b>Land</b>	<b>3.0-4.5 square meter per person</b>
<b>Shelter</b>	3.5 square meter per person
<b>Water</b>	15-20 liters per person per day
<b>Food</b>	2100 kcal per person per day
<b>Toilet</b>	One per family of 6-10 persons
<b>Health Centre</b>	One per 20,000 persons
<b>Child Friendly Spaces</b>	2-4 year olds- 15 children:2 facilitators
	5-9 year olds-20 children : 2 facilitators
	10-18 year olds- 30 children :2 facilitators
<b>Hospital</b>	One for as many as 200,000 persons

## ANNEX XIII: FLOOD BUNDS

### INFORMATION REGARDING FLOOD BUND CATEGORY A

SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
<b>SARGODHA ZONE</b>			
1	Rasul Head works Division	Right Guide Bund	2,121
2	-do-	Left Guide Bund	3,360
3	-do-	Right Guide Spur	2,762
4	-do-	Left Marginal Bund	17,170
<b>Total in feet.</b>			<b>25,413</b>
<b>Total in Miles.</b>			<b>4.81</b>
<b>PMO BARRAGES</b>			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
<b>Total in feet.</b>			<b>25,080</b>
<b>Total in Miles.</b>			<b>4.75</b>
<b>FAISALABAD DIVISION</b>			
1	Khanki Division	Left Marginal Bund	21,000
2	-do-	Right Marginal Bund	29,000
3	Jhang Division	Jhang Flood Protection Bund	43,875
4	Qadirabad Barrage Division	Left Marginal Bund	20,000
5	-do-	Right Marginal Bund	20,000
<b>Total in feet.</b>			<b>133,875</b>
<b>Total in Miles.</b>			<b>25.36</b>
<b>BAHAWALPUR ZONE</b>			
1	Punjnad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000
<b>Total in feet.</b>			<b>55,000</b>
<b>Total in Miles.</b>			<b>10.42</b>
<b>MULTAN ZONE.</b>			
1	Trimmu Division	Right Marginal Bund	20,000
2	-do-	Left Marginal Bund	20,000
3	Sulemanki Division	Left Marginal Bund	10,000
4	-do-	Right Marginal Bund	10,000
5	Shuja Canal Division	Right Bank of Shujabad Branch	10,000
6	-do-	Akbar Flood Bund	10,000
<b>Total in feet.</b>			<b>80,000</b>
<b>Total in Miles.</b>			<b>15.15</b>
<b>D.G.KHAN ZONE</b>			
1	Taunsa Barrage	Right Guide Bund Upstream	15,000
2	-do-	Left Guide Bund	20,000
3	-do-	Shahwala Groyne	10,000
4	Muzaffargarh Canal Division	Muzaffargarh Flood Bund	50,000
5	-do-	Doaba Flood Bund.	5,000
6	-do-	Khargarh Flood Bund	5,000
7	-do-	Khanwah Flood Bund	5,000
8	Jampur Construction Division	Jampur Flood Bund	5,000
9	-do-	Rojhan Flood Bund	20,000
<b>Total in feet.</b>			<b>1,35,000</b>
<b>Total in miles</b>			<b>25.57</b>
<b>LBDC(IP)</b>			

1	Balloki Head works Division	Left Marginal Bund	15,000
2	do	Right Marginal Bund	15,000
<b>Total in Feet</b>			<b>30,000</b>
<b>Total in miles</b>			<b>6</b>
<b>LAHORE ZONE</b>			
1	FLOOD Bund Division Narowal	Jassar Highway Bund	10,000
2	do	Rayya flood Bund	5,000
3	Pasrur Link Division Sialkot	City Flood Protection Bund along Aik Nullah	7,340
4	do	Hajoipur Flood Protection Bund along Aik Nullah	86,00
5	do	Left Flood Protection Bund over deg Nullah from defence embankment to Zafarwala Kingra road	10,000
6	Marala Division UCC	Left Marginal Bund	50,000
7	do	Right Marginal Bund	10,000
8	Lahore Drainage Div.	Shahdara Flood Protection Bund	15,000
<b>Total in Feet</b>			<b>115,940</b>
<b>Total in miles</b>			<b>22</b>
<b>Grand total in miles</b>			<b>114</b>

**INFORMATION REGARDING FLOOD BUND CATEGORY B**

S#	Name of Division	Name of Embankment / Bund	Length (ft.)
<b>SARGODHA ZONE</b>			
1	Rasul Headworks Division	Important / Vulnerable Reaches	10,000
2	Bhakkar Division	-do-	10,000
3	Layyah Division	-do-	10,000
4	Jhelum Division	-do-	5,000
<b>Total in feet.</b>			<b>35,000</b>
<b>Total in miles</b>			<b>6.63</b>
<b>FAISALABAD ZONE</b>			
1	Khani Division	-do-	20,000
2	Jhang Division	-do-	50,000
3	Qadirabad Barrage Division	-do-	60,000
4	Burla Division	-do-	35,000
<b>Total in feet.</b>			<b>165,000</b>
<b>Total in miles</b>			<b>31.25</b>
<b>BAHAWALPUR ZONE</b>			
1	Punjad Headworks Division	-do-	90,000
2	Khanpur Canal Division	-do-	100,000
3	Bahawalpur Canal Division	-do-	50,000
4	Rahimyar Canal Division	-do-	50,000
<b>Total in feet.</b>			<b>290,000</b>
<b>Total in miles</b>			<b>54.92</b>
<b>MULTAN ZONE</b>			
1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000

3	Shujabad Canal Division	-do-	60,000
	<b>Total in feet.</b>		<b>190,000</b>
	<b>Total in miles</b>		<b>35.98</b>
<b>D.G.KHAN ZONE</b>			
1	Taunsa Barrage	-do-	80,000
2	Kot Adu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
	<b>Total in feet.</b>		<b>630,000</b>
	<b>Total in miles</b>		<b>119.32</b>
<b>LBDC (IP)</b>			
1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000
	<b>Total in feet.</b>		<b>100,000</b>
	<b>Total in miles</b>		<b>18.94</b>
<b>LAHORE ZONE</b>			
1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
	<b>Total in feet.</b>		<b>422,000</b>
	<b>Total in miles</b>		<b>79.92</b>
<b>PMO BARRAGES</b>			
1	Jinnah Barrage	-do-	20,000
	<b>Total in feet.</b>		<b>20,000</b>
	<b>Total in miles</b>		<b>3.79</b>
	<b>Grand Total (in miles)</b>		<b>350.76</b>

## ANNEX XIV: RIVER DISCHARGE RATES

River	Gauge Site	Designed Capacity (lac Cs)	Flood Limits in Lac Cs.				Exp. High
			Low	Med:	High	Very High	
INDUS	Kalabagh	9.5	2.5	3.75	5	6.5	8
	Chashma	10	2.5	3.75	5	6.5	8
	Taunsa	10	2.5	3.75	5	6.5	8
JHELUM	Kohala	12	1	1.5	2	3	4
CHENAB	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
	Marala	11	1	1.5	2	4	6
	Khanki	8	1	1.5	2	4	6
	Qadirabad	9	1	1.5	2	4	6
	Trimmu	6.45	1.5	2	3	4.5	6
RAVI	Punjnad	7	1.5	2	3	4.5	6
	Jassar	2.75	0.5	0.75	1	1.5	2
	Ravi Syphon	4	0.4	0.65	0.9	1.35	1.8
SUTLEJ	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
	Balloki	2.25	0.4	0.65	0.9	1.35	1.8
	Sidhnai	1.5	0.3	0.45	0.6	0.9	1.3
	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	
	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
SUTLEJ	Islam	3	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4	0.75	1.1	1.5	2.25	3

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## ANNEX XV: LIST OF BASIC TERMS

### Acceptable risk

The level of loss a society or community considers it can live with and for which it does not need to invest in mitigation

### Biological hazard

Biological vectors, micro-organisms, toxins and bioactive substances, which may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation.

### Capacity

A combination of all the strengths and resources available within a community, society or organization that can reduce the level of risk, or the effects of a disaster.

Capacity may include physical, institutional, social or economic means as well as skilled personnel or collective attributes such as leadership and management. Capacity may also be described as capability.

### Capacity building

Efforts aimed to develop human skills or societal infrastructure within a community or organization needed to reduce the level of risk. In extended understanding, capacity building also includes development of institutional, financial, political and other resources, at different levels of the society.

### Climate change

The climate of a place or region is changed if over an extended period (typically decades or longer) there is a statistically significant change in measurements of either the mean temperature or variability of the climate for that region.

### Coping capacity

The means by which people or organizations use available resources and abilities to face a disaster. In general, this involves managing resources, both in normal times as well as during crises or adverse conditions.

### Disaster

A serious disruption of the functioning of a community or society causing widespread human, material, economic or environmental losses which exceed the ability of the affected community or society to cope using its own resources. It results from the combination of hazards, conditions of vulnerability and insufficient capacity to reduce the potential negative consequences of risk.

### Disaster risk management (DRM)

The comprehensive approach to reduce the adverse impacts of a disaster. DRM encompasses all actions taken before, during, and after the disasters. It includes activities on mitigation, preparedness, emergency response, recovery, rehabilitation, and reconstruction.

### Disaster risk reduction/disaster reduction

The measures aimed to minimize vulnerabilities and disaster risks throughout a society, to avoid (prevention) or to limit (mitigation and preparedness) the adverse impacts of hazards, within the broad context of sustainable development.

### Early warning

The provision of timely and effective information, through identified institutions, to communities and individuals so that they could take action to reduce their risks and prepare for effective response.

### Emergency management

The management and deployment of resources for dealing with all aspects of emergencies, in particularly preparedness, response and rehabilitation

### Forecast

Estimate of the occurrence of a future event (UNESCO, WMO). This term is used with different meanings in different disciplines.

### Geological hazard

Natural earth processes that may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation. For example earthquakes, tsunamis, volcanic activity and emissions, landslides, rockslides, rock falls or avalanches, surface collapses, expansive soils and debris or mud flows.