

# DISTRICT DISASTER MANAGEMENT PLAN 2021

Division: BAHAWALPUR

District: BAHAWALPUR



IDP Camp in 2009



Earthquake



Floods in 2014



Fire incident at Lahori Gate, Lahore – Jan 2016

Prepared by:

**PUNJAB EMERGENCY SERVICE RESCUE 1122, BAHAWALPUR**

Approved by:

**DISTRICT CIVIL ADMINISTRATION, BAHAWALPUR**



## Table of Contents

---

Executive Summary .....	1
Aim and Objectives.....	2
District Profile .....	3
Coordination Mechanism .....	9
Risk Analysis .....	18
Mitigation Strategy .....	22
Early Warning .....	25
Rescue Strategy .....	27
Humanitarian Assistance .....	27
Annex I: Identified sites for displaced persons .....	30
Annex II: List of hazard prone villages/ Revenue Estate (NAMES REquired) .....	31
Annex III: List of Health Facilities and their vulnerability to Hazards .....	33
Annex IV: List of vulnerable Educational institutions .....	34
Annex V: List of Industries with their risk level .....	37
Annex VI: List of NGO working in the District.....	52
Annex VII: Contact list of main stakeholders / departments .....	68
Annex VIII: List of volunteers.....	70
Annex IX: Political Constituencies .....	75
Annex X: Local Government .....	76
Annex XI: Data Collection Performas .....	82
Annex XII: Camp Management SOPs .....	85
Annex XIII: Flood Bunds .....	86
Annex XIV: River Discharge Rates.....	89
Annex XV: List of Basic Terms.....	90

---

## Hill Torrent

Estimated number of people at risk of **hill torrent** in 2016



Risk: High

## Earthquack

Estimated number of people at risk of Hill Torrent in 2016



Risk: Medium

## Flood

Estimated number of people at risk of earthquake in 2016



Risk: Low

## Epidemics

Estimated number of people at risk of epidemic in 2016



Risk: Medium

## EXECUTIVE SUMMARY

This Disaster Management Plan has been developed on the template provided by the PDMA Punjab. It is designed for comprehensive disaster management within the district. It focuses on minimizing the effects of the hazards on local communities by ensuring the coordinated effort in risk management within the community.

This plan has been designed around the Risk Management Standard, engaging the philosophy of a multi-agency, multi-sector approach to risk minimization. The plan indentifies the risk environment for the district and outlines the key institutional and programming components relative to effective risk management and emergency response and recovery.

The plan is designed to enhance the capacity of all agencies to plan and respond to emergency situations more effectively. This is achieved through the combined processes of risk analysis, which provides a more realistic base of information upon which operational procedures take place.

## 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);
- To strengthen and upgrade the early warning system and communication channel to implement the directives of the help lines of all the operation centres.
- To develop strategy and harmonious interaction of all the stakeholders to develop a viable front against any disastrous situation.
- To devise policies and procedures to upgrade the safety kits, technical, human and material resource etc. in all the risk areas of the district and lay out effective plan to extend the resource bank efficiently in times of disasters.
- To execute the preparedness agenda of drills and exercise on regular basis.
- To monitor and evaluate the inventory both qualitatively and quantitatively.
- To devise and activate chain of command and control centre for steering trigger mechanism.
- To develop the culture of prioritizing and adapting the risk safety measures amongst the society in the wake of any emergency.

# DISTRICT PROFILE

## Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population	3,451,000
2.	No. of Tehsils	6
3.	No. of UCs	109
4.	No. of Revenue Estates	714
5.	Population Density (people per km <sup>2</sup> )	139
6.	Family Size	6
7.	Pop Growth Rate	2.10
8.	PCI	–
9.	District GDP/Annual Income	–
10.	Poverty Rate	–
11.	Patient/Doctor Ratio	22,446
12.	AMR	–
13.	IMR	100
14.	MMR	250,350
15.	Literacy Rate	47
16.	Global Acute Malnutrition (GAM) rate	–
17.	Severe Acute Malnutrition (SAM) rate	–
18.	Percentage of population having access to clean drinking water	95%
19.	Annual Crime	7564

### Population

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
3,451,000	1,045,000	950,000	756,000	708,000	155000

Source/Note: Click here to enter text.

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

Source/Note: Click here to enter text.

### Area (in acres)

Total Area of District in Km <sup>2</sup>	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
24830			

### Literacy Rate

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
35%	%	%	%	%	%	%

Source/Note: Click here to enter text.

#### Government Schools

		Schools	Enrollment
<b>Total/ Overall</b>		1,907	273,778
<b>Boys</b>	<b>Primary</b>	814	117,500
	<b>Middle</b>	119	20,676
	<b>High</b>	83	15,443
<b>Girls</b>	<b>Primary</b>	657	85,686
	<b>Middle</b>	164	17,908
	<b>High</b>	70	14,212
<b>Co-Education</b>	<b>Primary</b>		
	<b>Middle</b>		
	<b>High</b>		
<b>Special Education</b>			

#### Private Schools

		Schools	Enrollment
<b>Total/ Overall</b>		853	290,825
<b>Boys</b>	<b>Primary</b>	0	0
	<b>Middle</b>	190	64,600
	<b>High</b>	130	44,200
<b>Girls</b>	<b>Primary</b>	0	0
	<b>Middle</b>	278	94,520
	<b>High</b>	175	59,500
<b>Co-Education</b>	<b>Primary</b>	80	28,005
	<b>Middle</b>	0	0
	<b>High</b>	0	0
<b>Special Education</b>			

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

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	33	1		3	15	52
No of Students	28,670			2,484	3,876	35030

#### Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	84	4		150	238
Annual OPDs	1510036	240000			1750036
No of beds	356	210		300	866
Doctors Available	90	60		150	300
Paramedical staff	700	91			791
Ambulances available	11	11			22
Mobile Medical Units					

## 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	1988	5239	–	849	–	–	–	–
2	1992	10505	–	2856	–	–	–	–
3	1995	19660	–	1915	–	–	–	–
4	2014	5690	–	1230	–	–	–	–
5								
6								
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	Bahawalnagar, Muzaffargarh, Lodhran, Rahimyar Khan and Vehari.
Topographical Features	The city lies just south of the Sutlej River, and is the site of the Adam Wahan (Empress) Bridge, the only railway bridge over the Sutlej River in Pakistan. Today, Bahawalpur city is a thriving city of southern Punjab and the surrounding area is mostly agricultural. The city is connected to the rest of the country through rail, road and air link. Bahawalpur district covers an area of 24,830 square kilometres and comprises six tehsils (sub-districts) - Ahmadpur East, Bahawalpur, Hasilpur, Khairpur Tamewali and Yazman. Approximately two-thirds of the district is covered by the Cholistan desert, which extends into the Thar desert of India. Bahawalpur District is bounded by District Lodhran on the North, Bahawal Nagar on the East and Rahim Yar Khan on the West.
Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc. District Bahawalpur has a very hot and dry climate in summer. The maximum temperature touches 48.0C. The minimum temperature recorded is 7.2C. Rainfall in Bahawalpur varies from 3.0 to 168.0 (mm/month).

Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels. River Sutlej flows along the Northern boundary of the District Isalm Head works is located on Bahawalpur / Muzaffar Garh border of the District.
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels Sutlej River
Motorway/Highway	Vulnerable points of motorway/highway Nil
Railways	Vulnerable points of Railway Railway Bridge on the Sutlej River and Railway Station.
Geological features	e.g. fault line, mountainous areas etc. Nil

**Dams (including small dams)**

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

**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
Empressed Bund	12.05	Bahawalpur City	Bahawalpur City	Rest House	X: Y:	Nil
Jhangiwalla	5.18	Bahawalpur City	Bahawalpur City		X: Y:	Nil
Dera Bakha	0.28	Bahawalpur	Bahawalpur			Nil
Second Defense Lind	10.46	Bahawalpur	Bahawalpur			Nil

**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		
		X: Y:					
		X: Y:					
		X: Y:					

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

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Mari Sheikh Shajra	220 KV	X: 413288.86 Y:32421437750.01	Uch Sharif	132 KV	X:531983.66 Y:32364666895.42
Bahawalpur	132 KV	X:263581.00 Y:32476839009.19	Lal Sohanra	132 KV	X:520541.47 Y: 32521066551.34
Cantt: Bahawalpur	132 KV	X:418088.99 Y:32439146636.63	Khairpur Tamewali	132 KV	X:242458.76 Y: 32596923824.9
Baghdad-ul-Jadeed	132 KV	X:418088.99 Y:32439146636.63	Hasilpur	132 KV	X:356979.35 Y: 32676863151.90
Samma Satta	132 KV	X:362037.56 Y:32439602108.74	Yazman	66 KV	X:381290.29 Y: 3293507003.24
Ahamd Pur East	132 KV	X:243572.47 Y:3323447552.99	Kot Khalifa	132 KV	X:357393.15 Y: 3325297826.43
Headraikan	66 KV	X:780672.94 Y:3315748988.63	-	-	-

## Airport / Landing Strips

Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
International	Yazman Road, BWP	X:29.400 N Y: 71.63 E	-	-	X: Y:
		X: Y:	-	-	X: Y:
		X: Y:	-	-	X: Y:
		X: Y:	-	-	X: Y:

## Govt. storage facilities/warehouses in the district

Facility Type	Capacity	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
Warehouse	30x70"	X: Y:			X: Y:
		X: Y:			X: Y:

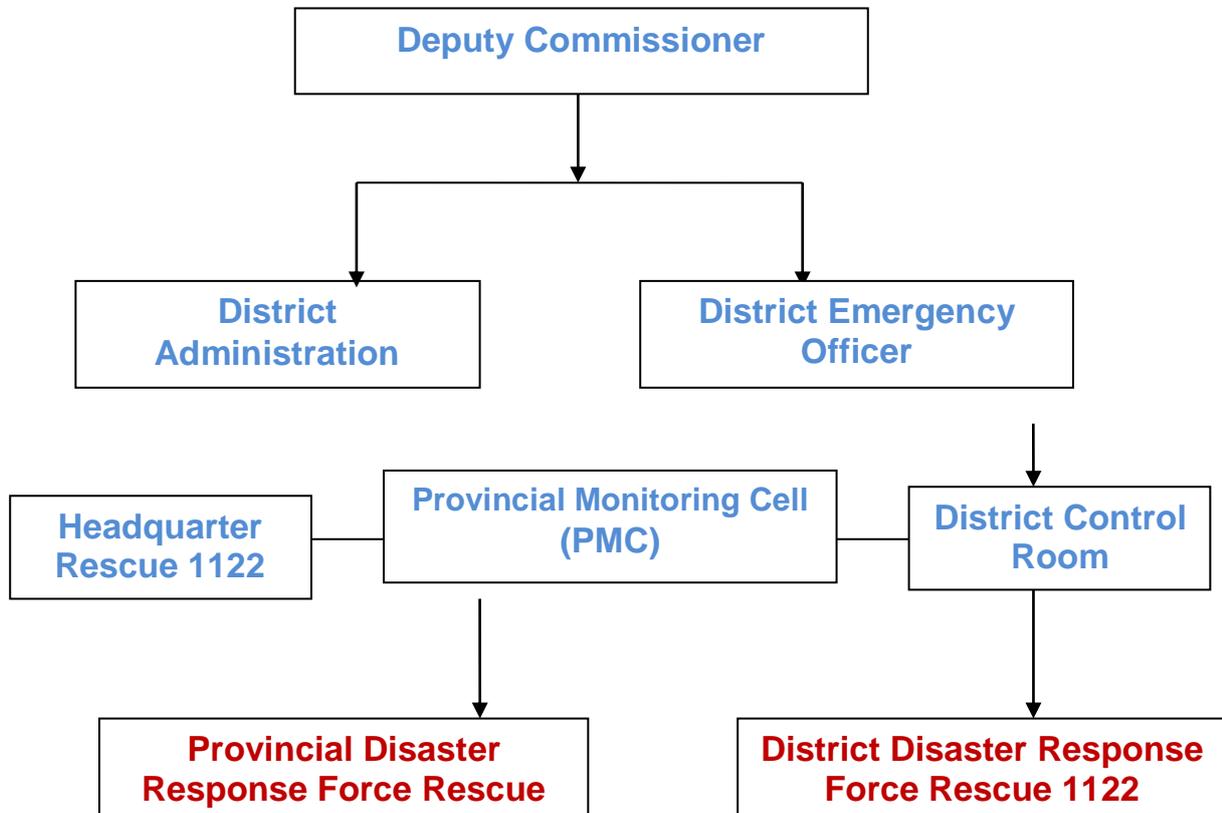
District baseline/reference map



Source:

## 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/ DC 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, EDOs, 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

#### Tehsil / Chief Officer Municipal Corporation

- Tehsil / Chief Officer, Municipal Corporation plays an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.
- Tehsil / Chief Officer Municipal Corporation will provide assistance to the District Civil Administration for setting up and management of relief camps/ operations.
- Chief Officers Municipal Committee are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- Chief Officer Municipal Corporation 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.
- Chief Officers Municipal Corporation sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- Municipal Corporation employ de-watering sets to remove excess water. All Chief Officer Municipal Corporation are required to ensure the maintenance of all dewatering sets prior to the monsoon season.

The Chief Officers maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.

- Chief Officer Municipal Corporations 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 Muncipal Committee under the concerned Administrator i.e Addl Deputy Commissioner (Rev) / AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local Municipal Committees 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 Deputy Commissioner. The office of the Deputy Commissioner fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Municipal Corporations 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 civil 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 civil 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 Chief Officer, Municipal Corportations.
- 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 Addl. Deputy Commissioner (Rev) 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 (Revenue)
  - 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. Addl. Deputy Commissoner (HQ)
  - viii. Addl. Deputy Commissioner (F&P)
  - ix. Executive Engineer Buildings (M&R)

- x. Chief Executive Officer (Health)
  - xi. Chief Executive Officer (Education)
  - xii. Addl. Deputy Commissioner (General)
  - xiii. SP Special Branch
  - xiv. XEN Irrigation / Public Health
  - xv. District officer Civil Defense
  - xvi. Administrators of Tehsil Municipal Administrations
  - xvii. All Chief Officers in District
  - xviii. District Emergency Officer, Rescue 1122 (Secretary)
  - xix. Representative of Red Crescent
  - xx. Such other District level Officers to be appointed by District Civil Administration
- District Civil Administration 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 Civil Administration would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The Civil Administration 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) 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)**

- Disaster Emergency Control Room working round the clock will be established at District Level and coordination with all Agencies.
- Communication during disasters to deal disaster more effectively and efficiently.
- Collection of all relevant data from all supporting Agencies.
- Issuance of disaster reports on the basis of the collected data during the disaster.

#### **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 Deputy Commissioner will engage the Army in any disaster requiring the manpower or rescue equipment of the Army. This will happen on the basis of analysis of the magnitude and type of the disaster took place.

**Volunteer Network**

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

There are 80 volunteers registered with Civil Defence can be engaged by the Civil Defence Department in any disaster as per requirement.

The Civil Defence office assists in the evacuation of people and their household moveable property 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.

# RISK ANALYSIS

## 1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	5	3	18
Urban Flooding	3	4	10
Flash Floods	4	3	15
Hill Torrent	–	–	–
Glacial Lake Outburst Flood (GLOF)	–	–	–
Landslide	–	–	–
Tornado	–	–	–
Earthquake	–	–	–
Drought	–	–	–
Epidemic	4	4	12
Fire Incidents	–	–	–
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	–	–	–
Environmental Hazards (industrial accidents, severe pollution etc.)	2	3	4

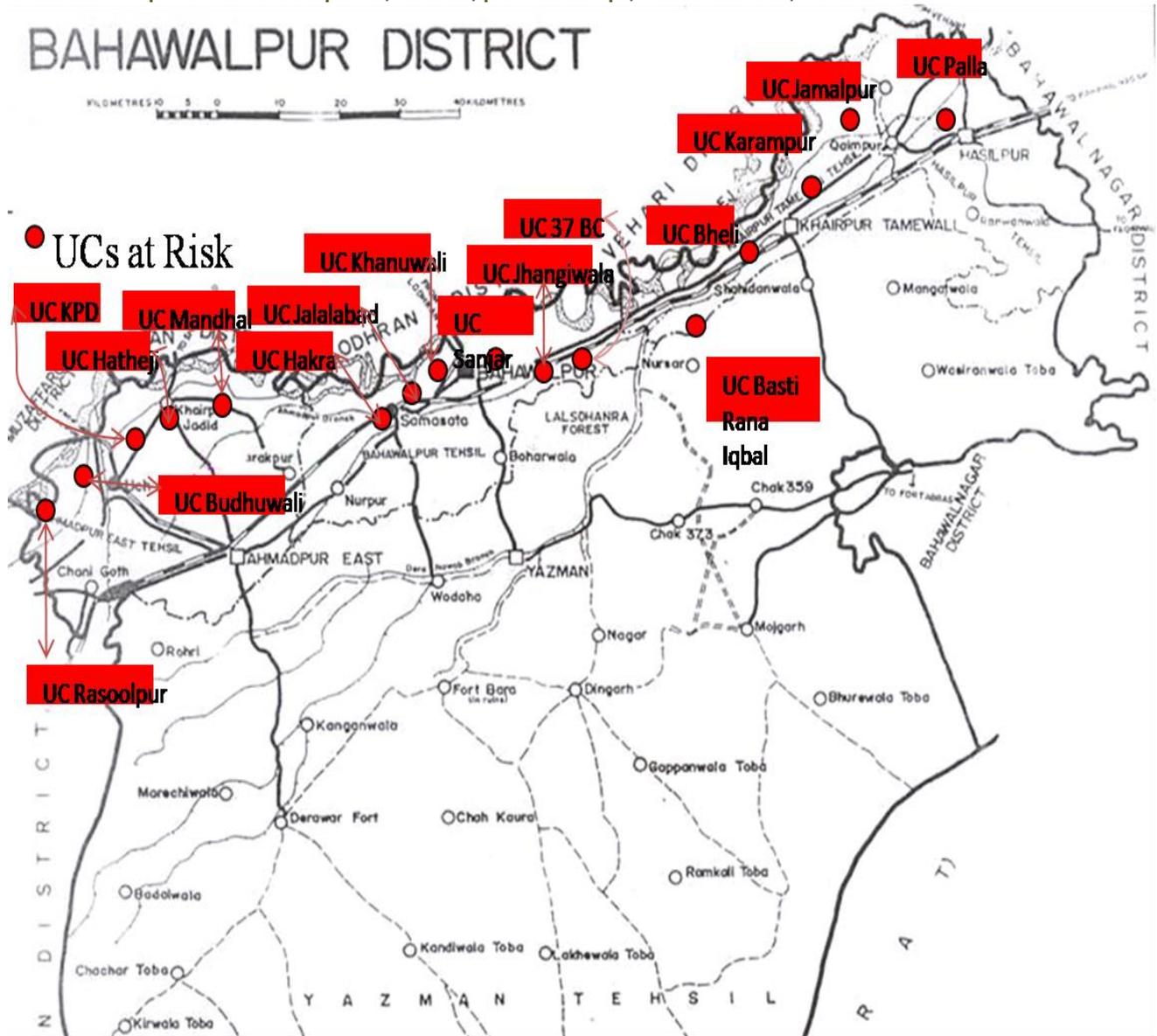
Risk = Impact x Likelihood

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*
- **Flood**
- **Earthquack**
- **Epidamic**
- **RTA**
- **Fire Incident**

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



Source:

### 3. Response & Operational Capacity

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

- There are almost 300 trained Rescuers with the Rescue 1122 who can handle drowning emergencies, fire incidents, road traffic accidents, other major incidents and disasters like floods, environmental disaster, building collapse etc.
- On the Flood Emergency, Health Department immediately be established the Medical Camp in the effected areas of District Bahawalpur.
- Health Departement supply of medicine in ample.
- Immediate response of staff in the effected areas.
- The main capacity of the district for handeling any disaster is the Rescue 1122 department which has been declared Punjab Disaster Response Force by the PDMA.
- 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.
- Education department provides the buildings of schools situated in the disaster areas for relief camps.
- 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.
- Civil Defense with large number of its volunteers is another strong capacity of the district during the disaster.
- 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.

#### 4. STRATEGIC RESERVES

Items	Available	Functional	Non-Functional	Extra Demand
Boats	6	6	0	4
OBM	7	7	0	6
De-watering sets	33	33	0	0
Navigators	0	0	0	5
GIS devices	0	0	0	20
Life Jackets	41	41	0	100
Life Ring	8	8	0	50
Life Lines	0	0	0	50
Scuba diving suit with complete accessories	3	3	0	8
First Aid Kits	8	8	0	50
Rescue Bag	0	0	0	30
Safety Harnesses	0	0	0	30
Ambulances	38	38	0	0
Fire Brigade	14	14	0	5
Water Tanks / Bouzers	15	15	0	2
Extendable Ladders	0	0	0	2
Hydraulic Cutter	1	1	0	6
Sonar Rader	0	0	0	12
Jumping Sheet	0	0	0	5
Dumpers	1	1	0	2
Excavators	0	0	0	2
Cranes	0	0	0	2
Bulldozer	0	0	0	2
Boat Carrier/Trolleys	1	1	0	4
Pickups/Jeeps/4x4 vehicles/Mini Trucks	3	3	0	1
Emergency / Searchlight	4	4	0	100
Tent	2778	2778	0	5000
Mosquito Net	0	0	0	1000
Plastic Mat	0	0	0	1000
Blanket	0	0	0	1000
Any other main relief/rescue equipment				
Generator Sets	1	1	-	5
Gas-Cutters				
Floating Rope		1		
Water Rescue Van	2	2	-	2
Dry Suit	3	3	-	15
SCBA	12	12	-	-
Wanda	-	-	-	7000(kg)
Food Hampers	-	-	-	8000

## 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.)

- There is a communication of gap between departments regarding exchange of data during rescue operation of the disaster. It must be eradicated so that any ambiguity and duplication could not damage the data and important reports by the departments.
- Increase work load.
- Lack of information sharing.
- Logistic means are not available in proper manner for the transportation of staff, boats and other rescue equipment to the diasaster areas.
- Insecurity of workers working during disaster.

## 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	<p>Establishment of Medical Camp and Mobile Teams deployed in the effected areas.</p> <p>Provision os free health services in the effected area round the clock during flood</p> <p>Ensure the provision of safe drinking water and food to the effectees.</p> <p>Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment for ways or any other purpose</p>	<p>Health Department</p> <p>Civil Administration</p> <p>Irrgation Department</p>
Urban Flooding	<p>Establishment of Medical Camp and Mobile Teams deployed in the effected areas.</p> <p>Provision os free health services in the effected area round the clock during flood</p> <p>Ensure the provision of safe drinking water and food to the effectees.</p> <p>Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment</p>	<p>Health Department</p> <p>Civil Administration</p> <p>Irrgation Department</p>

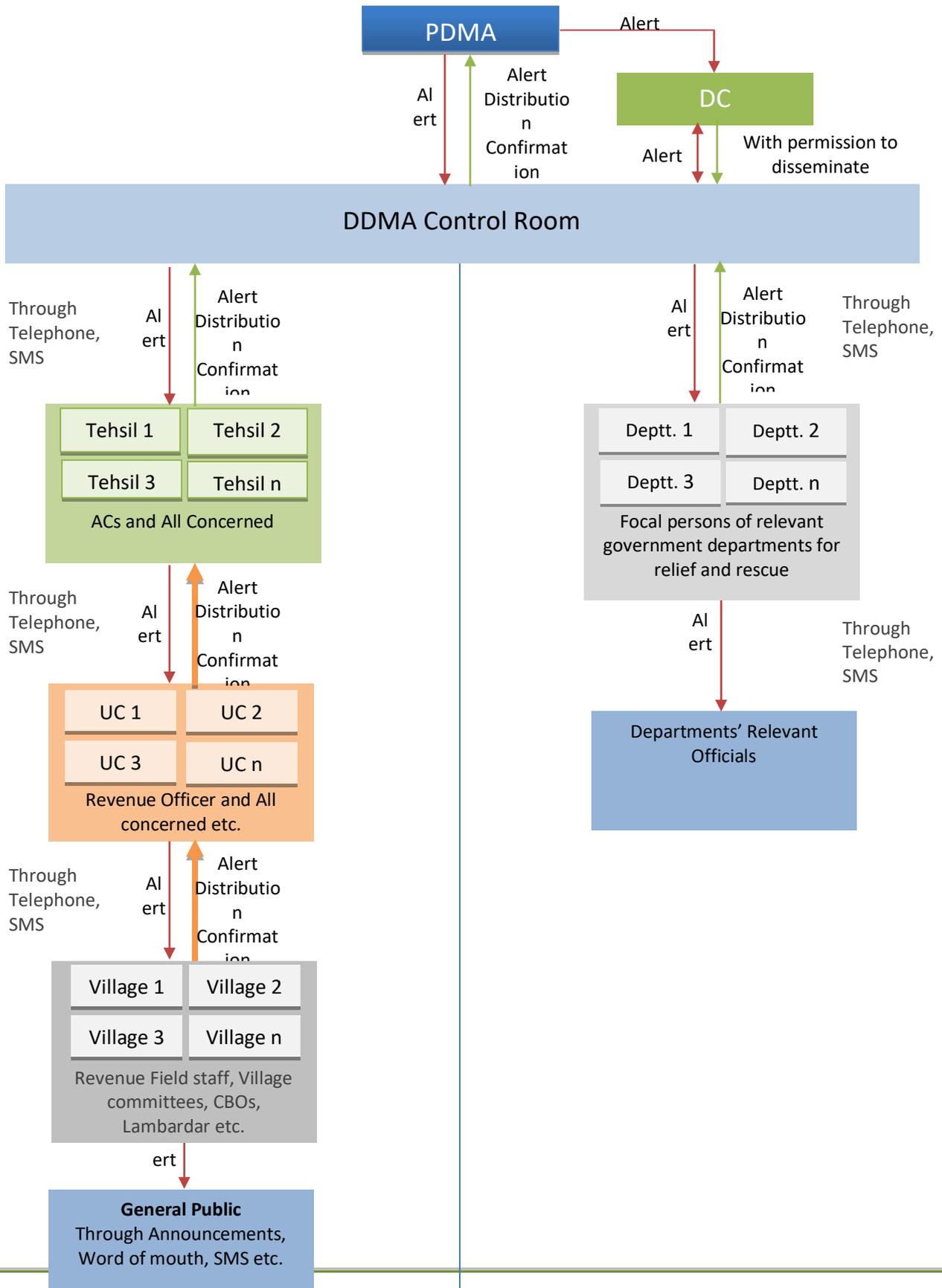
	for ways or any other purpose	
Glacial Lake Outburst Flood (GLOF)		
Landslide		
Tornado		
Earthquake	Constructing earthquack resistance buildings	Civil Administration
Drought		
Epidemic	On any type of Epidemic the Team constituted for immediate investigation and find out the main reason of Epidemic. Establishment of Medical Camp and provide health education in the effected area through School Health and Nutrition Supervisor and Lady Health Workers.	Civil Administration Health Department
Fire Incidents	Awareness regarding safety measures to avoid Fire Incidents in Home, Offices and Factories and any Professional Places. Implementation of fire codes. Survey of vulnerable buildings.	Rescue 1122 Chief Officer Municipal Corporation / Municipal Committies Building Department
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	Identificationof black spots regarding road traffic accidents and eradication/ elimination of black spots. Implemantation of Traffic Rules.	Rescue 1122 Traffic Police

---

Environmental Hazards (industrial accidents, severe pollution etc.)	Awareness to staff of industries and local people residing around the such industries. Implementation of laws regarding usage of toxic gases. Proper leagal action against the culprates	Environment
---	--	-------------

# 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, Municipal Committes 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.*

- Deputy Commissioner will be the Focal Person for receive early warning from the Provisional Office and Cheif Executive Officer (Health) will be the Focal Person for the provison of Health Services in the effected areas.
- Early Warning will be communicated any possible and available sources such as announcement in Mouques, Mobile Accouncement Team, Patwari, SMS Print & Electronic Media.

## 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.*
- All relevant rescue relief agencies such as Rescue 1122, Police, Civil Defense, Environment, Irrigation and other concerned departments will be mobilized and engaged to do the rescue and relief operation in case of any disaster.
- All agencies will do their pre-defined jobs according to the plan provided by the local DDMA.
- If a disaster requires more manpower and other rescue support, the Deputy Commissioner will request to the local authorities of Pakistan Army.
- Camp sites will be identified by the education department at least two months before the flood season.

## 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*

Immediate evacuation is followed by an assessment of all that is needed to overcome the effects of disaster. Available resources have to be deployed to the neediest people so this strategy must bust

be based on reasonable assessment of the disaster, and the subsequent needs of the effected communities. The initial rapid assessment is the exercise of collecting information in order to identify the basic needs such as food, shelter, water, sanitation, medicines etc. The rapid assessment would be completed in first 48 to 72 hours to get an immediate picture of extent of disaster. The rapid assessment would evaluate whether the local capacity is adequate or external resources are required to provide immediate assistance. The PDMA has provided the data collection forms for collection and communication of data to higher authorities. Annex-11

### **Relief Management - Food and Non Food Items:**

An ideal distribution system is safe, accessible and transparent to the intended beneficiaries. Distribution must take into account the recipient's physical capabilities. Food is the fore most relief item that is requested by the worst affected communities immediately. In the first few days after the disaster, the Government would provide ready to eat food items. Subsequently, food disbursement would shift to provision of dry ration.

Special attention and priority should be given to the persons with disability, elderly persons heading household, women and adolescents heading household. Presence of child protection/social protection actors at distribution points would be ensured as this can serve multiple purposes including identification of separated unaccompanied children.

Child headed households and separated/unaccompanied children would be given food distribution cards in their own name in a manner that does not cause further separations.

Relief management ensures the sustenance of large numbers of evacuees that are not able to carry the items of everyday use with them. The Government can provide respite by providing certain food and non-food items such as cloths, blankets, cooking utensils, hygiene kits, buckets, plastic sheeting, sleeping mats, water jerry cans, washing powder etc. The main purpose of the relief management is to provide life sustaining commodities to the affected communities in a fair and organized system.

### **Food items**

An initial assessment would be undertaken to identify the number and demographics of the affected population to estimate the quantity and type of food required. This assessment would also be done by food available in local markets in the vicinity of the affected regions. The nutritional needs of pregnant women, lactating mothers and malnourished children would be catered to on the highest priority. The food package would be enough to provide 2100 K calories/person/day. Food provided to the communities would be of good quality.

Beneficiaries would be informed in advance about the distribution points, date, time and procedure. All measures would be adopted to counter the unethical Collection of relief packages by outsiders that portray themselves as victims of a disaster. Special attention would be paid to persons with disabilities, elderly, women and stranded children.

Food distribution would be coordinated among all organizations to avoid any duplication or under serving the distribution points would be decided in consultation with local communities keeping in mind the convenience of recipients and the ease with which supplies can be transported to the point.

The distribution points would be accessible to women, elderly persons, person with disabilities and children.

A complaint cell would be established for every ten distribution points allowing the beneficiaries to redress their grievances about the quality, quantity, and distribution and targeting procedures. The selection and registration of affecters, distribution methodology, selection of distribution points, and monitoring of the distribution would be transparent, equitable and mindful of local traditions.

### **Non-Food Items**

Non-Food Items are provided to the displaced personnel to help them establish themselves in a new environment that they are forced into. Plates, buckets, jerry cans, and water storage vessels can allow the affectees to store and prepare their food for gradual consumption. The immediate provision of clothing and bedding gives a feeling of comfort, dignity and safety. In the same manner as other relief goods, preference must be given to women, children, elderly and the disabled.

### **Shelter:**

Natural or man-made disasters often displace large numbers of people, forcing them to inhabit temporary shelters and camps. Temporary shelter is provided by the Government and humanitarian organizations as part of the emergency response. The Government utilizes public buildings such as schools or portable tents to provide immediate cover to the affected communities. Public facilities such as schools, barracks, warehouses, play-grounds, parks, have historically been utilized to provide shelter to the displaced affectees. Tents are usually provided in case the number of displaced person exceeds the number that can be temporarily accommodated in public facilities. Only a set number of people would be allowed to inhabit a public building. This set number would be decided keeping in mind the available space, availability of facilities such as electricity, water, and sanitation, and the time it takes to evacuate all the inhabitants. Temporary shelters would have separate toilets and bathing facilities for men and women and it would maintain healthy standards by conducting anti mosquito sprays etc. The elderly and disabled must be provided with the most comfortable and accessible areas of the public facilities designated as temporary shelters. The temporary shelters should never be overcrowded as it can create unhygienic conditions.:

## ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

S#	Location	No. of persons which can be accommodated	Name of City	S#	Location	No. of persons which can be accommodated	Name of City
1	GGES Mari Qasim Shah	900	Bahawalpur City	15	GHSS Sheikh Wahin	600	Khaipur Tamewali
2	GGES Ghok Shera	900	Bahawalpur City	16			
3	GHS Ghangi Wali	700	Bahawalpur City	17			
4	GHS Fattoo Wali	700	Bahawalpur City	18			
5	GHS Dera Bakha	700	Bahawalpur Sadar	19			
6	GHS DhoorKot	700	Ahmadpur East	20			
7	GHS Fazil Gomani	700	Ahmadpur East	21			
8	GGES Bala Ghulan	900	Ahmadpur East	22			
9	GHS Khairpur Dha	600	Ahmadpur East	23			
10	GPS Muhammad pur	400	Ahmadpur East	24			
11	GPS Muhana	400	Ahmadpur East	25			
12	GES Noorpur Jadeed	550	Ahmadpur East	26			
13	GHS Qaimpur	600	Hasilpur	27			
14	GGPS Head Palla	400	Hasilpur	28			

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

Hazards	Tehsils	UCs	Names of Revenue Estates	Names of Villages
Floods	Hasilpur	Jhandani, Kotla,	Jhandani, Kotla,	Palla, Ghahi Behram, Khairo Ghazi Khanana, Naseerpur Ghanja, Luddan, Noorpur, Chohan, Aaqilpur, Mohammad Pura.
	Khairpur	Qaim Khan, Basti Rana Iqbal	Behli, Zor Kot.	Sharaf, Karampur, Dharala Rando, Gawans, Bhinda Chadhar, Bhinda Peer Imam Din Zor Kot, Qazi Kalra, Jhok Lal.
	Bahawalpur	Sanjar 37/BC, 4/BC, Jhangiwalla, Khanuwali, Mandhal,	Jhangiwalla, Baghdad.	Mangwani, Chawan, Saifpur, GulDera, Kasra Munjhal, Gudhpur, Jhangwala, Qadirbux Channer, Pannuhan, Sahlan, Khanuwali, bhindara Dhakli Bindara, Fattowali, Ghothghanan, Samma Satta. Bindara, Wislan, Baqirpur.
	Ahmadpur East	Hateji, Khairpur Daha, Dudhuwali Rasoolpur	Shikrani, Gammani, Bakhtiari, Rasoolpur, Khairpur Daha, Bahawalpur Ghalwan.	Shikrani,, Mehrabad, Makhan Bela, Jageer Sadiq Abad, Rasool Pur, Kachi Lal, Bait Ahmad, Bait Bakhtiari, Bhala Jhulan, Bait Zahir Pir, Bait Noor wala, Dad Potra
Urban Flooding	Bahawalpur City			Bindara, Wislan, Baqirpur, Bhinda Dakhli Bindra
Flash Floods				
Hill				
Tornado				
Earthquake				
Drought				
Epidemic		Bwp City		Khachi Basti Chak 12 BC (A), Tibba Badar Sher, Basti Shahdra, Islami Colony
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	BHU Jamalpur	X: Y:	<b>Primary</b>	Dr. Sajjad Ahmed 0345-1643344	<b>Flood</b>
2	BHU Qaim Khan	X: Y:	<b>Primary</b>	Muhammd Akram M.T 0300-681284	<b>Flood</b>
3	BHU Jhandani	X: Y:	<b>Primary</b>	Nazar Abbas, Dispenser 0306-6888770	<b>Flood</b>
4	BHU Karam Pur	X: Y:	<b>Primary</b>	Syed Amjad Hussain M.T 0300-6853811	<b>Flood</b>
5	BHU Rana Iqbal	X: Y:	<b>Primary</b>	Dr. Humera Aziz 0348-3183322	<b>Flood</b>
6	BHU Hateji	X: Y:	<b>Primary</b>	Umar Hayat Siddique 0300-3176169	<b>Flood</b>
7	BHU Khairpur Daha	X: Y:	<b>Primary</b>	Dr. Naeem Sial 0300-0427164	<b>Flood</b>
8	BHU Jhangiwalli	X: Y:	<b>Primary</b>	Dr. Sidra Saba 0332-1604063	<b>Flood</b>
9	BHU Bhallah Jhullan	X: Y:	<b>Primary</b>	Dr. Muhammad Javed	<b>Flood</b>
10	BHU Rasoolpur	X: Y:	<b>Primary</b>	Ghulam Sadiq M.T 0333-7447464	<b>Flood</b>
11	RHC Dera Bakha	X: Y:	<b>Primary</b>	Dr. Usman Ali Faisal 0347-3049639	<b>Flood</b>

## ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GGHSS Satellite Town	Higher		1639	Zaheen Kouser	0333-6875496
2	GHS Chak No.12/BC	High		844	Rana M.Ayub Tahir	0300-9687853
3	GGHS Chak No.12/BC	High		614	Manzooran Nawaz	0305-7591473
4	GCET Female Bwp	College		550	Tabinda	0300-6821507
5	GHSS Abbasia	Higher		2648	Muhammad Saleem	0343-7730550
6	GHS Sadiq Dane	High		1295	Mushtaq Ahmed Siddiqui	3006-759578
7	GHS Cantt.	High		721	Sadar M Aslam	062-9250143
8	GHS Technical	High		1573	Syed Iqbal Ahmed	0336-6386103
9	GES Dera Izzat	Middle		450	Sajjad Hussain	0300-6822279
10	GGES Basti Riddan	Middle		489	Sahafia Hafeez	0304-4228969
11	GGHS MC Model Town B	High		835	Shaheena Akhter	0300-6803377
12	GGHS Mohajir Colony	High		800	Shugfuta Kousar	0333-9830850
13	GGES Shadara	Middle		536	Mustrat Perveen	0301-7704953
14	GGHS MC Kajal pura	High		584	Naila Aslam	0321-6812852
15	GGHS Community	High		660	Hanifa Akhtar	0300-6851669
16	GGHS Junior Model	High		1211		0300-6832787
17	GGHS Habib Colony	High		595	Balqees Saddique	0322-6528344
18	GGES Basti Bindra	Middle		600	Samina Naz	0307-8661266
19	GES Basti Bindra	Middle		595	Syed M.Ahmed	0333-6385204
20	GHS Rangpur	High		697	M.Ilyas	0303-7141025
21	GHS Goth Mehrab	High		676	Muhammad Mansha	0300-6834234
22	GHS Jhangiwali	High		885	M.Ashraf	0321-6805643
23	GHS Chak No.32/BC	High		508	M Raza Hussain	0306-7982296

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
24	GHS Abbas Nagar	High		647	M.Abdulah Arbi	0300-7814579
25	GHS Dera Bakha	High		520	Rana Khalid Mehmood	0301-6506013
26	GHS Fatto Wali	High		544	M.Shakil	0301-7929697
27	GHS Sadiq Garh Palace	High		676	Ismail Durrani	0300-6830199
28	GGHS Dera Nawab	High		912	Rashida Rani	0303-6425900
29	GGHS Mehrab Wala	High		391	Iram Naz	0304-7808223
30	GHS Uch Sharif	High		800	Mehmood Ul Hassan Ansari	0306-7791062
31	GGHSS Uch Sharif	Higher		1149	Nurgis Jabeen	0300-7814047
32	GHS Rasool Pur	High		754	Muhammad Ilyas	0300-4173907
33	GES Ghous Pur	High		483	Muhammad Aslam	0306-7730205
34	GHS Kotla Musa Khan	High		446	Mushtaq Ahmed	0301-6505747
35	GHSS Mubarakpur	Higher		673	Musaad ur Rehman	0307-2558010
36	GGHSS Mubarakpur	Higher		765	Anjum Shaheen	0301-7725105
37	GHSS Chani Goth	Higher		568	Muhammad Akhter	0301-7610977
38	GGHS Chani Goth	High		612	Shagufta Yasmeen	0313-6012297
39	GGHSS Yazman	Higher		488	Ghazala Ameen	0321-7220316
40	GHS Yazman	High		887	Ghafoor Shah	0300-6800126
41	GHS Chak No.117/DB	High		682	M.Hafeez Tahir	0301-7637627
42	GGHS Chak No.42/DB	High		787	Rifat Jabeen	0300-9682015
43	GHSS Chak No.36/DNB	Higher		805	Atta Ur Rehman	0300-9682137
44	GHS Shahi Wala	High		484	M.Iqbal	0343-8714245
45	GES Goth Shah Muhammad KPT	Middle		615	Muhammad Raiz	0301-7741094
46	GHS Fazil KPT	High		520	Rana Hamid Akhtar	0300-7850776
47	GHS Jamal pur	High		554	Sharafat Ali	0301-6598176
48	GHS Hasilpur NO.01	High		1659	M.Sddique	0306-6406319
49	GHS Hasilpur No.02.	High		857	Taj Muhammad	0301-7929481

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
50	GHS Chak No.58/F	High		392	Naseer Ahmed	0322-8810028
51	GGHS Chak No.189/M	High		510	Sadia Bano	0300-6217280
52	GHSS Chak No.188/M HSP	Higher		1050	Muhammad Naeem	0300-7858691

## 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	Ashraf Sugar mills	KLP ROAD, Ashrafabad, Bahawalpur sadar		Chemical		Medium	Fire
2	Ittefaq Sugar Mills,	Shafiabad, Channi Goth, Ahmadpur East		Chemical		Medium	Fire
3	Shaukat Paper Mills	Bahawalpur Bye pass		Paper		Medium	Fire
4	Asia Ghee Mills	KLP Road. 8km Bahawalpur		Chemical		Medium	Fire
5	Shamim Feeds And Ghee industry	Samma Satta Bahawalpur		Chemical		Medium	Fire
6	Nazim Industries	Multan Road Bahawalpur		Cotton		Medium	Fire
7	Khalid Modern Ghee Industries	Vehari Road Hasilpur		Chemical		Medium	Fire
8	Bismillah Cotton Factory,	KLP Road, Bahawalpur		Cotton		Medium	Fire
9	Kamran Model Factory,	Bahawalpur Road, Ahmedpur East.		Cotton		Medium	Fire
10	Munir& Company Cotton Ginning & Pressing Factory,	Ahmedpur Road, Sultan Nagar, Khangah Sharif		Cotton		Medium	Fire
11	Al-Khair Cotton Ginning Pressing & Oil Mills,	Bahawalpur Road, Ahmedpur east.		Cotton		Medium	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
12	Bajwa Cotton Industries,	Kotla Musa Khan, Ahmedpur east.		Cotton		Medium	Fire
13	Five Star Industries Cotton Ginning pressing & Oil Mills,	by pass, Bahawalpur		Cotton		Medium	Fire
14	ChAltaf Hussain , Al-Seerat Cotton Ginning Pressing & Oil Mills,	Kotla Musa Khan Road, Ahmedpur East.		Cotton		Medium	Fire
15	Al- Rehman Cootton Factory	Mehrabwala Road, Ahmedpur East.		Cotton		Medium	Fire
16	A.B.M Industries Cotton Ginning Pressing & Oil Mills,	High Way level Bridge, Bahawalpur.		Cotton		Medium	Fire
17	Al-Jameel Cotton Ginning & Oil Mills,	Kotla Musa Khan Road, Ahmedpur East.		Cotton		Medium	Fire
18	Muzzamil Cotton Industries,	Mubarkpur Road, Noorpur Noranka APE		Cotton		Medium	Fire
19	Yazman Cotton Ginning Pressing & Oil Mills	Chak No.103/DB Tail Wala Road, Yazman.		Cotton		Medium	Fire
20	Itthed Cotton Factory & Oil Mills,	Bahawalpur Road, Noorpur Noranka, Bahawalpur		Cotton		Medium	Fire
21	RCA Cotton Factory,	Tranda Road, Chani Goth Ahmadpur		Cotton		Medium	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
		east					
22	Khan Ginners,	Uch Sharif Road, Ahmedpur East.		Cotton		Medium	Fire
23	Al- Hafiz Cotton Industries (PVT).	Limited, Ahmedpur Road, Bahawalpur		Cotton		Medium	Fire
24	M/S Ittfaq Cotton Ginning Pressing & Oil Mills,	Bahawalpur Road, Yazman.		Cotton		Medium	Fire
25	Al- Hussain Cotton Factory,	Uch Sharif. KLP Road, Uch Sharif		Cotton		Medium	Fire
26	Elahi Cotton Factory	Bahawalpur Road, Ahmedpur East.		Cotton		Medium	Fire
27	Al-Aziz Cotton Factory,	Bahawalpur Road, Ahmedpur.		Cotton		Medium	Fire
28	Awami Cotton Factory	Uch Sharif Road, Ahmedpur		Cotton		Medium	Fire
29	Najaf Cotton Ginning Pressing Factory	Mubarkpur. Ahmadpur east		Cotton		Medium	Fire
30	Aziz & Sons Cotton Ginning & Pressing Factory,	Chak No, 153 NP, Ahmedpur East.		Cotton		Medium	Fire
31	Abbassi Cotton Ginning/Al-Rehman Cotton Factory,	Uch Sharif. Ahmadpur East		Cotton		Medium	
32	Kamran Flour & General Mills,	JangiChowk , Ahmedpur East.				Low	

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
33	Cholistan Textile Mills, Limited, (Closed)	Ahmedpur Road, Bahawalpur.				Low	
34	Al-Azhar Textile Mills, Limited, (closed)	Chak No,7BC Hasilpur Road, Bahawalpur		Cotton yarn		Medium	
35	Jan Muhammad Flour Mills (Pvt) Limited,.	Ahmedpur Road, Bahawalpur				Low	
36	Rohi Cotton Industries	Chak No,6DNB Yazman.		Cotton		Medium	
37	Union Flour Mills,.	by pass Road, Bahawalpur				Low	
38	Ideal Pakistan Cotton Industries (Pvt) Limited,	Chak No,51 DB, Yazman		Cotton		Medium	
39	Bukhari Cotton Factory	Kalanchwala Road, Bahawalpur		Cotton		Medium	
40	Al-Hamad Cotton Ginning & Pressing Model Factory,	Bahawalpur Road Ahmadpur East		Cotton		Medium	
41	Fatima Flour Mills	FootoWali Road, Bahawalpur				Low	
42	Maqbool Flour Mills,	by Pass KLP Road, Bahawalpur				Low	
43	Asia Ghee Mills,	Dera Masti, Ahmedpur Road, Bahawalpur		Chemical		Medium	
44	Rasool Model Industries.	Mehrabwala Road, Ahmedpur East		Cotton		Medium	
45	Cholistan Cotton Ginners,	Ahmedpur Road, Bahawalpur.		Cotton		Medium	

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
46	MaqboolMadel Ginning & Oil Mills,	Chack No, 103 DB, Tail Wala Road, Yazman		Chemical		Medium	
47	Mohkam Cotton Factory,.	Ahmedpur Road, Bahawalpur		Cotton		Medium	
48	Al- Arab Ghee Mills,	Ahmedpur Road, Dera Masti, Bahawalpur.		Chemical		Medium	
49	Ittefaq Cotton Ginners & Oil Mills,	Mubarkpur Road, NoorpurNeura nga, Bahawalpur.		Cotton		Medium	
50	S.A.F Cotton Industries,	Uch Sharif Road, Ahmedpur.		Cotton		Medium	
51	Al- Haq Cotton Ginning Pressing and Oil Mills	by pass Road, Bahawalpur.		Cotton		Medium	
52	Co-operative Cotton Ginning & Pressing Factory	Hasilpur.		Cotton		Medium	
53	Mustafa Traders Oil Mills,	Ahmedpur Road, Dera Masti, Bahawalpur.		Chemical		Medium	
54	Ahmed Faiz Cotton Industries	MouzaKotlaHataji, Ahmedpur.		Cotton		Medium	
55	Khawaja Bashir Ahmed Cotton Factory	Uch Sharif Road, Ahmedpur East.		Cotton		Medium	
56	RehmatRamzan Cotton Industries, Mouzawahi Hussain	Mouzawahi Hussain, Bahawalpur		Cotton		Medium	
57	RehmatKhair Cotton	Adda 13 Soling Chak		Cotton		Medium	

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
	Factory,	No,12BC, Yazman Road, Bahawalpur .					
58	Sun Rise Cotton Ginning & Oil Mills	KalanchWala, Bahawalpur		Cotton		Medium	
59	Junid Cotton Ginners & Oil Mills	Uch Road, Ahmadpur east.		Cotton		Medium	
60	Shamim Feeds Industries (Pvt) Limited	SamaSatta link Road, Bahawalpur.		chemical		Medium	
61	Mokham Flour Mills	by pass, Khanqah Sharif, Bahawalpur.				Low	
62	Bahawalpur Oil Mills	7-KM Ahmedpur Road, Bahawalpur.		Chemical		Low	
63	Shahida Flour Mills	5KM SamaSatta Road, Khanowali, Bahawalpur.				Low	
64	Chishtia Flour Mills	10 KM Yazman Road, Bahawalpur. .				Low	
65	Madina Flour Mills	Ahmedpur East Road, Uch Sharif.				Low	
66	Doaba Oil Mills Industries	MouzaGhanipur by pass, Bahawalpur.		Chemical		Low	
67	Naveed Oil Mills	SamaSatta Link Road, Bahawalpur.		Chemical		Low	
68	Sinco Steel Re-Rolling Mills(Pvt) Limited	SamaSatta Link Road, Bahawalpur				Medium	
69	Ali Oil Mills	KLP Road		Chemical		Low	

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
		Near Ashraf Sugar Mills, Bahawalpur.					
70	Quality Trading Factory	by pass , Bahawalpur		chemical		Medium	
71	Haris Flour Mills	Mouza Ramay, Ahmedpur Road, Bahawalpur.				Low	
72	Rising Sun Flour Mills	Muza Ramay, Bahawalpur				Low	
73	Shoukat Papers Mills	by pass Bahawalpur.		paper		Medium	
74	My Lab Medicine	Near Khanqa Sharif, Bahawalpur		chemical		Low	
75	M. Nazim Industries Unit No	by pass Bahawalpur.		cotton		Medium	
76	Pak Arian Brothers Cotton Factory	Chak No, 107 DB Yazman.		Cotton		Medium	
77	Wajied & Brothers Industries (Pvt) Limited	Ahmedpur		cotton		Medium	
78	Ahmed Abdullah Cotton factory	Ahmedpur Road, Kotla Musa Khan, Tehsil Ahmedpur East.		Cotton		Medium	
79	Mian Oil Mills, Ahmedpur Road	Near Ashraf Sugar Mills, Bahawalpur.		chemical		Low	
80	Raja Cotton Industries	Chak No, 29 DNB Shahiwala, Yazman		Cotton		Medium	
81	Irfat Flour Mills	ShahiWala Road, Yazman				low	
82	Iqbal Oil Mills by pass	Bahawalpur		Chemical		Low	

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
83	Masood Oil Mills	GhalaMandi, Ahmedpur East.		Chemical		Low	
84	Al-Rehman Cotton Industries	Yazman		Cotton		Medium	
85	Insaf Cotton Ginners	Tail Wala Road, Yazman		Cotton		Medium	
86	Al-Noor Cotton Ginners	Uch Sharif Road, Ahmedpur		Cotton		Medium	
87	Doaba Cotton Industries	KLP Road, Khanqha Sharif , Bahawalpur .		Cotton		Medium	
88	Ali Mehdi Cotton Industries	Ahmedpur Road, Uch Sharif.		Cotton		Medium	
89	Ali Hussain Cotton Factory	Ali Pur Road, Uch Sharif. Tehsil Ahmedpur		Cotton		Medium	
90	Rasool Model Industries	Chak No35 DNB Yazman		Cotton		Medium	
91	M. Saddiq Industries	BahdaGho,Ra ngpur Bahawalpur.		Cotton		Medium	
92	Abdul Rehman Oil Mills	Ahmedpur Road, Bahawalpur		Chemical		Low	
93	Ali Raza Cotton Factory	Tranda Muhammad Panha Road, Uch Sharif.		Cotton		Medium	
94	Al- Qasim Cotton Factory	Tranda Muhammad Panha Road, Uch Sharif.		Cotton		Medium	
95	Friends Oil Mills	SamaSatta Road, Bahawlalpur.		Chemical		Low	

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
96	United Oil Mills	SamaSatta, Bahawalpur.		chemical		Low	
97	Data Sweet & Bakers	SarakiChowk, Bahawalpur.				Low	
98	Al-Faiz Brothers Oil Mills	Under Pass ,Ahmedpur East		Chemical		Low	
99	Madina Oil Mills	MusfirKhana, Bahawalapur		Chemical		Low	
100	Waqas Oil Mills	Musafirkhana Bahawalpur		Chemical		Low	
101	Al Kareem oil mills	chak No,10/BC Bahawalpur		Chemical		Low	
102	Bahawalpur Power Re-Rolling Mills	Samasatta Bahawalpur				Medium	
103	Ghuri Cotton Industries,	Chak No, 20 DNB, ShahiWala Road, Dera Nawabsb, Yazman.		Cotton		Medium	
104	Lemon Tree (Pvt) Limited,	Head Rajkan Road, Khangha Sharif, Bahawalpur.		chemical		Low	
105	Ever Green Cotton Factory& Oil Mills	Kotla Road, Ahmedpur east.		Ccotton		Medium	
106	Mian Cotton Ginning Pressing & Oil Mills,	Noor Pur. Bahawalpur		Cotton		Medium	
107	Rajput Industry & Oil Mills,	MusafirKhana, Ahmedpur Road, Bahawalpur.		Chemical		Medium	
108	Muslim Model Ginning Pressing Cotton Factory,	MouzaSangirJ hangiwali Road,		Cotton		Medium	

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
		Bahawalpur.					
109	Yasrab Cotton Factory,	Jhangiwal Road, Bahawalpur		Cotton		Medium	
110	Barkat Food Industries	Small Industrial Estate, Bahawalpur.		Food products		Low	
111	Asia Flour Mills	Small Industrial Estate, Bahawalpur				Low	
112	Al-Hassan Industries Cotton Ginning & Pressing	ChelawhanIsrani, TehsiKhairpur Tamawali.		Cotton		Medium	
113	Nasir industries ,Flour Mills,	Havey Factory Area, Bahawalpur.				Low	
114	Hameed Sons Cotton Industries & Oil Mills, Hasilpur.	Hasilpur		Cotton		Medium	
115	Yaseen Arshed Industries	Moza Gul Dera Jhangiwal Road, Bahawalpur.		Cotton		Medium	Fire
116	Abbas CottonFactory,	AbbasNager, Bahawalpur		Cotton		Medium	Fire
117	Gul Cotton Factory,	GulDera, Jhangwali Road, Bahawalpur.		Cotton		Medium	Fire
118	DeraBakha Cotton Factory	Hasilpur Road, DeraBakha Bahawalpur		Cotton		Medium	Fire
119	Al-Qadirla Cotton Industries,	Chonawala Road, Hasilpur		Cotton		Medium	Fire
120	Paradise Industries Cotton	Vehari Road, Hasilpur.		Cotton		Medium	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
	Factory,						
121	Sharif Cotton Factory, Limited	GhalaMandi Hasilpur		Cotton		Medium	Fire
122	Al-fasil Cotton Industries (Private) Limited,	Bahawlpur Road, Hasilpur.		Cotton		Medium	Fire
123	Sharif Flour & General Mills (Pvt) Limited	Vehari Road, Hasilpur.				Low	Fire
124	New Ittehad Auto Mobile Engineering Workshop,	Multan Road, Bahawalpur.				Low	Fire
125	Al-Makah Auto Mobile Engineering Workshop,	Multan Road, Bahawalpur.				Low	Fire
126	Abbasi Almadni Industries Cotton Factory(,closed)	Sardarpur, Hasilpur.		Cotton		Medium	Fire
127	Kiran Flour Mills,	Small Industrial Estate, Bahawalpur.				Low	Fire
128	Bahawalpur Engineering Private Limited,	Small Industrial Estate, Bahawalpur.		Electric wire		Low	Fire
129	Blue Star Spinning Mills,	Hasilpur Road, LaSohanra.B WP.		Cotton yarn		Medium	Fire
130	Khalid Modern Industries Cotton Factory,	Vehari Road, Hasilpur.		Cotton		Medium	Fire
131	Mian Muhammad Rafeeq& Sons Cotton Industries,	Disposal Road, Hasilpur.		Cotton		Medium	Fire
132	Mian Modern Ginning Industries, Disposal Road, Hasilpur.	Disposal Road, Hasilpur.		Cotton		Medium	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
133	National Cotton Industries	Jalandar Colony, Road, Hasilpur.		Cotton		Medium	Fire
134	Muslim Cotton Industries, Jalandar Colony, Road, Hasilpur.	Jalandar Colony, Road, Hasilpur.		Cotton		Medium	Fire
135	Modern Oil Mills	Vehari Road, Hasilpur.		Chemical		Low	Fire
136	Nisar Ahmed & Brothers (Pvt) Cotton Ginning V. Road, Hasilpur.	Vehari Road, Hasilpur.		Cotton		Medium	Fire
137	Cholistan Ginners (Pvt) Limited	Dahranwala Road, Chonawala, Tehsil Hasilpur.		Cotton		Medium	Fire
138	Hafiz Flour Mills,	Small Industrial Estate, Bahawalpur.				Low	Fire
139	A.A.A. Plastic Industries,	Muslim Town, Bahawalpur.		Chemical		Medium	Fire
140	Azeem Venus & Sons oil Mills,	Chak No, 17 fordwahChishtian Road, Hasilpur.		Chemical		Low	Fire
141	Ch. Cotton Ginners & Oil Mills,	Jhangiwal Road, Bahawalpur.		Cotton		Medium	Fire
142	Allied Flour Mills, Jhangiwal Road, Bahawalpur.	Jhangiwal Road, Bahawalpur.				Low	Fire
143	Ch. KashifSaeed Flour Mills, Jhangiwal Road, Bahawalpur.	Jhangiwal Road, Bahawalpur.				Medium	Fire
144	Gulab Flour Mills	Bahawalpur				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
		Road, Hasilpur.					
145	K.K.S Cotton Ginning & Oil Mills	AddaHabib Abad Bahawalpur Road, KhairpurTama wali.		Cotton		Medium	Fire
146	Bahawalpur Model Ginning & oil Mills	Jhangiwal Road, DeraBakha		Cotton		Medium	Fire
147	Dawood PVC Pipe Factory,	Hasilpur Road, Bahawalpur.		Chemical		Medium	Fire
148	Rehman Auto Industry,	8-K, Hasilpur Road, Bahawalpur.		Chemical		Low	Fire
149	Cheema Cotton Industry,	Vehari Road, Hasilpur.		Cotton		Medium	Fire
150	Mian Cotton factory,	Bahawalpur Road, Hasilpur.		Cotton		Medium	Fire
151	Ch. Model Cotton Factory and Oil Mills	Vehari Road, Hasilpur.		cotton		Medium	Fire
152	Khalid Brothers Cotton Industries,	Talhar Road, Hasilpur.		Cotton		Medium	Fire
153	Ayub Brothers Cotton Industries	Chonawala Road, Hasilpur.		Cotton		Medium	Fire
154	Doaba Oil Mills	Small Industrial Estate, Bahawalpur.		chemical		Low	Fire
155	Zaman Oil Mills	Small Industrial Estate, Bahawalpur.		chemical		Low	Fire
156	Satluj Cotton Industries,	Talhar Road, Hasilpur.		Cotton		Medium	Fire
157	Satluj Mini Flour Mills,	Small				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
		Industries Estate, Bahawalpur.					
158	Aziz Cotton Industries & Oil Mills,	Chonawala Road, Hasilpur.		Cotton		Medium	Fire
159	Khalid Afza Cotton Industries	Jhangiwal Road, DeraBakha, Bahawalpur.		Cotton		Medium	Fire
160	Rana Oil Mills,	MailsI Road, Qaimpur, Tehsil Hasilpur.		chemical		Low	Fire
161	Al- Hamed Oil Mills,	Heavey Factory Area, Bahawalpur.		chemical		Low	Fire
162	Hassan Oil Mills	Chonawala Road, Hasilpur.		chemical		Low	Fire
163	Al- Sadiq Oil Mills,	Chonawala Road, Hasilpur.		chemical		Low	Fire
164	Ismail Oil Mills,	Tahlar Road, Hasilpur.		chemical		Low	Fire
165	Saqib Oil Mills.	Vehari Road, Hasilpur		chemical		Low	Fire
166	Shafqat Oil Mills, Vehari Road, H.S.P	Vehari Road, Hasilpur		chemical		Low	Fire
167	Shahdman Cotton Industries,	Chonawala Road, HSP		cotton		Medium	Fire
168	Sial Cotton Factory,	Jhangiwal Road, DeraBakha, Bahawalpur.		Cotton		Medium	Fire
169	Adil Cotton Factory	19-FW Tahlar Road, Hasilpur		Cotton		Medium	Fire
170	Ramay Cotton Industries,	Bahawallpur Road, Hasilpur.		Cotton		Medium	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
171	Brothers Cotton Factory,	High School Road, Old Hasilpur.		Cotton		Medium	Fire
172	Yaqoob Cotton Industries,	Vehari Road, Hasilpur.		Cotton		Medium	Fire
173	Kashif Cotton Factory	Tahlar Road, Hasilpur.		Cotton		Medium	Fire
174	Ch. Brothers Cotton Factory,	Goth Shah Muhammad, K.P.T.		Cotton		Medium	Fire
175	Panasonic PVC Pipe Factory,	Mohallah Mir Sarij, Bahawalpur.		chemical		Medium	Fire
176	Mian Model Cotton Factory,	Disposal Road, Hasilpur.		Cotton		Medium	Fire
177	Altaf Oil Mills,	Shahdra Road, Bahawalpur.		chemical		Low	Fire
178	Adnan Flour Mills,	Jhangiwal Road, Bahawalpur.				Low	Fire
179	Satluj Engineering Works & PVC Pipe Factory	Small Industries Estate, Bahawalpur.		chemical		Low	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	Aashian Development Organization	Local	Moza Dera Izzat Near Daewoo Bus Stand B'Pur.	Women Welfare	Mrs. Rihana Parveen	0300-7818021
2	Al Baghdad Welfare Society	Local	Tanki Wali Street Hamatyan Bahawalpur	Women Welfare	Begum Balquees	0300-6803985
3	Al Nisa Welfare Organization,	Local	Street No. 1 near Madina mosque Tibba Badar Sher Bahawalpur	Women Welfare	Asmat Zahra	0345-8740013
4	Al-Kousar Children Youth & Women Welfare Organization	Local	36-C/Satellite Town Bahawalpur	Women Welfare , Child Welfare Skill Development	Ch.Muhammad Nawaz	0300-8780427
5	All Pakistan Women Association(APWA)	Local	Bahawalpur Farid Gate Bahawalpur	Women Welfare Skill development	Mrs.Akhter Habib	0300-8680415
6	Al-Zohra Welfare Society	Local	Nawaz Colony Bahawalpur	Women Welfare	Mrs.Nasreen Lodhi-	0300-7857924
7	Anjuman Rifah Aam	Local	Basti Mian Sahib Bahawalpur	Women Welfare	Mian Mushtaq	0301-7712863
8	Bahawalpur Women Welfare Organization	Local	BindraPulli Bahawalpur	Women Welfare Skill development	Rozi Asma	0300-9687818
9	Bait-ul-FalahNiswan	Local	Satellite Town Bahawalpur	Women Welfare , Skill development , Education	Mrs. Parveen Masood Bhatti	0300-9682132
10	Bright Future Women Development Organization	Local	Basti Kot Noora Bahawalpur	Health /hygiene issues	Nasreen Anwar	0300-6847036
11	Cholistan Development Council of Pakistan	Local	Model Town C Bahawalpur	Promotion of culture and heritage , sensitization on gender issues , women welfare	Farooq Ahmad	0300-9683545
12	Gulistan Social Welfare and Development Organization	Local	Bahawalpur , Gulistan colony near S.E College Bahawalpur	Recreational activities , rashan distribution among deserving's , awareness	RoshanAra	0300-6820419

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.
				session through puppets		
13	Mashal Development Organization ,	Local	Girigunj Bazar Bahawalpur	Skill development , women welfare	Syed Muhammad Ahmed	0300-2822180
14	PeghamWelfare Organization,.	Local	KarnabastiJaffri Town Bahawalpur	Women welfare ,	Syed Tahir Ali Shah (G.Secretary)	0302-7707919
15	PEHEL Organization	Local	Street No.01- Bungalow No.03 Rahmat Colony Bahawalpur	Skill development centre	Malik Imtiaz Kamran	0300-6829177
16	Public Welfare Society	Local	Basti Bangan Bahawalpur	General Welfare	Naeem-ud-din	0302-7794457
17	Promoting Peace through Education and Non violence(PPEN)	Local	Sajid Awan Town Bahawalpur (Name of NGO amended)	Women Welfare	Aleena Mehmod	0300-8688293
18	Shuaa welfare organization	Local	Mohalla Nawaban Bahawalpur	Skill development women welfare , relief work during emergencies	Sardar Ibrar Hussain	0344-8714817
19	Society for the Advancement and Care of Humanity ,	Local	28-C/Ghaznavi road Model Town- A/Bahawalpur	Skill development , women welfare , relief work during emergencies	Amir Hassan	0322-6521860 0300-6808273
20	Society for Women Empowerment ,	Local	Faisal Colony Bahawalpur	Women welfare	Rabia Saeed	0303-6720445
21	Tooba Welfare Society	Local	241-C Satellite Town Bahawalpur	Youth welfare	Mukhtar Ahmad	
22	Umeed Welfare And Development Organization	Local	656/C Satellite Town Bahawalpur	Women welfare , skill development , rashan distribution	Iffat Zaki	0300-6831848
23	Wasaib Women Development Organization	Local	Faisal Colony Bahawalpur	Women welfare , awareness sessions on various issues	Humaira Yasmeen	0301-7701378
24	Dukhtran-e-Millat Social Welfare Society-	Local	House No-197-B- Model Town-B- Karbla road Bahawalpur	Women Welfare	Imtiaz Bibi alias Rabia	0306-3644061
25	Al Fatima Welfare Organization-	Local	Gulshan-e-Iqbal Town Street No.02- Near Bus Stand	Women welfare, skill development	M.Khaleeq-ul- Rehman	0301-7745155

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.
			Bahawalpur			
26	Al Haya Welfare and Development Organization-	Local	Allah Rakha Chowk Shadab Colony Bahawalpur	Women welfare , skill development	Shumaila Jaffer	0300-8867331
27	Islami Mission Pakistan	Local	Model Town-A Bahawalpur	Religious education with boarding and lodging facilities	Mian Husnain Haider	
28	Anjuman Fidayan Mustafa	Local	Near Ghousia Mosque Muhajir Colony Shahdra Bahawalpur	Religious education with boarding and lodging facilities	Muhammad Aslam	Nil
29	Association for Rural Integrated Development	Local	Bahawalpur(ARID) FaujiBasti Bahawalpur	Education	MianNazir Ahmed	0344-7160368
30	Bahar Social Development Organization ,	Local	Street No.1 Islami colony CMH Chowk Bahawalpur	Education , youth welfare	Yunas Sharif	0315-7814970
31	Bahawalpur Welfare Association	Local	165/B Model Town B Bahawalpur	Promotion of education	Mukhtar Farani	0321-6812484
32	Community Awareness Research and Development Organization (CARDO)	Local	Fauji Basti Bahawalpur	Promotion of education	Zulfiqar Ali Khan	0321-6805974 0300-6801465
33	Community Services and Welfare Society	Local	26/D-Model Town A Bahawalpur	Promotion of education	Syed Muhammad Naseem Jaffri	0300-6830322
34	Development of Education In Rural Area (Dera) Welfare Org.	Local	68 Cheema Town Bahawalpur	Patient Welfare	Mrs. Doctor Ibrar Hashmi	0301-8680192
35	National Educational Social thought (NEST) Organization	Local	Riaz Colony Bahawalpur	Promotion of education	Tanveer Ahmed Sheikh	
36	Pakistan Educational Academic, Environmental and CulturalOrg.(PEACE)	Local	Riaz Colony Near Sadiq girls College Bahawalpur	Promotion of education	Haji Javaid Ahmad	0300-9684257
37	Punjab Model Education Society	Local	Dera Bhakka Cotton factory	Promotion of education	Ch.Abdul Hameed	0300-8682422
38	Roshni Development Organization	Local	Hafeez Colony Model Town C – Bahawalpur	Promotion of education women welfare , skill development	GulzarHussainRahi	0300-7813857

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.
39	Shajar Welfare development organization	Local	Satellite Town Bahawalpur	Promotion of education , women welfare , skill development	Tariq Majeed Ch.	0300-8680583
40	SOCH Development Organization	Local	Aziz Abad Colony Bahawalpur	General Welfare	Dr.Muhammad Naseem Nadeem	
41	Social Help & Research Organization (SHRO)	Local	83/B, EhsanAwan Block, Phase-I, SajidAwan Colony, Bahawalpur	Promotion of education , health / hygiene issues	Rana Muhammad Rashid Javaid	0300-9688763
42	Cure Development Organization-	Local	House No.BV-451-Noor Jehanian Street BWP	Promotion of education	Naseer-ud-din Hashmi	0301-6505299
43	Al-Amin Welfare Organization	Local	Multan road Model Town –B - Bahawalpur	Patient welfare health / hygiene issues	Dr.Muhammad Amin	0321-6815709
44	Aids Prevention Society of Pakistan	Local	Backside S.E College, Qasim Town Bahawalpur	health / hygiene issues	Malik M.Rafique	0300-6802442
45	Bahawalpur Cancer Society	Local	Noor Mahal Road Bahawalpur	Patient welfare	Ch.Muhammad Ali	
46	Children Health Improvement and Literacy Development (CHILD)	Local	25-C Medical colony Bahawalpur	health / hygiene issues	Dr.UmerFarooq	0300-9683116
47	Helping Organization for Poverty Elimination (HOPE)	Local	Bahawalpur Family Clinic inside Farid gate Bahawalpur	health / hygiene issues	Dr.Muhammad Akram Saeed	0321-6817919
48	Human Development And Relief Organization	Local	Muslim Park One Unit Colony Bahawalpur	Free legal aid , women welfare	Yasmeen Muslim	0300-9685919
49	Iqra Welfare Organization	Local	Areeb Chowk Nazir Abad Colony Bwp	Patient Welfare , Youth welfare , recreational activities	Malik Ijaz Ahmad Channar	0301-5150929 0300-6836854
50	kaynat Social Development Organization	Local	Awami colony Tibba Badar Sher Bahawalpur	health / hygiene issues	IqbalHussain	0301-7748612 0346-7168671
51	Life Saver Blood Association ,	Local	Bissmillah Colony Bahawalpur	health / hygiene issues	Muhammad Ammar	0312-6401085
52	Pelican Development Organization	Local	Model Town – C/Bahawalpur	Education , Women Welfare	Muhammad Arshad	0302-7878281
53	Shelter Social	Local	Bahwal Colony	health / hygiene	Farzana Naz	0300-9685832

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.
	Welfare Organization		Bahawalpur	issues		
54	Society for Human Assistance Rehabilitation Empowerment and Development (SHARED)	Local	Khursheed Town-Bahawalpur	health / hygiene issues	Muhammad Kashif	0333-3327666
55	Dua Care Thalassaemia and Social Development Organization-	Local	Sadozai Market Opposite BVH-Bahawalpur	health / hygiene issues	Muhammad Rizwan(	0300-9685538
56	Roze Development and Welfare Organization-	Local	Near Bhaggi Khana Opposite S.E College Bahawalpur	health / hygiene issues , Youth Welfare	Muhammad Amir Khan	0300-9687821
57	Al-Fateh Development Organization	Local	Tareen Road Bahawalpur	Child Welfare , Youth Welfare , welfare of drug addicts , promotion of education	Jamshed Karim	0300-9683824
58	Life Development Organization ,	Local	Tibba Badar Sher Bahawalpur	Consumer rights	Mrs.Shabana Naz	0333-6397362
59	Help Development Organization	Local	Outside Farid gate Circular road Bahawalpur	Education	Shahid Akhtar	0300-9681744
60	Kehkshan Development Organization	Local	, 32-Muslim Town Bahawalpur	Youth Welfare , Child welfare	RanaAbid Iqbal	0301-8463658 0333-6368140
61	Pakistan Rural Workers Social Welfare Organization (PRWSWO)	Local	Qasim Town Behind S.E College Bahawalpur	Child Welfare ,Awareness on human trafficking ,	Muhammad Rafique	0300-6802442
62	Sayeban Development and Welfare Organization-	Local	26/1-One Unit Staff Colony Bahawalpur	Human rights , youth welfare	Abdullah Adil	0300-8683770
63	Success Development Organization-	Local	House No.BIV-1306-Muhallah ChahFateh Khan Opposite QAMC-Bahawalpur	Free legal aid	Muhammad Aftab Afzal	0300-6825633
64	Al Haq Development Organization	Local	House no 45 street no 3 satellite town Bahawalpur	Women welfare , youth welfare	Rasheed Ahmed Ramay	0334-3510822
65	Aman Welfare Organization	Local	Multan road Abbasi Town Bahawalpur	Patient Welfare	Asim Mukhtar	0300-6830506

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.
66	Amman Welfare Organization	Local	3/A-Qasim Town Bahawalpur	Youth Welfare	Sohaib Aziz ullah Khan	0321-6233332
67	Bahawalpur Research and Development Organization ,	Local	Jujja house Gulberg road Bahawalpur	Youth welfare	Amjad Mehmood Jujja	0321-6819102
68	Falah Development Organization	Local	Gulzar Mahal Road Bahawalpur	Human rights , free legal aid	Muhammad Waseem	
69	Global Social Development Organization ,	Local	Royal City Housing Scheme Bahawalpur	Youth welfare	Javaid Iqbal Ch.	0300-6856906 0300-9680974
70	Daikh Bhaal Development Organization-	Local	Jhangi wala road Al Jannat Town Bahawalpur Activated from Al Habib Welfare Society Eid Gah Bahawalpur	Special Education	Dr.Anees-ur-Rehamn)	0321-6831981
71	Helping Power Welfare Society	Local	Gulzar Basti Darbar road Bahawalpur	Women Welfare	Ayaz Bhatti	0302-7715824
72	Idara Falah-e-Insaniat Mohajar	Local	Colony Baghdad-ul-Jadid Bwp	Youth welfare ,	Nauman Rasheed	0321-7471384
73	Ideal Pakistan Development Organization ,	Local	Ghousia Colony Near One Unit Staff Colony Bahawalpur	Youth Welfare	M.AsifSehmi	0300-9686045
74	OASIS Social Development Organization	Local	House No.01 YounasShaheed Road Model Town A Bahawalpur	Women Welfare	PMuzammal Rasheed Abbasi	0300-6801545
75	Royal Welfare Organization	Local	Basti Goth Lashkar JhangiWala Road Bahawalpur	Youth Welfare	M.Iqbal Abbasi	0345-8734224
76	Social Ablaze Youth and Development Organization (SAYA)	Local	Trust Colony Bahawalpur	Youth Welfare	Naveed Siddiq	0300-9682566
77	Sojhla Development Organization ,	Local	Near Chowk Model Town-A/Gulberg road Bahawalpur	Youth Welfare , Recreational activities	Mazhar Abbas Kathia	0332-5052060 0312-8882802
78	United Development Organization	Local	Gulistan Colony Bahawalpur	Welfare of minorities	Asghar Nadeem	0300-6843721
79	United Social Association	Local	, 10 - A , Adil town Bahawalpur	Youth Welfare	Mian Abdullah Jhandeer	0300-6819092
80	Al Noor Welfare Society for the Welfare of Rehabilitation of	Local	351-C/ New Satellite Town Bahawalpur	Welfare of disabled	Hadi Hassan Rana	0300-6768396

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.
	Disabled					
81	Bahawalpur Deaf Welfare Society	Local	House No.1288-BIV Aziz Abad Colony Bahawalpur	Welfare of disabled	Waseem Baig	0345-7243783
82	Cholistan Association for the Uplifting of Special Education(CAUSE) ,	Local	Army Special Education School Cantonment BWP	Special education , welfare of disabled	Muhammad Abdullah	0300-6854304
83	Pakistan Association of the Blind	Local	Govt.Blind School Bahawalpur	Welfare of disabled	Muhammad Ansar	0300-9680340
84	Bahawalpur Welfare Society for Special Children.	Local	Model Town-B- Bahawalpur	Welfare of disabled	Asghar Bahawalpuri	0600-6849011
85	Bahawalpur Model Bazar welfare organization	Local	Bahawalpur Model Bazar Bahawalpur	Welfare of consumers	Husnain Javaid	0321-9408075
86	Prisoners Welfare Organization	Local	Ghousia Colony Bahawalpur	Welfare of prisoners	Ch. Ihsan-ul-Haq	0321-6814374
87	Welfare of Green Nature Organization	Local	Shadab Colony Bahawalpur	Clean and green environment	Ejaz Bhatti	0315-6597752 0300-6821806
88	Noor-ul-Huda Welfare Organization for disabled	Local	Muhalla Muhammad abad Street No.03 , Tibba Badar Sher Bahawalpur	Welfare of the disabled	Abdul Jabbar	0308-8704622
89	Abbasi Development Welfare Organization	Local	24-A-Garden Town Gils College road Bahawalpur	Youth welfare	M.Akhter Abbasi	0300-9685576
90	Al Wahid Development Organization	Local	House No.212- Model Town-B- Bahawalpur	Child welfare	M.Iqbal Qureshi	0300-6859479
91	Wise Development Organization	Local	Basti Kot Noora Bahawalpur	Women welfare	Shahzad Akhter	0300-6830260
92	Association for Human Social Services and Security(AHSSAS)	Local	Al Noor house Majeed Town Multan road Bahawalpur	Free legal aid , human rights	Syed Munawer Bokhari	0300-6808237
93	Zindagi Development Organization ,	Local	Qasim Town Street No.1 House No.12/A-Near Qasim Hostel Bahawalpur	Youth welfare , patient welfare	Javed Hussain	0306-7740112
94	Skill Development Welfare Organization	Local	, New Sadiq Colony Bahawalpur	Women welfare	Riffat Yasmeen	0300-8179667
95	Anjuman Falah-o-	Local	Khangah Sharif,	Women Welfare	Mian Nizam-ud-	

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.
	Behbood		BWP		din Owaisi	
96	Anjuman Falah-o-Behbood	Local	Jamrani Sharif Musafar Khana, BWP	Women Welfare	Syed Sajjad Hussain Shah	0301-7726920
97	Rural Development Organization	Local	Chah Chachar Wala, Mouza Saiawala, Noorpur Noranga	Women Welfare , working on combating health issues	Allah Wasaya	0306-7757107
98	Dehi Ijtmal Taraqiat Council	Local	Taj Nagri, Noorpur Noranga, Bahawalpur	Women Welfare , working on combating health issues	Dr.Muhammad Yar Abbasi	0345-8710037
99	Shaheen Rural Development Organization	Local	Basti Khawjgan, Noorpur Noranga, BWP	Child welfare , women welfare , youth welfare	Khawaja Norrullah	0300-9687480
100	Anjuman Tamir-o- Taraqi	Local	Basti Sialan Moza Habib Mission, BWP	Women Welfare	M.ashiq Sayyal	0313-6625870
101	Community Awareness Research and Development Organization (CARDO)	Local	Fauji Basti Bahawalpur	Promotion of education	Zulfiqar Ali Khan	0321-6805974 0300-6801465
102	Laraib Welfare Organization	Local	Murad abad Khairpur Nauranga	, youth welfare , education	Muhammad Murad	0301-7785236
103	Local Support Organization	Local	U/C-32- Pul Balochan Miani , Bahawalpur	Women Welfare Skill development	Zulfiqar Ali	0300-6816271
104	Local Support Organization	Local	Mari Meer Muhammad, Goth Mehrab, BWP	Youth welfare , micro credit	Mehr Abdul Rasheed	0301-3190414
105	Dehi Tanzeem for behbood-e- Khawateen	Local	Chak # 3-B.C , Basti Malkan-Abbas Nagar Bahawalpur	Women welfare , Skill development ,	Ghulam Mustafa	0301-7761440
106	Awaz Community Support Organization	Local	Bhutta Mill Goth, Mehrab Noorpur Noranga, BWP	Youth welfare , women welfare	Amir Ghouri	0300-9687818
107	Hamqadam Welfare Organization	Local	Wahi Hussain Noorpur Noranga, BWP	Working on combating health issues , youth welfare ,	Hassan Mehmood	0300-4437971
108	Bahawalpur Youth Welfare Foundation	Local	Chak 7 BC, UC 20, Dera Bakha Bahawalpur	Youth welfare	Rao Ghulam Muhammad	0300-6849656
109	Al-Rehman Rural Development Organization	Local	Moza Sooi Vihaar, Noorpur Noranga	Education	Talat Mehmood	0300-6803979
110	Khawateen Welfare Council	Local	Basti Bhatian Moza Ditta Baloach	Women welfare	Riaz Bhatti	0300-6808014
111	Ijtmal Taraqiati	Local	Jamrani Kahna,	Working on	Dr.Abdul	0300-6852599

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.
	Council		Noorpur Nauranga Bahawalpur	combating health issues, religious education ,	Qayum	
112	Awais Qarni Welfare Organization ,	Local	Jhangiwala road Bahawalpur	Health welfare , education	Dr.Abdul Sattar	0301-7723036
113	Health and Education support Organization ,	Local	Musafir khana Bahawalpur	Education ,health welfare	Zafar Iqbal	0300-9686824
114	Adam welfare society.	Local	3 marla colony ward no.16 greeb mohala hsp	Education	Rana shafiq	03006803590
115	Social welfare society	Local	Chak no.62 F hsp	Women welfare	Haji M.Afzal mahar	03007859006
116	Welfare association for the Deaf & Dumb	Local	Hasilpur	Welfare of Disabled	M .farooq	03217596918
117	Golobal works organization	Local	Gala mandi Hasilpur	Women welfare	Nadeem hadir	03017925787
118	Anjuman islah-e- moashra	Local	71/F Hasilpur	Women welfare	Abdul ghafar	03017925171
119	Anjuman frogh-e- taleem greeb mohala	Local	Hasilpur	Women welfare	M.ahmad hussain	03339775351
120	Ahsas human rights &development .org.	Local	Darbar chok Hasilpur	Social programmes	Mian.frzand ali	03008732567
121	Anjuman frogh-e- taleem	Local	rasool abd colony Hasilpur	Social programmes	Ishfaq bhatti	03007853716
122	Anjuman tamero tarqi	Local	87/F Hasilpur	Women welfare	M.Ramzan	03037890587
123	Subhan allah dehi tanzeem	Local	77/F Hasilpur	Women welfare	Shabana kosur	03068957379
124	Organization for social welfare& awareness (oswa)	Local	H.no.91/A.st.no.3w ard no.7/10 greeb mohala Hasilpur	Women welfare	M.qasir abbas	03007850838
125	Tanzeeme karwan	Local	63/F Hasilpur	Women welfare	CH.manzoor ahmad	03004125878
126	Marsi women welfare society	Local	Mehmood colony Hasilpur	Women welfare	M.Asgar	03336344733
127	Alflah welfare society	Local	St.no.2 ward no.6 Hasilpur	Women welfare	Maqbol ahmad bhati	03007858437
128	Al-haq community development org.	Local	Alhaq medical store jalender colony Hasilpur	Health	M.anwar-ul-haq	03007854517
129	Social welfare organization	Local	Ada pul jamalpur teh. Hasilpur	Education	Haji muhammad ali	03067704874
130	T.B association	Local	Club road hsp	Health	Syed atta-ula- shah	03007851424

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.
131	Anjuman flah-e-merzian	Local	THQ hospital hsp	Health	Tauqir ahmad gill	03007852009
132	Dehi tenzeem millat shekhwahan,	Local	moza shekhwahan Khair pur	Education	Khalid hussaain faroqi	03007856215
133	Awami trqiati council	Local	Mohala wadera Khair pur	Women welfare	Umar Draz	03017923614
134	Anjuman smaji behbood	Local	Basti bhooran Khair pur	Women welfare	M.sadiq	0301779647 1
135	Al- habib women welfare organization	Local	Khair pur	Women welfare	Mian abdul qadir	03006825805
136	BRDP women organization	Local	basti pirojoya khairpur tamewali.	Women welfare	Munir mai	----
137	Alflah local support organization	Local	192/m. hsp	Women welfare	Kousar bibi	03064973492
138	Roshni local support organization	Local	shahpur hasilpur.	Women welfare	Sabiha	03235127622
139	Anjuman islah-e-moashra hsp(old)	Local	c/o rehamt book depo hsp	Social programmes	Rahmet ali	03007850955
140	Social environment clinical care organization of the needy	Local	Hasilpur	Health	Ali raza naqvi	03007854114
141	Safa welfare organization	Local	chak No.76/f. Hasilpur.	Water supply sceemes	Nazeer Husain	03333646115
142	Wasila welfare organization	Local	basti ariyan hsp	Health	Hafiz fiaz ahmad.	03007850841
143	Almakkah welfare society	Local	Hasilpur	Women welfare	Ishtaq ahmad.	03007852321
144	Al-ahad women welfare organization	Local	railway road near gala mandi hsp.	Education	Faiqa shaheen	<b>03007852860</b>
145	Pakistan welfare society	Local	350/A st.no.7 ward no.11 near medni masjid kachi abadi hsp	Education	Saeed hameed	<b>03007855385</b>
146	Youth welfare and development organization	Local	basti aanayti kpt.	Social programmes	m. hasnan	<b>03007850347</b>
147	Local sport organization	Local	islam U/C jhandani khairpur tamewali.	Women welfare	Perveen akhter	<b>03007378133</b>
148	Great Pakistan Lovers Welfare Society	Local	Ahmedpur East	Youth, Child, Women Welfare- Education	Aziz ur Rahman	0300- 6840408
149	Public Development Organization	Local	Uch Sharif Ahmedpur East	Child, Women Welfare- Health	M. Akmal Sheik	0300- 6802599
150	Pakistan Rural	Local	Tibbi Azzit APE	Youth, Child,	M. Nasir	0300- 6857636

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.
	Education & Development Organization			Women Welfare-Education	Gulfam	
151	Ijtamai Taraqiati Council	Local	Mahrab Wala APE	Youth, Child, Women Welfare-Agriculture	Zubair Lashari	0300-6822322
152	Ghous-Ul-Azam Welfare Society	Local	Uch Sharif APE	Youth, Child, Women Welfare	Karim Bux Hadari	0300- 6856406
153	Al-Pine Welfare Organization	Local	Ahmedpur East	Environment Education	Sardar Farooq khan	0300-7802477
154	Anjuman Falah Marizan	Local	THQ Hospital APE	Health, To Help The Poor Patients	. Qasim Quareshi	0300- 6840408
155	Iqra Welfare Society	Local	Ahmad Pur East	Youth, Child, Women	Ashafiq Shah	0301- 7763397
156	Ijtamai Shelter Development Organization	Local	Chani Ghoth APE	Youth, Child, Women Welfare	Muhammad Shafiq	0300-6822455
157	Punjanad Development Organization	Local	Satellite Town APE	Environment Education	Mubashir Rahman	0300-9685824
158	Bazm-e-Bahbood-e-Khawateen	Local	Dara Nawab Sahab APE	Youth, Child, Women Welfare	Mrs. Naseema Ch.	0300- 7813141
159	Young Welfare Society	Local	Dara Nawab Sahab APE	Youth, Child, Women Welfare	Dr. Maqsood Mahar	0333-3228630
160	Pakistan Alfalah Welfare Society	Local	Dara Nawab Sahab APE	Youth, Child, Women Welfare	Sayad Fayaz Hussain	0300-2642912
161	Rural Welfare & Development Organization	Local	Mohallah Shakari APE	Youth, Child, Women Welfare Education	Rashid Ahmad	0300-6816702
162	Ijtamai Taraqiati Council	Local	Halqa No.4 APE	Youth, Child, Women Welfare	Ata Ul Momin	0300-6811658
163	Ijtamai Taraqiati Council	Local	Dara Nawab Sahab APE	Youth, Child, Women Welfare Education	Rao. M.Ameen	0308-2632272
164	Ijtamai Taraqiati Council	Local	Thari Zabti Dara Nawab Sahab APE	Youth, Child, Women Welfare Education	Abas Ghorri	0301- 7508820
165	Patients Welfare Society	Local	THQ Hospital Ahmad Pur East	Patient Welfare	Abdul Manan	0300-6809635
166	Evergreen Welfare Society	Local	Mubarak Pur Ahmad Pur East	Youth, Child, Women Welfare Education	Mazhar Rasheed	0300-7809244
167	The Wisdom Welfare Organization	Local	Ahmad Pur East	Youth, Child, Women Welfare Education	Tariq Nadeem	
168	Al. Sehat Organization	Local	Ahmad Pur East	Tab , Education, Rehabilitation of Disabled	Abdul Hameed	0300-6814196

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.
169	Social Welfare Society	Local	Basti Gul Pur Dara Nawab Ahmad Pur East	Youth, Women & Disabled Welfare Education	Muhammad Akhtar Shah.	0305- 7708200
170	Mashel Welfare Society	Local	Al Rehmat Colony Ahmad Pur East	Youth, Women & Disabled Welfare Education	Muhammad Shahzad	0300- 6589370
171	Al- Noor Welfare Organization	Local	Mouza Patti Khyara Uch Sharif Ahmad Pur .	Youth, Women & Disabled Welfare Education	Zubair Sseedullah Khan Naizi	0300- 9687411
172	Local Support Organization	Local	Chani Ghoth Ahmad Pur East	Youth, Women Welfare Education	Razia Begum	0302- 6828609
173	Shadab Local Support Organization	Local	Mubarak Pur Ahmad Pur East	Youth, Women Welfare Education	Robina Maiak	0302- 7871868
174	Umeed welfare organization	Local	shadman colony Ahmad pur East	Youth, Child, Women Welfare Education	Mrs. Tahira Parveen	0300- 9810104
175	Al-Khair Welfare Society	Local	Chak Norang Ahmad Pur East	Youth, Child, Women Welfare Education	M. Arif	0306-8687381
176	Al-Khadmet Welfare	Local	Society Ahmad Pur East 0345-6806116	Youth, Women Welfare Education Health	Muhammad Azher	0300- 6806116
177	Al-Nass Welfare Society	Local	Ahmad Pur East 0301-6766891	Youth, Child, Women Welfare Education	Hafiza Asma Rasheed	0300- 7797734
178	Al – Rehmat Welfare Organization	Local	Chak No.23 / DNB, Yazman.	Women Welfare Child welfare,	Muhammad Naveed Saber.	0300-6823654
179	Al-Azmat Welfare Society	Local	Chak # 69/DB, Tehsil Yazman.	Women Welfare Youth welfare,	Miss. Uzma Azmat.	0304-6628809
180	Al-Sadiq Desert Welfare Organization	Local	H. No.88, Allama Iqbal Town Bahawalpur.	Women Welfare Youth welfare,	Vocational Training for women.	0345-8580368, 0344-7160368
181	Anjuman Falah - e-Behbood	Local	Chak #108/DB Tehsil Yazman.	Women Welfare Child welfare,	Javaid Iqbal.	0301-7724726
182	Anjuman Falah-e-Behbood	Local	Chak No.75/DB Tehsil Yazman.	Women Welfare Youth welfare,	Nasir Dad Khan.	0346-8734463
183	Anjuman Falah-e-Behbood	Local	Chak No. 3/DRB, Cholistan Yazman.	Women Welfare Child welfare,	Mohammad Ramzan.	0347-225633
184	Anjuman Rafah – E – Aam	Local	Chak No. 23/BC Tehsil Yazman.	Women Welfare. Youth welfare,	Muhammad Asif Javaid.	0341-8505341
185	Anjuman Trweji-e-	Local	Head Rajkan Tehsil	Women Welfare	Faqeer Hussain.	0301-3347799

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.
	Taleem		Yazman.	Youth welfare,		
186	Awami Welfare Council	Local	Chak No. 19 / DNB Tehsil Yazman.	Women Welfare, Youth & Child welfare.	Muhammad Iqbal Goraya.	0302-6825244
187	Cholistan Welfare	Local	Society Mohalla Islam pura City Yazman.	Child Welfare & women welfare	Saleem Ahmad.	0321-7578131
188	Dehi Welfare Organization	Local	Chak No. 101 / DNB, Shahiwala, Tehsil, Yazman.	Women Welfare, Child Welfare	Dr. Abdul Rahman Shah.	0302-7860022
189	Islah E Moashra Committee	Local	Ward No. 01, 02 City Yazman.	Women Welfare, Child Welfare	Mehmood Ahmad.	0346-8879138
190	Itehad Welfare Society	Local	Chak # 35/DNB Tehsil Yazman.	Women Welfare, Child Welfare	Asghar Ali Zahid.	0303-6434339
191	Itifaq Local Spurt Organization	Local	Chak No.75/DB Tehsil Yazman.	Women Welfare.	Naseem Bibi	0300-7787375
192	Marryam Rural Welfare Organization	Local	Chak No. 140 / DB Tehsil Yazman.	Women Welfare , Youth & Child Welfare	Abdul Salam.	0300-6844968
193	Memona Welfare Organization	Local	Chak No. 106/DB Tehsil Yazman.	Women Welfare	Mrs. Irshad Bibi	0306-8212907
194	People Welfare Society	Local	Chak No. 16/DNB Tehsil Yazman.	Women Welfare, Child & Youth Welfare	M. Bashir.	0304-3540416
195	People Women Welfare Organization	Local	Chak No. 16/DNB, North Yazman.	Women Welfare.	Farzama Rustam.	0307-3812028
196	Rahber Welfare Society	Local	Ward No. 04 City Yazman.	Women Welfare, Patient Welfare.	Muhammad Arshed Butt	0300-2384091
197	Rohi Welfare Organization	Local	Chak No. 79/DB Tehsil Yazman.	Child Welfare	M. Shahbaz Shaker.	0301-5442891
198	Shar-u-Din Welfare Society	Local	Chak No. 42/DB Tehsil Yazman.	Child Welfare	Hafiz Ali Akbar	0300-8685804
199	Laraib Welfare Organization	Local	Murad abad Khairpur Nauranga	, youth welfare , education	Muhammad Murad	0301-7785236
200	Local Support Organization	Local	U/C-32- Pul Balochan Miani , Bahawalpur	Women Welfare Skill development	Zulfiqar Ali	0300-6816271
201	Local Support Organization	Local	Mari Meer Muhammad, Goth Mehrab, BWP	Youth welfare , micro credit	Mehr Abdul Rasheed	0301-3190414
202	Dehi Tanzeem for behbood-e-Khawateen	Local	Chak # 3-B.C , Basti Malkan-Abbas Nagar Bahawalpur	Women welfare , Skill development	Ghulam Mustafa	0301-7761440
203	Awaz Community Support Organization	Local	Bhutta Mill Goth, Mehrab Noorpur Noranga, BWP	Youth welfare , women welfare	Amir Ghouri	0300-9687818

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.
204	Tangh Development Society BWP	Local	12-A/BC, Bahawalpur	Relief Emergency etc	Irshad asher Shahzad Barket	0305-4923150 0302-9835237
205	Hamqadam Welfare Organization	Local	Wahi Hussain Noorpur Noranga, BWP	Working on combating health issues youthwelfare	Hassan Mehmood	0300-4437971
206	Bahawalpur Youth Welfare Foundation	Local	Chak 7 BC, UC 20, Dera Bakha Bahawalpur	Youth welfare	Rao Ghulam Muhammad	0300-6849656
207	Al-Rehman Rural Development Organization	Local	Moza Sooi Vihaar, Noorpur Noranga	Education	Talat Mehmood	0300-6803979
208	Khawateen Welfare Council	Local	Basti Bhatian Moza Ditta Baloach	Women welfare	Riaz Bhatti	0300-6808014
209	Ijtamai Taraqiati Council	Local	Jamrani Kahna, Noorpur Nauranga Bahawalpur	Working on combating health issues, religious education ,	Dr.Abdul Qayum	0300-6852599
210	Health and Education support Organization ,	Local	Musafir khana Bahawalpur	Education ,health welfare	Zafar Iqbal	0300-9686824
211	Adam welfare society.	Local	3 marla colony ward no.16 greeb mohala hsp	Education	Rana shafiq	03006803590
212	Social welfare society	Local	Chak no.62 F hsp	Women welfare	Haji M.Afzal mahar	0300-7859006
213						
214	Welfare association for the Deaf & Dumb	Local	Hasilpur	Welfare of Disabled	M .farooq	0321-7596918
215	Golobal works organization	Local	Gala mandi Hasilpur	Women welfare	Nadeem hadir	0301-7925787
216	Anjuman islah-e-moashra	Local	71/F Hasilpur	Women welfare	Abdul ghafar	0301-7925171
217	Anjuman frogh-e-taleem greeb mohala	Local	Hasilpur	Women welfare	M.ahmad hussain	0333-9775351
218	Ahsas human rights &development .org.	Local	Darbar chok Hasilpur	Social programmes	Mian.frzand ali	0300-8732567
219	Anjuman frogh-e-taleem	Local	rasool abd colony Hasilpur	Social programmes	Ishfaq bhatti	0300-7853716
220	Anjuman tamero tarqi	Local	87/F Hasilpur	Women welfare	M.Ramzan	0303-7890587
221	Subhan allah dehi tanzeem	Local	77/F Hasilpur	Women welfare	Shabana kosur	0306-8957379
222	Organization for social welfare&	Local	H.no.91/A.st.no.3ward no.7/10 greeb	Women welfare	M.qasir abbas	0300-7850838

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.
	awareness (oswa)		mohala Hasilpur			
223	Tanzeeme karwan	Local	63/F Hasilpur	Women welfare	CH.manzoor ahmad	0300-4125878
224	Marsi women welfare society	Local	Mehmood colony Hasilpur	Women welfare	M.Asgar	0333-6344733
225	Alflah welfare society	Local	St.no.2 ward no.6 Hasilpur	Women welfare	Maqbol ahmad bhati	0300-7858437
226	Al-haq community development org.	Local	Alhaq medical store jalender colony Hasilpur	Health	M.anwar-ul-haq	0300-7854517
227	Social welfare organization	Local	Ada pul jamalpur teh. Hasilpur	Education	Haji muhammad ali	0306-7704874
228	T.B association	Local	Club road hsp	Health	Syed atta-ula- shah	0300-7851424
229	Anjuman flah-e- merzian	Local	THQ hospital hsp	Health	Tauqir ahmad gill	0300-7852009
230	Dehi tenzeem millat shekhwahan,	Local	moza shekhwahan Khair pur	Education	Khalid husaain faroqi	0300-7856215
231	Awami trqiati council	Local	Mohala wadera Khair pur	Women welfare	Umar Draz	0301-7923614
232	Anjuman smaji behbood	Local	Basti bhooran Khair pur	Women welfare	M.sadiq	0301-7796471
233	Al- habib women welfare organization	Local	Khair pur	Women welfare	Mian abdul qadir	0300-6825805
234	BRDP women organization	Local	basti pirojoya khairpur tamewali.	Women welfare	Munir mai	----
235	Alflah local support organization	Local	192/m. hsp	Women welfare	Kousar bibi	0306-4973492
236	Roshni local support organization	Local	shahpur hasilpur.	Women welfare	Sabiha	0323-5127622
237	Anjuman islah-e- moashra hsp(old)	Local	c/o rehamt book depo hsp	Social programmes	Rahmet ali	0300-7850955
238	Social environment clinical care organization of the needy	Local	Hasilpur	Health	Ali raza naqvi	0300-7854114
239	Safa welfare organization	Local	chak No.76/f. Hasilpur.	Water supply sceemes	Nazeer Husain	0333-3646115
240	Wasila welfare organization	Local	basti ariyan hsp	Health	Hafiz fiaz ahmad.	0300-7850841
241	Almakkah welfare society	Local	Hasilpur	Women welfare	Ishtaq ahmad.	0300-7852321
242	Al-ahad women welfare organiz	Local	railway road near gala mandi hsp.	Education	Faiqa shaheen	<b>0300-7852860</b>
243	Pakistan welfare society	Local	350/A st.no.7 ward no.11 near medni masjd kachi abadi hsp	Education	Saeed hameed	<b>0300-7855385</b>

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.
244	Youth welfare and development organization	Local	basti aanayti kpt.	Social programmes	m. hasnan	<b>0300-7850347</b>
245	Local sport organization	Local	islam U/C jhandani khairpur tamewali.	Women welfare	Perveen akhter	<b>0300-7378133</b>
246	Great Pakistan Lovers Welfare Society	Local	Ahmedpur East	Youth, Child, Women Welfare- Education	Aziz ur Rahman	0300- 6840408
247	Public Development Organization	Local	Uch Sharif Ahmedpur East	Child, Women Welfare- Health	M. Akmal Sheik	0300- 6802599
248	Pakistan Rural Education & Development Organization	Local	Tibbi Azzit APE	Youth, Child, Women Welfare- Education	M. Nasir Gulfam	0300- 6857636
249	Ijtamai Taraqiati Council	Local	Mahrab Wala APE	Youth, Child, Women Welfare- Agriculture	Zubair Lashari	0300-6822322
250	Ghous-Ul-Azam Welfare Society	Local	Uch Sharif APE	Youth, Child, Women Welfare	Karim Bux Hadari	0300- 6856406

## ANNEX VII: CONTACT LIST OF MAIN STAKEHOLDERS/ DEPARTMENTS

Irfan Ali Khan	Deputy Commissioner BWP	062-9250492 9250069	062-9250063	0341-0912083	062-9250493	dcobahawalpur@punjab.gov.pk
Hassan Mushtaq Sukhera	District Police Officer BWP	62-9250360	062-9255005	0345-8544440	062-9250369	sbdpobwp@gmail.com
Shahid Imran Marath	Addl. Deputy Commissioner (Rev), BWP	062-9250046	062-92500p40	0316-6353100	062-9250041	Adcbahawalpur@gmail.com
Ihsan Ali Jamali	Addl. Deputy Commissioner (HQ), BWP	062-9250071	-	0300-0600979	-	-
Baqir Hussain	DEO Rescue 1122 BWP	062-9250503	-	0333-7455945	062-2280765	Deo_bwp@rescue.gov.pk
Naeem Saddiq	AC BWP City	962-9250035	-	-	062-9250070	accity.bwp@gmail.com
Zahid Hussain	AC BWP Saddar	062-9250089	-	0333-13743472	-	acbwsaddar@gmail.com
Kamran Ashraf	AC Hasilpur	062-2442556	062-2443972	0344-7511031	062-2442556	-
Syed Usman Hassan	AC Ahmedpur East	062-2273381	062-2272876	0300-7729494	062-2273381	acahmedpur east@gmail.com
Kamran Afzal	AC Khairpur Tamewali.	-	-	0333-6009516	-	Assistant commissioner kpt@gmail.com
Malik Shahid Khokhar	AC Yazman.	062-2702600	-	0333-4974831	062-2702600	acyznbwp@gmail.com
Dr. Aurangzeb	CEO(Health)Bwp.	062-9255213	-	0345-5998080	062-9255213	edohealthbwp@punjab.com.gov.pk
Khalid Abbassi	Tehsildar, Bwp City.	-	-	0302-7528229	-	-
Musarat Bajwa	Naib. Tehsildar BWP Saddar.	-	-	0300-9686918	-	-
Mehboob Ahmed Khan	Tehsildar Yazman.	-	-	0300-4274453	-	-
Manzoor Hafeez	Tehsildar HSP.	-	-	0333-6285022	-	-
Muhammad Zafar Mughal	Tehsildar APE.	-	-	0302-7737772	-	-
Hafiz Muhammad Hassan	Naib Tehsildar Khairpur Tamewali.	-	-	0300-7808902	-	-
Zahoor Ahmed Chohan	CEO. Edu, Bwp.	062-9255115	-	0302-7733866	062-9255116	Edo-edu-bwp@yahoo.com
Eng. Sidra Shahid	Executive Engineer (OP) Irrigation Bwp.	092-9250265	-	0300-9544773	062-9250263	Cebahawalpur_irrigation@yahoo.com
Ch. Muhammad Shafique	Deputy Director Agri:(Ext)Bwp.	062-9255184	-	0300-6824369	-	doaexgbwp2010@gmail.com
Dr. Syed Muhammad	Addl. Dir .(Livestock)	9255187	-	0300-6850114	062-9255187	adlbawalpur@gmail.com

Sabtain	Bwp.					
Hussain Azad	Asstt. Agri. Engineer, (F), Bwp.	062-9330504	-	0300-6321636	-	aebahawalpur@gmail.com
Muhammad Ashraf	Civil Defence Officer Bwp.	062-9255199	062-9255199	0301-7662883	-	civildefencebr@gmail.com
Azeem Zeeshan	SNA, BWP.	062-9250304	-	0321-6841180	-	Snabahawalpur.punjab.gov.com
Mian Azhar Javed	Chief Officer Tehsil Council Bwp Saddar.	062-9255097	-	0300-9680406	062-9255097	-
Mian Azhar Javed (Additional Charge)	Chief Officer Met. Corporation Bwp. City	062-9250198	-	0300-9680406	062-9255439	mcbwp@gmail.com
Mian Azhar Javed (Additional Charge)	Chief Officer Tehsil Council Bwp Saddar.	-	-	0300-9680406	-	mcahmedpureast@gmail.com
Imtiaz Joiya	Chief Officer Tehsil Council Hasilpur.	-	-	0300-5264868	-	mchasilpur35@gmail.com
Imtiaz Joiya (Additional Charge)	Chief Officer Tehsil Council Khairpur Tamewali.	062-2261240	-	0300-5264868	-	mckhairpur@gmail.com

## ANNEX VIII: LIST OF VOLUNTEERS

S#	Volunteer Name	Enrolment/CNIC	Address	Contact Number and Email	Time Required to be on-board
1	Nasrulla Lodhi s/o Abdul Qadir Khan	830	Group "D"	0301-7708671	24 Hours
2	Ali Raza Alvi s/o Safdar Raza Alvi	192	Warden Post "B-3"	0300-6855917	24 Hours
3	Syed Tassarwar Abbas s/o Syed Faqr Hussain	939	Warden Post "C-2"	0315-6728741	24 Hours
4	Hammad Abbasi s/o Sajjad Ahmad Abbasi	937	Warden Post "D-2"	0313-8866894	24 Hours
5	Adil Rafique s/o Muhammad Rafique	209	Warden Post "D-1"	0311-8687391	24 Hours
6	Ali Muhammad Baloch s/o Muhammad Rafique	79	Warden Post "D-1"	0315-9158500	24 Hours
7	Muhammad Ishfaq s/o Muhammad Siddique	80	Warden Post "C-1"	0308-7638323	24 Hours
8	Muhammad Ejaz s/o Noor Muhammad	82	Warden Post "A-2"	0307-7416645	24 Hours
9	Nazeer Ahmad s/o Riaz Ahmad	84	Warden Post "C-2"	-	24 Hours
10	Muhammad Iqbal s/o Muhammad Fiaz	85	Warden Post "C-2"	-	24 Hours
11	Muhammad Munir s/o Riaz Ahmad	86	Warden Post "C-3"	0343-8744691	24 Hours
12	Haji Muhammad Rafique s/o Ranjhy Khan	90	Warden Post "A-1"	0300-9687519	24 Hours
13	Bashir Nawaz s/o Riaz Ahmad	91	Warden Post "C-1"	-	24 Hours
14	Ali Imran Haidar s/o Malik Zafar Hussain	62	Warden Post "A-2"	0333-6388662	24 Hours
15	Jabbar Maseh s/o Allah Rakha	48	Warden Post "D-1"	0342-7193662	24 Hours
16	Muhammad Ishaq s/o Choty Khan	36	Warden Post "E-1"	-	24 Hours
17	M Amir Farooq s/o Mian Muhammad Farooq	1014	Warden Post "A-2"	0307-7711619	24 Hours

S#	Volunteer Name	Enrolment/CNIC	Address	Contact Number and Email	Time Required to be on-board
18	Ali Raza Jaffri s/o Khadim Hussain Jaffri	282	Warden Post "C-2"	-	24 Hours
19	Arif Hussain Shah s/o Nazir Hussain Shah	577	Warden Post "E-2"	0303-6456578	24 Hours
20	Muhammad Shahbaz s/o Abdur Rashid	694	Warden Post "A-2"	0342-8887674	24 Hours
21	Muhammad Naveed Shahzad s/o Abdul Qadir	767	Warden Post "A-2"	0300-6808604	24 Hours
22	Sattar Maseh s/o Allah Rakha	787	Warden Post "D-2"	0343-7425517	24 Hours
23	Kausar Abbas s/o Ghulam Farid	1089	Warden Post "D-2"	0301-8789534	24 Hours
24	Muhammad Azam s/o Khushi Muhammad	797	Warden Post "E-1"	0321-7871742	24 Hours
25	Nabi Ahmad s/o Rasheed Ahmad	798	Warden Post "D-3"	0345-8634211	24 Hours
26	Muhammad Javed Khan s/o Muhammad Ramzan	805	Warden Post "E-2"	0300-9687519	24 Hours
27	Naveed Hussain s/o Manzoor Hussain	852	Warden Post "A-1"	030708116314	24 Hours
28	Abdul Majeed s/o Raheem Bukhsh	866	Group Warden "B"	0301-7722161	24 Hours
29	Syed Asad Abbas s/o Syed Sajjad Hussain Shamsi	884	Warden Post "E-1"	0332-4774145	24 Hours
30	Muhammad Azam Khan s/o Malik Imam Bukhsh	888	Warden Post "A-3"	0302-6565659	24 Hours
31	Sabir Hussain s/o Muhammad Hussain	889	Warden Post "D-3"	0346-8878067	24 Hours
32	Usman Jameel Bhatti s/o Abdul Jameel	900	Warden Post "B-1"	0312-2107674	24 Hours
33	Arfan Majeed Bhatti s/o Abdul Majeed Bhatti	901	Warden Post "B-1"	0302-8580864	24 Hours
34	Muhammad Imran s/o Muhammad Akram Bhatti	904	Warden Post "B-1"	0303-6167438	24 Hours
35	Muhammad Kamran s/o Muhammad Akram Bhatt	906	Warden Post "B-1"	0307-7461343	24 Hours

S#	Volunteer Name	Enrolment/CNIC	Address	Contact Number and Email	Time Required to be on-board
36	Muhammad Javed Khan s/o Faiz Bukhsh Khan	909	Warden Post "B-1"	0300-8977172	24 Hours
37	Asghar Shah s/o Iqbal Shah	927	Warden Post "B-1"	0300-2682845	24 Hours
38	Muhammad Basit s/o Rashid Ahmad	1091	Warden Post "C-1"	0301-2989074	24 Hours
39	Rana Sikandar Murtaza s/o Rana Ghulam Murtaza	929	Warden Post "A-3"	0312-6363817	24 Hours
40	Zahid Ameer s/o Muhammad Ameer	930	Warden Post "C-2"	0345-8729181	24 Hours
41	Feeroz Khan Lodhi s/o Nasrullah Khan Lodhi	932	Warden Post "D-1"	0301-7708671	24 Hours
42	Tanvir Abbas s/o Meraj Deen	935	Warden Post "E-2"	0302-7862997	24 Hours
43	Syed Muntazir Mehdi s/o Syed Abbas Hussain	938	Warden Post "A-3"	0311-7183013	24 Hours
44	Syed Mujtaba Haidar s/o Ghulam Shabbir Shah	942	Warden Post "A-3"	0313-4813917	24 Hours
45	Mubashir-ul-Haq s/o Muhammad Ashraf Khan	944	Warden Post "D-2"	-	24 Hours
46	Muhammad Arshad s/o Abdul Hafeez	851	Warden Post "E-1"	0321-7871742	24 Hours
47	Muhammad Imran s/o Muhammad Ramzan	87	Warden Post "E-2"	-	24 Hours
48	Muhammad Ejaz s/o Muhammad Bashir	92	Warden Post "E-1"	-	24 Hours
49	Salman Hazoor s/o Hazoor Bukhsh	928	Warden Post " "C-1"	0312-6216753	24 Hours
50	Muhammad Latif s/o Muhammad Nawaz	912	Warden Post "E-2"	0308-4573814	24 Hours
51	Muhammad Tahir s/o Muhammad Munir	846	Warden Post "C-1"	0345-8720583	24 Hours
52	Masuood-ul-Hassan s/o Muhammad	824	Warden Post "D-1"	0333-6384771	24 Hours

S#	Volunteer Name	Enrolment/CNIC	Address	Contact Number and Email	Time Required to be on-board
	Hassan Iqbal				
53	Abdul Waheed s/o Abdul Rehman	823	Warden Post "C-2)	-	24 Hours
54	Muhammad Naveed s/o Muhammad Idrees	820	Warden Post "E-1"	0332-4238006	24 Hours
55	Nadeem Ahmad s/o Riaz Ahmad	461	Warden Post "E-2"	-	24 Hours
56	Waseem Hassan s/o Khadim Hussain	818	Warden Post "E-2"	-	24 Hours
57	Saad Salman s/o Muhammad Ramzan	817	Warden Post "E-2"	0305-3291085	24 Hours
58	Farhan Akbar s/o Akbar Ali	816	Warden Post "E-2"	0334-7073597	24 Hours
59	Muhammad Sajjad Awan s/o Muhammad Fiaz Aw	815	Warden Post "D-1"	0336-6611941	24 Hours
60	Muhammad Usman s/o Muhammad Abdullah	812	Warden Post "E-2"	0300-7813855	24 Hours
61	Muhammad Arshad s/o Ghulam Haidar	808	Warden Post "E-2"	0302-6857845	24 Hours
62	Shahzad Naich s/o Muhammad Bukhsh Awaisi	777	Warden Post "A-2"	0313-6602021	24 Hours
63	Imtiaz Ahmad s/o Muhammad Maskeen	775	Warden Post "D-1"	0306-6320455	24 Hours
64	Abdul Waheed s/o Jahan Shah	770	Warden Post "C-1"	0301-3196002	24 Hours
65	Qari Gulzaib s/o Malik Elahi Bukhsh	684	Warden Post "C-4"	0346-3596119	24 Hours
66	Hafiz Muhammad Younis s/o Malik Ghulam Nabi	644	Warden Post "B-3"	0300-6806689	24 Hours
67	Abrar Ahmad s/o Shah Muhammad	642	Warden Post "D-2"	0313-6555153	24 Hours
68	Malik Dilawar s/o Malik Taj Muhammad	637	Warden Post "E-2"	0302-7793426	24 Hours
69	Abid Hussain Shah s/o Nazeer Hussain Shah	462	Warden Post "E-2"	-	24 Hours
70	Muhammad	463	Warden Post "E-2"	-	24 Hours

S#	Volunteer Name	Enrolment/CNIC	Address	Contact Number and Email	Time Required to be on-board
	Zahid s/o Muhammad Ismaeel				
71	Sajid Mehmood s/o Shahid Iqbal	631	Warden Post "E-1"	0306-7160976	24 Hours
72	Majid Hussain s/o Mushtaq Hussain Shah	624	Warden Post "D-3"	0306-6313580	24 Hours
73	Muhammad Tahir s/o Muhammad Siddique	623	Warden Post "D-3"	0322-6529370	24 Hours
74	Muhammad Abbas s/o Khuda Bakhsh	622	Warden Post "D-3"	0303-6741873	24 Hours
75	Muhammad Riaz s/o Amanat Ali	894	Warden Post "B-1"	0313-8111660	24 Hours
76	Muhammad Adil Akmal s/o Muhammad Aslam	898	Warden Post "B-1"	0347-7002204	24 Hours
77	Muhammad Adnan Aslam s/o Muhammad Aslam	889	Warden Post "D-3"	0303-6167438	24 Hours
78	Muhammad Umar Nasir s/o Nasir Jamal Bhatti	902	Warden Post "B-1"	0305-5034242	24 Hours
79	Ehsan-ul-Rehman Rana s/o Hafiz Riffat Rehman	903	Warden Post "B-1"	0313-6288475	24 Hours
80	Muhammad Parvez s/o M. Khalid Mehmood	945	Warden Post "B-1"	0302-3186973	24 Hours

## 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-170-BWP-I	Muhammad Farooq-e-Azam Mali	PTI	0300-8544392	PP-245-BWP-I	Malik Zahir Iqbal Chanar	PML(N)	0321-6802727
NA-171-BWP-II (KPT)	Mian Riaz Hussain Pirzada	PML(N)	0300-5007649 0300-3682553	PP-246-BWP-II	Sami Ullah Ch. (Minister Food Punjab)	PTI	0300-8685252
NA-172-BWP-III	Ch. Tariq Bashir Cheema	PML(Q)	0345-8776222 0321-8440940	PP-247-BWP-III	Mian Kazim Ali Peerzada	PML(N)	0301-8682226 0321-6359999
NA-173-BWP-IV	Mian Najeeb-ud-Din Awaisi	PML(N)	0300-9681512 0334-9681512	PP-248-BWP-IV	<b>Muhammad Afzal Gill</b>	PMLN	0300-7859566
NA-174-BWP-V	Makhdoom Syed Sami-ul-Hassan Gillani	PTI)	0300-8689998	PP-249-BWP-V	Mr. Ehsan ul Haq	PMLQ	0300-8686841
				PP-250-BWP-VI	Dr. Muhammad Afzal	PMLQ	0300-8685156
				PP-251-BWP-VII	Malik Khalid Mehmood Waran	PMLN	0300-8680174
				PP-252-BWP-VIII	Mian Muhammad Shoaib Awaisi	PMLN	0300-9681750
				PP-253-BWP-IX	Sahibzada Muhammad Guzain Abbasi	PTI	0300-8686400
				PP-254-BWP-X	Syed Iftikhar Hassan	PTI	0300-8680333

## ANNEX X: LOCAL GOVERNMENT

### District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number
1	District Chairman	Bahawalpur	Sheikh Dishad Ahmad Qureshi	9255098	0300-7194845 0345-8744005
2	District Vice Chairman	Bahawalpur	Ch. Muhamad Javed	9255098	0345-8728108
3	District Vice Chairman	Bahawalpur	Sahibzada Fazal Mahmood Manghairvi	9255098	0304-4115117
4	Mayor, Municipal Corporation, BWP	Bahawalpur	Aqeel Najam Hashmi	9250196	0301-8680028
5	Deputy Mayor, Municipal Corporation, BWP	Bahawalpur	Malik Munir Iqbal Channer	-	0300-9686362
6	Tehsil Chairman	Ahmadpur East	Malik Usman	0622-271101	0301-8788878
7	Tehsil Vice Chairman	Ahmadpur East	Mian Muzammil	-	0300-6800562
8	Tehsil Chairman	Hasilpur	Mian Ishfaq Ramay	-	0300-7859048
9	Tehsil Vice Chairman	Hasilpur	Haji Muhammad Shafi Anjum	-	0300-8680327
10	Tehsil Chairman	Khairpur Tamewali	Mian Amir Arslan	06222-61240	0300-4996543
11	Tehsil Vice Chairman	Khairpur Tamewali	Shah Nawaz Khan	-	0301-3192507
12	Tehsil Chairman	Yazman	Shams-ul-Haq	-	0321-7772920
13	Tehsil Vice Chairman	Yazman	Zohaib Basra	-	0301-8682581

### UC Level

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
1	<b>Bahawalpur City</b>	Bahawalpur City-1	Muhammad Shahid Iqbal Khan	0301-8705050	Malik Muhammad Ramiz Channar	0322-5167008
2		Bahawalpur City-2	Malik Irshad Ahmad	0300-9681541	Malik Muhammad Adeel Channar	0300-8688900
3		Bahawalpur City-3	Malik Muhammad Din	0300-6841950	Muhammad Siddique-ur-Rehman	0300-6834425
4		Bahawalpur City-4	Muhammad Bilal Baloch	0300-9682434	Shahid Noor Balouch	0301-7707027
5		Bahawalpur City-5	Ch. Muhammad Khalid Hussain	0300-9683359	Muhammad Rafiq Mahtam	0300-6810232
6		Bahawalpur City-6	Mr. Noor-ul-Hassan	0300-8713491	Mian Muhammad Aslam Joyia	0301-6506277
7		Bahawalpur City-7	Mian Maqbool	0300-	Ramzan Ali	0300-

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
			Ahmad	9682028		9685265
8		Bahawalpur City-8	Rao Zeeshan Akhtar	0300-8687303	Tariq Waheed Ch.	0300-9684875
9		Bahawalpur City-9	Qayyum Azam Khan	0301-8680111	Waseem Iqbal Warran	0300-7099003
10		Bahawalpur City-10	Malik Rab Nawaz	0300-6841347	Ch. Bashr Ahmad	0300-6848365
11		Bahawalpur City-11	Dr. Malik Muhammad Afzal	0300-7814922	Ch. Zafar Mehmood	0335-7522425
12		Bahawalpur City-12	Meer Syed Khalil Ur Rehman	0302-7564140	Muhammad Arshad Junajo	0322-6540879
13		Bahawalpur City-13	Haji Muhammad Iqbal	0300-6818357	Sabir Sadiq	0300-0681560
14		Bahawalpur City-14	Syed Fargham Ishtiaq	0305-6597607	Malik Muhammad Naeem	0300-6815404
15		Bahawalpur City-15	Muhammad Sikandar	0301-8685252	Muhammad Akbar Qureshi	0300-6812790
16		Bahawalpur City-16	Sheikh Rizwan Elahi	0300-8684858	Adeel Aslam	0300-9682616
17		Bahawalpur City-17	Muhammad Imran	0301-7797500	Muhammad Ajmal Wanjara	0304-2829004
18		Bahawalpur City-18	Zahid Mehmood Malik	0300-8780777	Ch. Muhammad Arshad	0300-8683275
19		Bahawalpur City .19	Syed Abdul Moeed Shah Bukhari	0300-9680081	Muhammad Sharif Shad	0300-7812773
20		Union Council No.20-Khanuwali	Malik Muhammad Tahir	0300-6831154	Saleem Akhtar	0304-9818747
21		Union Council 21-Raman	Ghulam Muhammad Malik	0300-6859489	Mahar Muhammad Akhtar	0301-4127499
22	<b>Bahawalpur Sadar</b>	Union Council No.1. Sanjar	Muhammad Asad Khan	0306-7720007	Riaz Khan	0300-6805464
23		Union Council No.02-Abbas Nagar	Muhammad Farooq	0300-6851106	Aman Ullah	0341-3282823
24		Union Council No.03-Chak No.38/BC	Muhammad Anwar	0300-8162377	Ghulam Murtaza	0302-7324677
25		Union Council No.04-Chak No.04/BC	Asad Rasool	0300-6812878	Muhammad Afzal	0300-8620631
26		Union Council No.05-Chak No.12/BC	Muhammad Imran	0300-9650142	Abdul Wahid	0300-6805387
27		Union Council No.06-Chak No.23/BC	Muhammad Saeed Chaudhary	0333-6392244	Muhammad Saddique	0303-0867925
28		Union Council No. 07-	Sh. Dilshad Ahmed	0345-	Sh. Sah Nawaz	0346-

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
		Mari Sheikh Shujra		8744005	Akhter	7564663
29		Union Council No. 08-Khanqah Sharif	Mian Khalid Sabri Awaisi	0346-7144494	Muhammad Hassan Awaisi	0333-3542222
30		Union Council No. 09-Tibba Miani	Zahid Farid	0345-3125993	Eidu Shah	0301-7798734
31		Union Council No. 10-Rukrani	S. Waqas Ali Shah	0300-8822919	Muhammad Sarfaz	0301-2655782
32		Union Council No.11-Jalalabad	Maqsood Akbar Khan	0345-8704218 PP	Ahmed Bux	0302-7782240
33		Union Council No.12-Miani	Malik Muhammad Akram Sandha	0300-6811028	Mureed Hussain	0300-6827082
34		Union Council No.13-Jamrani Kohna	Muhammad Shahzad Awaisi	0300-6801881	Malik Muhammad Moosa	0300-6808811
35		Union Council No.14-Jamal Channar	Shafqat Mehmood Abbasi	0300-6868900	Muhammad Iqbal	0300-9688637
36		Union Council No.15-JindooMissan	Malik Muhammad Arif	0302-7879712	Rab Nawaz	0300-6776593
37		Union Council No.16-Goth Mehrab	Muhammad Amjad	0300-6885936	Malik Ghulam Mustafa	0300-9686336
38		Union Council No.17-Wahi Hussain	Muhammad Kaleem ullah	0301-7740253	Shabir Ahmed Khan	0302-7869046
39	<b>Hasilpur</b>	Union Council No.18-Jamalpur	Sahib Zada Fazal Mehmood	0304-4115117	Muhammad Siddique	0300-7855600
40		Union Council No.19-Shah Pur	Muhammad Ibrahim	0300-7857664	Abdul Rasheed	0300-7854306
41		Union Council No.20-Qaim Pur	Shahid Iqbal	0300-7204552	Saeed Iqbal	0300-7853893
42		Union Council No.21-Khairu Ghazi Khanana	M. Farooq Nawaz	0300-7853345	Syed Dilshad Muhammad	0300-7851900
43		Union Council No.22-Pallah	Ahmad Raza	0300-7852905	Ghafoor Ahmad	0300-7877504
44		Union Council No.23-Hasilpur Old	M. Jalal Doltana	0300-7859155	Rashid Ahmad	0300-7859753
45		Union Council No.24-Chak No.71/Fateh	Khalid Mehmood Virk	0323-7876669	Muhammad Afzal	0306-8750986
46		Union Council No.25-Chak No.79/Fateh	Muhammad Sarwer Gill	0300-7851248	Rizwan Habib	0300-7854276
47		Union Council No.26-Chak No.58/Fateh	Khalid Javaid	0300-7859958	MUHAMMAD ASHRAF	0321-7590714
48		Union Council No.27-Chak No.89/Fateh	Muhammad Saeed Hameed	0300-7859387	MAZHAR-UL-HAQ	0300-7850180
49		Union Council No.28-	Ch. Ejaz Ahmad	0300-	AKHTER ALI SIDHU	0300-

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
		Chak No.188/Murad	cheema	8681185		8612188
50		Union Council No.29- Chak No.163/Murad	Ch. Muhammad abbassidhu	0300- 7685554	ALI RAZA	0300- 8681065
51		Union Council No.30- Chak No.192/Murad	Muhammad Asif Yaqoob Cheema	0300- 8680160	SHABBIR AHMAD	0345- 8736194
52	<b>Khairpur Tamewali</b>	Union Council No.31, Guddan	Asif Afzal	0333- 6777444	Rana Noor Muhammad	0321- 6822411
53		Union Council No.32, Israni	Muhammad Ahsan	0300- 2474433 0334- 9191111	Muhammad Mukhtiar Ahmad	0301- 6939066
54		Union Council No.33, Behli	Maqbool Hussain Khan Abbasi	0300- 6850440	Malik Zulfaqar Wagi	0300- 6814605
55		Union Council No.34, Kotla Qaim Khan	Haq Nawaz	0300- 6856022	Post Vacant	-
56		Union Council No.35, Syed Imam Shah	Fiaz Hussain	0300- 6385993	Liaqat Ali	0300- 7855657
57		Union Council No.36, Sheikh Wahan	Mian Azhar Hassan Pirzada	0300- 8636714	Gulzar Ahmad	0307- 2603724
58		Union Council No.37, Karam Pur	Rabnawaz Khan	0300- 6216403	Mazhar Farid Wattu	0300- 7599927
59		Union Council No.38, Inayati	Muhammad Nawaz	0300- 8683848	Muhammad Sadiq	0300- 6805550
60	<b>Ahmad Pur East</b>	Union Council No.39,NausheraJadeed	M. Saddique	0300- 6836045	Syed Mohammad Arshad Shah	0300- 8626512
61		Union CouncilNo.40- Janoo Wala	Malik Mustaq Hussain	0300- 6813206	Ahmad Khan	0300- 7818742
62		Union Council No.41,Mubarak Pur	Rahim Bux	0300- 6811030	Mohammad jameel Akhter	0305- 6900562
63		Union Council No.42,AliKharak	Syed Akhtar Ali Shah	0300- 6849969	Malik Faiz Bux Kharak	0300- 6849969
64		Union Council No.43,Mud Peer Wah	Malik Amir Ali Channar	0301- 7717786	Mohammad Ijaz	0301- 2857816
65		Union Council No.44,Tibbi Izzat	Dr. Malik Fayaz Mehmood	0300- 8780612	Abdul Basit Hassan	0300- 6599909
66		Union Council No.45,Mehrab Wala	M. Zubair Lashari	0300- 6822322	Jam .M .KhizarHayyat	0301- 7630538
67		Union Council No.46, Sukhail	Syed Sajjid Ali Raza	0300- 6817960	Arif Hussain	0301- 3191511
68		Union Council No.47, Sheikh Roshan	Mahar Muhammad Jameel	0300- 6820678	NASIR ABBAS	0301- 7700905
69		Union Council No.48,	Raees Abdul	0300-	SAJID MEHMOOD	0300-

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
		Khuda Bux Mahar	Hakeem Perhar	6852200		7815570
70		Union Council No, 49.Mandhal	Abid Ghalu	0300-8685504	SADIQ MUHAMMAD ARAIN	0303-7202171
71		UC No.50, Bahawalpur Ghalwan	Malik Muhammad Farooq Ghalu	0302-7878296	MALIK RAFIQ AHMAD	0301-3518627
72		Union Council No. 51, Hathaiji	Saeed Ahmad	0300-7015111	TARIQ NAWAZ	0301-2783673
73		Union Council No.52Khairpur Daha	Malik Faiz Ullah	0300-6823912	MUHAMMAD ABDULLAH	0344-7018947
74		Union Council No.53, Dhoor Kot	Malik Qadir Bukhsh	0306-8012100	NAZEER AHMAD	0304-5267828
75		Union Council No.54, Wahi Bahawal Shah	Malik Yasir Waran	0300-6801730	MUHAMMAD AJMAL	0300-6323068
76		Union Council No.55, Nonari	Sardar Malik Jahangir Warun	0300-9603303	MUHAMMAD IBRAHEEMNOONARI	Nil
77		Union Council No.56, Kotla Musa Khan	Umair Abdullah	0300-9687623	RAO RAEESAHMAD.	0300-6825410
78		Union Council No.57,Ghous Pur	Faiz Muhammad Khan Khakwani	0300-9688981	ALLAH BUKHSH AYUB	0301-7771952
79		Union Council No.58, Uch Bukhari	Malik Rafique Ahmad	0300-6897003	MASSU KHAN	0300-6840216
80		Union Council No.59, Uch Gillani	MakhdoomSuleman Hassan Gillani	0300-8689997	MALIK SABIR RASOOL	0301-7702479
81		Union Council No.60, Khurum Pur	Syed Muhammad Raza Diwan Almaroof Dewan Punnon Sain	0300-6820434	Rana Munir Ahmad Uttera	Nil
82		Union Council No.61, Kulab	Raees Abdul Waheed Parhar	0300-6814161	RASHEED AHMAD PANWAR	0300-6827982
83		Union Council No.62, Channi Goth	Mahar Muhammad Siddique	0300-8689225	MUHAMMAD KHALID	0300-7853469
84		Union Council No.63,Rajar Hoo	Yasir Saleem	0300-8682200	Pervez Akhtar	0300-9688183
85		Union Council No.64,Mahand	Malik Rashid Mehmood Naich	0300-6826700	Abdul Qadeer Naich	0302-8045544
86		Union Council No.65, Kot Khalifa	Khalid Hameed Sheikh	0300-6855909	Malik Allah Nawaz	0300-8599312
87		Union Council No.66,Bun Wala	Malik Muhammad Jamshed	0300-8681122	Manzoor Ahmad	0305-9286761
88		Union Council No.67, Sadiqabad	Jam Muhammad Aslam Nihaya	0300-6855099	Abdul Ghafoor Khan	0300-9689224
89		Union Council No.68, Bakhtiari	Ahmad Nawaz Khan Bakhtiari	0300-6856766	Syed Mehboob Alam	0300-6852177

S#	Tehsil	UC	Chairman	Chairman Contact	Vice Chairman	VC Contact
				PP		
90		Union Council No.69, Chanab Rasoolpur	Jaleel-ur-Rehman Khan	0300- 6841991	Bashir Ahmad	0300- 6820640
91	<b>Yazman</b>	Union Council No. 70 Chak No.68/DB	Rashid Ali Jajja	0321- 6864646	Sarfraz Ullah	0343- 7196052
92		Union Council No. 71 Chak No. 44/DB	Muhammad Umer	0346- 8859545	Faqeer Muhammad	0345- 8715744
93		Union Council No. 72 Chak No.50/DB	Akhtar Ali	0300- 8681363	Muhammad Tariq	0346- 8836691
94		Union Council No. 73 Chak No.88/DB	Haji Naseer Ahmad Gill	0300- 8810868	Muhammad Aslam	0307- 5275691
95		Union Council No. 74 Chak No.106/DB	Hafiz Ahmad Ali	0321- 7576207	Hafiz Ghulam Murtaza	0301- 7742102
96		Union Council No. 75 Chak No.108/DB	Muhammad Javaid Ch	0345- 8728108	Abdul Wahid	0344- 7191013
97		Union Council No. 76 Chak No.117/DB	Shahid Shabir	0300- 8496797	Muzhar Hussain	0312- 6252117
98		Union Council No. 77 Chak No.67/DB	Ahmad Saeed	0321- 6151115	MUHAMMAD AKBAR	0301- 5771138
99		Union Council No. 78 Chak No.6/DNB	Muhammad Kamran Ahmad	0300- 6804676	ZAFAR IQBAL	0302- 6554553
100		Union Council No. 79 Chak No.17/DNB	Inyat Ullah	0302- 7808437	MUZZMIL JAMEEL	0300- 5570089
101		Union Council No. 80 Chak No.35/DNB	Chowder Zulfiqar Ali	0300- 6842300	Muhammad Jameel Number Dar	0300- 7855964
102		Union Council No. 81 Chak No.36/DNB	Muhammad Akram Saqib	0301- 8684237	GHULAM ABBAS	0302- 4227447
103		Union Council No. 82 Chak No.22/DNB	Altaf Hussain	0306- 7729724	SHOUKAT ALI SHAHID	0343- 7202348
104		Union Council No. 83 Chak No.47/DNB	Haji Falak Shair Tahir	0300- 0764775	Ch. Muhammad Akram Thootha	0300- 2025047
105		Union Council No. 84 Chak No.98/DNB	Ch. Ahmed Nawaz Cheema	0300- 6809678	Umar Draz Cheema	0300- 8719102
106		Union Council No. 85 Channan Peer	Sheikh Hassan Mahmood Qureshi	0301- 5492525	Ghulam Muhammad Qureshi	0345- 8745448
107		Union Council No. 86 Derawar	Rai Muhammad Sharif Parhar	0345- 8745349	Mahar Abdul Latif	0345- 8171550
108		Union Council No. 87 Meerana	Malik Abbas Bohar	0345- 1375533	Azam Khan	0346- 8415670

## 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)

### 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

### 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

**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.
----	----------------	-------------	------	-------	--------	-----------------	-------------------------------------	--------------------------	--------------------------------	--------------------------------

**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
----	--------	-----------	---------------	-------	-------------	-------------------	----------------	----------------	---------------	-----------------------------	---------------------

**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
----	-----------------------	-----------------------	-------	----------	----------------------	---------------	-------------	-------------	----------

**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
----	--------------------	-------------	----------------	-----	------	----------------------------	---	-------------	---------------	---------------------	---------------------

**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
----	-------------	----------	------	--------	-----	-------------------	-----------------	------	---------	----------

**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.
----	-------------	-------------	-----------------	--------------------	------------------------------	----------------------	-----------------------------------

**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
----	--------------------------	-----------------------------------	------------------------------------	-------------------------------------	---------------	-------------	-----------------

## 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.

Land	3.0-4.5 square meter per person
<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	Punjad 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-	Khangarh 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	Burala 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	Punjnad 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
	Punjnad	7	1.5	2	3	4.5	6
RAVI	Jassar	2.75	0.5	0.75	1	1.5	2
	Ravi Syphon	4	0.4	0.65	0.9	1.35	1.8
	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
SUTLEJ	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
	Islam Mailsi Syphon	3 4	0.5 0.75	0.8 1.1	1.2 1.5	1.75 2.25	2.25 3

## 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.

Doner