

# DISTRICT DISASTER MANAGEMENT PLAN 2022

Division: SARGODHA  
District: MIANWALI



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## EXECUTIVE SUMMARY

XX

Estimated number of people at risk of **hill torrent** in 2022

33%

of total population

Risk: High

XX

Estimated number of people at risk of Flood in 2022

15%

of total population

Risk: Medium

XX

Estimated number of people at risk of earthquake in 2022

05%

of total population

Risk: Low

XX

Estimated number of people at risk of epidemic in 2022

33%

of total population

Risk: Medium

The Indus River runs through Mianwali District. In view of the land characteristics along the bank of River Indus and heavy Monsoon rains during summer season, the Kacha areas situated along the banks of Indus River are generally hit by high floods.

Whenever there is high flood in Indus River, it disturbs the entire social, economics, communication and agriculture system of this District. High Flood in Indus River generally causes disturbance both in urban and rural areas, particularly low lying areas (katcha) of Tehsil Isakhel, Mianwali, and Piplan of the District.

By the Grace of Almighty Allah, District Government is fully alert and vigilant to meet any flood related emergent situation.

## **AIM AND OBJECTIVES:**

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

The main objectives of the plan include:

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

# **DISTRICT PROFILE**

## **Socio-Economic Indicators (Average)**

<b>S.No.</b>	<b>Particulars</b>	<b>Numbers</b>
1.	Population	1,546,094
2.	No. of Tehsils	3
3.	No. of UCs	51
4.	No. of Revenue Estates	256
5.	Population Density (people per km <sup>2</sup> )	264.70
6.	Family Size	4
7.	Population Growth Rate	2.02
8.	PCI	2736.4777
9.	District GDP/Annual Income	
10.	Poverty Rate	46%
11.	Population/Doctor Ratio	1000/1
12.	AMR	..
13.	IMR	77/1000 live births
14.	MMR	140/100,000 live births
15.	Literacy Rate	62%
16.	Global Acute Malnutrition (GAM) rate	17.7%
17.	Severe Acute Malnutrition (SAM) rate	6.4%
18.	Percentage of population having access to clean drinking water	90%
19.	Annual Crime(Punjab Development Statistics)	5552

### **Population**

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
1,546,094	774,060	771,995	.	.	.

Source/Note: Census 2017

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks & Morter)
148837	52605	96232

Source/Note: Census 2017

### Area(Acres)

Total Area of District in Acres	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
5840	850823	471898	378925

Source/Note: Agriculture Department

### Literacy Rate

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
62%	71%	44%	80%	62%	73%	47%

Source/Note: Education Department

Government Schools: 1240

Private Schools: 495

	Schools		Schools	
	Total/ Overall		Total/ Overall	
Boys	1240		495	
	Primary	364	Primary	6
	Middle	70	Middle	9
	High	95	High	82
	Higher	09	Higher	32
Girls	552		05	
	Primary	552	Primary	05
	Middle	80	Middle	110
	High	59	High	75
Co-Education	Nil		31	
	Primary	Nil	Primary	31
	Middle	Nil	Middle	
	High	Nil	High	
Special Education	07		Special Education	

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

Particulars	College	Universities	Technical	Commerce	Total
No of Institution	15	1	05	3	24

### Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	52	4	0	10	66

Annual OPDs	1391057	1288272	0	54500	2,733,829
No of beds	124	475	0	100	699
Doctors Available	90	385	0	50	525
Paramedical staff	1500	425	0	75	2000
Ambulances	21	5	0	5	31
Mobile Medical Units	3		0		3

## Livestock.

Small Animals (goats, sheep etc.):.584738

Big Animals (cows, buffalos, camel etc.).448158

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

Agriculture	Live stock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skill ed Labor	Unskilled Daily Labor	General Labor
70%	5%	0.5%	2%	15%	5%	10%	4%	5%	15%	%

## Disaster History - Floods (since2010)

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	2010	461,472	12	126	163,218	107,190	20000 (each)	
2	2011					Low Flood		
3	2012					Low Flood		
4	2013	64,124	0	10	12,885	3,206	0	-
5	2014					Normal Flow		
6	2015	15,420	4	95	56	1,299	0	-
7	2016					Low Flood		
8	2017					No Affectees reported		
9	2018					Low Flood		
10	2019					Low Flood		
11	2020					Low Flood		
12	2021					Low Flood		

## Disaster History – Other disasters (since 2010)

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1	2015	Earth Quack	1	1	0
2	2015	Heavy Rain/Hill Torrent	3,807	1	0
3	2015	Aircyclone incident in Mouza Doaba	49	0	0

## General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Attock, Bhakkar, Chakwal, Dea Ismail khan (KPK), Khushab, Lucky Marwat (KPK),Kark (KPK),Kohaht (KPK)

Topographical Features	Mianwali district covers an area of 5,840 square kilometres (2,250 sq mi). The area in north is a continuation of the Pothohar Plateau and the Kohistan-e-Namak. Southren side of the district is a part of Thal Desert. Indus Riverflows through the district.
Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc. Temperature: Max 52 °C, Min 3 °C Annual precipitation/Rail Fall 385 mm Storms, heat waves, etc.
Major Rivers	1. Indus River (length: 112 Miles) 2. Kurram River (20KM)
Major Nullahs / Hill Torrent/Streams	1. Jabba Nullah 2. Chichali 3. Adwala 4. Baroach 5. Rakka 6. Darsola
Motorway/Highway	Vulnerable points of motorway/highway i. Mianwali-Muzaffar Garh Road (MM Road), ii. Mianwali-Sargodha-Lahore Road, iii. Mianwali-Talagang Road, iv. Mianwali-Bannu Road, v. CPEC- western route-M-14 Motor way
Railways	No Vulnerable points of Railway
Geological features	e.g. fault line, mountainous areas etc. i. Koh-e-Suleman Range ii. Jehlum to Kalabagh (Salt Range) iii. Kalabagh to Isa Khel (Surger Range) iv. Chashma to Kundal (Koh-e-Hindu Kash Range).

### Dams (including small dams)

Name of Dam	GPS Coordinates	Capacity	High Flood Level	Critical Points, if any
Namal	X:32.665072 Y: 71.802252	630MCF	1175	-

### Major Embankments/Bunds

Sr.	Name of Bund / Spur / Guide Wall / Studs.	LENGTH		Year of Construction	Remarks/ Presentant status	GPS Location of Critical/ Vulnerable Points
		RD:	Miles			

1	J-Head Spur at Village Kahloon	2+120	0.42	2006	Satisfactory	X: 32.415133 Y: 71.401110
2	J-Head Spur at Village Bhakra	2+500	0.50	1997	Satisfactory	X: 32.389277 Y: 71.409378
3	Guide Spur at Alluwali	2+200	0.44	1996 / 2005	Satisfactory	X: 32.371263 Y: 71.402432
4	Protection Wall at Alluwali	2+250	0.45	2013	Satisfactory	X:32.367179 Y: 71.401926
5	Protection Wall at Dhingana	1+000	0.20	2017-18	Satisfactory	X:32.354895 Y: 71.399407
6	Solid Stone Stud near village Doaba	1+840	0.37	2016-17	Satisfactory	X: 32.339367 Y:71.386928
7	J-Head Spur at Piplan	3+514	0.70	1995	Satisfactory	X: 32.354895 Y:71.399407
8	Guide Wall Spur at Piplan	1+410	0.28	1995 / 2006	Satisfactory	X: 32. 1703 Y:71.2104
9	Guide Spur at Musewali	2+000	0.40	1996	Satisfactory	X: 32. 1542 Y:71.2010
10	J-Head Spur at Alluwali (shank portion)	1+400	0.28	Under construction	Revised PC-I prepared on the basis of Fresh Model Study and submitted for approval.	X: 32.362717 Y:71.399022
11	Guide Head Spur at 29+000 Dhingana	3+125	0.63	Under construction	Work in progress	X: 32.345835 Y:71.389561
12	J-Head Spur at RD: 35+600 Doaba	3+675	0.74	Under construction	Work in progress	X: 32.331707 Y:71.377234

### Breaching Section

Name of Bund/ Embankment	Name of Breaching Section	Likely Affected Population			Likely Affected Revenue Estate
		Male	Female	Children	
Indus	Kot Chandna	No Population is likely to be effected			Kot Chandna

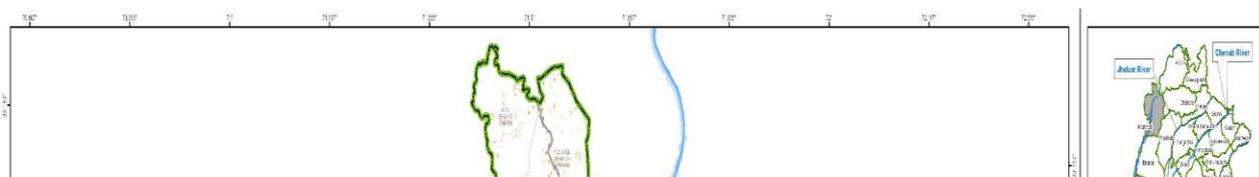
### Power Houses/Grid Station/Oil Depot/other sensitive installations

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Jinnah Hydro Power Project	96 MV	X:32.9268835 Y:71.5029624	Liaquatabad, PiplanGrid	132/66 KV	X:32.2844867 Y:71.387044
Trag Grid Station	66KV	X:32.7802619 Y:71.2939117	Chashma Grid Station	132 KV/66 KV	X:32.4386261 Y:71.3712001
Makerwal Grid Station	66KV	X:32.8560516 Y:71.1965494	Chashma Hydro Power	184 MV	X:32.4386261 Y:71.3712001
Esa Khel Grid Station	MVA: 13 Amp: 653		Daud Khel Grid Station	MVA: 39 Amp: 1958	
Wan Bhachran Grid Station	MVA: 53 Amp: 2661		Kalabagh Grid Station	MVA: 26 Amp: 1306	
Mianwali Grid Station	MVA: 106 Amp: 5321		Musa Khel Grid Station	MVA: 13 Amp: 653	

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

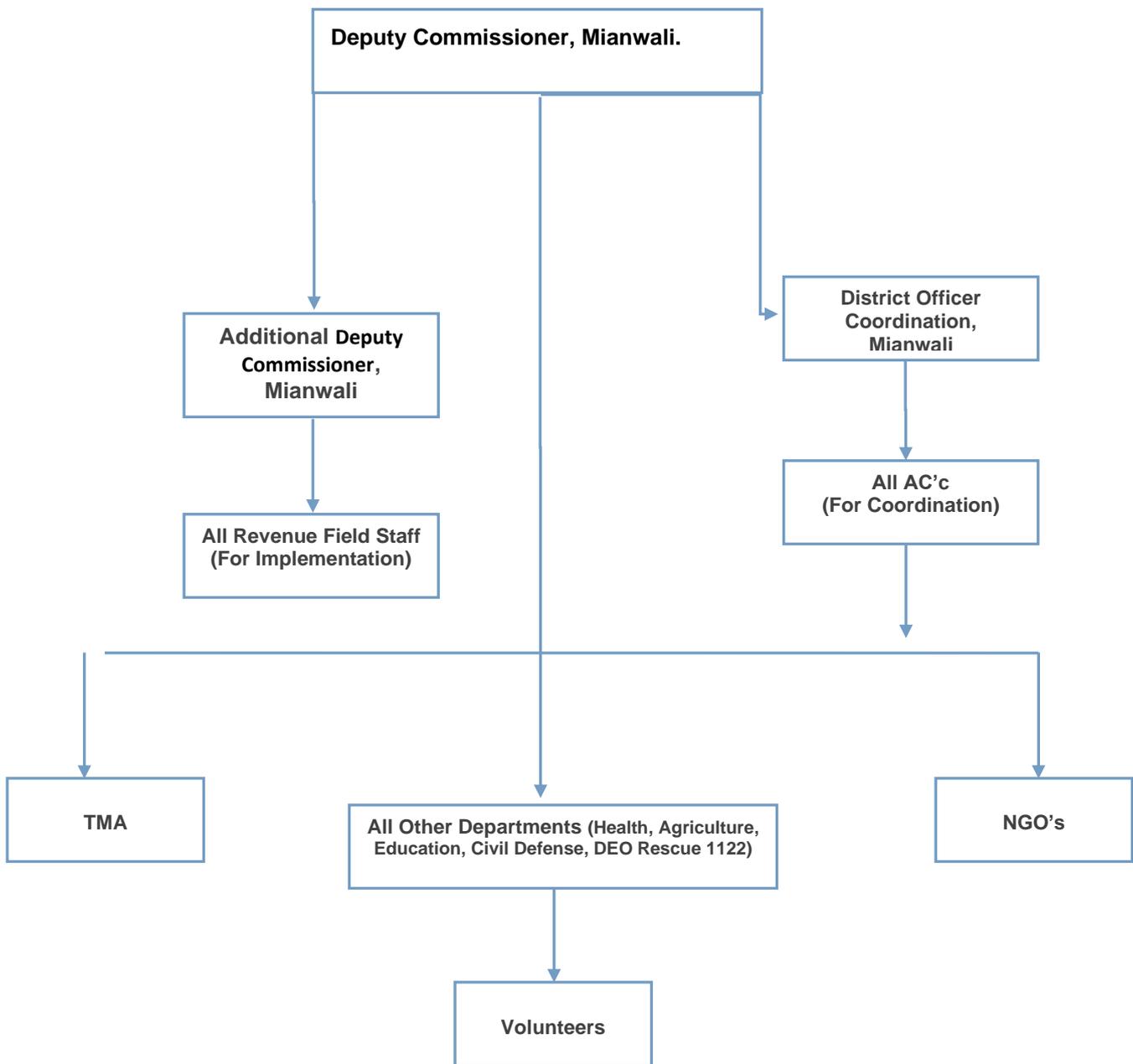
Facility Type	Location with GPS Coordinates
Flospan, Zila Council Secretariat, Mianwali	X:32.583035 Y:71.548009

## District baseline/reference map



# 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 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, CEOs, 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 / Town Municipal Administration (TMA)**

- Tehsil / Town Municipal Administration (TMA) 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 / Town Municipal Administration TMA will provide assistance to the District Government for setting up and management of relief camps/ operations.
- TMAs are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- TMAs 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.
- TMAs sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- TMAs employ de-watering sets to remove excess water. All TMAs are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The TMA maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- TMA 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 TMA under the concerned Administrator i.e ADC/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local TMAs manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

### **District Disaster Management Authority (DDMA)**

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DC. The office of the DC fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, TMAs and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the TMAs.
- 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 (ADC). The ADC 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)**

1. District Police Officer
2. Additional Deputy Commissioner, Mianwali
3. Two Elected Representatives to be nominated by the Chair
4. Representative of Pak Army
5. Two Representatives of NGOs/Civil Society to be nominated by the Chair
6. District Officer (Coordination)
7. Additional Deputy Commissioner, (F&P)
8. Chief Executive Officer (Works (Health))
9. Chief Executive Officer (Education)
10. Chief Executive Officer (C&D)
11. SP Special Branch
12. XEN Irrigation / Public Health
13. District officer Civil Defense
14. Administrators of Tehsil Municipal Administrations
15. All Tehsil Municipal Officers in District
16. District Emergency Officer, Rescue 1122 (Secretary)
17. Representative of Red Crescent
18. Such other District level Officers to be appointed by District Government

- District Governments must establish a Disaster / Flood control room at the DC office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Chief Executive Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- Deputy Director (Agriculture) 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)**

Establishment of Control Room at District as well as Tehsil level for proper coordination of Revenue Field Staff, Civil Defence, TMAs, Rescue 1122, Health and all other allied Departments for rescue as well as safety of flood affected people. Telephone Nos .Of District Disaster Control Room and Duty Roster will be prepared and displayed when need arises. It would be a three shift duty roster, operating 24/7.

#### **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**

### **Activities Performed.**

1. Reconnaissance of breaching section, Jinnah Barrage and Flood protection Bunds.
2. Initial coordination conference by Lt.Col Idrees, CO 73 Punjab in DC office.
3. Coordination with PDMA for mapping of food prone areas.
4. Joint pre flood video conference with irrigation department representative in sargodga on 13 May 2020.
5. Resctificatonn of explosive issues i.e NOC and transportation for POFwahand wah Nobel.
6. Coy Engineers also air marked for breaching section demolition in coordination with XEN Kala Bagh.

### **Deployment:**

1. Army troops (1x coy ex 73 Punjsb) avalibale for flood relief operation.
2. 1x Field Coy Engineers battalion (70xall ranks) alongwith avalibale flood relief equipments i.e Boats, OBM& life jackets will also be deployed.

## Volunteer Network

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

### Rescue 1122

Sr.	Volunteer	CNIC	Address	Mobile #	Time required to on-board
1	FAWAD FAROOQ	38302-0228660-7	Mianwali City	03055630640	40 Mints
2	MUHAMMAD AQIB	38201-9348429-7	Shaheen Town	03095942251	40 Mints
3	IMTIAZ ULLAH	38302-1059332-3	Musa Khel	03094991504	60 Mints
4	MANSOOR HAYAT	38302-0684914-1	Daud Khel	03067808000	80 Mints
5	SHAH BEHRAM	38302-7770095-9	Bitian	03040497007	60 Mints
6	MUHAMMAD JAMAL	38302-0120510-1	Gulmeri	03019240180	30 Mints
7	HAMZA NAJEEB	38303-8646044-5	Allu Wali	03067175326	80 Mints
8	SAIF UR REHMAN	38302-8637087-9	Chashma	03038440291	120 Mints
9	TANVEER SULTAN	38302-5626391-9	Musa Khel	03041049178	80 Mints
10	ABU BAKAR	38302-9523973-3	Chashma	03060716384	120 Mints
11	MAZHAR IQBAL	38302-2655180-3	Tari Khel	03060955468	60 Mints
12	BASIT KHAN	38302-0960394-7	Mianwali City	03090931004	40 Mints
13	INAM ULLAH KHAN	38302-8008478-3	Mianwali City	03070446605	40 Mints
14	MUHAMMAD IMRAN	38302-9890661-1	Pai Khel	03075360887	80 Mints
15	ZEESHAN KHAN	38302-1510038-9	Rokhri	03040497007	80 Mints

### Civil Defence:

Sr.	Volunteer Name	CNIC	Address	Mobile #	Time required
01.	Syed M. Jamshaid Khalid	38302-1115335-5	Mianwali City	0302-3959712	2 Hours
02.	Hafiz Muhammad Javaid	38302-1236446-3	Moch	0344-7794971	-do-
03.	Syed Muhammad Atif	38302-5956448-1	Mianwali City	0300-7217524	-do-
04.	Syed Ali Hussain Shah	38302-1144920-9	Mianwali City	0314-5910519	-do-
05.	Aman Ullah Balouch	38302-1233281-3	Mianwali City	0314-3226850	-do-
06.	Naeem Akhtar	38302-1247788-3	Mianwali City	0300-6091608	-do-
07.	Haji Fateh Muhammad	38302-1082185-1	Mianwali City	0334-7928032	-do-
08.	Muhammad Aslam Khan	38302-5290386-3	Mianwali City	0300-6093203	-do-
09.	Umar Khatab	38302-8732000-5	Mianwali City	0314-3109234	-do-
10.	Muhammad Shafa Ullah	38302-2914374-1	Mianwali City	0331-7229126	-do-

# RISK ANALYSIS

## Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	4	3	15-25 (High)
Urban Flooding	3	2	8-14(Medium)
Flash Floods	3	3	8-14(Medium)
Hill Torrent	4	3	15-25(high)
Glacial Lake Outburst Flood (GLOF)	-	-	-
Landslide	3	1	1-7(Low)
Tornado	3	1	1-7(Low)
Earthquake	1	1	1-7(Low)
Drought	2	2	1-7(Low)
Epidemic	1	1	1-7(Low)
Fire Incidents	1	1	1-7(Low)
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	3	3	8-14(Medium)
Environmental Hazards (industrial accidents, severe pollution etc.)	4	4	15-25(high)

Risk = Impact x Likelihood

Low 1-7

Medium: 8-14

High 15-25

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

## Flood Vulnerability Assessment Map: District Mianwali



### Disaster in District

- The District was affected by heavy rains / floods in the years 2010, 2011, 2012, 2013, 2014, 2015 and 2016.
- In year of 2020 the maximum water flow is expected between 3.75 – 5 Lac Cs, than 20 villages of District are likely to be effected.

### List of High Risk Villages

Sr. No.	High Flood Upto 5 Lac	Population (2017)
1	ADIL SHAH WALA	209
2	AHMED WALA	43
3	CHAK LAWLA	29
4	CHAK MOHAMMAD WALA	15
5	DHALLA AZMAT KHAN	603
6	GALLO GHARA	25
7	GULHAJI SHAH WALA	48
8	JALAL SHAH WALA	7
9	KACHA AHIRAN	61
10	KHAN BEG WALA	16
11	MALANG SHAH WALA	0
12	NAD SHAH WALA	0
13	NOOR HASHIM SHAH WALA	140
14	NOOR KHAN WALA	54
15	NOORULLAHWALA	4497
16	NORANGA	251
17	ZARIF WALA	541
18	BHAKRA	5955
19	MATHAJAI	22
20	PIPLAN KACHA	1336
<b>Total Population</b>		<b>13852</b>

### Legend

- Health Facilities
- Rescue Camps
- Relief Camps
- Barrages
- Road
- Railway
- River
- High Risk UCs
- Tehsil
- District
- Neighbouring District

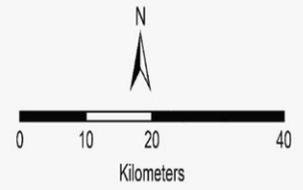
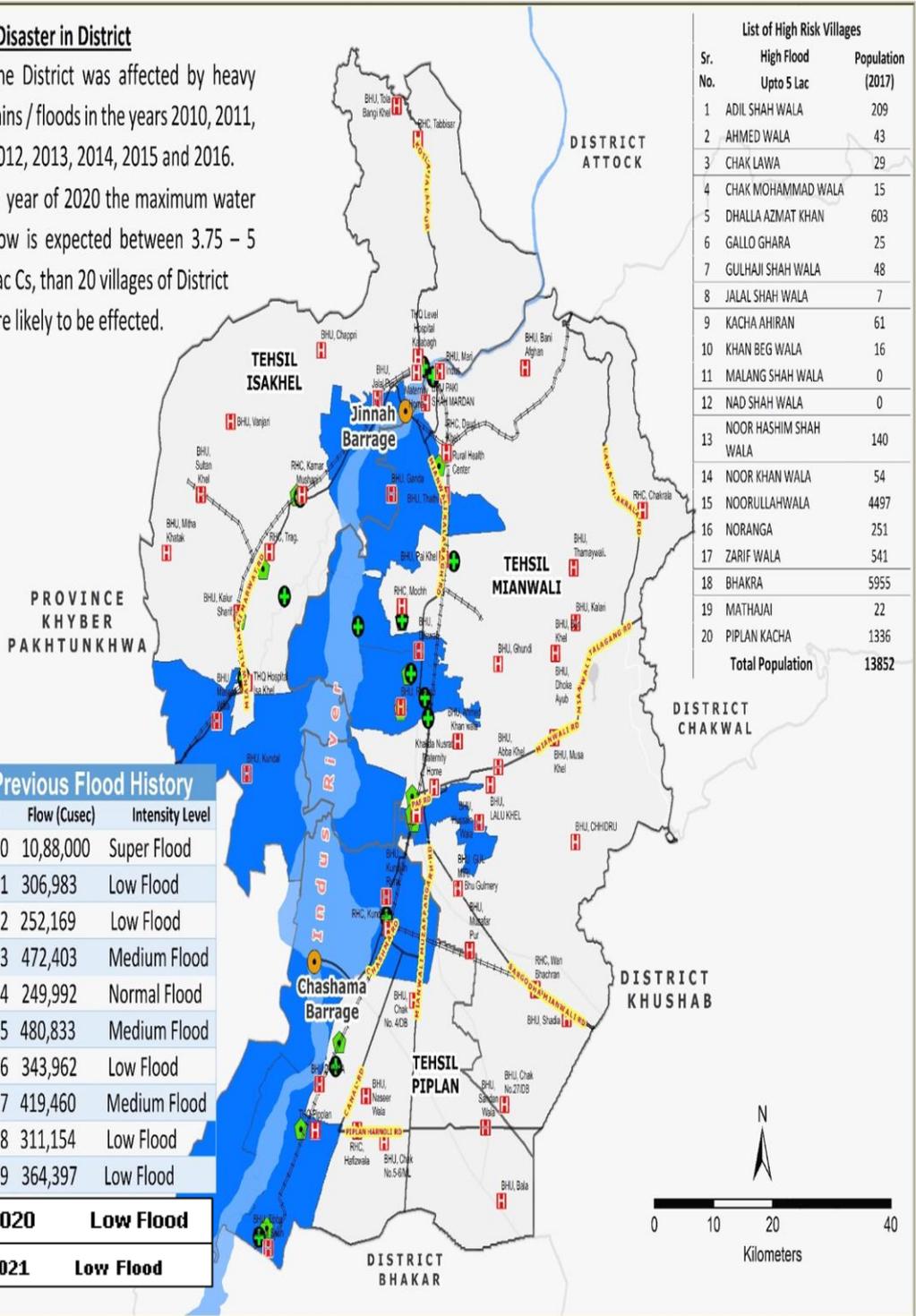
### Previous Flood History

Year	Flow (Cusec)	Intensity Level
2010	10,88,000	Super Flood
2011	306,983	Low Flood
2012	252,169	Low Flood
2013	472,403	Medium Flood
2014	249,992	Normal Flood
2015	480,833	Medium Flood
2016	343,962	Low Flood
2017	419,460	Medium Flood
2018	311,154	Low Flood
2019	364,397	Low Flood

<b>2020</b>	<b>Low Flood</b>
<b>2021</b>	<b>Low Flood</b>

### DATA :

1. Boundaries acquired from: <https://data.humdata.org/organization/ocha-pakistan>
2. Other datasets are digitize through opensource softwares



## Response & Operational Capacity

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

- Pre-Flood warning through field staff and loud speakers to the general public in the Kacha areas.
- Establishment of Flood relief centers at various points at Tehsil.
- Availability of human Medicines and veterinary medicine facilities in flood affected areas.
- Rescue operation during flood.
- Provision of food items and tents to the flood affected areas.

## Strategic Reserves

Items	Available	Functional	Non-Functional	Extra Demand
Boats	24	23	01	03
OBM	23	23		06
De-watering sets	42	30	12	0
Navigators				
GPS devices				
Life Jackets	293	280	13	120
Life Ring	45	45		20
Life Lines				10
Scuba diving suit with complete accessories				06
First Aid Kits	-	-	-	10
Rescue kit Bag	70	70		30
Safety Harnesses	4	4		8
Ambulances	21	21		
Fire Brigade	4	4		02
Water Tanks / Bouzers	1	1		
Extendable Ladders	2	2		
Hydraulic Cutter	1	1		2
Sonar Rader				
Jumping Sheet				
Dumpers				
Excavators				
Cranes				1
Bulldozer	05			
Boat Carrier/Trolleys	2	2		2
Pickups/Jeeps/4x4 vehicles/Mini Trucks				2
Searchlight	1	1		100
Tent	2250	1950	300	
Mosquito Net	575	480	95	
Plastic Mat	1852	1726	126	10
Blanket				
Any other main relief/rescue equipment				
Generator Sets	1	1	1	
Gas-Cutters				

## 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.)
- Peoples of area kacha have built their temporary shelters / dera jat in farflung areas for cultivation purposes, where rescue and response constraints have been observed due to unavailability of access through roads as well as water.

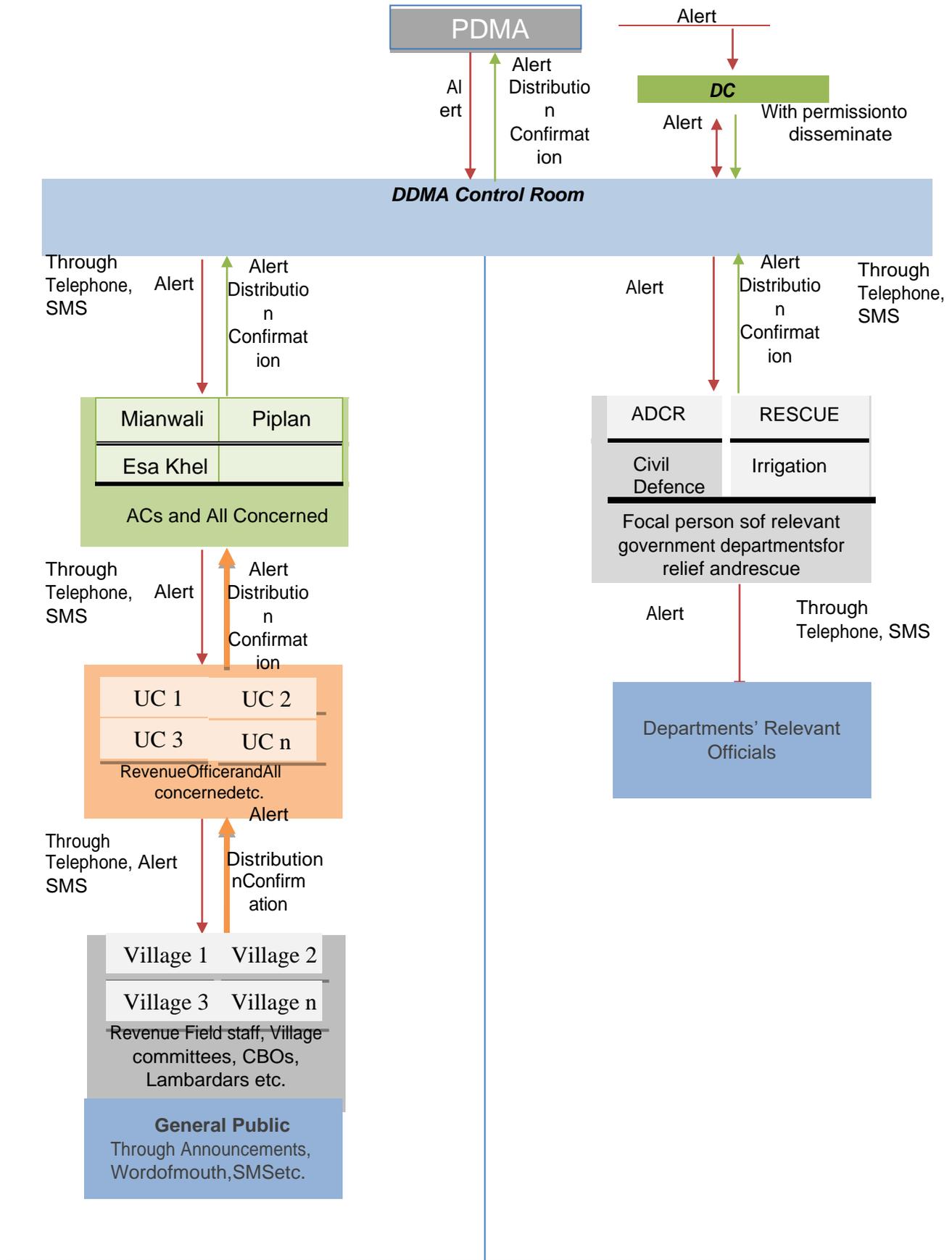
# MITIGATION STRATEGY

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

Hazards	Mitigate Actions	Responsible Department
Floods	<ul style="list-style-type: none"> <li>• Proper maintenance and repair work of Bunds at Barrages and safety spurs.</li> <li>• Education awareness to the people of Kacha areas for proper shifting towards the safe areas.</li> <li>• Public awareness through SMS, Irrigation Department Supervision, Wide Publicity, Radio, TV, Print Media and Social Media etc</li> </ul>	All ACs, All Revenue Officers, Information Department, Irrigation Department
Urban Flooding	<ul style="list-style-type: none"> <li>• Proper maintenance and repair work of safety walls adjacent river Indus of urban areas of district.</li> </ul>	All ACs, Irrigation
Flash Floods	<ul style="list-style-type: none"> <li>• Proper maintenance and repair work of guide bunds of Jinnah Barrage, Chashma Barrage and all adjacent area with Katcha in the district to control the level of flood.</li> </ul>	All ACs, Irrigation
Hill Torrent	<ul style="list-style-type: none"> <li>• It should be ensured that no cultivation or population be there in the way of hill torrents.</li> </ul>	All ACs, Revenue
Glacial Lake Outburst Flood (GLOF)	-	-
Landslide	<ul style="list-style-type: none"> <li>• Pre-emptive measure should be taken for the safety of the locality as well as people of the area.</li> </ul>	All ACs Highway
Tornado	<ul style="list-style-type: none"> <li>• Necessary assistance should be given..</li> </ul>	All ACs
Earthquake	<ul style="list-style-type: none"> <li>• Necessary assistance should be given.</li> </ul>	All ACs, DEO Rescue 1122 Education
Drought	<ul style="list-style-type: none"> <li>• Necessary assistance should be given..</li> </ul>	Agricultrre Irrigation
Epidemic	<ul style="list-style-type: none"> <li>• Necessary medical treatment/ facilities should be given by special Mobile Health Teams and other allied department.</li> </ul>	All ACs Health Population welfare
Fire Incidents	<ul style="list-style-type: none"> <li>• Necessary assistance should be given.</li> </ul>	-Civil Defence Rescue1122 MC ZC
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<ul style="list-style-type: none"> <li>• In time action and response from relevant Departments and necessary assistance should be given.</li> </ul>	All ACs Building Health Rescue 1122 Airforce Highway MCs
Environmental Hazards (industrial accidents, severe pollution etc.)	<ul style="list-style-type: none"> <li>• In time action and response from relevant Departments and necessary assistance should be given..</li> </ul>	All ACs Building Rescue 1122 Airforce Enviroment Health MCs

# Early Warning

## Information Flow Diagram



# Alertness Levels

Following four levels alertness have been established:

**Level-D** (Threat  
perceptive)

DDMA shall conduct meetings and mock exercises as per DDMP to make the departments understand their role and responsibilities for better coordination and testing of rescue and relief equipment. DDMA. Identification of hazards & preventive measures for mitigation shall be taken during level D

**Level-C**  
(Alert)  
(Warning issued but  
likelihood of  
occurrence is less  
than 100%)

DDMA shall issue "alerts" for the vulnerable communities. DDMA shall ensure vigilyency of department and availability of all required resources.monitoring the situation regularly through DEOC.

Activities to be undertaken in level C

+

**Level-B**  
(High Alert)  
(Disaster threat is  
imminent)

DDMA shall issue EW to all stake holders and "HighAlert" notices to ensure that all HR and material resources has deployed for evacuation and management of the communities.monitoring of the situation and resource analysis through DEOC.

**Level-A**  
(Red Alert)  
(Disaster is  
materialized)

Activities to be undertaken in level B

+

DDMA shall respond to the emergency immediately and carryout rescue and relief operation and shall continuously monitor the situation and additional resources may be demanded as per situation from the PDMA

## 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
- Rescue 1122 and Police along with local communities & other departments will perform immediate evacuation and provide necessary medical assistance.
- How and when Pakistan Army will be requested to support the rescue activities
- DDMA chairman will seek assistance from Pakistan army as needed.
- Camp sites identified? List at Annex I.

### Private Boat Owners

Sr.#	Tehsil	Mauza	Name of Owner	Contact #
1.	Mianwali	Watta Khel Pacca	Akbar Khan S/O Sher Muhammad Khan	0306-3958325
2.	-do-	Fateh Khan Wala	Sultan S/O Ramzan	0306-6964830
3.	-do-	-do-	Sultan Hassan Khan S/O Muhammad Khan	0306-3956893
4.	-do-	-do-	Sher Muhammad S/O Abdul Rehman	0301-7806313
5.	-do-	Muhammad Sharif	Muhammad Rafiq S/O Muhammad Usman	0306-6351943
6.	-do-	Maddat Wala	Noor Muhammad S/O Abdul Rehman	0300-6086781
7.	-do-	-do-	Hameed Ullah S/O Ghulam Rasool	0346-5793374
8.	-do-	-do-	Sher Muhammad S/O Abdul Rehman	0301-7806313
9.	-do-	Dhop Sari	Ghulam Shabir S/O Abdul Aziz	0305-7412985
10.	-do-	Mari Indus	Ijaz Hussain Shah S/O Muhammad Hussain	0344-6859236
11.	-do-	Mari Indus	Noor Muhammad S/O Gul Muhammad	-
12.	-do-	Mari Indus	Ghulam Muhammad S/O Gul Muhammad	-
13.	-do-	Mari Indus	Amer Muhammad S/O Allah Wasaya	-
14.	-do-	Mari Indus	Ghulam Naser S/O Abdul Raheem	-
15.	Piplan	Piplan Kacha	Bashir s/o Ghulam Hussain	0303-7390896
16.	-do-	Do	Manzoor Ahmed s/o Bashir Ahmed	0307-4932753
17.	-do-	Do	Fakhar Aalam s/o Alam Khan	0300-8832284
18.	-do-	Do	Ghulam Yasin s/o Muhammad	0306-7099487
19.	-do-	Ahmed Shah Wali	Pervaiz s/o Raza Muhammad	0341-3246129
20.	-do-		Aman Ullah s/o Allah Bakhsh caste Latifi	0343-6870448
21.	-do-		Aman Ullah s/o Nizam, caste Mohana	0302-6345752
22.	-do-		Muhammad Umer s/o Muzaffar,	0306-6065446
23.	-do-	Shah Nawaz Wala	Muhammad Bilal s/o Faiz Muhammad	-
24.	-do-	Matha Jai	Muhammad Amir s/o Gamma	-
25.	-do-	Alluwali	Faiz Muhammad s/o Mehr Muhammad	0343-4920734
26.	-do-		Muhammad Tahir s/o Faiz Muhammad	-
27.	-do-	Dhingana	Iftikhar s/o Faiz ur Rehman	-
28.	-do-	Doaba	Iftikhar s/o Faiz ur Rehman	-

## Tractor Trolley

Sr	Mauza	Name of Tractor's Owners	Contact Nos.
1.	Watta Khel Pacca	Zaka Ullah Khan S/O Abdullah Khan	0306-3958325
2.	-do-	Najeeb Ullah Khan S/O Habib Ullah Khan	0308-6204525
3.	-do-	Aman Ullah Khan S/O Khan Zaman Khan	0300-7788166
4.	-do-	Akhtar Khan S/O Sher Samand Khan	0306-3951850
5.	-do-	Ramzan Khan S/O Abdullah Khan	0306-3958325
6.	Yaru Khel Pacca	Sher Bahadar Khan S/O Baaz Gul Khan	0342-5514722
7.	-do-	Rafi Ullah Khan S/O Nasar Ullah Khan	0300-6083736
8.	-do-	Abdul Rasheed S/O Abdul Hameed	0315-3965430
9.	-do-	Hameed Ullah Khan S/O Muhammad Khan	0302-3966628
10.	-do-	Ghulam Mahboob S/O Samandar	0306-7811881
11.	-do-	Ghulam Qasim S/O Samandar	0306-6353734
12.	-do-	Haji Saeed Akhtar S/O Muhammad Khan	0300-6096192
13.	-do-	Masood Anwar Khan S/O Anwar Khan	0300-6095880
14.	-do-	Muzafar	
15.	Zalla Shumali	Perveez Iqbal Khan S/O Muhammad Ramzan Khan	0344-6854611
16.	-do-	Ameer Iqbal Khan S/O Muhammad Zaman Khan	0306-7840783
17.	-do-	Saif Ullah Khan S/O Umer Hayat Khan	0300-6082240
18.	-do-	Mahar Zaman Khan S/O Abdul Rauf Khan	0302-3959313
19.	-do-	Mustafa Khan S/O Sikandar Khan	0301-8694065
20.	Mianwali	TMA - 2 Nos.	0459-234659
21.	-do-	Agriculture Department 2 Nos.	0459920095/96
22.	Wan Bhachran Janobi	Khan Muhammad S/o Ghulam Rasool Caste Awan	0302-3539249
23.	Wan Bhachran Janobi	Haji Khan Muhammad S/O Muhammad Ameer	0302-6344083
24.	Wan Bhachran Janobi	Allah Dad S/O Sher Muhammad Caste Ganjhera.	0301-3957598
25.	Wan Bhachran Janobi	Mian Muhammad Ashraf S/O Fazal Kareem Caste	0300-6096118
26.	Wan Bhachran Shuma	Muhammad Ameer S/O Fateh Khan Caste Pathan	0334-7937186
27.	Wan Bhachran Shumal	Inam Ullah Khan S/O Muhammad Sultan Caste	0300-6080245
28.	Wan Bhachran Shuma	Muhammad baksh S/O Haji Muhammad	0300-7804925
29.	Wan Bhachran Shu	Muhammad Akram S/O Muhammad Muzafar	06006088083
30.	Muzafar Pur Shumali	Basher Ahmad S/O Sultan Ahmad Caste Kundi.	0302-3967788
31.	Muzafar Pur Shumali	Nazir Ahmad S/O Ali Muhammad Caste Bharoka	0301-2097914
32.	Muzafar Pur Shumali	Muhammad Iqbal S/O Ghulam Muhammad Caste	0308-7895494
33.	Muzafar Pur Shumali	Sultam Mahmood S/O Haji Umer Caste Sand	0301-7806301
34.	Tari Khel Kacha	Sher Khan S/O Abdul Aziz Khan	Nil
35.	-do-	Ghulam Abbas Khan s/o Mawaz Khan	03025600365
36.	-do-	Sadar Khan S/O Muhammad Khan	Nil
37.	-do-	Hansat Ullah Khan S/O Ghulam Sarwar Khan	0301-5544875
38.	-do-	Aftab Khan S/O Sultan khan	Nil
39.	Fateh Khan Wala	Abdul Razak S/O Ghulam Sarwar	Nil
40.	-do-	Faiz Muhammad S/O Ghulam Muhammad	Nil
41.	Muhammad Sharif Wali	Jamshed Shah S/O Noor Muhammad Shah	Nil
42.	-do-	Muhammad Akbar S/O Muhammad Muzafar	Nil
43.	Muhammad Wala	Ghulam Hussain alias Kala Khan	03006091586

44.	-do-	Muhammad Tariq S/O Muhammad Aslam Mamak	Nil
45.	Rokhari Khacha	Alam Khan S/O Faiz Ullah Khan	Nil
46.	-do-	Aman Ullah Khan S/O Amer Khan	Nil
47.	-do-	Atta Ullah Khan S/O Muhammad Hayat khan	Nil
48.	-do-	Asgar Khan Qatalu Khel	Nil
49.	-do-	Zia Ullah Khan s/o Ahmad Nawaz Khan	03006087952
50.	-do-	Ghulam Shabir S/O Wazir	Nil
51.	-do-	Dost Muhammad S/O Ghulam Hussain	Nil
52.	-do-	Baher Ahmad S/O Ghulam Hussain	Nil
53.	-do-	Amer Nawaz S/O Abdul Rehman	Nil
54.	Noranga	Mazhar Ali Shah S/O Ilfat Hussain	Nil
55.	Qureshian	Khan Muzafar Khan S/O Sirdar Khan	0300-6049600
56.	-do-	Rabnawaz Khan S/O Muhammad Baksh	0301-3958946
57.	Daud Khel Pacca	Ameer Abdullah Khan S/O Mahar Khan	0301-5736038
58.	-do-	Khan Zaman S/O Muhammad Zaman	0303-7071673
59.	-do-	Ehsan Ullah S/O Mhar Khan	0302-3373058
60.	-do-	Sana Ullah Khan S/O Fateh Khan	0305-4414575
61.	-do-	Ameer Abdullah Khan S/O Muhammad Khan	0306-3954505
62.	Daud Khel Kacha	Muhammad Asgar Khan S/O Asbar Khan	0301-6083589
63.	-do-	Abdul Kareem S/O Noor Khan	0301-8606053
64.	-do-	Ghulam Muhammad S/O Muhammad Hayat	0303-4352586
65.	-do-	Hafiz Ulah S/O Shafi Ullah	0301-7802116
66.	-do-	Abdul Jabar S/O Ghulam Abbas Khan	0302-3958850
67.	-do-	Wali Dad Khan S/O Ameer Kalam khan	0301-6351276
68.	Mari	Tajamal Hussain Shah S/O Mohib Hussain Shah	0333-9838314
69.	-do-	Afzal Hussain Shah S/O Sher Bahadar	0300-6080224
70.	-do-	Rajab Hussain Shah S/O Karam Hussain Shah	0347-6959035
71.	-do-	Ghulam Raza S/O Abdul Aziz	0302-8559960
72.	-do-	Sager Hussain S/O Muhammad Din	0343-6871454
73.	Dhair Umaid Ali Shah	Tanver Abbas S/O Ghulam Hasan	0301-6351170
74.	-do-	Haji Sharafat Hussain S/O Ghulam Murtaza	0300-5566592
75.	-do-	Gulzar Hussain S/O Nizam Ud Din	0302-7370102
76.	Thati	Fateh Muhammad S/O Ranjha	0301-3952950
77.	-do-	Riaz S/O Yaseen	0302-3954595
78.	-do-	Rafi Ullah S/O Abdullah	0301-6333208
79.	-do-	Muhammad Khan S/O Ghulam Hussain	0306-5247323
80.	-do-	Zia Ullah Kan S/O Dost Muhammad Khan	0301-2359032
81.	Bokhara	Zaka Ullah S/O Amer Abdullah Khan	0300-5472730
82.	-do-	Muhammad Sakhi Ullah Khan S/O Ghulam Qadir	0302-4050255
83.	Kot Balian	Amer Muhammad S/O Dost Muhammad	0346-5510236
84.	-do-	Amer Hussain Shah S/O Mahar Muhammad Shah	0301-6351633
85.	Wasti Shah Gul M	Mujahid Abbas S/O Gul Muhammad	0301-6355322
86.	-do-	Toqer Abbas S/O Muhammad Wazir	0301-7807713
87.	-do-	Iqbal Khan S/O Umer Hayat Khan	0301-5049310
88.	-do-	Ghulam Abbas S/O Allah Baksh	0302-7108554
89.	-do-	Saleem Abbas Shah S/O Abdul Sattar Shah	0302-3953843
90.	-do-	Ghulam Haider S/O Ghulam Hurr	0306-6353843

91.	Zareef Wala	Atta Muhammad S/O Ghulam Muhammad	0308-4988974
92.	-do-	Samand Khan S/O Mamrez khan	0306-5560773
93.	-do-	Aslam Khan S/O Ahmad Khan	0300-6093203
94.	-do-	Dilasa Khan S/O Muqarab Khan	0300-2696510
95.	Pai Khel Kacha	Sher Ahmad S/O Muhammad Akbar Khan	0306-8606190
96.	-do-	Abdul Rehman S/O Muhammad Afzal	
97.	Balian	Manzoor Khan S/O Sher Muhammad Khan	0300-2204535
98.	-do-	Abdul Rehman S/O Barkhud dar	
99.	-do-	Amer Abdullah khan S/O Bahadar khan	
100.	Muhammad Yar Wala	Muhammad Sadiq S/O Ghulam Muhammad	
101.	Mochh Pacca	Wali Dad Khan S/O Allah Dad Khan	0306-8864011
102.	-do-	Shahid Amer Khan S/O Mati Ullah Khan	0300-6095536
103.	-do-	Habib Ullah Khan S/O Abdul Khan	0300-6087805
104.	-do-	Ahmad Khan S/O Mhar Khan	0307-6395065
105.	-do-	Zaka Ullah Khan S/O Amer Abdullah Khan	0313-7752360
106.	-do-	Muhabat Khan S/O Ahmad Khan	0306-3967940
107.	-do-	Ahmad Khan S/O Amer Abdullah Khan	0306-3966586
108.	-do-	Hameed Ullah Khan S/O Ahmad Khan	0303-7499268
109.	-do-	Saif Ullah Khan S/O Abdullah Khan	0301-8600740
110.	-do-	Shahid Hameed Khan S/O Mati Ullah Khan	0300-6095536
111.	-do-	Atta Muhammad Khan S/O Noor Muhammad Khan	03086358219
112.	Hindal Wala	Ghulam Rasool S/O Raza Muhammad	0301-3954534
113.	-do-	Muhammad Ramzan S/O Mureed Ahmad	0306-3961503
114.	-do-	Ghulam Shabir S/O Noor Muhammad	0302-3839101
115.	-do-	Ghulam Naser S/O Noor Muhammad	0306-6354787
116.	-do-	Muhammad Hussain S/O Ghulam Hussain	0301-7806519
117.	-do-	Sarwar S/O Abbas	0308-4987376
118.	-do-	Ghulam Shabir S/O Abdul Aziz	0305-7412985
119.	-do-	Muhammad Amer S/O Abdul Aziz	0308-5759372
120.	-do-	Muhammad Khan S/O Ibraheem Khan	0308-4984019
121.	-do-	Rafi Ullah Khan S/O Wali Dad	0303-3087972
122.	-do-	Inayat Ullah S/O Jahanger khan	Nil
123.	-do-	Irbareem S/O Ahmad	Nil
124.	-do-	Amer Qalam Khan S/O Shahwali Khan	0302-8837146
125.	-do-	Shafi Ullah Khan S/O Samand Khan	03063959885
126.	-do-	Haji Majeed Ullah Khan S/O Shahwali	0301-2099828
127.	-do-	Sayad Ahmad S/O Ghulam Qasim	0304-6334546
128.	-do-	Habib Ullah S/O Ahmad	0301-5165451
129.	-do-	Hafiz Ullah S/O Ghulam Hussain	0300-7108035
130.	-do-	Muhammad Hanif S/O Ghulam Qadir	0302-3962235
131.	-do-	Fazal Ur Rehman S/O Pahalwan	0303-6373508
132.	-do-	Atta Ullah Khan S/O Muhammad Ramzan	Nil
133.	-do-	Hameed Ullah S/O Ghulam Qadir	Nil
134.	-do-	Qasim S/O Abdul Aziz	0306-7805832
135.	-do-	Dost Muhammad S/O Yaar Muhammad	Nil
136.	-do-	Asmat Ullah Khan S/O Atta Ullah Khan	0343-6898295
137.	-do-	Inayat Ullah Khan S/O Wali Dad Khan	Nil

138.	-do-	Muhammad Ashraf S/O Muhammad Hayat	0302-6357220
139.	-do-	Ghulam Fareed S/O Muhammad Yaar	0303-7524683
140.	-do-	Said Ahmad S/O Muhammad Nawaz	0302-3959516
141.	Rustam Wala	Ghulam Rasool S/O Ghulam Sarwar Khan	0306-6352292
142.	-do-	Shahbaz Khan S/O Ghulam Sarwar Khan	0346-552422
143.	-do-	Kaleem Akhtar Khan S/O Rab Nawaz	0301-7809944
144.	-do-	Sadiq khan S/O Bahadar Khan	0306-6775672
145.	-do-	Ghulam Qadir Khan S/O Bahadar Khan	0306-3960288
146.	-do-	Abid Khan S/O Ghulam Rasool Khan	0346-5524703
147.	-do-	Mati Ullah Khan S/O Atta Muhammad Khan	Nil
148.	-do-	Haleem Akhtar S/O Rabnawaz Khan	0301-6354712
149.	-do-	Muhammad Nasar Ullah S/O Muhammad Nawaz K	0301-7802676
150.	Dhop Sari	Muhammad Ramzan S/O Muhammad Hayat	0301-3952066
151.	-do-	Amer S/O Ghulam Hassan	0301-6314644
152.	-do-	Ghulam Fareed S/O Khuda Yaar	0302-3963292
153.	Otra Kalan	Muhammad Aslam Khan S/O Saif Ullah Khan	0301-6350298
154.	-do-	Khaliq Dad S/O Sher	0306-7804581
155.	-do-	Nazar Abbas S/O Ghulam Hurr	0308-3288386
156.	-do-	Basher Nawaz S/O Muhammad Nawaz	0301-6357432
157.	-do-	Ashiq Hussain S/O Ahmad Sher	0302-5163609
158.	Otra Khurad	Ahmad Nawaz S/O Abdullah	0300-6088317
159.	-do-	Sajid Hussain S/O Nazar Hussain	0302-6359944
160.	-do-	Abdul Hameed S/O Ghulam Muhammad	0308-4964925
161.	-do-	Sager Hussain S/O Ahmad Sher	0307-7507590
162.	-do-	Muhammad Iqbal S/O Ghulam Shabir	0308-7891712
163.	Daraz Wala Kalan	Zia Ullah S/O Ghulam Muhammad Khan	Nil
164.	-do-	Asmat Ullah Khan S/O Ahmad Khan	0301-6357712
165.	-do-	Muhammad Ashraf S/O Abdul Kareem Khan	0300-6086472
166.	-do-	Muhammad Ashraf Khan S/O Muhammad Khan	0300-6080543
167.	Kaalri	Hafiz Roshan S/O Nazar Muhammad	0302-2889664
168.	Wandhi Bhamjeeran W	Ghulam Muhammad S/O Muhammad Khan	0302-2860919
169.	Dhibba Karsial	Muhammad Aslam S/O Madat	0301-5244793
170.	Nammal	Muhammad Iltaf	0333-8504982
171.	Thammay Wali	Sikandar S/O Ali Muhammad	0342-7693443
172.	-do-	Aman Ullah S/O Atta Muhammad	0345-8962174
173.	-do-	Gul Muhammad S/O Ghulam Muhammad	0345-8962174
174.	-do-	Din Muhammad S/O Mian Raanjha	0345-8962174
175.	Nawwan	Noor Muhammad S/O Ahmad	0346-7160684
176.	Chakrala	Iqbal s/o Said Ameer	03026358670
177.	Peer Pahai	Jaleel Khan S/O Lal Maast Khan	03005203161
178.	Musa Khel Janubi	Akhtar Abbas Khan S/O Ghulam Abbas Khan	0300-6086312
179.	-do-	Shaukat Abbas Khan S/O Ghulam Abbas Khan	0345-5835546
180.	-do-	Tanveer Abbas Khan S/O Ghulam Abbas Khan	0300-3476061
181.	-do-	Samand khan S/O Kamand Khan	0302-6357694
182.	-do-	Zafar Khan S/O Sher Khan	0302-2374578
183.	-do-	Mohammad Iqbal Khan S/O Alam Khan	0307-2691383

184.	-do-	Haji Norang khan S/O Sher Khan	0303-2282609
185.	-do-	Jahan Shah S/O Mohammad Shah	0302-5091725
186.	-do-	Berum Khan S/O Fateh Khan	0307-5385301
187.	-do-	Mohammad Akbar Khan S/O Atta Mohammad	0303-7324033
188.	-do-	Aadam Khan S/O Shah Jahan Khan	0346-5518262
189.	-do-	Mirza Khan S/O Ghazi Khan	0343-6893155
190.	-do-	Asmat Ullah Khan S/O Mirza Khan	0300-6081679
191.	-do-	Mohammad Khan S/O Mohammad Nawaz	0302-3951791
192.	Bazaar	Abdul Ghafoor S/O Gul Jahan	0301-6359037
193.	-do-	Maqbool Khan S/O Abdul Ghafoor Khan	0306-7802799
194.	-do-	Abdul Ghaafar Khan S/O Basheer Mohammad K	0300-6093824
195.	Sultan Wala Sharki	Abdul Sattar Khan S/O Jahan	0333-9812239
196.	-do-	Ahmed Khan S/O Muzafar Khan	0331-4711039
197.	-do-	Jahangir Khan S/O Ahmed Khan	0331-7217408
198.	-do-	Mohammad Khan S/O Mohammad Zaman	0307-6739112
199.	-do-	Atta Ullah S/O Jeelani	0306-5293199
200.	-do-	Hameed Ullah Khan S/O Jahan Khan	0304-6605535
201.	-do-	Mohammad Aslam Khan S/O Fateh Khan	0302-3958692
202.	-do-	Yaaki Khan S/O Jahan Khan	0300-6089752
203.	-do-	Yousuf Khan S/O Mohammad Shah	0300-6087051
204.	-do-	Mohammad Aslam Khan S/O Mohammad Shah	0301-5100085
205.	Chhidroo	Haji Ramzan S/O Jahan	0300-6084449
206.	-do-	Haji Mehboob S/O Ali khan	0300-6090832
207.	-do-	Mohammad Basheer S/O Ali Khan	0300-6097710
208.	-do-	Khan Ameer S/O Ali Khan	0300-6097710
209.	-do-	Faiz Ullah Khan S/O Aziz Ullah Khan	0300-4223709
210.	Ghundi	Abbas Khan S/O Khan Mohammad Khan	0345-5821810
211.	-do-	Himmat Khan S/O Mohammad Akbar khan	0345-5518298
212.	-do-	Nasar Ullah Khan S/O Mawaz Khan	0302-3286437
213.	-do-	Mamreez khan S/O Gadai khan	0306-6543840
214.	Abba Khel	Sher khan S/O Fateh Khan	0300-6097725
215.	-do-	Ahmed khan S/O Muqarab Khan	0300-6086707
216.	-do-	Asmat Ullah Khan S/O Abdullah Khan	0306-6352903
217.	-do-	Anwar khan S/O Hidayat Ullah khan	0300-7936030
218.	-do-	Younas khan S/O Mohammad Khan	0306-3581466
219.	-do-	Khizar Hayat S/O Mohammad Khan	0344-5336274
220.	-do-	Ahmed Khan S/O Aadam Khan	0301-7230052
221.	-do-	Umar Hayat Khan S/O Sher khan	0306-7803964
222.	Musa Khel Darmiani	Mohammad Ameer khan S/O Ahmed khan	0306-5140579
223.	-do-	Mohammad Saeed S/O Abjdul Majeed	0305-7275407
224.	-do-	Neemat Ullah Khan S/O Muzafar khan	0300-7783819
225.	-do-	Maati Ullah Khan S/O Muzafar Khan	0300-6359751
226.	-do-	Mohammad Latif Ullah S/O Saeed Ullah	0302-6359157
227.	-do-	Sher Mohammad S/O Mohammad Zaman	0322-9795313
228.	-do-	Atta Mohammad Khan S/O Sarwar kHan	0302-3961411
229.	Boori Khel	Izaat Khan S/O Gul khan	0300-2276294
230.	-do-	Hameed Ullah Khan S/O Mawaz khan	0300-2276294

231.	-do-	Abdul Sattar khan S/O Tora baaz khan	0300-2276294
232.	-do-	Mohammad Akram khan S/O Haqnawaz khan	0300-2276294
233.	-do-	Yaseen S/O Hayat	0300-2276294
234.	-do-	Abdul Sattar S/O Hayat	0300-2276294
235.	-do-	Haji Ahmed S/O Hayat	0300-2276294
236.	-do-	Munsab khan S/O Saif Ullah Khan	0300-2276294
237.	-do-	Sardar Khan S/O Malook Khan	0305-7142086
238.	-do-	Sardar khan S/O Sher Ali khan	0305-7142086
239.	-do-	Mohammad Akram Khan S/O Mohammad Afzal Kh	0301-2045663
240.	-do-	Mohammad Nawaz S/O Ahmed Gul Khan	0301-2045663
241	Ahmed Shah Wali	Inayat Ullah s/o Qazi caste Langaryal	0306-6055407
242	-do-	Asif Iqbal s/o Muhammad Iqbal caste Pahoor	0300-7730004
243	-do-	Ghulam Shabbir s/o Muhammad Nawaz sujra	0346-8734524
244	-do-	Muhammad Wazir s/o Ghulam Hussain caste Langaryal	0301-5934512
245	-do-	Ghulam Abbas s/o Umer caste Sujra	0302-3162682
246	-do-	Muhammad Ramzan s/o Usman caste Langaryal	0303-7712725
247	Piplan Kacha	Ghulam Muhammad s/o Muhammad Sher	0301-6352445
248	-do-	Gull Hameed s/o Ilam Deen	0302—7973174
249	-do-	Muhammad Rafique s/o Muhammad Hayat	0306-8476225
250	-do-	Ghulam Qasim s/o Wazir Aalam	0306-7815889
251	-do-	Hameed Ullah s/o Atta Ullah	0302-3861882
252	Mamoo Wali	Altaf Hussain Shah s/o Feroze Hussain Shah	0333-9950682
253	-do-	Qamar Abbas Shah s/o Bashir Hussain Shah	0314-4540108
254	-do-	Akhter Hussain Shah s/o Syed Zawar Hussain Shah	0332-7242021
255	Noshera	Gull Hassan Shah s/o Mazhar Hussain Shah	0336-6195000
256	-do-	Safdar Hussain Shah s/o Haider Shah	0334-7230977
257	Gujrat	Syed Iqbal Hussain s/o Ghulam Hassan Shah	0300-7783450
258	-do-	Atta Hussain Shah s/o Ghulam Hassan Shah	0331-7228714
259	-do-	Abid Hussain Shah s/o Ilam Dar Hussain Shah	0300-6092021
260	Bhumb	Muhammad Ramzan Jindal	0313-9328203
261	-do-	Ghulam Shabbir s/o Hakim	0301-3957593
262	Bhakra	Malik Manzoor s/o Dost Muhammad	0333-9977757
263		Ghulam Abbas s/o Ghulam Hassan	0333-6836856
264		Muhammad Sabir s/o Ghulam Yasin, Baloochi Khel	0331-7226882
265	Alluwali	Malik Falik Sher s/o Muhammad Azeem caste Dharooi	0346-5513731

## 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
- Volunteers of Rural and Urban areas participate in rescue activities during flood Local NGO's should participated in rescue and relief operation with their own resources.
- All other departments to take necessary measures for the safety/assistance of the community in the area.
- List of Volunteers have been prepared by DO (Civil Defence) and DEO (Rescue-1122) at (Annex VIII) and all Assistant Commissioners in the district should provide volunteers according to need.

## ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

#	Location	accommodation	Coordinates	#	Location	accommodation	Coordinates
1	GHS Isa Khel	150	X: 32.685304 Y:71.273066	10	GHS Daud Khel	900	X: 32.873898 Y:71.568325
2	GHS, Trag Sharif	100	X: 32.782693 Y:71.300892	11	MS Tari Khel	100	X: 32.689941 Y:71.521949
3	GHS Kamr Mushni	150	X: 32.846846 Y:71.353451	12	GGHS Mianwali	500	X: 32.582504 Y:71.526587
4	TC Kalabagh,	100	X: 32.959693 Y:71.544364	13	UC Rokharri	50	X: 32.658251 Y:71.508036
5	GHSS Mochh	1000	X: 32.737090 Y:71.513447	14	GGHSkaloor	800	X: 32.738636 Y:71.264564
6	GBHS, Alluwali, Piplan	500	X: 32.365852 Y:71.417354	15	GPSI Mujhaid Town Mianwali	200	X:32.557770 Y:71.531997
7	GBHS Piplan	400	X: 32.290082 Y:71.357219	16	GGHS Doud khel	1000	X: 32.873898 Y:71.568325
8	UC TMS Piplan	200	X:32.202285 Y:71.306705				
9	GMS Watta Khel, Mianwali	200	X: 32.565500 Y:71.525814				

## ANNEX II: LIST OF HAZARD PRONE VILLAGES/REVENUE ESTATE

Hazards	Tehsils	UCs	Names of Revenue Estates
Floods	Mianwali, Isa Khel Piplan	MC Isa Khel, MC Kamar Mushani, MC Kalabagh. UC Khaglan Wala, Kaluan Wala, Kaloor, Trag, Sultan Khel, Tani Khel, Chapri, Khudazai, Kot Chandana, Paka Kamar Mushani, Poss Bhangji Khel, Tabbisar	<b><u>Mianwali</u></b> Daudkhel Town, Thatthi, Dher Umaid Ali Shah, Bukhara, Ganda, Kot Bailian, Basti Shah Gul Muhammad, Utra Kalan, Pai Khel, Mochh, Shahbaz Khel Pacca (Dher Yaru Wala). <b><u>Isa Khel.</u></b> Isa Khel, Sharif Abad, Bhut, Sheikh Mehmood, Paka Kundal, Maseet, Qazi Wala, Kalu Khel, Adil Shah Wala, Cheena Pura, Kacha Noor Zaman Shah, Mehar Shah Wali, Waso Wala, Janti Wala, Kacha Kas Umar Khan, Draz Wala, Kacha Kamar Mushani, Misri Khan Wala, Ahmed Wala, Manda Khel, Kalabagh, Ganda, <b><u>Piplan.</u></b> Bhakra, Shah Nawaz Wala, Melay Wali, Mamoo Wali, Jhangji, Noshera, Churkin, Matha Jai, Ahmad Shah Wali, Piplan Kacha, Bhumb, Gujrat. Alluwali, Dhingana, Doaba, Jall Tibba Mehrban Shah, Venota, Tibba Gama Shah
Urban Flooding	Isa Khel	MC Isa Khel, MCKalabagh.	Isa Khel, Kalabagh.
Flash Floods	Isa Khel	MC Isa Khel, MC Kamar Mushani, MC Kalabagh. UC Khaglan Wala, Kaluan Wala, Kaloor, Trag, Sultan Khel, Tani Khel, Chapri, Khudazai, Kot Chandana, Paka Kamar Mushani, Poss Bhangji Khel, Tabbisar	Isa Khel, Sharif Abad, Bhut, Sheikh Mehmood, Paka Kundal, Maseet, Qazi Wala, Kalu Khel, Adil Shah Wala, Cheena Pura, Kacha Noor Zaman Shah, Mehar Shah Wali, Waso Wala, Janti Wala, Kacha Kas Umar Khan, Draz Wala, Kacha Kamar Mushani, Misri Khan Wala, Ahmed Wala, Manda Khel, Kalabagh, Khudazai, Jalalpur, Ganda.
Hill Torrent	Mianwali, Isa Khel	-do-	Mianwali Musa Khel, Bori Khel, Swans <b><u>Isa Khel</u></b> Isa Khel, Bhor, Kaloor, Trag, Mehar Shah Wali, Kacha Kamar Mushani, Tani Khel, Manda Khel, Kalabagh, Kotki Baironi, Tola Mangali.
Tornado	-	-	-
Earthquake	-	-	According to the situation of the country.
Drought	-	-	Environmental.
Epidemic	-	-	Environmental
Environmental Hazards (industrial accidents, severe pollution	-	-	Nil

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

S#	Name and Location	Health Facility Type (Primary, Secondary, Tertiary )	Focal Person	Contact#	Hazard Vulnerability (Floods, Earthquake etc.)
1	Kaloor Sharif	BHU	Dr.SjawalHussian	03046291456	Flood
2	Kundal	BHU	Dr.Ali Raza Shah	0331-5082663	7 KM away from flood area
3	Mitha Khatak	BHU	Dr Zunain Ali	0313-0089969	Hill Torrents,more rain
4	Jalal Pur	BHU	Dr Zaka Ullah	0346-8367445	Hill Torrents,more rain
5	Sultan Khel	BHU	Dispenser- Aslam Khan	0301-2423309	Hill Torrents,more rain
6	Tola Bangi Khel	BHU	Dr Hafiz Muhammad Adeel	0309-4346601	Hill Torrents,more rain
7	Vanjari	BHU	Dr Izhar Syed	0317-7588125	Hill Torrents,more rain
8	Chapri	BHU	Dr Mehr Junaid Iqbal	0336-0700524	Hill Torrents,more rain
9	Ganda	BHU	Dr Ijaz Khalid	0300-8579196	Flood
10	Maseet Wala	BHU	Dispenser- Ghulam Mustafa	0300-7259695	-
11	Isa Khel	MCH	Mst Fiza Akram	0336-1604647	-
12	Kalabagh	MCH	Mst Jamila Bibi	0334-7667528	Flood & Hill Torrents
13	Khaduzai	DISP	Mr Muhammad Shafique	0302-3953781	Flood/ Land Sliding
14	Tabbi Sar	RHC	Dr Kamran Malik	0333-9813612	-
15	Trag	RHC	Dr Ashraf Khan	0300-6099444	Flood
16	Kammer Mushani	RHC	Dr Mansoor Hassan Khan	0300-6080215	-
17	Kalabagh	THQ			Flood
18	Isa Khel	THQ			Flood
19	Bori Khel	BHU	Dr Muhammad Asif	0333-8913745	Hill Torrents,more rain
20	Chidru	BHU			-
21	Thathi	BHU	Dr Elishba	0337-0687491	Flood
22	Dhoke Ayub	BHU	Dr Maria Jahan	0301-7400214	Hill Torrent
23	Dilay Wali	BHU	Dr Maria Jahan	0301-7400214	Flood
24	Mari Indus	BHU	Dispenser- Rafi Ullah Khan	0307-4736475	Flood
25	Pai Khel	BHU	Dispenser- M. Junaid Khan	0301-7805905	Flood (Katcha Area)
26	Pakki Shah Mardan	BHU	Dr Irfan Yousuf	0302-5303853	Flood
27	Rokhri	BHU	Dr Rehana Yasmeen	0331-1770510	Flood
28	Mianwali	DHQ			Flood
29	Mianwali				Flood
30	Khan Muhammad Wala	MCH	Mst Nasira Saeed	0333-6830644	Flood
31	Muhammad Yar Wala	DISPENSARY	Mr Aslam Khan	0304-1966357	-
32	Dhurnaka	DISPENSARY	Mr Haroon Ur Rasheed	0303-5230767	Hill Torrents
33	Shebaz Khel	DISPENSARY	Dr Aroosa Zafar	0334-7559100	Flood (Katcha Area)
34	Watta Khel	DISPENSARY	Dr Jawaira Gul	0340-6621145	Flood
35	Chakrala	RHC	Dr Ahsan Malik	0333-5550388	Hill Torrents
36	Daud Khel	RHC	Dr Arsad Iqbal Khan	0313-7098775	Hill Torrents

37	Mochh	RHC	Dr Sadia Jahan	0331-5012094	Flood
38	Doaaba	BHU	Dispenser-M. Ramzan	0341-4201122	Flood

## **ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS**

<b>S#</b>	<b>Name</b>	<b>Institute type (School, College etc.)</b>
1	GGES Khaglanwala	School
2	GGPS Kareem Abad	School
3	GGPS Saliab Colonay	School
4	GGPS Kalu Wala	School
5	GGPS Mohbat Khel	School
6	GGPS Tola Managali	School
7	GGMPS Janti Wala	School
8	GPS Umree Khel	School
9	GGCMS Sohri Wala	School
10	GGPS Hindal Khel	School
11	GGPS Hassan Khan Kalay KhelWala	School
12	GGPS Nizam Khel	School
13	GGES Sangani	School
14	GGPS Ghanjoori	School
15	GGPS Manjh Ghundi Poss	School
16	GGPS Sheena Ghund	School
17	GGPS Wasoo Wala	School
18	GGMPS Mehr Shah Wali No.2	School
19	GGES Mehr Shah Wali	School
20	GGPS Wandha Musa Khel	School
21	GGMPS Ajab Khan Wala No.1	School
22	GGPS Chorawala	School
23	GGPS Kalabag No.3	School
24	GGPS Kukranwala	School
25	GGPS Shabi Khel	School
26	GGPS Sultan Khel Gharbi	School
27	GGMPS Blochi Khel	School
28	GGMPS Qutal Khel	School
29	GGPS Azeem Abad	School
30	GGPS Kus Umer Khan	School
31	GGPS Muqrab Khel	School
32	GGPS Gharoonwala	School
33	GGPS Din Muhmmad Wala	School
34	GGPS Rulawanwala	School
35	GGPS Midad Khel	School
36	GGPS Ladhu Khel	School
37	GGPS Chah Kalu Wala	School
38	GGPS Katalay Khel	School
39	GGPS Noor Muhmad Chinel Wala	School
40	GGPS Shadi Khan Sinjer Khel	School
41	GGPS Makki Masjid	School
42	GGCMS Kallur Sharif	School
43	GGPS Noshera	School
44	GGPS Habib Ulah Khan Wala	School
45	GGPS Armatay Wala	School
46	GGPS Awana Wala	School
47	GGPS Humbranwala	School
48	GPS samand Wala	School
49	GPS Draz Wala	School
50	GES Trag	School
51	GPS Moqeeem Colony	School

52	GPS Jabo Wall	School
53	GES Kala Bagh	School
54	GPS Jattan Wala	School
55	GPS Ghaley Khel	School
56	GES Bhore Sharif	School
57	GPS Alam Khan Wala	School
58	GPS Chhinlan Wala	School
59	GPS Mohabat khel	School
60	GPS Chapri Karam khel	School
61	GPS Qureshian Wala	School
62	GES Misar Wala	School
63	GPS Tola Bangi Khel	School

AEO Name	Markaz Name	Contact Number
Aamir Abbas	NAMAL-MALE	3026358960
Abdul Rauf Khan SSE GES Alaf Khel	BORH KHOI-MALE	3052245668
Adnan Khan	DHER UMAID ALI SHAH-MALE	3023969200
Afroz Jan	KAMMAR MUSHANI NO.2-FEMALE	3026740607
Ajab Gul Khan	KAMAR MUSHANI NO.4-FEMALE	3316762063
Amir Khan	KOT CHANDANA-MALE	3082817258
Ammarah Maariyam	CHASHMA-FEMALE	3067090099
Anaa Zahra	KALA BAGH-FEMALE	3355975859
Anwar Kamal	ISA KHEL-MALE	3008825834
Asad Kaleem Ullah Khan	PAI KHEL-MALE	3005087653
Asad Karim Khan	KUND-MALE	3448657319
Asma Bibi	MIANWALI URBAN-FEMALE	3454799485
Azmat Ullah Khan	MIANWALI RURAL-MALE	3458962442
Farhat Hameed	KOT CHANDANA-FEMALE	3336839909
Farzana Yasmeen	PAI KHEL-FEMALE	3347242324
Hamayun Nasrullah	KALLUAN WALA-FEMALE	3139003235
Hayat Ullah Khan	KALLUAN WALA-MALE	3027155950
Kafayat Ullah	KAMMAR MUSHANI NO.2-MALE	3017061899
Madeeha Akram	DOABA -FEMALE	3347651506
Malik Muhammad Abu Bakar	WATTA KHEL-MALE	3336838854
Mehwish Fatima	SWANCE-FEMALE	3015443264
Mohe ud Din Khan	TRAG SHARIF-MALE	3127433680
Muhammad Aatif Khan	JHAMTAN WALA -FEMALE	3336635668
Muhammad Aftab	TIBBA MEHARBAN SHAH-MALE	3462045130
Muhammad Asif	NAMAL JUNABI-FEMALE	3064823311
Muhammad Asif Khan	BAN HAFIZ JEE-MALE	3334843725
Muhammad Asif Khan	MOCHH-MALE	3450707000
Muhammad Bilal	PIPLAN-MALE	3096724124
Muhammad Faisal Malik	TOLA BANGI KHEL-FEMALE	3145919089
Muhammad Faisal Malik	KAMAR MUSHANI NO.5 -FEMALE	3145919089
Muhammad Farooq Shahzad	CHAKRALA -FEMALE	3214175787
Muhammad Ilyas Javaid	KHAGLAN WALA-FEMALE	3046197582
Muhammad Imran	SAWANCE-MALE	3327644508
Muhammad Maqsood Khan	SULTAN KHEL-MALE	3324464837
Muhammad Maqsood Khan	VANJARI-MALE	3324464837
Muhammad Rizwan Khan	KULLAR SHARIF-FEMALE	3037823585
Muhammad Sabtain	KAMMAR MUSHANI NO.3-FEMALE	3067687179

Muhammad Saeed Khan	SULTAN KHEL NO.1-FEMALE	3167553160
Muhammad Shafqat Ullah Khan	NAMAL SHUMALI -FEMALE	3006825876
Muhammad Waqas Khan	KAMMAR MUSHANI NO.1-MALE	3030162500
Mumtaz Ahmad Khan	CHAPRI-FEMALE	3017804265
Muzaffar Shah	TABBI SAR-MALE	3039206649
Nadia Nawaz	MOCHH NO.2-FEMALE	3001281999
Noor ud Din	DAUD KHEL-MALE	3025053443
Qasim Zia	TIBBA MEHARBAN SHAH -FEMALE	3124043047
Rafaqat Ameen	TOLA BANGI KHEL-MALE	3472006827
Sadia Gul	MIANWALI RURAL NO.1-FEMALE	3002484837
Sadia Sehrish SSE GGES Nasri Wala	TABBI SAR-FEMALE	3499434869
Sanjeeda Ayesha	KUNDIAN RURAL-FEMALE	3049795568
SHAUKAT HAYAT KHAN	SHEIKHALI-MALE	3006476647
Shazia Aman	MOCHH NO.1-FEMALE	3067807965
Shazia Batool	DHAIR UMAID ALI -FEMALE	3049504593
Shumaila Khan	ROKHRI-FEMALE	3126091211
Sibghat Ullah Rana	KILEAY KHEL-FEMALE	3039080520
Sikandar Ali Khan	ISA KHEL NO.1-FEMALE	3237625208
Snobia Tanveer SST GMES 19AML	DAUD KHEL -FEMALE	3337568900
Tahreem Akbar Niazi	MIANWALI RURAL NO.2-FEMALE	3354700572
TARIQ MASOOD	BAN HAFIZ JEE -FEMALE	3474228069
Uzma Nazish	TRAG SHARIF-FEMALE	3326939505
Waqar Ahmad Khan	SULTAN WALA SHARQI-MALE	3026969800
Waseem Ahmad	KALA BAGH-MALE	3337667359
Yasmin Bibi	MARI INDUS-FEMALE	3015200506
Zainab Qasim SST GGES Kot Chandna	KAMMAR MUSHANI NO.1-FEMALE	3075156375
Zia Ud Din	ISA KHEL NO.2-FEMALE	3348984992
Zia Ud Din	SULTAN KHEL NO.2-FEMALE	3348984992

## 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	Pakistan Atomic Energy	Chashma, Kundian Mianwali	X: 32.416833 Y: 71.410124	Nuclear		High	Floods/ Earthquake Nuclear radiations
2	Urea Factory	Iskanderabad Daud Khel	X:32.9051682 Y:71.5979482	Chemical		High	Floods/ Earthquake Poisonous gases,fire
3	Cement Factory	Iskanderabad Daud Khel Mianwali	X:32.9068079 Y:71.5935279	Chemical		High	Floods/ Earthquake fire
4	Awais IND (PVT) LTD	Gul Meri Sargodha Road Mianwali	-	-		High	Earth Quake/Fire
5	Azeem Flour Mills	Hernoli Road Wan Bachran	-	-		Low	Earth Quake/Fire
6	Haris Farid Cotton Factory	Wan Bachran	-	-		High	Fire
7	Javed Unani Laboratories	Mohallah Miana Mianwali	-	-		High	Earth quake,fire
8	Mumtaz Dawakhana	Mohallah Miana Mianwali	-	-		High	Earth Quake/Fire
9	Mianwali Flour Mills	Bannu Road Mianwali	-	-		Low	Earth Quake/Fire
10	Mustafa Flour Mills	Bannu Road Mianwali	-	-		Low	Earth Quake/Fire
11	New Pak Herbal Pharma	Mohallah Mianwa Minwali	-	-		High	Earth Quake
12	New Standard Laboratories	Mohallah Miana Mianwali	-	-		High	Earth Quake
13	Murad Ginnig Factory	Unit No.2 Chak No.19-ML	-	-		High	Fire
14	Ahmed Cotton Industries	Piplan Road Mianwali	-	-		High	Fire
15	Pai Khel Flour Mills (closed)	Sargodha Road Wanbchran Mianwali	-	-		High	Flood
16	Fine Flour Mills	Esa-Khel	-	-		High	Flood
17	M.H. Flour Mills	Sargodha Road Mianwali	-	-		High	Earth Quake/Fire
18	Hamza Flour Mills	Sargodha Road Wanbhchrn Mianwali	-	-		High	Earth Quake/Fire

19	Bachar Flour Mills	Sargodha Road Wanbhachran	-	-	High	Earth Quake/Fire
20	Al-Fateh Cotton Ginning Factory	Sargodha Road Wanbhachran Mianwali	-	-	High	Fire
21	Value Cotton Factory	Sargodha Road Mianwali	-	-	High	Fire
22	Bismillah Cotton & Ginning Factory	Chak No.11 ML. Piplan Mianwali	-	-	High	Fire
23	Hamza Javed Cotton Factory	M.M. Road Mianwali	-	-	High	Fire
24	Mianwali Cotton Factory	Hernoli Road Mianwali	-	-	High	Fire
25	Ahmed Cotton Industries	Hafiz Wala Piplan Mianwali	-	-	High	Fire
26	Al-Hamad Cotton Factory	Hernoli Mianwali	-	-	High	Fire
27	Khan Brothers Cotton Ginning Factory	Piplan Mianwali	-	-	High	Fire
28	Hafiz Cotton Industries	Piplan Road Mianwali	-	-	High	Fire
29	Subhan Allah Cotton Factory	Chak No. 11- ML Piplan Mianwali	-	-	High	Fire
30	Shandar Flour Mills	Chak No.19- ML M.M Road Mianwali	-	-	Low	Earth Quake/Fire
31	Azeem Flour Mills	Watta Khel Mianwali	-	-	Low	Earth Quake/Fire
32	Al-Rehman Cotton Ginning Factory	Shadia Mianwali	-	-	High	Fire
33	Shahu Khel Cotton Industries	Hernoli Road Wanbhachran Mianwali	-	-	High	Fire
34	Al-Madina Cotton & Ginning Factory	Chak No.5/6 ML Piplan Mianwali	-	-	High	Fire
35	Pakistan Cotton & Ginning Factory	Hernoli Road Wanbachran Mianwali	-	-	High	Fire
36	G.M Cotton & Ginning Industries	Quaid Abad Road Hernoli Mianwali	-	-	High	Fire
37	Al-Makkah Cotton	Hernoli Road Wanbhachran	-	-	High	Fire

	Factory	Mianwali				
<b>38</b>	Zam Zam Cotton Factory	Hernoli Road Wanbhachran Mianwali	-	-	High	Fire
<b>39</b>	Al-Habib Cotton Industries	M.M. Road Hameed Kot Mianwali	-	-	High	Fire
<b>40</b>	Al-Madni Cotton Industries	M.M. Road Hameed Kot Mianwali	-	-	High	Fire
<b>41</b>	Punjab Cotton Industries	Chak No. 11- ML Piplan Mianwali	-	-	High	Fire
<b>42</b>	Hamza Javaid Cotton Industries	Esa-Khel Mianwali	-	-	High Risk	Flood/ Fire
<b>43</b>	Mianwali Cotton Factory	Kacha Gujrat Mianwali	-	-	High	Fire
<b>44</b>	Chashma Cotton Factory	Kacha Gujrat Mianwali	-	-	High	Fire
<b>45</b>	Allah Tawakal Cotton Factory	Nagni Road Mianwali	-	-	High	Fire

## **ANNEX VI: LIST OF NGO WORKING IN THE DISTRICT**

Below Mentioned NGO's participate in Flood Rescue activities during flood season.

<b>S#</b>	<b>NGO Name</b>	<b>NGO Type (Local, National, International)</b>	<b>Location where they are working</b>	<b>Sector/Cluster of work (e.g. WASH, Health, Education)</b>	<b>Focal Person Name</b>	<b>Contact No.</b>
1	Daud Khel Development Organization Daud Khel	Local	Daud Khel	Women Welfare	Irfan Ullah	0301-5749572
2	Indus Welfare Society Marri Indus	Local	Mianwali	Education	Sayed Abra Hussain	0300-6664552
3	Noor Women Welfare Organization Marri Indus	Local	Marri Indus	Education	Mukhtiar Shaheen	0301-3951228
4	Karwan Communtiy Development Kala Bagh	Local	Kala Bagh	Micaro credit program	Khalil Ur Rehman	3013056490
5	Khawaja Welfare Society Trag	Local	Trag	Health , Education	Muhammad Allou-u-din	3018606551
6	Tehsil Welfare Council Piplan	Local	Tehsil Piplan	Education , Healp of needy	Rana Muhammad Akbar	0332-6915003
7	Al-Falah Welfare Organization Harnoli	Local	Piplan	Health , Healp of poor family	Rana Javed Jabbar	0300-6089889

## Other General Activities/Working NGO's in the District

#	Name NGO.	Name of President	Contact #	Area	field of services
1	Anjuman Akbaria Balo Khel	Abdul Hameed Khan,	0459-232664 0345-5831500	Mianwali	Education
2	Indus Welfare Society Marri Indus	Malik Ghulam Raza	0302-8559960 0300-6664552	Mianwali	Education
3	Rural Education & Development Society Ban Hafiz Jee	Saqlain Naqvi	0301-8772029	Ban Hafiz Jee	Education
4	Anjuman Samaji Behbood Paki Shah Mardan	Intazar Hussain Shah	0301-8774512 0308-5949793	Pakki Shah Mardan	Health
5	Obaid Noor Welfare Association Mianwali	Dr. Taeiq Masud Khan,	0333-6831220 0300-9550065	Miawali	Health
6	Anjuman Falah o Muashra Wan Bachran Mianwali	Malik Muhammad Hayat	0302-7984043 03026353026	Wanbachran	women welfare
7	Khidmat Welfare Society, Mohallah Eid Gah, Mianwali.	Dr. Muhammad Ashraf Khan	0300-6820349 0345-6109899	Mianwali	Health
8	Sara Welfare Society, Rikkhi	Dr. Aamlr Awam	0300-6099345 0459-231188	Rikki	Health
9	Al-Aleem Welfare Society, Mohallah Dargai Khel Mochh,	Ghulam Abbas,	0301-3958326 0303-9759890	Mochh	Education
10	Qandeel Welfare Organization, Pakki Shah Mardan,	Ulfat Hussain shah	0301-7802250 0334-7983014	Mianwali	women welfare
11	Ajmal Foundation, Sargodha Road, Wan Bachran	Aamir Javed Khan	0306-3960006 0300-6098400	Wanbachran	Education
12	Student Welfare Association	Naeem ullah khan	0313-5494950 0321-6094361	Mianwali	Education
13	First Step for Women Welfare Organization,	Muhammad Younas	03006081632	Mianwali	women welfare
14	Saqi Arts Welfare Organization,	Tahir Saqi Malik	0301-7803251 0300-6090976	Mianwali	ARTS
15	Anjman Islamia Dar-ul-Atfal,	Mohsin Ali Khan	0300-6091200 0321-6095828	Mianwali	child welfare
16	Al-Mujahid Welfare Council,	Rehmat Bibi	0302-5625863 0302-3951741	Musa khel	women welfare
17	Pakistan Blind Association,	Samiullah Shah	0333-9837577 0459-233415	Mianwali	Awareness
18	Flahi Organization,	Haji Ramzan Khan,	0302-5465720	Musa khel	women welfare
19	Daud khel Development Organization,	Irfanullah Khan	0301-5749572	Disreict Mianwali	Vocational
20	Noor Women Welfare Organization,	Mukhtiar Shaheen	0301-3951228 0334-7931530	Mari indus	Vocational
21	Women Welfare Society, Mari Indus,	vijeh zahra	0306-4873513	Mari indus	women welfare
22	Daud Khel Women Dev. Network Daud Khel	Shaista Parvin ,	0311-7083663 0302-6547283	Daud khel	women welfare
23	Anjuman Islah-e- Moashera Shaheen Town	Gul Muqsood Khan	0346-5537673 0301-3955968	Mianwali	Awareness
24	Tabeer Welfare Society	Malik Shabbir Ahmad	03336831278 0334-7667540	Mianwali	Computer centre/Free Medical Camp
25	Anjuman Behbood-o-Bahali-e-Mazooran Mianwali	Tariq Mehmood Khan	0300-6080991	Mianwali	Artificial Limbs
26	Prisoners Welfare Society Central Jail Mianwali.	Irfan Ullah Khan	3015749572	Mianwali	Prisoners Welfare

27	Patient Welfare Society.	Muhammad Ashraf Khan Advocate.	03145002007 03006080991	District	Patient Welfare
28	District Anti T.B Association Mianwali	Tariq Abdullah	03006097850 03046281047	District	Patient Welfare
29	Alflah Organization Harnoli 3	Rana Javed Jabbar	0300-6089889	Piplan	Health, help of poor families
30	Anjuman Flah e Muashara Allu Wali	Hakeem Ahsan	0303-7207168	Piplan	Industrial / PWP centre
31	Liaquat Abad Educational Welfare Society Piplan	Masood Ajmal	0300-6082285	Piplan	Education
32	Tehsil welfare Council piplan	Rana Muhammad Akbar	0332-6915003	Piplan	Education/ Help of needy people, widows, special persons
33	White Rose Dev Organization Kundian	Muhammad Riaz Hashmi	0334-4297845	Piplan	Health / welfare of people
34	Sanjh Welfare Orgnization	Asad Khan	0301-7805780	Piplan	Health/ Welfare of people
35	Ahsas Welfare Society Chak no. 12MI	Ch.Muhmmad Azam	0301-3955703	Piplan	Help of poor's/ welfare of people
36	Ijtamai Traqiati Council Kaloor	Anayat ullah	3004824238	Kaloor	Agriculture
37	Samaji Behbood Council Trag	Zulfiqar ullah khan	3018018609	Trag	Technical education agriculture
38	Khuwaja Welfare Society Trag	Muhammad Allou-u-din	3018606551	Trag	Education health
39	Shabi Welfare Committee Mitha Khattak	Haji khan	3017800493	Mitha khatk	Agriculture
40	Islahi Committee sultan khel	Razaq khan	3012650760	Sultan khel	Technical education
41	Karwan Community Dev; Organization Kala Bagh	Khalil ur rehman	3013056490	Kala bagh	Micro credit program
42	Women Dev; Society Kala Bagh	Saadat beagum	3457600865	Kala bagh	Technical education
43	Human Rights Welfare Organization isa khel	Muhammad Asghar khan	3004563322	Isa khel	Education
44	Anjuman Behbood-e-Mareezan	Dr Akhtar Abass khan	0300-6097428	Isa khel	Provision of free medicine to the poor patients.

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

Designation.	Name of Officer	Tel. Office.	Cell. #.	Fax #.
District & Sessions Judge <a href="mailto:scjmianwali@punjab.gov.pk">scjmianwali@punjab.gov.pk</a> Mail ID Senior Civil Judge, Mwi.	Mr. Aurangziab	920273	0300- 9515265	<b>920274</b> <b>House</b>
Deputy Commissioner	Mr. Khurram Shahzad	234300	0304- 0920076	234895
District Police Officer	M. Ismaeel Kharak	920029 920092	0321- 6060550 0333- 6634777 0309- 7771145	920030
Base Commander, PAF Base, Mianwali	Air Commodore Mr. Nauman Waheed	232051-56 231875	03239416000	234338
PA to Base Commander PAF	Irfan	231875		
Additional Deputy Commissioner (General)		920352		234895
Additional Deputy Commissioner (Revenue)	Mian Usman Ali	920393	0343- 4948003	920149
Assistant Commissioner (HR&Coord)	Zulfiqar Ali	920352	0321- 4360749	
Superintendent, Central Jail, Mianwali	Saqib Nazir	920198-99	0311- 0000061	920198- 99
Superintendent, High Security Prison Jail, Mianwali	Siddique Gill	920391- 920215	0333- 6627720	
Assistant Commissioner, Mwi.	Izhar-ul-Haq	920249	0300- 6688448	920149
Assistant Commissioner, Piplan.	Rizwan Ashraf	201233	0322- 5488090	201233
Assistant Commissioner, Isakhel.	Ch. Jafar Gujar	285111	0301- 4106126	285111
D.O (Civil Defence), Mianwali	<b>Sana Khan</b>	<b>920019</b>	<b>0300- 6090177</b>	<b>234895</b>
<b>Deputy Director (Social Welfare), Mianwali</b>	Madam Fatima	920177	0333- 5228861	-
Additional Deputy Commissioner (Finance & Planning), MWI		<b>920160</b>		920162
Chief Executive Officer (Education), Mianwali.	<b>Muhammad Awais</b>	<b>920207</b>	<b>0300- 6409164</b>	-
Deputy Director (Agriculture), (Ext.) Mianwali.	<a href="mailto:doagri.extmwi@gmail.com">doagri.extmwi@gmail.com</a> <b>Malik M. Nawaz</b>	<b>920098</b> <b>920095</b>	<b>0301- 5292639</b>	<b>920095</b>
Additional Director (Livestock), Mianwali. Superintendent (Livestock)	<b>Mati-ul-Islam</b> <b>Malik Qaisar</b>	<b>920135</b>	<b>0303- 0062300</b> <b>0345- 5167229</b>	-
Chief Executive Officer (Health), Mianwali	Dr. Ray Sami Ullah	<b>920133</b>	0304- 0925295 0300- 9638292	<b>920134</b>
Medical Superintendent DHQ Hospital Mianwali.	Dr. Ameer Ahmed Khan	920222 920127	0300- 6699569	920127
Medical Superintendent THQ Hospital Isakhel.	Dr. Akhtar Abbas	285018	0300- 6097428 0309- 0917428	
Medical Superintendent THQ Hospital Kalabagh.	Dr. Masood Ahmad	399525	0304- 0925250	

Medical Superintendent THQ Hospital Piplan.	Dr. Saeed	201810	0301-8799549	
RESCUE-1122 District Emergency Officer, Mianwali <a href="mailto:crimianwali1122@gmail.com">crimianwali1122@gmail.com</a>	Eng. M. Naveed	920257 920260 381075	0300-4434543 0309-9221122	920260
Emergency Officer 1122	Farooq Khan		0333-9871122	
PA to DEO 1122	M. Qasim	920317	0347-7701122	
Deputy Director Public Relations, Mianwali.	Tanveer Khalid.	920142	0333-5904449 0333-4969304	-
	Rana Muhammad Iqbal	-	0301-6353481	
Executive Engineer (Highways), Mianwali.	<b>Mansoor Ahmed Pansota</b>	<b>920223</b>	<b>0300-8674166</b>	-
Executive Engineer Building Division, Mianwali.	<b>Abbas Virk</b>	<b>920238</b>	<b>0346-5782090</b>	-
Executive Engineer (Irrigation), Mianwali.	<b>Sammar Iqbal</b>	<b>920137</b>	<b>0300-7291010</b> <b>0345-5844584</b>	-
XEN Irrigation Kalabagh Headworks Daud Khel.		<b>236969</b>	<b>0334-8112162</b>	-
XEN Irrigation Kalabagh Headworks Daud Khel.	<b>Imtiaz Khan</b>	<b>0333-6870618</b>	0345-7787618	
<b>District Food Controller, MWI</b>	Imran Baloch	920169	0305-2353531	230246

## ANNEX IX: POLITICAL CONSTITUENCIES

National Constituencies				Provincial Constituencies			
Constituency	Parliamentarian	Portfolio	Contact	constituency	Parliamentarian	Portfolio	Contact
NA-71	Mr. Imran Ahmad Khan	MNA(PM)		PP-43	Mr. Abdur Rehman k	MPA	
NA-72	Mr. Amjad Ali Khan	MNA		PP-44	Ameen Ullah Khan	MPA	
				PP-45	Malik Ahmed Khan Bhacher	MPA	
				PP-46	Sardar Muhammad Sibtain Khan	MPA	

## ANNEX VIII: LIST OF VOLUNTEERS

Sr.	Volunteer Name	CNIC	Address	Mobile Number	Time required to be on-board
1	FAWAD FAROOQ	38302-0228660-7	Mianwali City	03055630640	40 Mints
2	MUHAMMAD AQIB	38201-9348429-7	Shaheen Town	03095942251	40 Mints
3	IMTIAZ ULLAH	38302-1059332-3	Musa Khel	03094991504	60 Mints
4	MANSOOR HAYAT	38302-0684914-1	Daud Khel	03067808000	80 Mints
5	SHAH BEHRAM	38302-7770095-9	Bitian	03040497007	60 Mints
6	MUHAMMAD JAMAL	38302-0120510-1	Gulmeri	03019240180	30 Mints
7	HAMZA NAJEEB	38303-8646044-5	Allu Wali	03067175326	80 Mints
8	SAIF UR REHMAN	38302-8637087-9	Chashma	03038440291	120 Mints
9	TANVEER SULTAN	38302-5626391-9	Musa Khel	03041049178	80 Mints
10	ABU BAKAR	38302-9523973-3	Chashma	03060716384	120 Mints
11	MAZHAR IQBAL	38302-2655180-3	Tari Khel	03060955468	60 Mints
12	BASIT KHAN	38302-0960394-7	Mianwali City	03090931004	40 Mints
13	INAM ULLAH KHAN	38302-8008478-3	Mianwali City	03070446605	40 Mints
14	MUHAMMAD IMRAN	38302-9890661-1	Pai Khel	03075360887	80 Mints
15	ZEESHAN KHAN	38302-1510038-9	Rokhri	03040497007	80 Mints
16	Syed M. Jamshaid Khalid Kazmi	38302-1115335-5	Mianwali City	0302-3959712	2 Hours
17	Hafiz Muhammad Javaid Iqbal	38302-1236446-3	Moch	0344-7794971	-do-
18	Syed Muhammad Atif Hussain Kazmi	38302-5956448-1	Mianwali City	0300-7217524	-do-
19	Syed Ali Hussain Shah	38302-1144920-9	Mianwali City	0314-5910519	-do-
20	Aman Ullah Balouch	38302-1233281-3	Mianwali City	0314-3226850	-do-
21	Naeem Akhtar	38302-1247788-3	Mianwali City	0300-6091608	-do-
22	Haji Fateh Muhammad	38302-1082185-1	Mianwali City	0334-7928032	-do-
23	Muhammad Aslam Khan	38302-5290386-3	Mianwali City	0300-6093203	-do-
24	Umar Khatab	38302-8732000-5	Mianwali City	0314-3109234	-do-
25	Muhammad Shafa Ullah	38302-2914374-1	Mianwali City	0331-7229126	-do-

# ANNEX XI: DATA COLLECTION PERFORMAS

## P1: House Damage Assessment

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Focal Person:** \_\_\_\_\_

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

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

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

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

## ANNEX XIII: FLOOD BUNDS

### STATUS OF FLOOD PROTECTION BUNDS WITH COORDINATES AT KALABAGH WORKS

Sr	Description	Length (Ft).	Remarks/ Presentant status	GPS Location of Critical/ Vulnerable Points
1	Left guide bund U/S	4099	Satisfactory	32.9186191 71.530958
2	Left guide bund D/S	1522	Satisfactory	32.912761 71.525753
3	Right guide bund U/S	1761	Satisfactory	32.924492 71.513690
4	Right guide bund D/	1957	Satisfactory	32.917773 71.513871
5	Left marginal bund	7410	Satisfactory	32.915953 71.533626
6	Right marginal bund	9084	Satisfactory	32.924598 71.511407
7	T-Head spur off-taking R.D.6500 R.M.B	4820	Satisfactory	32.936468 71.508579
8	Canal ColonyProtection Bund	11730	Satisfactory	32.905472 71.557569
9	Hocky Spur Near village Beyo Syedan	3585		32.639214 71.293909
10	Flood Protection Bund Along river Kurram (i) RD: 8+500 – 19+500	11000 15000		32.612666 71.202929
	(ii) RD: 46+000 – 61+000			32.640494 71.300250
11	Stone Guide wall River Kurram	1200		32.608548 71.167867

**STATUS OF FLOOD PROTECTION BUNDS WITH COORDINATES AT CHASMA WORKS**

Sr.	Name of Bund / Spur / Guide Wall / Studs.	LENGTH		Year of Construction	Remarks/ Presentant status	GPS Location of Critical/ Vulnerable Points
		RD:	Miles			
1	J-Head Spur at Village Kahloon	2+120	0.42	2006	Satisfactory	X: 32.415133 Y: 71.401110
2	J-Head Spur at Village Bhakra	2+500	0.50	1997	Satisfactory	X: 32.389277 Y: 71.409378
3	Guide Spur at Alluwali	2+200	0.44	1996 / 2005	Satisfactory	X: 32.371263 Y: 71.402432
4	Protection Wall at Alluwali	2+250	0.45	2013	Satisfactory	X:32.367179 Y: 71.401926
5	Protection Wall at Dhingana	1+000	0.20	2017-18	Satisfactory	X:32.354895 Y: 71.399407
6	Solid Stone Stud near village Doaba	1+840	0.37	2016-17	Satisfactory	X: 32.339367 Y:71.386928
7	J-Head Spur at Piplan	3+514	0.70	1995	Satisfactory	X: 32.354895 Y:71.399407
8	Guide Wall Spur at Piplan	1+410	0.28	1995 / 2006	Satisfactory	X: 32. 1703 Y:71.2104
9	Guide Spur at Musewali	2+000	0.40	1996	Satisfactory	X: 32. 1542 Y:71.2010
10	J-Head Spur at Alluwali (shank portion)	1+400	0.28	Under construction	Revised PC-I prepared on the basis of Fresh Model Study and submitted for approval.	X: 32.362717 Y:71.399022
11	Guide Head Spur at 29+000 Dhingana	3+125	0.63	Under construction	Work in progress	X: 32.345835 Y:71.389561
12	J-Head Spur at RD: 35+600 Doaba	3+675	0.74	Under construction	Work in progress	X: 32.331707 Y:71.377234

## 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
	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
SUTLEJ	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	3	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4	0.75	1.1	1.5	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.