

DISTRICT DISASTER MANAGEMENT PLAN 2025

Division: Sahiwal

District: Sahiwal



Drowning Case in LBDC 2024 Sahiwal



Oil Tanker Fire bypass Sahiwal 2024



Fire in Train Engine 2024 Sahiwal



House Collapse in Monsoon Session 2024

Prepared by: GIS Cell DC Office Sahiwal

Approved by: **Deputy Commissioner Sahiwal**



TABLE OF CONTENTS

Executive Summary	1
Aim and Objectives	2
District Profile	3
Coordination Mechanism	11
Risk Analysis	23
Mitigation Strategy	29
Early Warning	32
Rescue Strategy	36
Humanitarian Assistance	37
Annex I: Identified sites for displaced persons	38
Annex II: List of hazard-prone villages/ Revenue Estate (NAMES Required).....	37
Annex III: List of Health Facilities and Their Vulnerability to Hazards	39
Annex IV: List of vulnerable Educational institutions	43
Annex V: List of Industries with their risk level	44
Annex VI: List of NGO working in District	52
Annex VII: Contact list of main stakeholders/departments	61
Annex VIII: List of Volunteers	63
Annex IX: Political Constituencies	70
Annex X: Local Government.....	70
Annex XI: Data Collection Proformas	71
Annex XII: Camp Management SOPs	74
Annex XIII: Flood Bunds	75
Annex XIV: River Discharge Rates.....	78
Annex XV: List of Basic Terms	79

111,066

Estimated number of people at risk of **floods** in 2025

4.4%

of total population

Risk: Medium

75,527

Estimated number of people at risk of Urban Flooding in 2025

3%

of total population

Risk: Medium

2,013,648

Estimated number of people at risk of earthquake in 2025

80%

of total population

Risk: Low

830,795

Estimated number of people at risk of epidemic in 2025

33%

of total population

Risk: Medium

EXECUTIVE SUMMARY

The Flood Fighting/Relief Plan has been prepared considering the district's past flood and rainfall history. The discharge of water from the River Ravi has been a key factor in shaping this plan. As the river's flow often changes in course and intensity, the plan has been revised accordingly. Relief measures are based on the latest guidelines from the Provincial Disaster Management Authority (PDMA) and the Relief & Crisis Management Department, Board of Revenue, Punjab. I firmly believe this plan will be a vital tool for the District Administration Sahiwal, especially for flood emergency teams, as it covers every detail of rescue and relief operations, including pre- and post-flood arrangements.

By integrating historical data, current guidelines, and adaptive strategies, this plan aims to enhance the district's capacity to manage flood-related challenges effectively, ensuring the safety and well-being of its residents.

AIM AND OBJECTIVES

This plan aims to effectively manage emergencies by implementing necessary mitigation measures and ensuring a well-coordinated and integrated response at the district level.

Key Objectives:

- Establish a comprehensive action plan for the District Disaster Management Authority and other stakeholders to define priorities and provide strategic direction.
- Clearly outline the roles and responsibilities of various stakeholders across all phases of disaster management—before, during, and after an event.
- Enhance awareness among stakeholders about disaster risks and preparedness requirements.
- Develop a structured coordination mechanism for immediate response and long-term rehabilitation at the district level.
- Improve the efficiency and timeliness of emergency response by defining clear objectives, strategies, and responsibilities.
- Strengthen coordination between government agencies and humanitarian organizations, including UN agencies and international/national NGOs, to ensure a unified and effective disaster response.

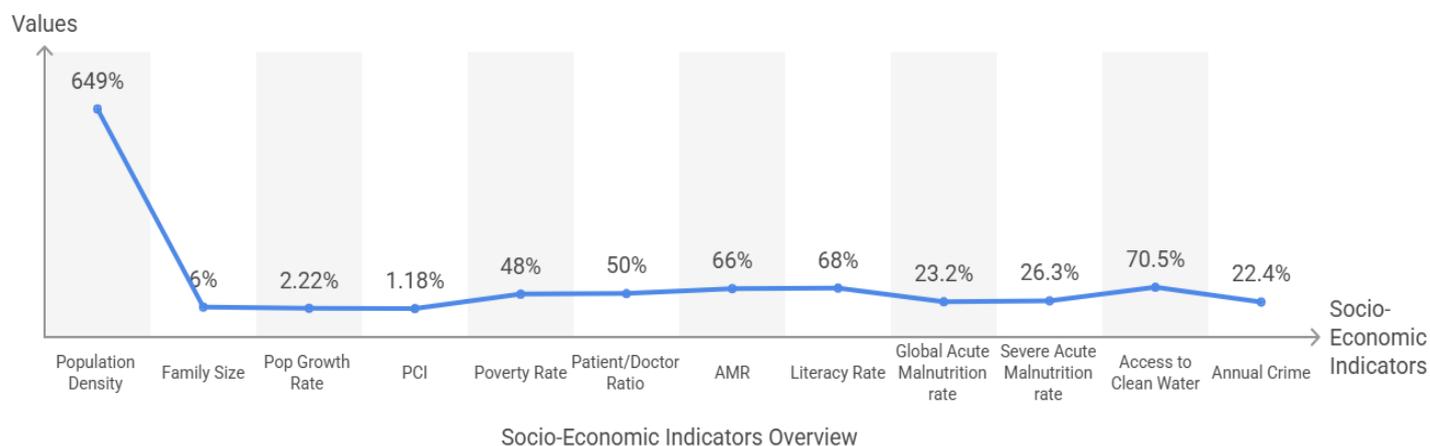
District Disaster Management Plan Objectives



DISTRICT PROFILE

Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population	2,517,560
2.	No. of Tehsils	2
3.	No. of UCs	100
4.	No. of Revenue Estates	531
5.	Population Density (people per km ²)	649
6.	Family Size	6
7.	Pop Growth Rate	2.22%
8.	PCI	1.18%
9.	District GDP/Annual Income	14.6 million
10.	Poverty Rate	48%
11.	Patient/Doctor Ratio	50/38.7%
12.	AMR	66%
13.	IMR	32/1000
14.	MMR	164/100,00
15.	Literacy Rate	68%
16.	Global Acute Malnutrition (GAM) rate	23.2%
17.	Severe Acute Malnutrition (SAM) rate	26.3%
18.	Percentage of population having access to clean drinking water	70.5%
19.	Annual Crime	22.4%



Population

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
2,513,011	675420	667680	601226	568439	182386

Source/Note: Click here to enter text.

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks & Mortar)
1440	4221	10219

Area (in acres)

Note: These figures are according to census of year 2017.

Literacy Rate

Total Area of District in Km ²	Area under cultivation		Cultivation in Settled Area		Cultivation in Baid Area	
3201	1,30,530 Acres		6,59,335 Acres			
Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
54%	33.8%	29.9%	30.2%	19.3%	64%	40.2%

Source/Note: Click here to enter text.

Government Schools

		Schools	Enrollment
Total/ Overall			
Boys		351	53310
	1207	83	26716
		150	408147
Girls	Primary	420	63451
	Middle	201	63415
	High	145	98309
Co- Education	Primary	-	-
	Middle	-	-
	High	-	-
Special Education	-	2	-

Private Schools

		Schools	Enrollment
Total/ Overall			
Boys	Primary	17	97972
	Middle	372	23793
	High	160	8640
Girls	Primary	9	98485
	Middle	524	24498
	High	206	9090
Co- Education	Primary	-	-
	Middle	-	-
	High	-	-
Special Education		208	

Higher/Technical/Professional Education (Public & Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	14	0	1	3	2	20

Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	107	2	1	-	110
Annual OPDs	1771970	441994	529627	-	2743611
No of beds	401	330	1150	-	1881
Doctors Available	135	72	324	-	531
Paramedical staff	688	86	137	-	911
Ambulances available	11	0	0	-	11
Mobile Medical Units	01				01

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

Big Animals (cows, buffalos, camel etc.)

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

Agriculture	Livestock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skilled Labor	Unskilled Daily Labor	General Labor
55%	7%	1%	1%	8%	9%	1%	2%	5%	8%	3%

Disaster History - Floods (since 1970)

Year	Discharge (in cusecs)	
	U/S	D/S
1976	255974	234474
1988	389345	240854
1995	222800	222800
1996	222000	220000
1997	173500	173500
2008	81285	57735
2014	131800	118000
2015	70650	54650
2016	60925	27325
2017	65890	36790
2018	68030	37680
2019	53200	34900
2020	63250	37250
2021	60879	32200
2022	52435	35235
2023	74270	58870
2024	53180	31080

Sr.#	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	2008	-	-	-	-	-	-	-
2	2009	-	-	-	-	-	-	-
3	2010	-	-	-	-	-	-	-
4	2011	-	-	-	-	-	-	-
5	2012	-	-	-	-	-	-	-
6	2013	-	-	-	-	-	-	-
7	2014	-	-	-	-	-	-	-
8	2015	-	-	-	-	-	-	-
9	2016	-	-	10 Acres	10	15	-	-
10	2017	-	-	-	-	-	-	-
11	2018	-	-	-	-	-	-	-
12	2019	-	-	-	-	-	-	-

Disaster History – Other disasters (since 1970)

Sr.#	Name of Embankment	Length (km)	Starting Point (Revenue Estate/ Tehsil Name)	Ending Point (Revenue Estate/ Tehsil Name)	Name of Ceritical/ Vulnerable Points	GPS Location of Ceritical/ Vulnerable Points	Remarks
1	J-Head Spur Ara Tulla	1.06	Ara Tullah/ Sahiwal	Ara Tullah/ Sahiwal	-	Lat:30.67882 Long:73.090275	All the Structures are in safe condition
2	J-Head Spur Dadra Bala	0.81	Dadra Bala/ Sahiwal	Dadra Bala/ Sahiwal	-	Lat:30.68849 Long:72.85840	All the Structures are in safe condition
3	Guide Spur 1st Dulla Zareen	0.24	Dulla Zareen/ Sahiwal	Dulla Zareen/ Sahiwal	-	Lat:30.789301 Long:73.029122	All the Structures are in safe condition
4	Guide Spur 2nd Dulla Zareen	0.32	Dulla Zareen/ Sahiwal	Dulla Zareen/ Sahiwal	-	Lat:30.789481, Long:73.027295	All the Structures are in safe condition
5	Guide Spur KaureShah Zareen	0.58	KaureShah Zareen/ Sahiwal	KaureShah Zareen/ Sahiwal	-	Lat:30.848248, Long:73.124678	All the Structures are in safe condition
6	Guide Spur	0.30	Natus Wasli/ Sahiwal	Natus Wasli/ Sahiwal	-	Lat:30.783244, Long:73.016786	All the Structures are in safe condition
7	06 No. Solid stone studs	0.18	New Daden Mochiwala/ Sahiwal	New Daden Mochiwala/ Sahiwal	-	Lat:30.855219, Long:73.138608	All the Structures are in safe condition
8	Gunda Bund	2.06	Aurangabad/ Sahiwal	Aurangabad/ Sahiwal	-	Lat:30.795110, Long:73.079325	All the Structures are in safe condition

General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Faisalabad, Vehari, Pakpattan Okara Pakpattan
Topographical Features	
Weather/Climate pattern	e.g., max. and min. temperature, annual precipitation, storms, heat waves, snow fall, etc. 5-48
Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels Ravi
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels Nil
Motorway/Highway	Vulnerable points of motorway/highway NIL
Railways	Vulnerable points of Railway 01
Geological features	e.g., fault line, mountainous areas, etc. Agri

Dams (including small dams)

Name of Dam	Location	GPS Coordinates	Capacity	High Flood Level	Critical Points, if any	Remarks
There is no dam in District Sahiwal						

Major Embankments/Bunds

Name of Embankment	Length (km)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/Vulnerable Points	GPS Location of Critical/Vulnerable Points	Remarks
J-head Spur Ara Tulla	1.06	Ara Tulla/ Sahiwal	Ara Tulla/ Sahiwal	-	30.67882 73.090275	
J- head Spur Dadra Bala	0.81	Dadra Bala/ Sahiwal	Dadra Bala/Sahiwal		30.68849 72.85840	
Guide spur 1 st Dulla Zareen	0.24	Daula Zareen/ Sahiwal	Daula Zareen/ Sahiwal		30.789301 73.029122	
Guide spur 2 nd Dulla Zareen	0.32	Daula Zareen/ Sahiwal	Daula Zareen/ Sahiwal		30.789481, 73.027295	
Guide spur Kaureshah Zareen	0.58	Kaureshah Zareen/Sahiwal	Kaureshah Zareen/Sahiwal		30.848248, 73.124678	
Guide spur	0.30	NathusWasli/Sahiwal	NathusWasli/Sahiwal		30.783244, 73.016786	
6 No, Solid stone studs	0.18	New Daden Mochiwala/SWL	New Daden Mochiwala/SWL		30.855219, 73.138608	
Gunda Bund	2.06	Aurangabad/Sahiwal	Aurangabad/Sahiwal		30.795110, 73.079325	

Breaching Section

Sr. No.	Name of Protective Band/ Embankment/ Dyke surveyed	Status		Photograph
		Condition of the Embankment/ Band/ Dyke		
		Satisfactory	Un-Satisfactory	
	Dulla Zareen, PS Bahader Shah	--	Un-satisfactory	
	NathuWasli, PS Bahader Shah	Satisfactory	--	
	Pull Qutab Shahana, PS Bahader Shah	Satisfactory	--	
	Thatha Qutab Shahana, PS Bahader Shah	--	Un-satisfactory	
	Koray Shah Zarein, PS Noor Shah	--	Un-satisfactory	
	Dad Baloch, PS Noor Shah	--	Un-satisfactory	
	NooranSanpal, PS Harrapa	--	Un-satisfactory	

Chak Dadra Bala, PS Harrapa	Satisfactory	--	
MuradkyKathiya, PS Harrapa	Satisfactory	--	
Ravi River at Moza Hashim Chakar, PS Kassowal Chichawatni	--	Unsatisfactory	
Aabadi Ameer Pur near Chak No 114/7.R, PS Sadar Chichawatni	--	Unsatisfactory	
18-C/7.R, PS Sadar Chichawatni	--	Unsatisfactory	
Mauza Tararran Wala Thatha, PS Sadar Chichawatni	--	Unsatisfactory	

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

Name	Capacity	GPS Coordinates
Grid station Yousaf wala	500kv	30.669667 73.169625
Coal Fired power project Qadirabad.	1320	30.713807, 73.238196

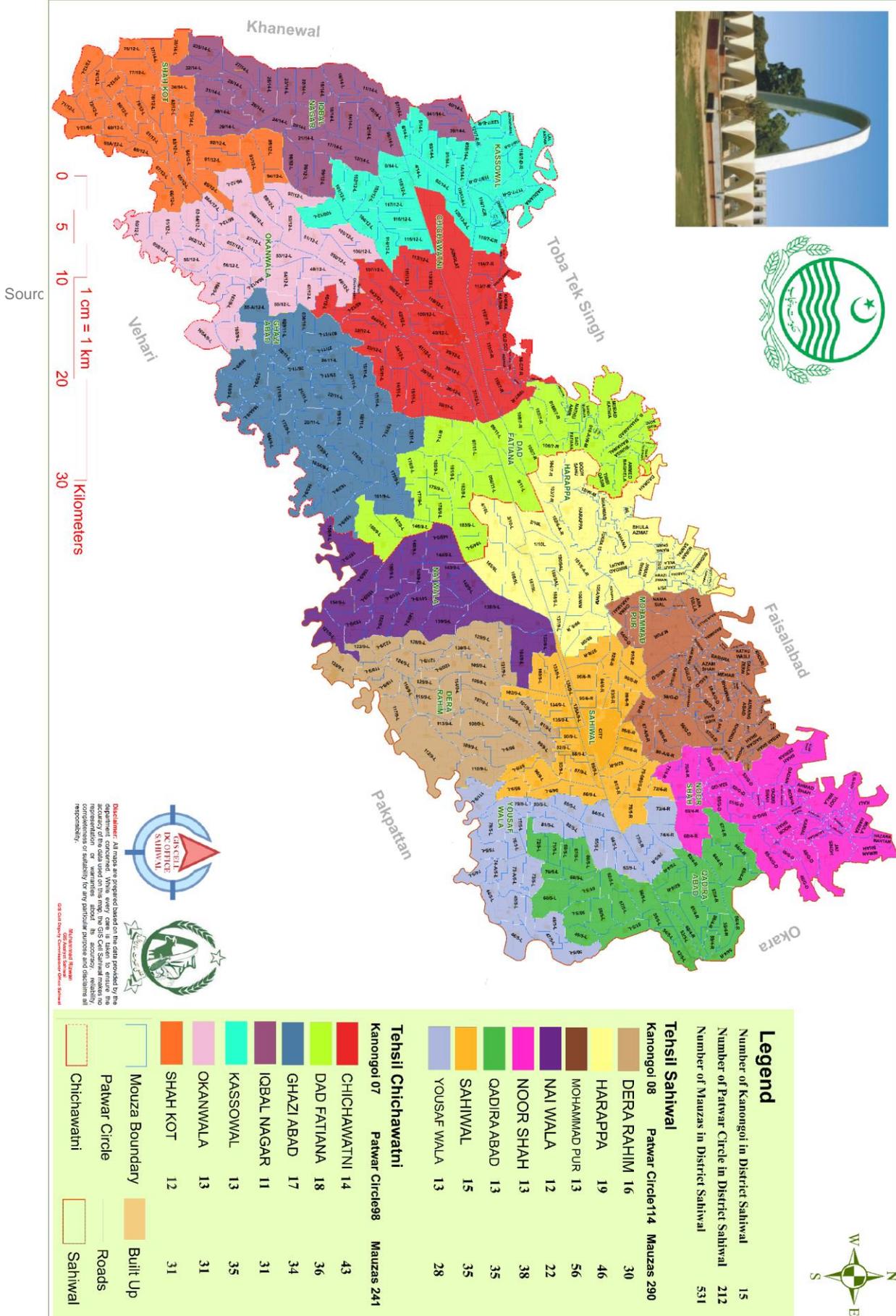
Airport / Landing Strips

Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
No Airport in District Sahiwal					

Govt. storage facilities/warehouses in the district

Facility Type	Capacity	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
No Govt. storage facilities/warehouses in the districtSahiwal					

District baseline/reference map



COORDINATION MECHANISM

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

Military Assistance is solicited formerly through the Home Department according to the required emergencies. Experience reveals that the Military is requested to come in aid of civil administration during elections and Muharram Ahuras. During the election, each of the polling stations is provided with military personnel to ensure the security of polling material and election staff. Quick Reaction Forces (QRF) are formed to respond to any untoward situation and mini-headquarters are established in central locations. Logistics like POL, fire word, vehicles, and telecommunication along with boarding & lodging are provided to the military contingents. During Muharram, the military is usually kept at certain vulnerable points and called into the field only if some untoward incident takes place. However, no such untoward incidents have so far been reported in the past few years in Sahiwal.

District Flood Controls has been established in the office of Deputy Commissioner, Sahiwal with telephone No. 040-9200069, it remains operational round the clock and one official Naib Qasid remains present round the clock. All flood situation reports are received in this control room and conveyed to the concerned. Assistant Commissioner / Sub Divisional Control Officer. The daily situation reports are exchanged on the telephone and incase of emergency police wireless system is also used.

1.1 FLOOD WARNING SYSTEM:.

Sr. #	Flood Warning Center	Source of Information
1	District Flood Control Room ADC Office Sahiwal 040-9200078	1. Met Dept. Lahore (042-99200139) 2. Divisional Irrigation office at 040-9200222 3. Police Wireless Control (040-9200287) 4. Sector Incharge 5. Patwaris 6. General Public
2	Divisional Irrigation Office Sahiwal 1. Sheikh Nawaz SE LBDC Circle 0345-4667777 040-9200222	1. Dula Zareen Sector (Abbas Ali Naseem , XEN, 0301.6902928) 2. Dadrabala Sector (Mazhar Rasool, SDO, 0300-6869606)

Military Assistance Overview



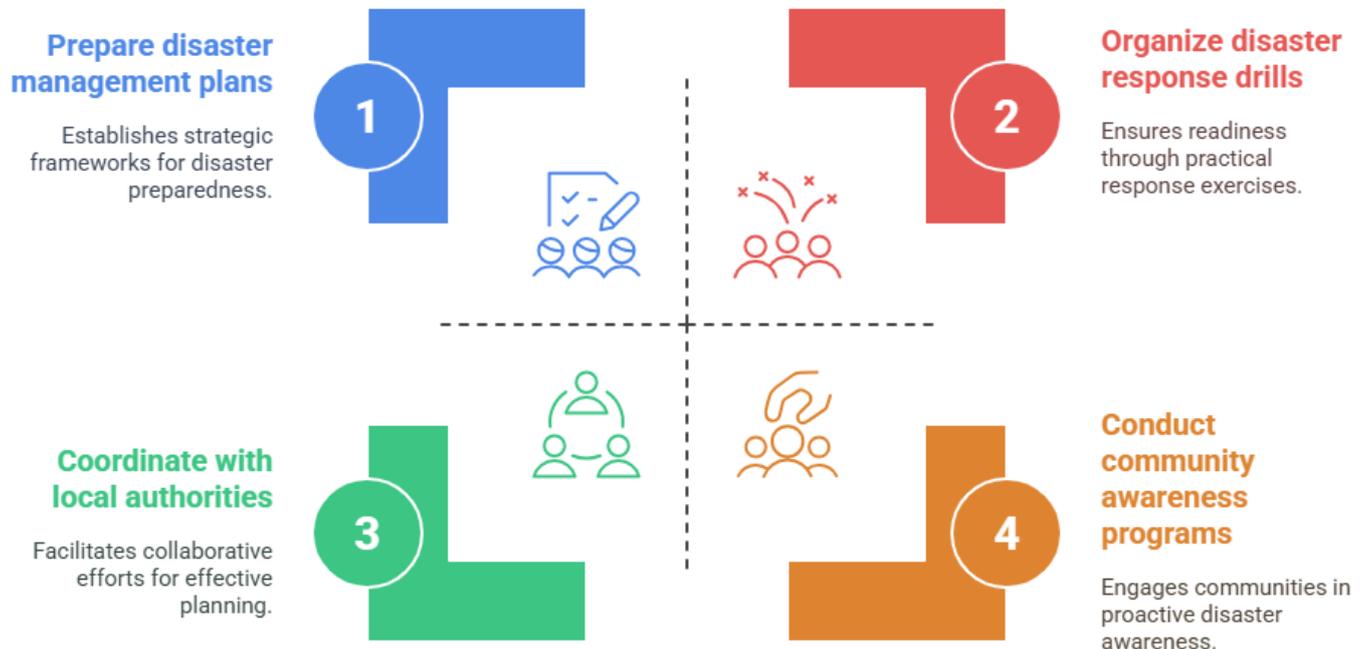
Powers and functions of the District Disaster Management Authority under the NDMA Act 2010:

The District Authority shall be 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 a 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 the preparation of disaster management plans by the departments of the Government at the district 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 programs for different levels of officers, employees, and voluntary rescue workers in the district;
- j) facilitate community training and awareness programmes for the 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 Disaster Management Authority Functions

**District Plan:**

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

Additional Powers of District Authority:

To assist, protect or provide 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 an 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 that may be hazardous to the 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/DC should ensure that the following measures and steps have been taken:

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, EDOs, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of causalities, 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 the entire District (Preparation of Village level information by Patwari)
- Identification of 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 flood-prone areas
- List of Numberdars with their contacts, volunteers from low-lying settlements with contact numbers
- Prepare a list of vulnerable villages and make an estimate of the likely affected population in such villages in the event of a 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 a survey of entire flood-affected areas to assess losses in collaboration with the Agriculture, Livestock, and Education Department
- Conduct crop-damaged/house-damaged surveys

Metropolitan / Municipal Corporations**Municipal / Town Committees**

- Local Bodies play an important role in providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks removal of encroachment, etc.
- Local Bodies will provide assistance to the District Administration for setting up and management of relief camps/ operations.
- Local Bodies are responsible for the provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rainwater/sewerage.
- Local Bodies are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders, and dump trucks. All of this equipment is utilized to restore proper sanitary facilities, ensure the delivery of clean water, and remove debris or excess water.
- Local Bodies sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- Local Bodies employ de-watering sets to remove excess water. All Local Bodies are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Local Bodies maintain a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Local Bodies should ensure the 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 Local Bodies under the concerned Administrator Commissioner / DC/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the Local Bodies 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)

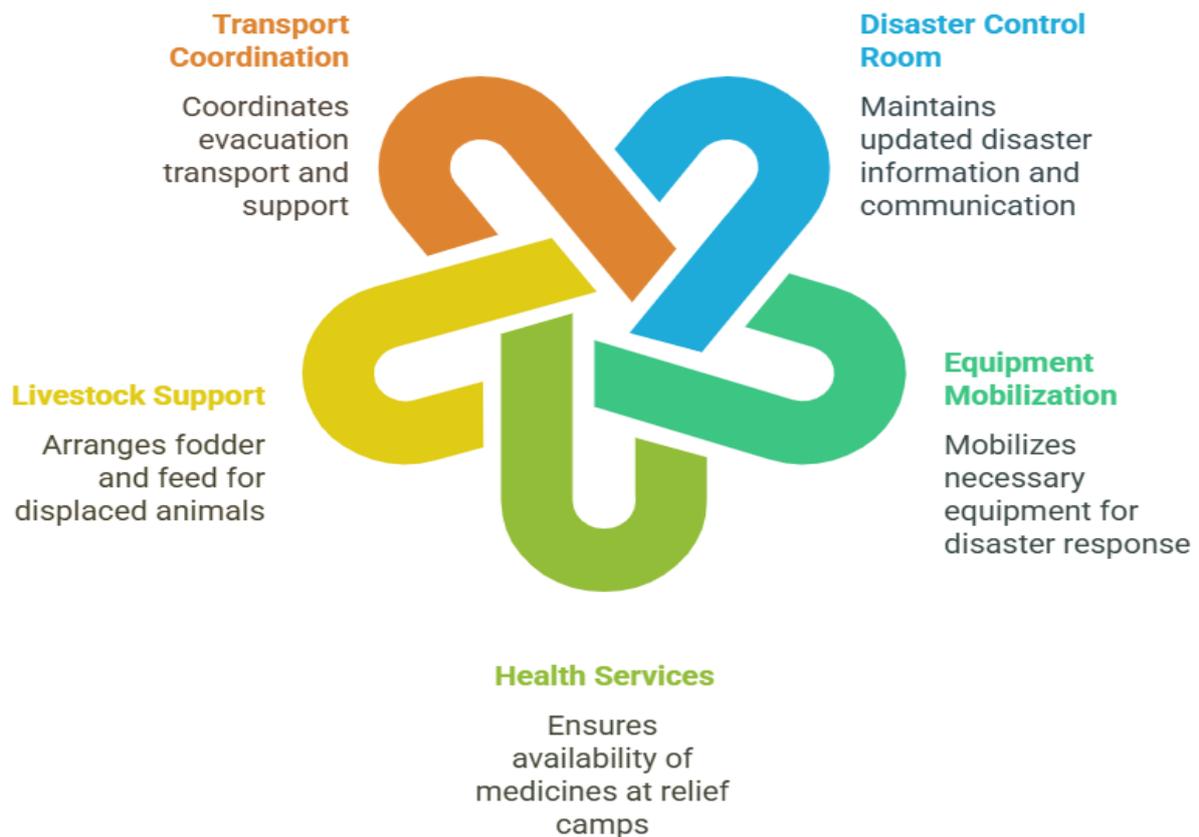
- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties, and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within 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, Local Bodies 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 especially 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 or her tehsil. All disaster-related activities in said tehsil will be coordinated through the concerned AC and the Local Bodies.
- 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 councilors to make announcements, etc.
- The tactical operations would be headed by the Additional District Collector (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 the whole of the province:
 - i. **Deputy Commissioner (Chairperson)**
 - ii. District Police Officer
 - iii. Additional Deputy Commissioner (Rev)
 - iv. Two Elected Representatives to be nominated by the Chair
 - v. Representative of the Pak Army
 - vi. Two Representatives of NGOs/Civil Society to be nominated by the Chair
 - vii. Additional Deputy Commissioner (General)
 - viii. Additional Deputy Commissioner (F&P)
 - ix. XEN Buildings
 - x. XEN Highways
 - xi. Chief Executive Officer (DHA)
 - xii. Chief Executive Officer (DEA)
 - xiii. SP Special Branch
 - xiv. XEN Irrigation / Public Health
 - xv. District officer Civil Defense
 - xvi. Administrators of Tehsil Councils / Municipal Corporations
 - xvii. All Chief Officers of Local Bodies in the District
 - xviii. District Emergency Officer, Rescue 1122 (Secretary)
 - xix. Representative of Red Crescent
 - xx. Such other District level Officers to be appointed by District Administration
- District Administrations must establish a Disaster / Flood control room at the DC's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post-disaster. The center will maintain regular communication with the Flood Forecasting Division or the dam authorities upstream in case of a flood.
- The District Administration would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Administrations will provide a comprehensive list of flood-fighting equipment to PDMA as part of their flood contingency plans.
- The Executive District Officer (Health) will ensure the availability of adequate medicines for the treatment of common issues, particularly for snake and dog bite cases, and general vaccines at each relief camp.

- DO (Agriculture) and DO Livestock would arrange fodder and feed supplements for livestock and animals displaced.
- District Regional Transport Authorities (DRTA) in all 36 districts of Punjab are managed by Secretaries who coordinate with local transporters to arrange for transport required for the evacuation of people from affected areas. In case of a shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

Comprehensive Disaster Management Strategy



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.

DDMA Pre-Disaster Checklist Sequence

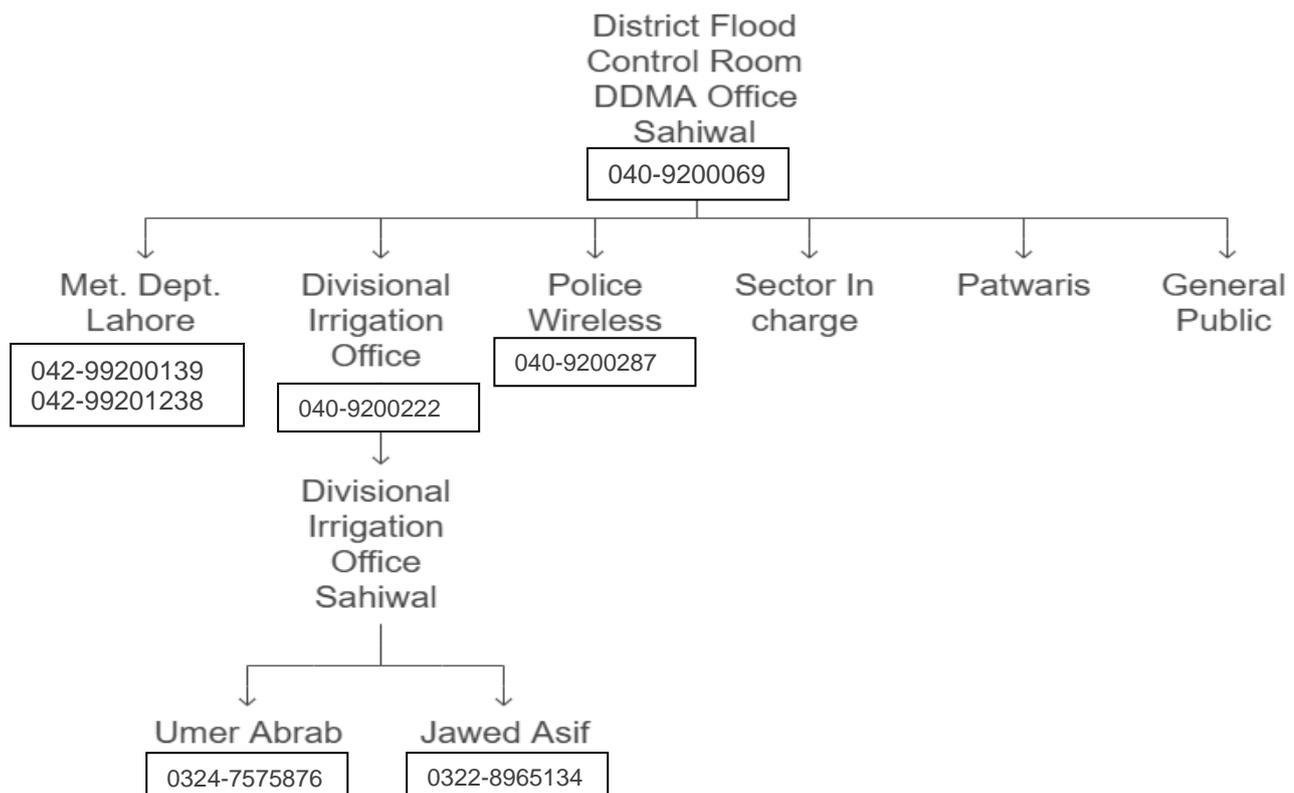


Disaster Emergency Control Room (functions and responsibilities)

The District Flood Control Room has been established at the Office of the Deputy Commissioner, Sahiwal, and operates 24/7, with a dedicated contact number: 040-9200069. A designated team is on duty around the clock to ensure continuous operations.

All flood situation reports are received in this control room and promptly communicated to the relevant Assistant Commissioner and Sub-Divisional Control Officer. Daily situation updates are shared via telephone, and in case of emergencies, the police wireless system is also utilized for rapid communication.

Flood Warning Information Flow



Checklist for Control Room:

- ✓ Dedicated Staff as per the magnitude of the disaster
- ✓ Duty roster 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 the Centre charge
- ✓ Each shift in charge is to contact the District Control Room on arrival and then on departure
- ✓ In-charge will keep close liaison with the SHO of the respective area
- ✓ No of those affected in the camp (sick, aged, and children) shall be communicated daily
- ✓ The availability of at least one emergency vehicle at the center be ensured
- ✓ Keep a record of private boat owners and their contact details
- ✓ List of Doctors and private hospitals in the vicinity
- ✓ List and contact philanthropists in the vicinity
- ✓ Keep a record of donations coming directly to the Centre and report them to the Tehsil and District in charge.
- ✓ The centre in Incharge shall ensure the vaccination of animals and humans against Communicable diseases
- ✓ A list of missing persons must be displayed at all Relief Camps

Comprehensive Relief Camp Management



Role of Health Department

The public sector health delivery system comprises 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 and RHCs. THQs and DHQs provide inpatient and outpatient care. Tertiary care hospitals are 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.
- The 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 and 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 the 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
- The health department would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillance 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

Military Assistance is solicited formerly through the Home Department according to the required emergencies. Experience reveals that the Military is requested to come in aid of civil administration during elections and Muharram Ahuras. During the election, each of the polling stations is provided with military personnel to ensure the security of polling material and election staff. A quick Re-action Force (QRF) is formed to respond to any untoward situation and mini-headquarters are established in central locations. Logistics like POL, fire word, vehicles, telecommunication boarding & lodging are provided to the military contingents. During Muharram, the military is usually kept at certain vulnerable points and called into the field only if some untoward incident takes place.

However, no such untoward incidents have so far been reported in the past few years in Sahiwal.

Volunteer Network

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

According to the list of NGOs working under social welfare in the district and philanthropists, the/volunteers help the district Govt. and relevant departments play their own role in any emergency but due to their limited resources, they need. Community assistance In this way NGOs /philanthropists/volunteers mobilize the community resources and develop relief centers to collect relief items as per need and deliver/supply where needed.

Community-Driven Emergency Response



RISK ANALYSIS

1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	3	3	9
Urban Flooding	2	3	6
Flash Floods	1	1	1
Hill Torrent	0	0	0
Glacial Lake Outburst Flood (GLOF)	0	0	0
Landslide	0	0	0
Tornado	0	0	0
Earthquake	2	1	2
Drought	0	0	0
Epidemic	2	1	2
Fire Incidents	3	2	6
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	3	3	9
Environmental Hazards (industrial accidents, severe pollution etc.)	3	3	9

Risk = Impact x Likelihood

Low: 1-7

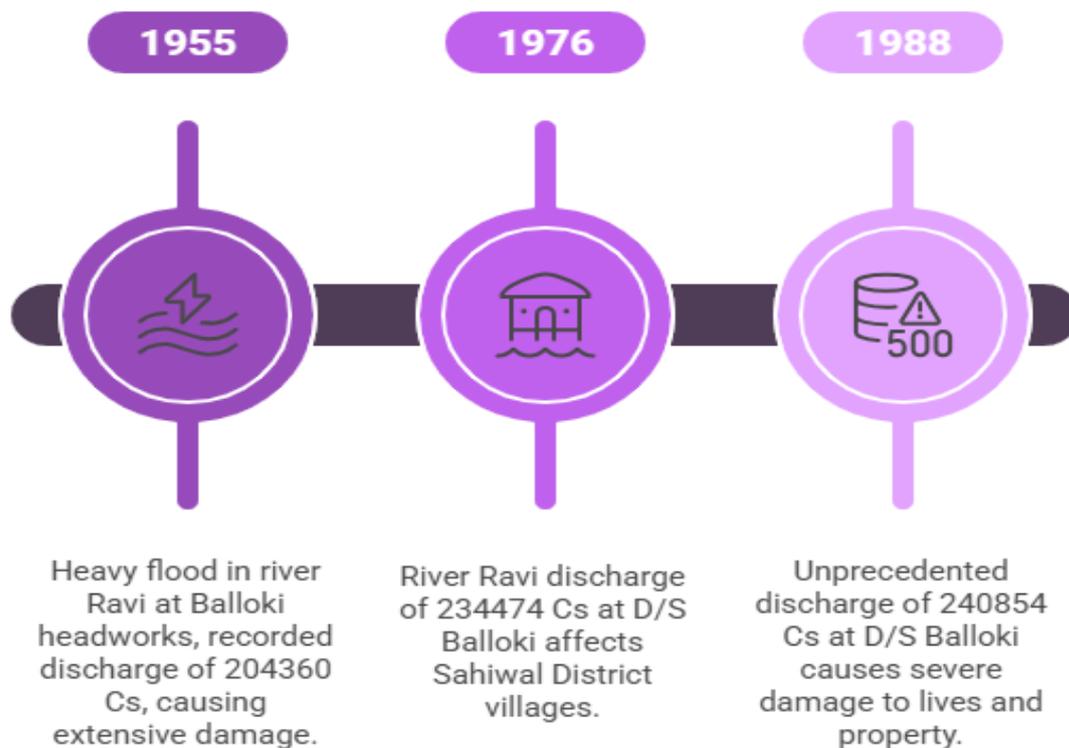
Medium: 8-14

High: 15-25

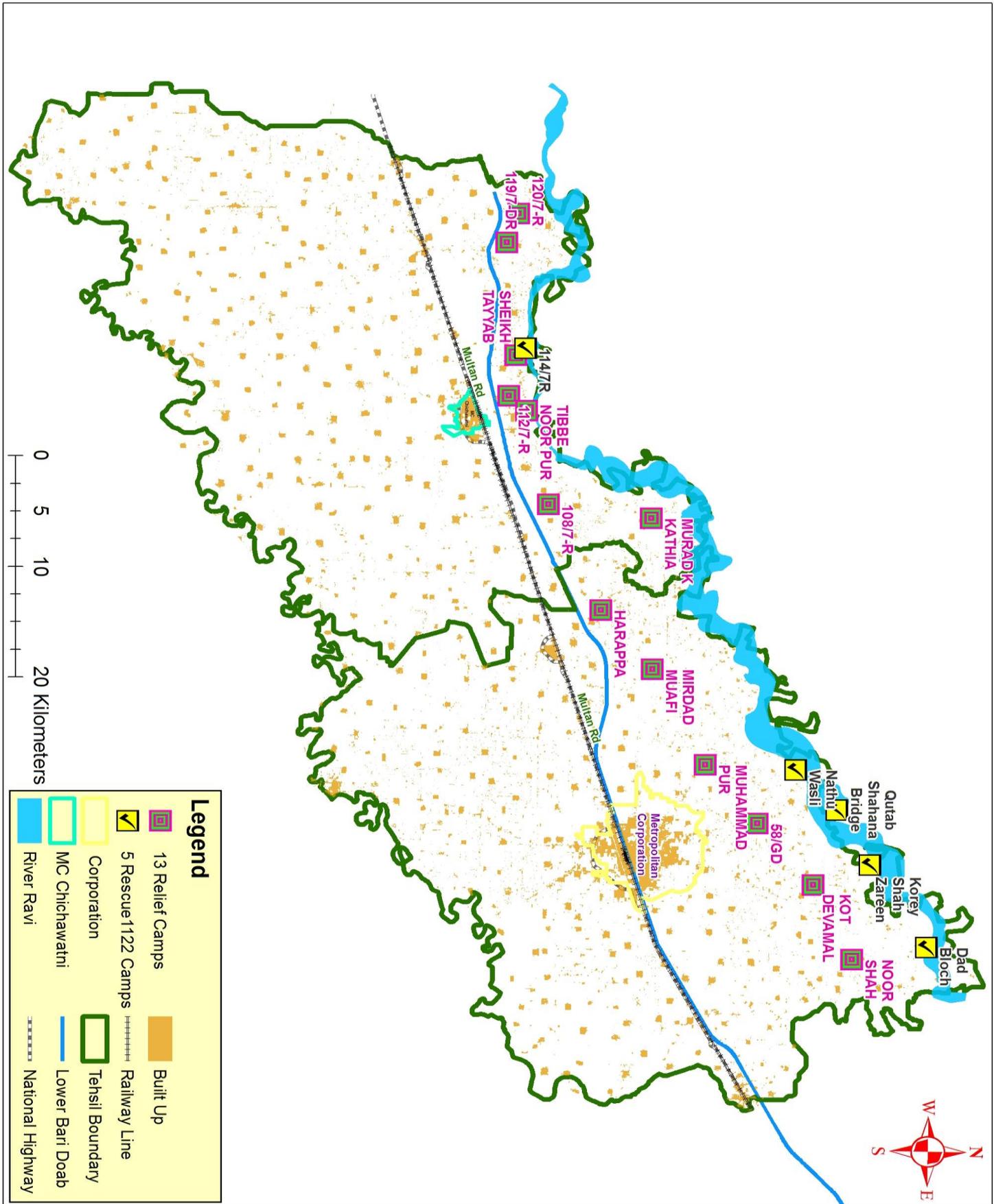
2. Hazards

- Disasters occurred over the past two to three decades and their impact on communities and development sectors
- Provide a brief description of the hazards being planned for (medium and high risks), including potential locations that could be affected;
- Briefly outline the triggers
- The river reach of Sahiwal Canal Division LBD Sahiwal starts from Mari-Pattan to Chichwatni Bridge. Flood damages in this area have an old history that started from the year 1955. During the year 1955, a heavy flood in the river Ravi at Balloki headworks was recorded as 204360 Cs. A huge area and Government infrastructure, e. Schools, Dispensaries, pucca roads, etc, were damaged in Sahiwal and Chichawatni Tehsil.
- Similarly, in 1976, the river Ravi, with its discharge of 234474 Cs at D/S Balloki, badly affected various villages in the Sahiwal District. Again in 1988, an unprecedented discharge of about 240854 Cs in river Ravi at D/S Balloki Head Works caused heavy damage to human and animal lives, crops, and houses. the following villages in Tehsil Sahiwal are also affected due to past flood events.
- Dad Baloch, Aram Baloch, Shahmand Baloch, Mullah Hamza Dadan, Machiwala, Kaureshah Zareen, Dulla Zareen, and NathuWasli.

Historical Flood Impacts in Sahiwal Canal Division



District detail map with vulnerable points including (Rivers, Nullahs, Hill Torrents, Wheat Gowdowns, hazards, planned camps, health facilities, warehouses), etc.



3. Response & Operational Capacity

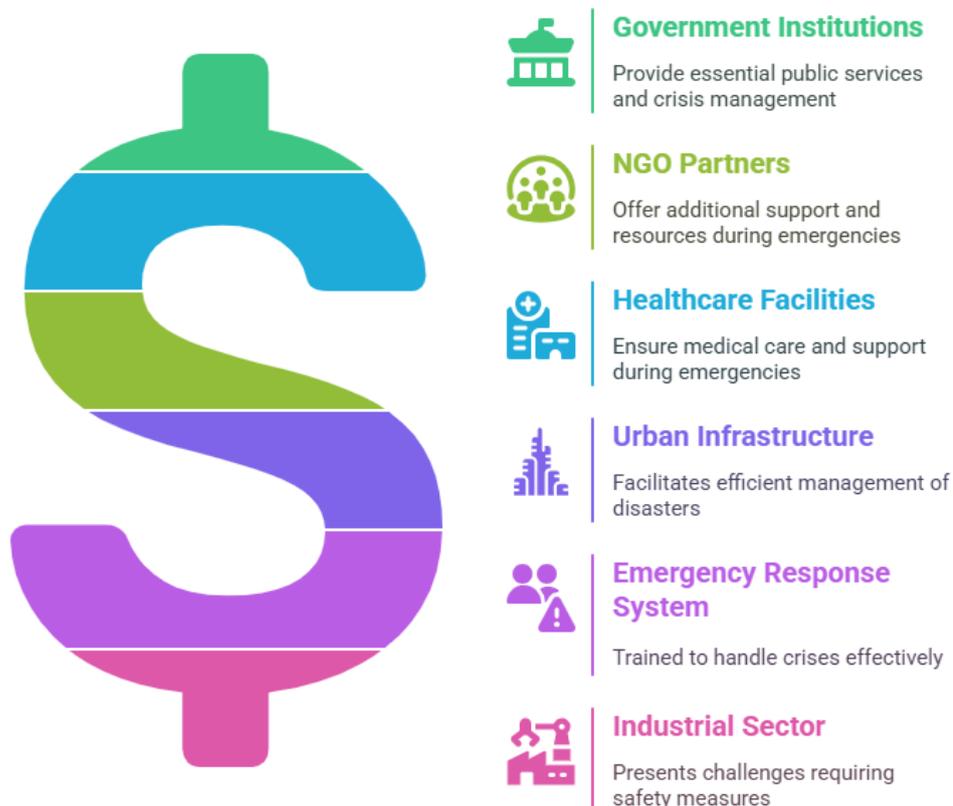
Briefly describe the existing response capacities in the District (including government and NGO partners)

District Sahiwal has a well-established response capacity, supported by both government institutions and NGO partners. The district is equipped with two major public hospitals and multiple private healthcare facilities at its headquarters, ensuring adequate medical support during emergencies.

The urban infrastructure is well-planned and spacious, enabling efficient management of both natural disasters and potential human-induced incidents. The district's emergency response system is well-equipped and trained to handle crises promptly and effectively. Regular simulation exercises are conducted to enhance preparedness and maintain response efficiency.

While the growing industrial sector presents emerging challenges to the city's peaceful environment, the district administration, in coordination with law enforcement and intelligence agencies, is actively implementing safety measures to mitigate potential risks.

Sahiwal's Comprehensive Response Framework



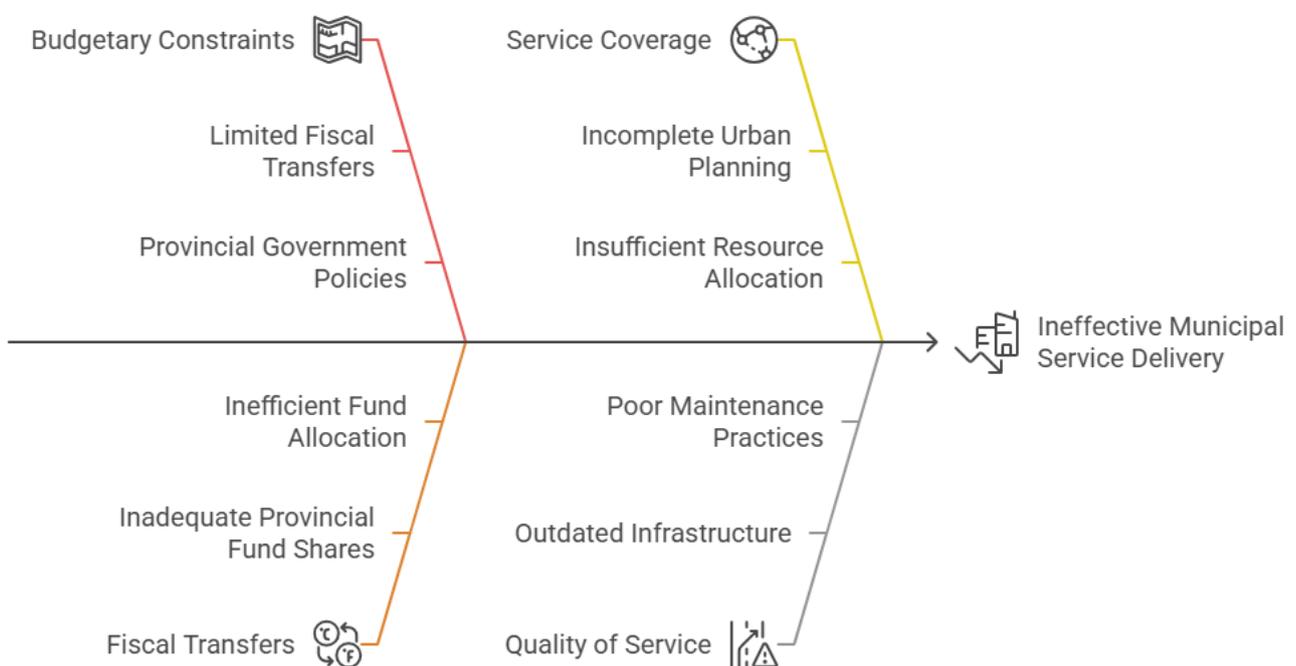
4. Strategic Reserves

Items	Available	Functional	Non-Functional	Extra Demand
Boats	11	7	4	04
Inflatable boat	3	1	2	02
OBM	14	13	1	01
De-watering sets	06	06	0	
Navigators	0	0	0	
GIS devices	0	0	0	
Life Jackets	120	120	0	100
Life bouys	140	140	0	
Life ring	45	45	0	
Scuba diving suit with complete accessories	8	5	3	
Safety Harnesses	8	8	0	100
Ambulances	15	15	0	100
Fire Brigade	04	04	0	
Water Tanks / Bouzers	1	1	0	
Extendable Ladders	0	0	0	
Hydraulic Cutter	1	1	0	
Sonar Rader	0	0	0	
Jumping Sheet	0	0	0	
Dumpers	0	0	0	
Excavators	0	0	0	
Cranes	0	0	0	02
Bulldozer	0	0	0	
Boat Carrier/Trolleys	2	2	0	
Pickups/Jeeps/4x4 vehicles/Mini Trucks	0	0	0	
Searchlight	02	02	0	
Tent	241	241	0	02
Mosquito Net	28	28	0	
Plastic Mat	0	0	0	50
Blanket	0	0	0	50
Any other main relief/rescue equipment	0	0	0	100
Generator Sets	02	02	0	100
Gas-Cutters	0	0	0	100
Scuba Diving Set	04	04	0	
Navigator/GPS Tracker	0	0	0	01
Floating Rope	03	03	0	

5.Gaps and Constraints

- Briefly outline the capacity gaps in the provision of rescue and response;
- Describe major obstacles to providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)
- One of the outputs of the PCIIP was to develop a profile for each of the program cities that provided a detailed existing situation identifying gaps, wherever possible. The profile was to focus on providing sectoral information services of Water, Sanitation, Solid Waste Management and Urban Transport for the City.
- Due to budgetary constraints the coverage and quality of municipal service delivery is affected. The major source of receipts of the municipalities is the fiscal transfers from the provincial government of their share in the provincial consolidated fund based on the PFC Award announced by the Provincial Finance Commission.

Analyzing Municipal Service Delivery Challenges



MITIGATION STRATEGY

- ✓ Briefly describe what measures 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"> ✓ Mock exercises regarding flood are conducted with all departments in the District. ✓ Medical camps may be established in flood-affected areas. ✓ Public awareness campaign for timely evacuation from flood-affected areas. <p>Ensure coordination with all departments for timely response in flood-prone areas.</p>	<ul style="list-style-type: none"> ✓ Irrigation, ✓ Rescue 1122, ✓ Health <p>Department TMA, Revenue Department, Live Stock Department</p>
Urban Flooding	The wastewater disposal stations are in bad shape because of our dated and workout structure. The sewerage pipeline is also old and works out. The same is meant to catch the rainwater as well. Hence, poses a great threat to urban flooding in rainy seasons especially when power failures occur. However, a 500mm package of ADB under intermediate cities improvement programmed initiated by LG &CDD is likely to give the underground city a new look and shed all the fears of likely urban flooding during rainy seasons as well as its overall outlook within the next couple of years.	
Flash Floods	NILL	NILL
Hill Torrent	NILL	NILL
Glacial Lake Outburst Flood (GLOF)	NILL	NILL
Landslide	NILL	NILL

Tornado	NILL	NILL
Earthquake	NILL	NILL
Drought	NILL	NILL
Epidemic	NILL	NILL
Fire Incidents	Small fire incidents become of shot permits and decanting of liquified petroleum gases do assure of and on in the city but Fire service both TMA and Rescue 1122 is equipped enough to respond to any such situation.	Rescue 1122, Fire Brigade, TMA
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<p>Ensure to prevent one-wheeling</p> <p>ensure to prevent high speed and overloading</p> <p>ensure to use helmets</p> <p>ensure to use of safety belts</p> <p>ensure to use reflectors behind trolley and rickshaws</p> <p>ensure the demolition of old and dangerous buildings</p> <p>ensure safety protocol to be followed in high-rise buildings</p> <p>an evacuation plan must be ensured</p> <p>enter & existing points must be declared</p> <p>industries should not be situated in residential areas</p> <p>ensure to conduct evacuating drills in all schools, colleges, universities and industries.</p>	Rescue 1122, Health Department, Moter Way Police, TMA, Traffic Police.

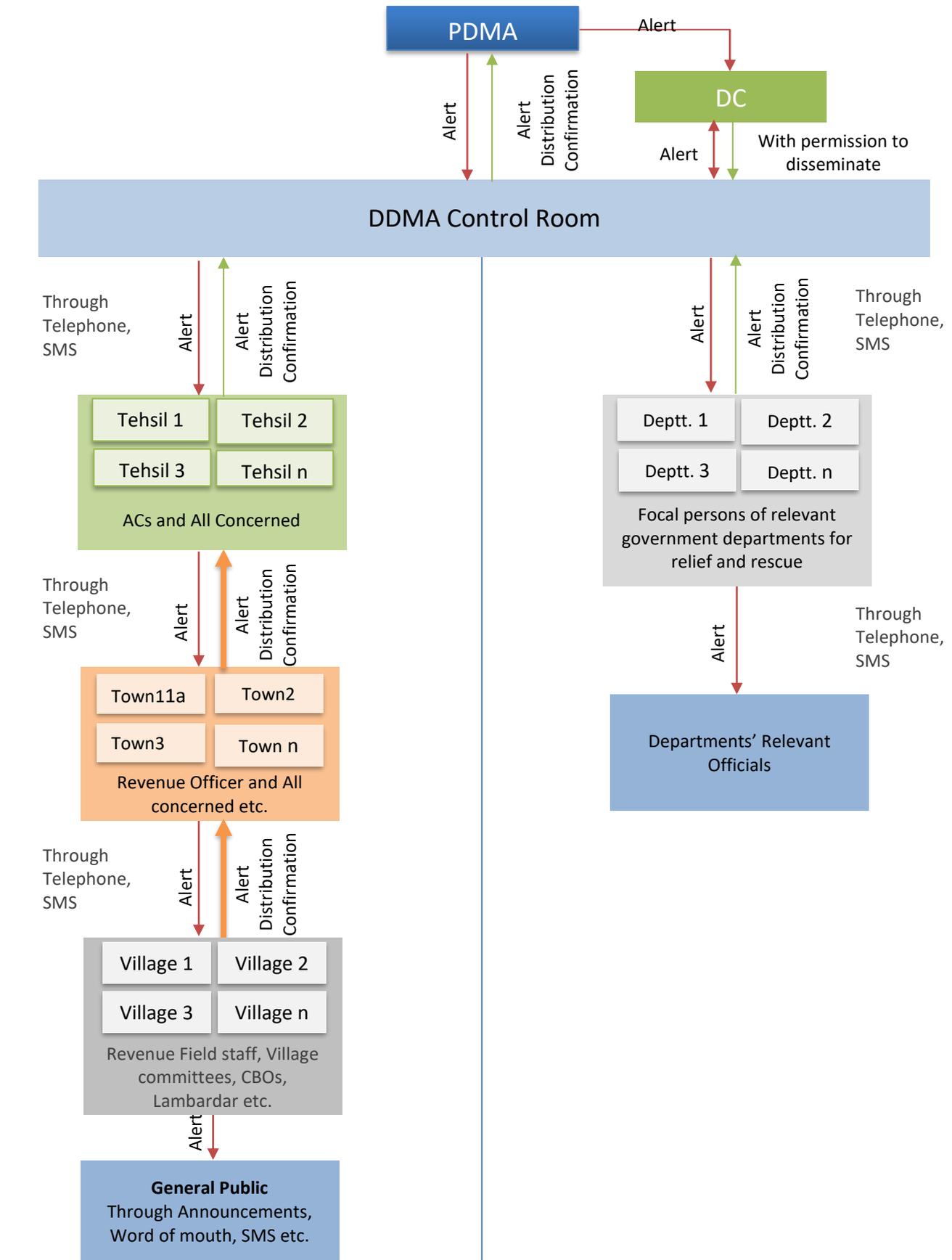
<p>Environmental Hazards (industrial accidents, severe pollution etc.)</p>	<p>NILL</p>	<p>NILL</p>
--	-------------	-------------

Comprehensive Safety and Emergency Mitigation Strategies



EARLY WARNING

Information Flow Diagram



Alertness Levels

The following four levels of alertness have been established:

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

Early Warning

Briefly describe how the early warning will be received at the provincial level.

Who is the focal person at the district level?

Functions of District/Tehsil Emergency Control Rooms in early warning

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

How will the early warning be communicated to the relevant population? For example, through Patwaris, SMS, Announcements, Media, etc.

Early Warning

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

Who is the focal person at district level?

Functions of District/Tehsil Emergency Control Rooms in early warning

How the early warning will be communicated to relevant departments for different disasters?

What actions each relevant department should take after receiving the early warning e.g., evacuation.

How will the early warning be communicated to the relevant population? For example, through Patwaris, SMS, Announcements, Media, etc.

A District Control Room is established at the start of each flood season or as soon as any severe weather/ disaster alert is generated from the Provincial Headquarter (met office or PDMA). Similarly, control rooms at each Tehsil headquarter is compulsorily established under the direct supervision of each Assistant Commissioner. Each District department especially police and Rescue 1122, also established their separate control rooms. The District Control Room is directly monitored by the Deputy Commissioner or his nominee (ADC or DOC etc).

As soon as some alert situation is initiated the lower revenue formations i.e. up to Patwaris are intimated and directed to respond immediately through landline and cellular networks e.g. evacuation of population of any target area. Safe havens are already identified to move the target population thereto e.g. schools etc. Camps of all emergency services departments are also established therein as required by the magnitude of the emergency situation.

RESCUE STRATEGY

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

1. As an immediate action, information is to be disseminated to the target area/population through announcements on local speakers and drum beats by the lower revenue field staff.

2. Rescue 1122 responds to any emergency situation in minimum possible time and other departments like Health and Civil Défense follow suit. District administration is always alert to make up the deficiencies and fill up the gaps by mobilizing communities through NGOs and its own revenue field formations.

3. Pakistan Army is usually kept on call and invited only when the situation is out of control of the Civil Administration. In Sahiwal, usually two companies of Army are deployed during elections or Muharram processions.

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

The damage and loss data is collected by registration of affectees of any disaster either in the relief camps established for the displaced people through revenue/ agriculture field formations in case of damage to life or property/crops etc in case of earth quakes, floods etc. Usually, a third-party validation is done to authenticate the validity of data either by outsourcing the task to some well renowned national/international firm or a neutral team

from some neighbouring district is detailed to conduct the data validation by field visits of the actual disaster-stricken area.

usually, the relief activities are designed and provided as per UN standards regarding food, health, shelter etc which are constantly monitored by PDMA onmitoxs and even independent NGOs, working in aid of the government.

Sr. #	Sector	Name of Flood Relief Center / Camp	Name of Officer / Official along with Cell No.	Designation
1	Noor Shah	Govt. High School Noor Shah	Rana Muhammad Hayat 0301-7671836	Revenue Officer
			Ghulam Mustafa 0300-4639993	Kanoongo
			Muhammad Safdar 0343-4456326	Patwari
2	Muhammad Pur	Govt. High School, Muhammad Pur	Riaz Hussain 0300-9693926	Revenue Officer
			Muzammil Hussain Shah 0301-6908704	Kanoongo
			Muhammad Ilyas 0300-6902243	Patwari
3		Govt. High School, 58/GD	Raiz Hussain 0300-9693926	Tehsildar
			Muzammil Hussain Shah 0301-6908704	Kanoongo
			Muhammad Kamran 0346-4046083	Patwari
4	Harappa	Govt. High School, Harappa	Rana Muhammad Hayat 0301-7671836	Revenue Officer
			Muhammad Bashir 0302-6900787	Kanoongo
			Sajjad Ahmad 0301-7890934	Patwari
5		Govt. High School, Meer Dad Mafi	Rana Muhammad Hayat 0301-7671836	Revenue Officer
			Muhammad Bashir 0302-6900787	Kanoongo
			Hussnain Abbas 0303-4510414	Patwari

RESCUE STRATEGY

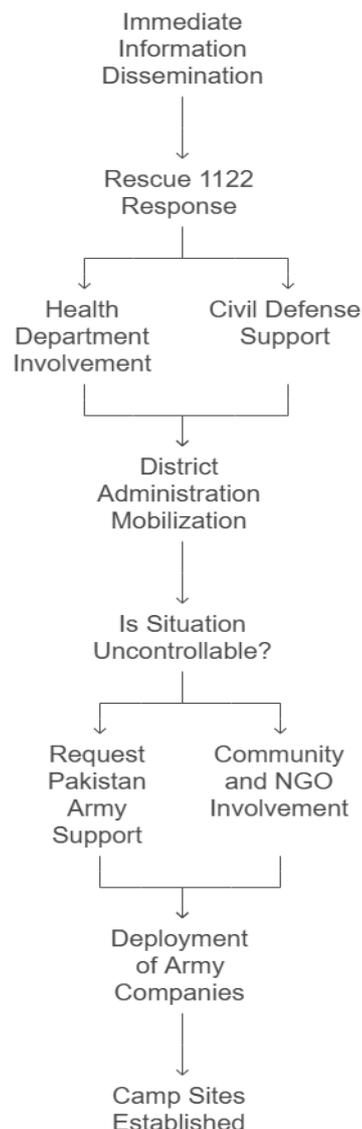
- *What actions will be taken as an immediate response to the situation? E.g., Evacuation, medical assistance*
- *Who does what and when? Responsible departments/agencies*
- *How and when the Pakistan Army should be requested to support the rescue activities*
- *Camp sites identified? List in Annex I*

1. As an immediate action, information is to be disseminated to the target area/population through announcements on local speakers and drum beats by the lower revenue field staff.

2. Rescue 1122 responds to any emergency situation in the minimum possible time, and other departments like Health and Civil Défense follow suit. District administration is always alert to make up the deficiencies and fill up the gaps by mobilizing communities through NGOs and its own revenue field formations.

3. The Pakistan Army is usually kept on call and invited only when the situation is out of control of the Civil Administration. In Sahiwal, usually two companies of the Army are deployed during elections or Muharram processions.

Rescue Strategy Flowchart



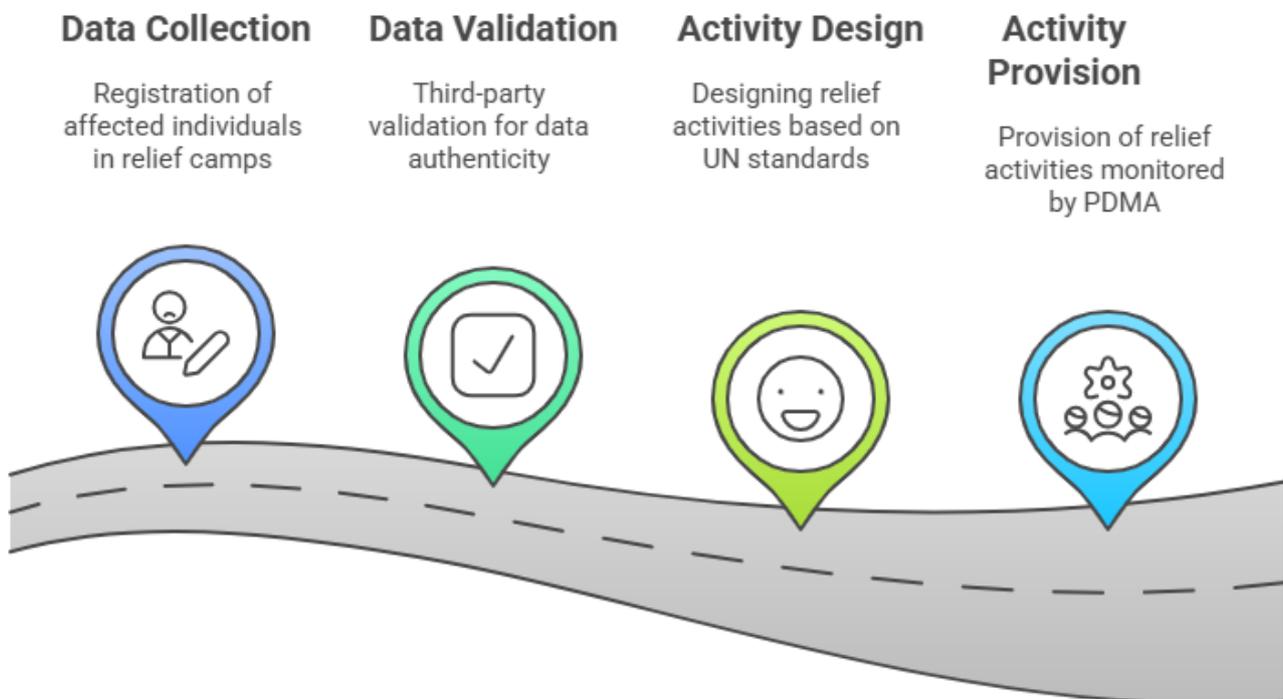
HUMANITARIAN ASSISTANCE

- How will damage and loss data be collected and communicated to a higher level?
- How will the priority needs (e.g., food, shelter, health, etc.) 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 will be addressed or mainstreamed into the humanitarian assistance strategy

The damage and loss data is collected by registration of affectees of any disaster either in the relief camps established for the displaced people through revenue/ agriculture field formations in case of damage to life or property/crops etc in case of earthquakes, floods, etc. Usually, a third-party validation is done to authenticate the validity of data either by outsourcing the task to some well-renowned national/international firm or a neutral team from some neighbouring district that is detailed to conduct the data validation by field visits of the actual disaster-stricken area.

Usually, the relief activities are designed and provided as per UN standards regarding food, health, shelter etc, which are constantly monitored by PDMA onmitoxs and even independent NGOs working in aid of the government.

Humanitarian Assistance Process



ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

Sr. No.	Location	No. Person who can be accommodated	GPS Coordinates
1	GHSS 58-A/GD	1100	30.7551400003, 73.0715300001
2	GHSS Noor Shah	1000	30.8294000003, 73.1985900001
3	GGHSS Noor Shah	1000	30.82595, 73.1956400001
4	GHS 56/GD	700	30.7743100002, 73.1295100003
5	GGHS 65-A/GD	500	30.80551409, 73.22005287
6	GHS Mouza Bashera	400	30.7664300002, 73.0197599996
7	GHS Muhammad Pur	500	30.71419, 73.0169600002
8	GHS MirDadMuafi	700	30.67198232, 72.92784405
9	GHS CCI	1200	30.53644, 72.6990599996
10	GHS MC CCI	1000	30.52954, 72.69484
11	GGHS Shampura cci	500	30.5392399998, 72.6905900003
12	GGHS 112/7-R	300	30.5576599999, 72.67244
13	GGHS Old CCI	400	30.5675699997, 72.6858900004
14	GHS 108/7-R	400	30.5893099996, 72.7884399997
15	GHS Dadra Bala	500	30.68730158, 72.85885044
16	GPS Tibi jai Sing	87	30.8787799999, 73.2129300001
17	GES karyal	116	30.8390399998, 73.2026699999
18	GPS Rang Shah	20	30.7248999997, 72.9107600004
19	GPS Mouza Bhawani	47	30.7838600002, 73.0555299997
20	GPS 108/7-R	80	30.5898099999, 72.7737099997
21	GGPS NAMA SAMORE	230	30.7365300003, 72.9662900002
22	GGPS Nalka Form	80	30.69971438, 72.90875407
23	GGPS Nama Sail	70	30.7137051934984, 72.9632350237553
24	GGPS NOORAN SANPAL	170	30.7310599996, 72.9154700004
25	GGPS Kore shah zeren	180	30.8407599998, 73.1065300003
26	GGPS Mala Thatha	190	30.8448999998, 73.1644
27	GGPS Murada Dulloo	220	30.7508099999, 72.9472200001
28	GGPS DOLA ZAREEN	240	30.7882800002, 73.0271700002
29	GGES QUTAB SHAHANA	210	30.79287, 73.0582499996
30	GGPS Dadan	150	30.8295099999, 73.13237
31	GGPS Dad Baloch	230	30.885586364928, 73.1835903610387
32	GGPS Toot wala	205	30.8662099999, 73.1649599999
33	GGPS NAMA SAMORE	160	30.7365300003, 72.9662900002
34	GGPS RANG SHAH	74	30.7264800002, 72.90536
35	GGPS Kore shah zeren	227	30.84088, 73.1089899999
36	GGPS Murada Dulloo	62	30.7508099999, 72.9472200001
37	GGPS DOLA ZAREEN	82	30.7882800002, 73.0271700002
38	GGES QUTAB SHAHANA	288	30.79287, 73.0582499996
39	GGPS Toot wala	222	30.8622099999, 73.1648800004
40	GGPS Murad k Kathia	136	30.6744200003, 72.7796599999

41	GGPS do charkha kaniya Lal	49	30.5703199997, 72.7003700002
42	GGPS Kot Shah Mohammad	108	30.5672999996, 72.6505899997
43	GGPS Khair K Kahtia	155	30.6744200003, 72.7796599999
44	GGPS Murada K Kathia	136	30.5665300002, 72.57682
45	GGPS Jhalar Deena Tola	64	30.5697299999, 72.5695700001
46	GGPS Dharma	49	30.57099, 72.5479099999
47	GGPS 117/7DR DERA FAREED	124	30.5830300003, 72.5134400003
48	GGPS 118/7DR	131	30.5703199997, 72.7003700002

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

Sr. No.	School Name	Primary/ Elementary	GPS Coordinates	Functional/ Non-Functional	Enrollment	Incharge Name	Contact No.
1	GHS Karam Baloch	High		Functional	239	Ibrar Hussain Anjum	0313-7745665
2	GHS Murad K Kathia	High		Functional	320	Mazhar Farid	0345-7428224
3	GHS Chichawatni Village	High		Functional	554	Abdul Haq	0345-7446746
4	GHS Sheikh Tayyab	High		Functional	661	Irfan Ullah Farooq	0300-6878818
5	GHS 110/7-R	High		Functional	808	Arshid Raof	0301-6900456
6	GGHS 18-B/7-R	High		Functional	324	Ismat Khurshid	0345-7462736
1	GPS Dadra Zareen	Primary		Functional	150	Muhammad Asim	0303-7800835
2	GES Tullah Bullah	Elementary		Functional	176	Mehmood Ahmad	0300-4996127
3	GPS NooranSanpal	Primary		Functional	42	Mehmood Ahmad	0302-5636784
5	GPS 26-1 Tukra	Primary		Functional	153	Farman Ali	0301-6525845
6	GPS Nathu Dad Wasli	Primary		Functional	54	Muhammad Asif Hussain	0336-7671935
7	GPS Kory Shaha Zareen	Primary		Functional	171	Riasat Ali	0300-7319112
8	GPS Qutab Shahana	Primary		Functional	110	Shafqat Ali	0300-7997097
9	GPS Dolla Zareen	Primary		Functional	48	Imran Haider	0300-6990119
10	GPS Dad Baloch	Primary		Functional	115	Abdullah Hassan	0322-4472199
12	GPS Meeran Shah	Primary		Functional	92	Muhammad Yousaf	0345-7429904
13	GPS Raja Dillu	Primary		Functional	129	Zulfiqar Ali	0311-6533087

14	GES Ara Tullah	Elementary		Functional	281	Muhammad Asif Qayyum	0321-6903542
15	GPS Rang Shah	Primary		Functional	135	Muhammad Ramzan	0346-7493820
16	GPS Orangabad	Primary		Functional	157	Haris Saleh	0321-6920429
18	GPS Ahmad Baghela	Primary		Functional	92	Muhammad Altaf	0301-7320530
19	GPS Nathu Meer	Primary		Functional	63	Shahid kathia	0300-1043601
20	GPS Bonga Shahamnd	Primary		Functional	52	Bahadr Ali	0307-4866210
21	GPS Chak Bandi Barkha	Primary		Functional	48	Bahawal Sher	0347-6737618
22	GPS Donda Sadrana	Primary		Functional	73	Abdul Qadir	0345-8515940
23	GGPS Murad k Kathia	Primary		Functional	136	Nasreen Mehmood	3467832788
25	GGPS Kot Shah Mohammad	Primary		Functional	108	Sumaira Mehboob	0301-4562102
26	GGPS Jhalar Deena Tola	Primary		Functional	64	Kosar Anjum	0348-6525303
27	GGPS Dharma	Primary		Functional	49	Sidra Nosheen	3154904949
28	GGPS DOLA ZAREEN	Primary		Functional	85	Afshan Ahmef	3057217577
29	GGPS ARA TULLAH	Primary		Functional	160	SAEEDA ALTAF	3043369196
30	GGPS Kore shah	Primary		Functional	107	khursheed Bibi	3026903532
32	GGPS Dadan	Primary		Functional	117	Ambreen Tahira	3250430025
33	GGPS Mala Thatha	Primary		Functional	82	Ghulam Ayesha	3076590517
34	GGPS Murada Dullo	Primary		Functional	62	Wajiha	3347492909
35	GGPS NOORAN SANPAL	Primary		Functional	72	RABIA GULL	3049885514
36	GGPS RANG SHAH	Primary		Functional	74	RABIA GULL	3049885514

ANNEXIII:LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	Tibbi Jay Singh	X: 30.877446 Y: 73.219985	Primary	Dr. Muhammad Ahmad 0300-6909525	Flood
2	BHU Korey Shah Zehren	X:30.84973189 Y: 73.11021	Primary	Dr.Zil e Huma 03041773600	Flood
3	BHU 107/7-R, MURAD K Kathia	30.6121959 72.7733918	Primary	Dr.Zahid Sarfraz 03451166413	Flood
4	BHU 18-A/WM	X:30.65661461 Y:72.80440100	Primary	Dr.Muhammad Usman 0300-4835384	Flood
5	BHU 117/7-DR	X: 30.5850092 Y: 72.5464128	Primary	Dr.Nabeel Ahmad 0333-8496313	Flood

ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

Sr.No	School Name	Primary/ Middle/High	GPS Coordin ate	Functional/ Non Functional	In-charge Name	Contact No.
1	Tanveer Ahmad	CEO (DEA) Sahiwal	040- 9200391	0307- 8887795	edoedusahiwal@gma il.com	0307-8887795
2	Mazhar Farid	DEO (SE) Sahiwal	040- 9200097	0345- 7428224	deosesahiwal@gmail. com	0345-7428224
3	M. Altaf	Dy. DEO (SE/HQ)	040- 9200097	0301- 7320530	deosesahiwal@gmail. com	0301-7320530
4	Abdul Ghafoor	DEO (M-EE)	040- 9200096	0303- 7800835	deomeesahiwal@gma il.com	0303-7800835
5	Aslam Parvez	Dy. DEO (M- EE) Sahiwal	040- 9200097	0300- 4996127	dydeoemswl@gmail .com	0300-4996127
6	Anwar Hussain Shah	DEO (M-EE) Chichawatni	NIL	0302- 5636784	dydeoemcci@gmail. com	0302-5636784
7	Ayesha Iqbal	DEO (W- EE)	040- 9200393	0302- 7255793	DEO(W)SWL@ Gmail. Come	0334-7818534
8	Farman Ali	DY DEO(W- EE) Sahiwal	040- 9200453	0301- 6525845	dydeoeesahiwal@gm ail.com	0301-6525845
9	Asif Hussain	DY DEO(W- EE) CCI	040- 9200415	0336- 7671935	dydeowchichawatni @gmail.com	0336-7671935
10	Riasat Ali	CEO (DEA) Sahiwal	040- 9200391	0300- 7319112	edoedusahiwal@gma il.com	0300-7319112
11	Fiqa Shakeel	DEO (SE) Sahiwal	040- 9200097	0302- 3280404	deosesahiwal@gmail. com	0302-3280404
12	Shafqat Ali	Dy. DEO (SE/HQ)	040- 9200097	0300- 7997097	deosesahiwal@gmail. com	0300-7997097
13	Imran Haider	DEO (M-EE)	040- 9200096	0300- 9690119	deomeesahiwal@gma il.com	0300-9690119

ANNEX V: LIST OF INDUSTRIES WITH THEIR RISK LEVEL

Industries should not be situated in residential areas
Ensure to conduct evacuation drills in all schools, colleges, universities, and industries.

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
	Power Plant			
1.	Huaneng Shandong Ruyi (Pakistan) Energy (Private) Limited (Sahiwal Coal Power Plant)	Chak No. 75/4-R, Main Multan Road, Qadirabad, District Sahiwal	30.714761, 73.238767	0
2.	Saif Power Plant, Sahiwal	Chak No. 56/5-L, Qadirabad, Tehsil & District Sahiwal	30.69720, 73.26235	0
	Cigarette Unit			
3.	Philips Morris	Qadirabad, G. T. Road, Tehsil & District Sahiwal	30.71777, 73.26769	0
	Paper Mills			
4.	Hafiz Paper Mills,	Chak No. 55/5-L, Qadirabad, G. R. Road, Tehsil & District Sahiwal	30.72138, 73.27979	0
5.	Abdullah Paper Mills (Mujahid Paper Mills)	Chak No. 111/9-L, Adda Jahan Khan, 14-Km Pakpattan Road, Tehsil & District Sahiwal	30.56440, 73.17042	0
6.	Rose Paper Mills	Chak No. 77/4-R, Yousaf wala-Noor Shah Road, Tehsil & District Sahiwal	30.70847, 73.19329	0
7.	Baba Farid Paper Mills	Chak No. 78/4-R, Yousaf wala-Noor Shah Road, Tehsil & District Sahiwal	30.70629, 73.19137	0
	Dairy / Food Unit			
8.	M. D. Dairies	Chak No. 71/4-R, Kacha Packa Noor Shah Road, Tehsil & District Sahiwal	30.71792, 73.13666	0
9.	Batala Kisan Industries (Dairy Unit) Pvt. Limited	467/B, Tuffail Shaheed Chowk, G. T. Road, Sahiwal	30.64776, 73.09694	0
10.	Furqan (Havit) Industries (Biscuit, Candies, Bubble Gum, Chocolate & Toffees)	Rasool Pur Colony, Main Road, Sahiwal	30.64198, 73.10273	0
11.	M. A Foods Industries	Chak No. 91/9-L, 03-Km Arif Wala Road, Tehsil & District Sahiwal	30.62206, 73.09385	0
12.	New Friends Dairies	Chak No. 91/9-L, 04-Km Arif Wala Road, Tehsil & District Sahiwal	30.61661, 73.09552	0
13.	Shahzad Dairy Unit	Chak No. 100/9-L, 06-Km Arif Wala Road, Tehsil & District Sahiwal	30.59248, 73.09549	0
14.	Anmol Foods Industries	Chak No. 92/9-L, 03-Km Pakpattan Road Sahiwal	30.6298, 73.11956	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
15.	Din Food	Chak No. 97/9-L, 08-Km Pakpattan Road Sahiwal	30.60143, 73.12853	0
16.	Al-Khalil Dairies	Chak No. 99/9-L, 7-Km Pakpattan Road, Tehsil & District Sahiwal	30.61414, 73.1189	0
17.	Faisal Foods (Sweets Unit)	Mohallah Noor Park, Near Karachi Tyres, G. T. Road, Sahiwal	30.655, 73.12222	0
18.	Ashraf Milk Foods	Chak No. 100/9-L, 10-Km Arifwala Road, Tehsil & District Sahiwal	30.58056, 73.09252	0
19.	Al-Madina Food Industries (Biscuits & Sweets unit)	Chak No. 84/5-L, Near National Grid Station, Main G. T. Road (Lahore Road), Tehsil & District Sahiwal	30.67394, 73.17404	0
20.	Al-Madina Food Industries (Sweets unit)	Plot No. 130-C, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65808, 73.07402	0
21.	Ahmad Food Products (Sweets Unit)	Chak No. 87/9-L, Road Chak No. 93/9-L, Near Anjum Farms, Tehsil & District Sahiwal	30.64176, 73.1368	0
22.	Adam Milk Foods Limited	Chak No. 135/9-L, near Western Bypass Road, Sahiwal, Tehsil & District Sahiwal	30.64225, 73.08021	0
23.	Azeem Foods (Confectionery Unit)	Chak No. 91/9-L, Arifwala Road, Tehsil Chichawatni, District Sahiwal	30.61065, 73.09449	0
24.	Ali Foods (Dairy Unit)	Chak No. 136/9-L, G. T. Road, Tehsil & District Sahiwal	30.63806, 73.04854	0
25.	Sawera Food	Chak No. 135-A/9-L, Mai. G. T. Road, Sahiwal.	30.64474, 73.08152	0
26.	Eden Milk Products Pvt. Limited	Jinnah Town, Harappa Bypass Road, Harappa, Tehsil & District Sahiwal.	30.59451, 72.91902	0
27.	Koh-e-Noor Dairies	Plot No. 162/B, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65569, 73.07567	0
28.	Hanan Iqbal Diary	Plot No. 163-B, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal		0
29.	Khadim Milk Foods	Plot No. 152 & 153, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65686, 73.07594	0
30.	A A Enterprises	Lahore Road, near Sahiwal Bypass Road, Tehsil & District Sahiwal	30.65897, 73.13467	0
31.	A S Food Industries	Gulshan-e-Ali Colony, Sahiwal Bypass Road, Tehsil & District Sahiwal	30.65234, 73.13721	0
32.	Tariq Foods (Salanty Unit)	Chak No. 136/9-L, Multan Road (N-5 Road), Tehsil & District Sahiwal	30.6422, 73.06157	0
	Milk Unit			
33.	Fries Land (Engro Milk Food)	08-Km Pakpattan Road Sahiwal	30.60711, 073.12437	0
	Energy Unit			

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
34.	Scandic Green Energy Pvt. Limited (Biomass Energy)	08-Km Pakpattan Road Sahiwal	30.6056581, 73.1271541	0
	Cotton & Oil Unit			
35.	Allah Ho Akbar Cotton Waste Unit	Chak No. 97/9-L (Bra Wakeel Wala), Pakpattan Road, Tehsil & District Sahiwal	30.60484, 73.12672	0
36.	Allah Ditta Cotton Waste Unit	Chak No. 97/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.60416, 73.12773	0
37.	Punjab Cotton Waste Unit	Chak No. 97/9-L (Bra Wakeel Wala), Pakpattan Road, Tehsil & District Sahiwal	30.60437, 73.12706	0
38.	Hussain Cotton Waste Unit	Chak No. 97/9-L (Bra Wakeel Wala), Pakpattan Road, Tehsil & District Sahiwal	30.60432, 73.12718	0
39.	Jamal Cotton Industries	Chak No. 135/9-L, Near Arifwala Bypass Road, Arif Wala Road, Tehsil & District Sahiwal	30.62839, 73.09446	0
40.	Al-Riaz Oil Mills	Chak No. 107/9-L, 12-Km Arifwala Road, Tehsil & District Sahiwal	30.548104, 73.071373	0
41.	Koh-e-Noor Industries (Cotton Unit)	Chak No. 77/5-R, Yousaf Wala-Noor Shah Road, Tehsil & District Sahiwal	30.704639, 73.193405	0
42.	Koh-e-Noor Industries	Plot No. 160 & 161, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65573, 73.07522	0
43.	Lala Gee Cotton Industries	Chak No. 17/11-L, 08-Km Burewala-Chichawatni Road, Tehsil Chichawatni, District Sahiwal	30.46166, 72.74675	0
44.	Afzal & Company (Allah Tawakkal) Cotton Industries	Chak No. 22/11-L, near Adda Ghazi Abad, Burewala-Chichawatni Road, Tehsil Chichawatni, District Sahiwal	30.42644, 72.7596	0
45.	Rehmania Cotton Factory & Oil Mills	Chak No. 22/11-L, near Adda Ghazi Abad, Burewala-Chichawatni Road, Tehsil Chichawatni, District Sahiwal	30.42976, 72.75992	0
46.	Lasani Model Cotton Industries	Chak No. 38/12-L, Chichawatni to 38/12-L Road, Tehsil Chichawatni, District Sahiwal	30.53039, 72.72552	0
47.	Makkah Model Industries (Cotton Factory)	Chak No. 110/12-L, near G. T. Road, Tehsil Chichawatni, District Sahiwal	30.5205, 72.66123	0
48.	Shahid Bashir and Company, Cotton Factory	Chak No. 8/14-L, Kassowal, Tehsil Chichawatni, District Sahiwal	30.48424, 72.52437	0
49.	Mudassar Cotton Ginners and Oil Mills	Chak No. 43/12-L, Okanwala Banglaw Road, Tehsil Chichawatni, District Sahiwal	30.46927, 72.6594	0
50.	Mehmood Oil Mills	Chak No. 42/12-L, Okanwala Banglaw Road, Tehsil Chichawatni, District Sahiwal	30.4952, 72.6757	0
	Rice Mills			
51.	Punjab Rice Mills	Pakpattan Road Sahiwal	30.61011, 73.12025	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
52.	Haji Atta Muhi-ud-Din Rice Mills	Chak No. 99/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.62236, 73.11854	0
53.	Safia Rice Mills	Chak No. 98/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.60922 73.1197	0
54.	Allah Rakha Rice Mills General Industries	Chak No. 97/9-L (Chhota Wakeel Wala), 10-Km Pakpattan Road Sahiwal	30.58201, 73.1447	0
55.	Al-Hamad Flour & Rice Mills	Chak No. 97/9-L (Chhota Wakeel Wala), Pakpattan Road, Tehsil & District Sahiwal	30.58707, 73.14003	0
56.	Taj Rice Mills	Chak No. 99/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.61242, 73.11881	0
57.	Al-Madina Rice Mills	Chak No. 99/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.61825, 73.11541	0
58.	S. M Rice Mills	Chak No. 115/9-L, 16-Km Arif Road, Tehsil & District Sahiwal	30.52162, 73.06676	0
59.	Hi-Tech Rice Mills	Chak No. 115/9-L, 17-Km Arif Road, Tehsil & District Sahiwal	30.52146, 73.06677	0
60.	Ahmad Bacha Khan Rice Mills & General Mills	Chak No. 91/9-L, 01-Km Arif Road, Tehsil & District Sahiwal	30.61615, 73.09341	0
61.	Naz Rice Mills	Chak No. 91/9-L, 5-Km Arif wala Road, Tehsil & District Sahiwal	30.62351, 73.09444	0
62.	Bismillah Rice Mills	Chak No. 101/9-L, 06-Km Arifwala Road, Tehsil & District Sahiwal	30.6118, 73.09531	0
63.	Rehmat Rice Mills	Chak No. 100/9-L, 08-Km Arifwala Road, Tehsil & District Sahiwal	30.59847, 73.09628	0
64.	Zia Rice Mills	Chak No. 100/9-L, 08-Km Arifwala Road, Tehsil & District Sahiwal	30.59885, 73.09578	0
65.	Punjab Rice Mills	Chak No. 108/9-L, Near Adda Bodiyan Wala, 08-Km Arifwala Road, Tehsil & District Sahiwal	30.55649, 73.08135	0
66.	New Madina Rice Mills	Yousaf wala-Noor Shah Road, Tehsil & District Sahiwal	30.69908, 73.19327	0
67.	Maqsood Fareed Rice Mills	Chak No. 50/GD, Kacha Noor Shah Road, Tehsil & District Sahiwal	30.80882, 73.181376	0
68.	Mumtaz Rice Mills	Chak No. 56/5-L, 14-Km Lahore Road (G. T. Road), Adda Qadirabad, Tehsil & District Sahiwal	30.7097, 73.25279	0
69.	Ajwa Industries (Rice Mills)	Chak No. 63/5-L, G. T. Road (Lahore Road), Tehsil & District Sahiwal	30.69895, 73.23164	0
70.	Ali Industries & Rice Mills	Chak No. 136/9-L, G. T. Road, Tehsil & District Sahiwal	30.63806, 73.04854	0
71.	Akram & Company Rice Mills	Chak No. 136/9-L, Multan Road (N-5 Road), Tehsil & District Sahiwal	30.63924, 73.05676	0
72.	Al-Shamas Rice Processing Mills	Chak No. 55/5-L, G. T. Road, Tehsil & District Sahiwal	30.72672, 73.28972	0
73.	N-M Rice Mills	Old Harappa Road, Sahiwal	30.66055,	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
			73.05869	
74.	Rehmania Rice Mills	Chak No. 22/11-L, Burewala-Chichawatni Road, Tehsil Chichawatni, District Sahiwal	30.436467, 72.759904	0
75.	Zumard Rice Mills	Chak No. 13/11-L Tehsil Chichawatni, District Sahiwal	30.459966, 72.787053	0
76.	Lala Gee Rice Mills	Chak No. 112/7-R, Chichawatni-Faisal Abad Road, Tehsil Chichawatni, District Sahiwal	30.55731, 72.68829	0
77.	Ittefaq Rice Mills	Chak No. 110/12-L, near 1122 Office, Bypass Road, Chichawatni, Tehsil Chichawatni, District Sahiwal	30.51792, 72.66867	0
	Feed Mills			
78.	Master Cattle Feeds Industries Pakistan	Chak No. 111/9-L, 14-Km Pakpattan Road, Tehsil & District Sahiwal	30.56281, 73.16796	0
79.	Hi-Tech Feed Mills,	Chak No. 115/9-L, 17-Km Arif Road, Tehsil & District Sahiwal	30.51449, 73.06214	0
80.	Supreme Feeds Mill,	3-Km Arif Road, Sahiwal	30.62474, 73.09511	0
81.	Royal Feeds Pvt. Ltd.	Chak No. 77/4-R, Yousaf wala-Noor Shah Road, Tehsil & District Sahiwal	30.70898, 73.19322	0
82.	Sadiq Feed & Oil Mills	Chak No. 187/9-L, G. T. Road, Tehsil & District Sahiwal	30.61727, 72.97579	0
83.	Chaudhary Feeds Mill	Chak No. 14/11-L, 07-Km Burewala Road, Tehsil Chichawatni, District Sahiwal	30.48143, 72.73041	0
84.	Jadeed Wanda Mills	Burewala Road, near Imtiaz Textile Mills, Tehsil Chichawatni, District Sahiwal	30.47591, 72.73584	0
85.	Vapro Corn Products Pvt. Limited	Chak No. 11/11-L (Kot Gujran), 06-Km Chichawatni-Burwewala Road, Chak No. 10/11-L to Saien Di Khui Stop Link Road, Tehsil Chichawatni, District Sahiwal	30.503574, 72.755855	0
86.	M. K Feed Mills (Pvt.) Limited	Chak No. 7/11-L, Main G. T. Road, Tehsil Chichawatni, District Sahiwal	30.56999, 72.81313	0
87.	Dr. KB PET (Pvt.) Limited (Safoora Best Feed Mills (Pvt.) Limited)	Chak No. 5/11-L, Tehsil Chichawatni, District Sahiwal	30.58226, 72.83936	0
88.	Souvenir Feed Mills	Chak No. 37/12-L, Near Adda Dad Fatiana, Main G. T. Road, Tehsil Chichawatni, District Sahiwal	30.55758, 72.76933	0
	Steel / Metal Unit			
89.	New Mujahid Alcon Industries Pvt. Limited	G. T. Road, Near Pakpattan Chowk, Sahiwal	30.65359, 73.11719	0
90.	Lucky Steel Casting Pvt. Limited	G. T. Road, near McDonald, Tehsil & District Sahiwal	30.66062, 73.14131	0
91.	New Iqbal Agro Industries (Pvt.) Limited & Mudassar	G. T. Road (Lahore Road), near Eastern Bypass Road, Tehsil & District Sahiwal	30.66038, 73.14066	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
	Steel Casting (Pvt.) Limited			
92.	Khan Engineering (Electric Furnace)	Truck Adda, Near Main G. T. Road (Lahore Road), Sahiwal	30.66142, 73.14273	0
93.	Arham Steel Foundry	Chak No. 100/9-L, Near Balley Wala Mor, Arifwala Road, Tehsil & District Sahiwal	30.58835, 73.09862	0
94.	New Iqbal Industries (Foundry)	Pakpattan Road, Near Sahiwal Bypass Road, Pakpattan Road, Sahiwal	30.63651, 73.11969	0
95.	Mughal Foundry (Electric Foundry),	Chak No. 78/5-R, Yousaf wala – Noor Shah Road, Tehsil & District Sahiwal	30.69041, 73.19816	0
96.	Mughal Steel Foundry (Electric Foundry)	Chak No. 84/5-L, G. T. Road (Lahore Road), Tehsil & District Sahiwal	30.67779, 73.18854	0
97.	Taj Foundry	Plot No. 43/B-1, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65535, 73.0741	0
98.	Al-Fazal Industries (Steel Foundry)	Plot No. 25-B, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65539, 73.0791	0
99.	Javed Latif Foundry	Plot No. 32-B, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65535, 73.0775	0
100	Mumtaz Sahiwal Industry (Steel Foundry)	Plot No. 100/D-1, 101, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.65803, 73.07582	0
101	Ali Engineering (Steel Foundry)	Plot No. 56/C, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.6577, 73.07375	0
102	China Industries (Steel Foundry)	Plot No. 38/B, Punjab Small Industrial Estate, Old Harappa Road, Tehsil & District Sahiwal	30.655353, 73.075758	0
103	A K Industries	Chak No. 99/6-R, Near Adda Booti Paal, Old Harappa Road, Tehsil & District Sahiwal	30.65996, 72.98925	0
	Edible Oil Mills			0
104	Hi-Tech Edible Oil Mills	Chak No. 115/9-L, 17-Km Arif Road, Tehsil & District Sahiwal	30.51721, 73.06668	0
	Asphalt Plant			0
105	Sarwar & Company (Pvt.) Ltd. (Asphalt Plant)	Chak No. 91/9-L, Arifwala Road, Tehsil & district Sahiwal	30.61922, 73.09616	0
106	Muhammad Afzal Sial and Co (Asphalt Plant)	Adda 8 th . Mile, Pakpattan Road, Tehsil & District Sahiwal	30.569282, 73.156023	0
107	Afzal & Co Asphalt Plant	Chak No. 77/4-R, Yousaf Wala-Noor Shah Road, Tehsil & District Sahiwal	30.6896, 73.20195	0
108	Mustafa Enterprises (Asphalt Plant)	Chak No. 50/12-L, Tehsil Chichawatni, District Sahiwal	30.4381, 72.62161	0
109	Khalid & Brothers Engineering &	Chak No. 22/11-L, Near Adda Ghazi abad, Burewala Road, Tehsil Chichawatni, District Sahiwal	30.42589, 72.75751	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
	Construction Company (Asphalt Plant)			
	Incinerator			
110	Biomed Waste Management Company (SMC-PVT.) Limited	Chak No. 55/GD, 12-Km Faisal abad Road, Tehsil & District Sahiwal	30.77647, 73.13363	0
111	Mediland Pakistan Pvt. Agency (Incinerator)	Tehsil Head Quarters Hospital, Chichawatni, District Sahiwal	30.52737, 72.69436	0
	Seed Units			
112	Sohni Dharti Seeds Corporation,	Chak No. 135/9-L, Bypass Sahiwal.	30.633468, 73.085114	0
113	Kisan Seeds Corporation	Chak No. 135/9-L, near Pull 134/9-L, 03-Km Multan Road, Tehsil & District Sahiwal	30.64242, 73.08191	0
114	Zaitoon Seeds Co. Pvt.	01 km By-pass Arifwala Road, Tehsil & District Sahiwal.	30.616750, 73.095369	0
115	Mercury Seeds Corporation Pvt. Limited	Chak No. 134/9-L, Multan Bypass Road, Tehsil & District Sahiwal	30.64002, 73.08097	0
116	Innam Seeds Corporation	Chak No. 133/9-L, Fatto wala Mor Road, Tehsil & District Sahiwal	30.62077, 73.03089	0
117	Saman Agro Seeds	Chak No. 187/9-L, G. T. Road, Tehsil & District Sahiwal	30.607871, 72.943438	0
118	Rachna Agri Business (Seed Processing & Pesticide Storage)	Chak No. 102/9-L, Arif Wala Road, Tehsil & District Sahiwal	30.57931, 73.09192	0
119	Carpel Seed Company	Chak No. 101/9-L, Arifwala Road, District Sahiwal	30.59713, 73.094594	0
120	Crown Star Agro Chemicals (Seed Corporation)	Chak No. 134/9-L, Sahiwal Bypass Road, Tehsil & District Sahiwal	30.63684, 73.08215	0
	Fertilizers Unit			
121	Surej Fertilizer Industries Pvt. Limited	Chak No. 4/10-L, Harappa, near Harappa Toll Plaza, Tehsil & District Sahiwal	30.55947, 72.86185	0
	Textile Mills			0
122	Imtiaz Textile Mills	Chak No. 14/11-L, 08-Km Burewala Road Tehsil Chichawatni, District Sahiwal	30.47887, 72.7332	0
	Pyrolysis Plant			0
123	Azam Khichi Tyre Plant (Pyrolysis Plant)	Chak No. 27/14-L, Tehsil Chichawatni, District Sahiwal	30.34019, 72.41548	
124	Allah Tawakkal Pyrolysis Plant	Chak No. 55/12-L, Tehsil Chichawatni, District Sahiwal	30.37529, 72.66564	0
125	Al-Rehman Pyrolysis Plant	Chak No. 33/14-L, 90-Mor-Mian Channu Road, Tehsil Chichawatni, District Sahiwal	30.29758, 72.46863	0
	Tanneries Unit			0
126	Leather Coordinator	Tuffail Shaheed Road, Near PSO Depot, Sahiwal	30.65053, 73.09506	0

Sr. #	Name of Industry	Address	GPS	FLOOD RISK Level
	Packages Units			
127	Faizan Packages	Opposite New Sabzi Mandi, Chak No. 99/9-L, Pakpattan Road, Tehsil & District Sahiwal	30.623583, 73.121252	0

ANNEX VI: LIST OF NGOs WORKING IN THE DISTRICT

According to the list of NGOs working under social welfare in the district and philanthropists, the/volunteers help the district government and relevant department play their own role in any emergency, but due to their limited resources, they need. Community assistance in this way, NGOs /philanthropists/volunteers mobilize the community resources and develop relief centres to collect relief items as per need and deliver/supply where needed.

REGISTERED SOCIETIES, NPOs, NGOs, CHURCH, FOUNDATIONS ETC.

Sr. #	Type of NGO	Name & Address	District	Registration No.	Registration Date	Contact No.	President Name
1	Society	Bazm-i-Fikro-Adab Montgomery.	Sahiwal	28/1953	08-08-1953	040-9200060	DC Sahiwal
2	Society	The Montgomery Presbytery of the General Synod the Association reformed Presbytery.	Sahiwal	21-LR/1956	13-08-1956	040- 4225124 0301-7444108	Arshad Daniel
3	Society	The Pakistan Mission of Associate Reformed Presbyterian Church Sahiwal.	Sahiwal	39/MR/1960	13-12-1960	0300-9690879	Tazeem Bhatti
4	Society	The Nancy Fulwood hospital Society, High Street, Sahiwal	Sahiwal	RP/100/S/1975	27-06-1975	0336-7679332	Rustoom
5	Press Club	Chichawatni press Club Upper Story, Al Manzoor Shopping Centre Block No.07 Chichawatni District Sahiwal	Sahiwal	RP/2064/M/S/78	15-08-1978	0300-9694206 03000331101 0300-6930173	Saeed Akhtar Sultan Mustaf Ghulam Dastg
6	Society	New Life Society Knox Home mission compound high street Sahiwal	Sahiwal	RP/9203/S/83	02-02-1983	0300-9690879	Tazeem Bhatti
7	Society	Majlis Al-Huda, Sahiwal, Al-Huda Manzil Dushra Ground Sahiwal	Sahiwal	RP/149-M/S/83	26-12-1983	0301-6903420	Mushtaq Bajwa
8	Trust	Sahiwal Education Trust C/O	Sahiwal	RP/848-M/S/86	16-02-1986	040-4502661-62	Shoukat

		Deputy Commissioner Sahiwal (DPSC)				0321- 6911929	
9	Society	Anjuman Shehrian Chichawatni, office House No. 1300/I, Block No. 08, Chichawatni, District Sahiwal	Sahiwal	RP/1066-M/S/86	11-11-1986	0323- 7075523	Ch. Anwar- UI-Haq
10	Trust	Alwia Trust, Chak No, 94/6-R Sahiwal	Sahiwal	RP/1099/M/S/87	12-01-1987	0312- 6074890	Sajjad
11	Society	Anjuman Jamia Al- Badar Islamia, G.T Road, Sahiwal	Sahiwal	RP/2041	31-10-1992	0300- 9690142	Side Zia Ullah shah Bukhari
12	Press Club	Sahiwal Press Club Near Yadgar Sahiwal	Sahiwal	RP/1946-M/S/92	14-12-1992	0300- 9696246	Aziz UI Haq Goria
13	Society	Tanzeem Islah-e-Millat, St.,No 04 Hayat Abad Colony Chichawatni District Sahiwal	Sahiwal	RP/2207-M/S/94	29-12-1994	0300- 6910422	M.Tariq
14	Charitable Society	Doulat Charitable Society Peoples Colony Ghallah Mandi The: & District Sahiwal	Sahiwal	RD/24-M/S/02	18-03-2002	0300- 6906030	Sher Afghan
15	Educational Society	Alf-i-Sani Education System, 17/A, Farid Town, Sahiwal.	Sahiwal	RD/154/SWL/03	28-05-2003	0300- 8691453 0300- 8691400	Professor Riaz Ahmed Shami
16	Press Club	Tehsil Press Club Chichawatni, Block No.16, Girls College Road, Chichawatni District Sahiwal	Sahiwal	RD/128/SWL/03	31-05-2003		
17	Society	Dr. Farhat Mehmood Memorial Humanity Service Society Chak No. 97/6-R, Tehsil & district Sahiwal.	Sahiwal	RDO/178-A/SWL/03	18-11-2003	0333- 6910797 0349- 0370797	Atta Ullah

18	Society	Punjab Lok Sanjh Sabri Hospital Sahiwal	Sahiwal	DO/EIP/SWL/188 /04	22-06-2004	0300-7839868	Dr.Nusrat sabri
19	Cold Storage	Sahiwal Cold Storage Association, Sahiwal Chak No,94-6R Sahiwal	Sahiwal	RD/210/SWL/05	12-04-2005	0300-9693524 0300-8690281	Mehtab Rafiq Ch. Hashmat
20	Educational Society	The Quaid-e-Azam Educational Society Quaid-e-Azam College of Engineering & Technology 13 Umar Shadab Town, Sahiwal	Sahiwal	DO/E&IP/SWL/335/06	08-05-2006	0321-8899889	Zameer
21	Educational Society	AL-Azeem Educational Society 4 civil Lines Stadium Road, Sahiwal	Sahiwal	DO/E&IP/SWL/359/06	12-07-2006	0321-7732808 0321-4226888 040-4226888	Fahar Iqbal
22	Society	Anjuman Mehkaan Punjabi Adbi Board 92-Ravi Block Shadman Town, Sahiwal	Sahiwal	DO/E&IP/SWL/377/06	11-08-2006	0333-6912920	Mushtaq Ahmed Imtiaz
23	Foundation	Anjuman Aass Foundation Chak No,5/11-L Chichawatni District Sahiwal	Sahiwal	DO/E&IP/SWL/426/07	28-04-2007	0300-6931373 0345-7422243	Jahangir Qamer
24	Foundation	Farid Foundation (Salma Khatoon Hospital) Chak No. 86/6-R, Sahiwal	Sahiwal	DO/E&IP/SWL/433/07	04-06-2007	0332-7673192	Bashir Ahmed
25	Press Club	Divisional Press Club Stadium Hotel, Sahiwal	Sahiwal	DO/E&IP/SWL/494/09	06-02-2009	0333-6902634 0321-6902634	Rana Masood
26	Society	Anjuman Divisional Electronic Media Association Pasha Street, Sahiwal.	Sahiwal	DO/E&IP/SWL/499/09	11-03-2009	0300-9690989	Mian Waseem
27	Technical Educational Society	Zakia Technical Educational Society, Rehman Pura Kamir Tehsil & District Sahiwal	Sahiwal	DO/E&IP/SWL/501/09	03-04-2009	0301-6912815	Muhammad Bashir Ahmed

28	Educational Society	Surryia Majeed Educational Society, House No. 2302, Block No. 18, Street No. 07, Chichawatni	Sahiwal	DO/E&IP/SWL/580/2011	25-03-2011	0333-6892658	Mehmood
29	Association	Poultry Association Retail upper Malik Brailor Sale Center Church Road, Sahiwal.	Sahiwal	DO/E &IP/SWL/585/2011	17-06-2011	0300-9691474	Nadeem
30	Educational	Muhammadan Educational Society 10-y Tariq Bin Zayad Colony Sahiwal.	Sahiwal	DO/E&IP/SWL/596/2012	05-03-2012	040-4221132 0300-9693059	Mehboob
31	Society	Karyana Merchant Association H.No.608 ½ Saddar Bazaar Block No.4 Chichawatni, District Sahiwal.	Sahiwal	DO/E&IP/SWL/598/2012	16-03-2012	040-5480969 0300-9476369 0313-9476369	Waheed Hashmat
32	Educational Society	Tariq Bin Zaid Educational Society Tariq Bin Zaid Colony, Sahiwal.	Sahiwal	DO/E&IP/SWL/607/2012	24-04-2012	0300-6933677	
33	Society	Chinwag Chak No.87-A/6-R, (Mehmood Shah wali), Sahiwal	Sahiwal	DO/E&IP/SWL/616/2012	11-06-2012	0302-6909442	Hafeez Tabbasum
34	Charitable society	Community Enlightened & Development Organization Chak No. 58/4-R, Sahwal.	Sahiwal	DO/E&IP/SWL/630/2012	11-08-2012	0301-7668144	Ejaz
35	Church	The United Church, Mohallah Farid Gunj, Sahiwal	Sahiwal	DO/E&IP/SWL/631/2012	26-09-2012	0315-9697495	Nadeem Shafi
36	Educational Society	The Educators Educational society, House No. 42-B, Civil Line, Sahiwal	Sahiwal	No.DO/E&IP/SWL/634/2012	31-10-2012	0300-6913379	Falak Sher
37	Charitable society	ARC" Organization H. No.6 St. No.5, Essa	Sahiwal	DO/E&IP/SWL/635/2012	27-11-2012	0321-5042593 0306-3911420	Ashraf

		nagri, Sahiwal.					
38	Charitable society	Anjuman Islah-ul- fukhra" Chak No. 90/6-R Sahiwal.	Sahiwal	DO/E&IP/SWL/639/2013	15-02-2013	0301- 7190135	Lala Zawar
39	Educational society	BAB-UL-ILM welfare Educational Society" Center Plaza, high street, Sahiwal.	Sahiwal	DO/E&IP/SWL/644/2013	03-06-2013	0345- 7441084	Sohail Ahrsaf
40	Society	Face Fresh" Street No.01, Hayatabad Model Town, Chichawatni District Sahiwal.	Sahiwal	DO/E&IP/SWL/670/2014	26-04-2014	0321- 7207652	Usman
41	Educational Society	Mumtaz Anwaar Educational Society, 88- Liaqat Shaheed Road, Sahiwal	Sahiwal	No.DO/E&IP/SWL/676/2014	13.06.2014	0321- 6916889	Abdul Waheed
42	Society	A.S Alvi Foundation, H.No.376, St. No.02, Ward No.6, Ghallha Mandi Sahiwal	Sahiwal	DO/E&IP/SWL/679/2014	17-09-2014	0345- 7456856	Syed M.RazaAlvi
43	Society	Museums Association Of Pakistan (MAP) NGO, Comsats- Institute of Information Technology, Off G.T Road Sahiwal.	Sahiwal	DO/IPWM/SWL/703/2015	21-12-2015	0300- 7228822	Dr. Adnan Saleem
44	Society	Mushk-e- Azfar Ilmi wa Adbi Society Sahiwal, Farid Town	Sahiwal	DO/IPWM/SWL/704/2015	23-15-2015	0321- 6911627	Muhammad Rafiq Azfar
45	Society	Imam Din Welfare Society Makan No. 67. Baldia Colony	Sahiwal	DO/IPWM/SWL705/2016	01-01-2016	0300- 4628873	Irshad Tabasoom
46	Religious Foundation	Al-Badar Foundation Sahiwal Stadium Chowk Sahiwal	Sahiwal	DO/IPWM/SWL/720/2016	04-04-2016	03009690142/ 03320313142	Zia Ul Bashkari
47	Society Trust	Anjuman Sufi Muhammad Siqqqique Welfare Trust Madrisa	Sahiwal	DO/IPWM/SWL/755/2017	05-08-2017	0300- 6907205	Nazim Ali Anjum

		Shue-E-Noor Building Mutsal Jamia Masjid Quba Janah Chowk Sahiwal					
48	Society Darbar	Anjuman Ashiq-E- Rasool Mehlan Shah Society, Darbar Baba Mehlan Shah, Qadir Qalandar Darqah Baba Sadiq Ali, Jhaal Road 82/6-R Sahiwal	Sahiwal	DO/IPWM/SWL/760/2017	16-10-2017	0334- 9494994 0321 0300- 4464464 0305- 7217617	Aftab Balouch
49	Society	Anjuman Umeed-E- Subh, Lodhi House, Harappa City, Sahiwal	Sahiwal	DO/IPWM/SWL/761/2017	20-11-2017	0304- 4483609 0300- 9697451 0300- 9452037	Ayesha Gul Imran PA Naveed Iodhi
50	Society	Barani Foundation 520-B/VII, Civil Line, Jail Road, Sahiwal	Sahiwal	DO/IPWM/SWL/762/2018	25-01-2018	0301- 6531191 0333- 1606070	Aamir Advkt Amina Sarwar
51	Society	Sahiwal Tax Bar Association, Sahiwal	Sahiwal	DO/IPWM/SWL/770/2018	15-04-2018	03216902634	Masood Rana
52	Society	Al-Hamd Blood Foundation & Welfare Society Chak No. 87/6-R Tehsil & District Sahiwal.	Sahiwal	DO/IPWM/SWL/772/2018	19-05-2018	0309- 7814171 0305- 7225779	M. Waseem Anjum
53	Church	Hamida Daniel Memorial Church Waqay Daniel Town Chak No.87/9-L, Sahiwal	Sahiwal	DO/IPWM/SWL/773/2018	26-05-2018	0345- 7444108	Arshad Daniel
54	Society Trust	Al-Qalam Educational Complex Trust Chak No.21/11-L, Ghaziabad Tehsil Chichawatni District Sahiwal	Sahiwal	DO/IPWM/SWL/774/2018	19-09-2018	0300- 6930173	Ghulam Dastagir
55	Society	Jashan-E- Farid Foundation, Main Fateh	Sahiwal	DO/IPWM/SWL/796/2019	23-04-2019	03006949596 0303- 7991120 0345- 5555496	Ali Imran

		Sher Road, Sahiwal					
56	Educational Society	Johar Educational Society, 74-A. Al-Haram City, Near Farid Town, Sahiwal	Sahiwal	DO/IPWM/SWL/797/2019	14-06-2019	0333-8774167	Abdul Lateef
57	Society	Nasrat Welfare Organization, Chak No. 190/9A-L, Tehsil & District Sahiwal	Sahiwal	DO/IPWM/SWL/798/2019	20-06-2019	0345-4698858 0300-5198972	Munawar Gill
58	Society	Al-Atta Welfare Trust, Chak No. 94/6-R, Sahiwal	Sahiwal	RJSC/DO/IPWM/SWL/823/2021	03-04-2021	0300-9691736	Ali Nasir
59	Church	The Christian Evangelical Church in Pakistan Zaildar Colony, Chak No. 82/6-R, District Sahiwal.	Sahiwal	DO/IPWM/SWL/727-A/2016	08-05-2021	0302-7250877	Younas
60	Society	AR Foundation, House No. 136/B-VII, Gulistan Colony, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/835/2023	17-01-2023	0 313-0008916	Amjad Rasool
61	Church Society	The Light House Ministry, Street No.01,Nawab Town Chak No.93/6-R, District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/843/2023	19-01-2023	0300-6911595	Justin Pervaiz
62	Society / NPO / Shelter Home	Al-Jannat Welfare Society, Plot No.17, Sahiwal Estate, Arifwala Road, District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/858/2023	13-09-2023	0333-6916335	Aslam Mehboob
63	Society	Green Skills Foundation, Ghallah Mandi Stop Near Jamia Aloom-e- Sharia G.T Road, District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/859/2023	13-09-2023	0307-6373878	Ahmad Waleed

64	Society / Dialysis Center	Hands for Humanity, Block No. 13 (Chowk), Tehsil Chichawatni, District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/860/2023	13-09-2023	0301-8550065	Asfand Ali
65	Society	Anjuman Fruit & Vegetables Association, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/861/2023	13-09-2023	0305-8987515	Noman(Gen Sec)
66	Society	Sahiwal Property Dealer Association, Near Arifwala Pull District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/862/2023	13-09-2023	0300-8695283	Zahid Lateef
67	Society	Anjuman Civil Society Chichawatni, Near Rahat Bagh Tehsil Chichawatni, District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/863/2023	16-01-2024	0300-5464115	Hafiz Faheem (Gen Sec)
68	Society	Salvation By Grace Church Ministries, Pakistan, Nazir Housing Scheme, Arif Road Tehsil & District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/864/2023	16-01-2024	0324-0691769	Chairman Sadar
69	Church Society	Life for Christ Ministry of Pakistan, Chak No. 190/9A-L, Harrapa, Tehsil & District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/877/2025	08-02-2025	0345-8080258	Pastor Shehzad Sandhu
70	Church Society	God Will Provide International Mission Pakistan, Lala Gee Block, Chak No. 82/6-R, Tehsil & District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/878/2025	08-02-2025	0304-8652030	Muneeb Gill
71	Welfare Society	Anjuman Muhiban-e-Ahle Muhammad Sahiwal, 97/WB, Mohallah Imambargah Haideri, Ghallah Mandi Tehsil &	Sahiwal	No.RJSC/DO/IPWM/SWL/879/2025	08-02-2025	0300-7830933	Sajjad Haider

		District Sahiwal					
72	Charitable / Health Welfare society	Al-Mehmood Foundation, House No. 884, Block-D, Farid Town, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/880/2025	08-02-2025	0300-9690810	Ch. Mumtaz sb
73	Church Society	New Life In Christ Church Ministries Of Pakistan, Chak No. 190/9A-L, Harrapa, Tehsil & District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/881/2025	08-02-2025	0340-0431001	Irfan
74	Educational Society	Unique Educational Society, Hayyat Abad Chichawatni	Sahiwal	No.RJSC/DO/IPWM/SWL/882/2025	08-02-2025	0300-6923886	Muhammad Quresh
75	Media Association	Print Media Association Sahiwal, Railway Road, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/883/2025	08-02-2025	0313-6434441	Shabbir Chattah
76	Church Society	Great Commission Society Ministry Pakistan, House No. 08, Street No. 02, Ammato Colony, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/884/2025	08-02-2025	0343-4774656	Pastor Anees
77	Charitable / Health Welfare society	Khokhar Welfare Foundation, Chak No. 84/12-L, Tehsil Chichawatni District Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/885/2025	08-02-2025	0343-2823654	Altaf Khokhar
78	Charitable / Educational Welfare society	Shehzad Charitable Society, House No. 30, Dubai Garden G.T Road, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/886/2025	08-02-2025	0321-6840410	Shehzad
79	Property Dealer Assocaiton	Old Sahiwal Property Dealers Association, Tehsil & District Sahiwal, Rehman Town Canal 9L, G.T Road, Sahiwal	Sahiwal	No.RJSC/DO/IPWM/SWL/887/2025	08-02-2025	Rana Muhammad Latif	0300-8438609 0300-7838609

ANNEX VII: CONTACT LIST OF MAIN STAKEHOLDERS/ DEPARTMENTS

Sr. No.	Name	Department /division/ District	Designation	Telephone Nos.		Mobile No.
				Office	Residence	
1	Syed Shoaib Iqbal		Commissioner	9200491	9200499	-
2	Shafique Ahmad Doger	-	Addl. Commissioner	9200296	-	03004512927
3	Qayyum Qudrat	-	Dir. Development & Finance	9200102	-	03007508826
4	Nadeem Arshad	-	AC Revenue	9200557	-	03024694269
5	Ikram ul Haq	-	Deputy Commissioner Office Sahiwal.	9200060	-	
6	Aitzaz Aslam Marth	FOCAL PERSON	ADC(Revenue)	9200078	-	03335543433
7	Yasir Fareed	-	ADC(F&P)	9200075	-	03004121000
8	Syed Usman Muneer	-	ADC(G)	9200019	-	03004385035
9	Uzman Choudhary	-	AC Sahiwal	9200110	-	03315130465
10	Mehboob Ali Khan	-	AC Chichawatni	5480033	-	03006504304
11	Noman Qaiser	-	AC (Head Quartor)	-	-	0331-4366170
13	Khuram Saleem	-	SNA	9200069	-	03336929933
14	Muhammad Rizwan	-	GIS	9200069	-	03457449675
15	Wasaf Yaseen	-	Secy DRTA Sahiwal	-	-	03054444988
16	Muhammad Rafique	-	Tehsildar Sahiwal	-	-	03016335331
17	Ume Sultan	-	Tehsildar Chichawatni	-	-	03454208889
18	Aesh Bahadar	-	NT Chichawatni	-	-	03007954950
19	Javeed Mehmood	-	NT Chichawatni	-	-	03017507912
20	Ishtiaq Ahmad	-	Civil Defence Officer	9200230	-	03162338686
21	Faisal Shehzad	-	DPO Sahiwal	9200051	-	03229999933
22	Rana Zahid	-	DO Special Branch Sahiwal	9330427	-	03009690208
23	Engr. Shehroz Javed	-	District Emergency Officer	9200106	-	03336900903
24	M. Naeem Babar	-	Control Room Incharge	9200109	-	03357391122
25	Mehdi Hassan	-	Rescue & Safety Officer	92001061	-	0302-2770734
26	Mian Mohsin Rasheed	-	Station Coordinator	5482122	-	03337273007
27	Sajjad Akbar Dyal	-	Station Coordinator	9200106	-	03446819200
28	Muhammad Nusullah	-	Station Coordinator	9200106	-	0300-6909635
29	Fakhar Abbas	-	Senior Accountant	9200106	-	03016922804
30	Shahid Qamar	-	TMI	9200106	-	03463401122
31	Umer Abrar	-	Executive Engineer (Irrigation)	9200222	-	03247575876
32	Mahar Waqar	-	SDO (Irrigation Sahiwal)	--	-	0300-6961705
33	Talha Afzal	-	SDO Ganjibar	--	-	0300-1070467
34	Jawed Asif	-	SDO, CCI (Chichawatni)	--	-	03228965134
35	Nazir Ahmed Bhatti	-	Sub Engineer Kaureshah	--	-	03336919727
36	Abdul Jabbar	-	Sub. Eng. Khulwala	--	-	0304-0596078
37	Zahid Tufail	-	Sub. Eng. (Chichawatni)	--	-	03004049156
38	Dr. Sohail	-	Addl. Director Livestock Sahiwal	9200496	-	0333-6503982
39	Dr. Abdul Rehman	-	Dy. Director Livestock Chichawatni	--	-	03349839139

40	Nasir Zamman	-	Superintending Engineer (OP)	9200303	-	0302-8406132
41	Asim Aftab	-	Technical Officer (DDT)	--	-	0302-8406138
42	Asim Aftab	-	DCM	9200304	-	0302-8406159
43	Nabeel Khan	-	SDO Training CenterSwl	--	-	03028406159
44	Nabeel Khan	-	SDO-AM (CSC)	9200305	-	03028406470
45	Dr. Riaz	-	CEO Officer DHA Sahiwal	9200382	-	0336-1077123
46	Dr. Tahir	-	DHO Officer (PS) DHA SWL	9200371	-	0321-7674294
47	Dr. Rafay Dastageer	-	DM Office PHFMC Swl	4500193	-	-
48	Dr. Amin Chisti	-	Dy. Distt. Officer (H) CCW	5483400	-	03336117604
49	Dr. Hassan Raza	-	RHC 185/9L Acting SMO	--	-	0332-0744980
50	Dr. Shamam Shaheen	-	RHC Harappa SMO	--	-	0300-6943239
51	Dr. Umair	-	RHC Noor Shah Acting SMO	4469440	-	03350345335
52	Dr. Nazia Naeem	-	RHC 112/9L Acting SMO	-	-	0336-7681753
53	Dr. Amir Hussain	-	RHC Kassowal Acting SMO	-	-	0300- 63520705
54	Dr. Yaseen	-	RHC Ghaziabad SMO	-	-	0345-8937990
55	Rana M. Nawaz	-	Chief Officer	9200321	-	0300-7659385
56	Akhtar Parvez	-	Chief Officer Unit Chichawatni	5486878	-	0335-4750553
57	Khuda Yar Tarar	-	Chief Officer Unit Kameer	4306032	-	0300-4630085
58	Malik Waseem Sajjad	-	Range Forest Officer	5486886	-	0344-6018030
59	Dr. Ishfaq	-	Chief Officer	9200157	-	0321-4445534

ANNEX VIII (A): LIST OF VOLUNTEERS

CIVIL DEFENCE OFFICE SAHIWAL

OBJECTIVE

To provide relief services by Civil Defence Department Pre-Flood, during flood and post activities.
To mitigate flood effects, the following arrangements would be made by the Civil Defence Office, Sahiwal.

SUPERVISION

Muhammad Ishtiaq
Civil Defence Officer Sahiwal
Phone No.040-9200230
Cell No.0316-3338686

ASSISTED BY

Ghulam Rabbani
Instructor
Cell No. 0341-4925590

FOCAL PERSONS

Mubashir Ali
Instructor
Cell No.0304-3034840

DEPLOYMENT OF RAZAKARS

100 Razakars of Civil Defence Organization in District Sahiwal, (60 in Sahiwal and 40 in Chichawatni) will be deployed in flood affected area by the direction of Deputy Commissioner/ Controller Civil Defence Sahiwal for miscellaneous duties i.e. Mobile Squads, Rescue, Evacuation and Relief measures etc.

Moreover **Mr.Ikram-ul.Haq Zahid Bhati (I.Z.Bhatti) (Cell No.0321-6906677)** Chief Warden, **Mr. Israr Ahmad Choudrari (Cell No. 0321-6933007)** Add. Chief Warden and **Mr. Abdul Hameed Roshi (Cell No. 0300-6904894)** Divisional Warden, Civil Defence Organization Sahiwal will supervise the duty of Razakars at Tehsil Sahiwal.

Hafiz Muhammad Bilal Cell No. (0300-6902841) Deputy Divisional Warden Civil Defence Organization Chichawatni will supervise the duty of at Razakars Tehsil Chichawatni.

DUTIES OF CIVIL DEFENCE RAZAKARS:

On receipt of directions from the Deputy Commissioner /Controller, Civil Defence, Sahiwal will perform the following duties/post flood as per ground requirement.

- a. Activation of Warden Service.

B. LIST OF CIVIL DEFENCE RAZAKARS FOR FLOOD DUTY **SAHIWAL 2025**

Sr. No.	Name	Father Name	Warden Post	Contact No.	Time Required to be on-board
1	Muhammad Amir	Sultan Ahmad	B-2 SWL	0305-9146128	Within One day
2	Sarfaraz Ahmad	Ghulam Rasool	B-2 SW	0306-7961802	Within One day
3	Naveed Anjum	Muhammad Hussain	B-2 SWL	0308-3398139	Within One day
4	Muhammad Arsalan Bahadur	Ali Bahadur	B-2 SWL	0304-6630571	Within One day
5	Hanan Hussain	Muhammad Hussain Javeed	B-2 SWL	0311-4526653	Within One day
6	Waseem Abbas	Allah Rakha	B-1 SWL	0313-0063009	Within One day
7	Ghulam Shabbir	Zafar Ali	B-1 SWL	0304-6839436	Within One day
8	Fazan Ali	Allah Rakha	B-1 SWL	0321-1365986	Within One day
9	Ali Imran	Zafar Ali	B-1 SWL	0306-9005012	Within One day
10	Muhammad Usman	Shabbir Ahmad	B-1 SWL	0305-6143524	Within One day
11	Mazoor	Khushi Muhammad	B-1 SWL	0321-5610688	Within One day
12	Muhammad Imran	Mehmood UI Hassan	B-1 SWL	0321-5610688	Within One day
13	Muhammad Aslam	Muhammad Sharif	B-3 SWL	0300-7830331	Within One day
14	Jameel Ahmad	Farzand Ali	B-3 SWL	0302-6539527	Within One day
15	Fayyaz Ahmad	Farzand Ali	B-3 SWL	0302-3144639	Within One day
16	Yasir Nazir	Nazir Ahmad	B-3 SWL	0302-6926420	Within One day
17	Zafar Iqbal	Muhammad Iqbal	B-3 SWL	0301-7895930	Within One day
18	Mehboob Alam	Allah Ditta	B-4 SWL	0304-4579310	Within One day
19	Awais	Abdul Sittar	B-4 SWL	0309-6642179	Within One day
20	Muhammad Awais	Muhammad Anwar	B-4 SWL	0304-6836507	Within One day
21	Muhammad Saeed	Abdul Ghafoor	B-4 SWL	0340-1433997	Within One day

22	Amjid Ali	Naseer Ali	B-4 SWL	0311- 6933976	Within One day
23	Mushtaq Hussain	Laal Deen	C-1 SWL	0303- 7068826	Within One day
24	Syed Tanveer Hussain	Eniyat Ali Shah	C-1 SWL	0306- 8767448	Within One day
25	Mehboob Ali	Mumtaz Hussain	C-1 SWL	0321- 6910716	Within One day
26	Muhammad Sarwar	Umer Deen	C-1 SWL	0300- 6902145	Within One day
27	Liaqat Ali Anjum	Muhammad Hussain	C-1 SWL	0301- 6915882	Within One day
28	Liaqat Ali	Muhammad Sultan	C-1 SWL	0345- 4754808	Within One day
29	Abdul Khaliq	Manzoor Hussain	C-3 SWL	0321- 6912625	Within One day
30	Muhammad Yousaf	Arsal Deen	C-3 SWL	0304- 5298401	Within One day
31	Muhammad Ramzan	Abdul Majeed	C-3 SWL	0300- 6905802	Within One day
32	Amjid Deen	Umer Deen	C-3 SWL	0316- 3603606	Within One day
33	Jamshaid Ali	Riasat Ali	C-3 SWL	0302- 5451548	Within One day
34	Liaqat Ali	Muhammad Sarwar	C-3 SWL	0301- 7890948	Within One day
35	Usman Ghani	Habib Ahmad	C-2 SWL	0307- 6924117	Within One day
36	Allah Ditta	Taj Deen	C-2 SWL	0302- 3420265	Within One day
37	Afzal Ahmad	Nasrullah	C-2 SWL	0316- 4248964	Within One day
38	Muhammad Amir	Ikram Muhi Deen	C-2 SWL	0312- 6016717	Within One day
39	Shahbaz Ahmad	Wali Muhammad	C-2 SWL	0301- 7155316	Within One day
40	Muhammad Saleem	Umer Deen	C-2 SWL	0303- 0234391	Within One day
41	Allah Rakha	Abdullah	C-2 SWL	0316- 7983962	Within One day
42	Rana Abdul Hameed	Abdul Majeed	A-1 SWL	0333- 6099930	Within One day
43	Ameer Hassan	Liaqat Ali	A-1 SWL	0301- 6932561	Within One day
44	Javeed Iqbal	Basheer Ahmad	A-1 SWL	0307- 6830755	Within One day
45	Nabeel Abbas	Ghulam Abbas	A-1 SWL	0301- 6838833	Within One day

46	Muhammad Shakeel	Aziz Ahmad	A-1 SWL	0301- 6525540	Within One day
47	Amir Sajjad	Maqbool Ahmad	A-1 SWL	0305- 2424352	Within One day
48	Mehboob Alam	Allah Ditta	B-4 SWL	0304- 4579310	Within One day
49	Muhammad Awais	Abdul Sittar	B-3 SWL	0309- 6642179	Within One day
50	Muhammad Awais	Muhammad Anwar	B-3 SWL	0304- 6836507	Within One day
51	Muhammad Saeed	Abdul Ghafar	B-3 SWL	0340- 1433997	Within One day
52	Amjid Ali	Naseer Ali	B-3 SWL	0311- 6933976	Within One day
53	Abdul Khaliq	Manzoor Ul Hassan	C-3 SWL	0321- 6912625	Within One day
54	Muhammad Yousaf	Arsal Deen	C-3 SWL	0304- 5298401	Within One day
55	Muhammad Ramzan	Abdul Majeed	C-3 SWL	0300- 6905822	Within One day
56	Amjid Deen	Umer Deen	C-3 SWL	0345- 6906542	Within One day
57	Jamshaid Ali	Riasat Ali	C-3 SWL	0302- 5154548	Within One day
58	Liaqat Ali	Muhammad Sarwar	C-3 SWL	0301- 7890948	Within One day
59	Faraz Ahmad	Baag Ali	C-3 SWL	0303- 7581122	Within One day
60	Adnan Shahid	Fakhir Ahmad	C-3 SWL	0300- 7643817	Within One day

LIST OF CIVIL DEFENCE RAZAKARS FOR FLOOD DUTY CHICHAWATNI 2025

Sr. No.	Name	Father Name	Warden Post	Contact No.	Time Required to be on-board
1	Nawaz Ali	Rehmat Ali	B-2 CCI	0301-7267520	Within One day
2	Akram Ali	Sadiq Hussain	B-2 CCI	0303-8930502	Within One day
3	Rana Shahid Mansoor	Muhammad Mansoor	B-2 CCI	0334-6223786	Within One day
4	Rana Abid	Muhammad Mansoor	B-2 CCI	0301-9711206	Within One day
5	Muhammad Ashraf	Ghulam Hussain	B-2 CCI	0302-4132670	Within One day
6	Muhammad Ashraf	Ghulam Ali	B-2 CCI	0305-5308884	Within One day
7	Muhammad Ajmal	Ghulam Rasool	B-2 CCI	0303-6331819	Within One day
8	Muhammad Tanveer	Umer Deen	B-2 CCI	0333-6885001	Within One day
9	Mumtaz Ali	Rasheed Ahmad	A-1 CCI	0303-9061973	Within One day
10	Manzoor Hussain	Noor Muhammad	A-1 CCI	0311-1204831	Within One day
11	Muhammad Ishfaq	Muhammad Shafique	A-1 CCI	0305-7684375	Within One day
12	Muhammad Shehzaid	Taj Deen	A-1 CCI	0302-7530727	Within One day
13	Nasir Ameen	Muhammad Sharif	A-1 CCI	0305-7365518	Within One day
14	Muhammad Awais	Muhammad Boota	A-1 CCI	0307-1951939	Within One day
15	Muhammad Siddique	Inam Ul Haq	A-1 CCI	0303-9061973	Within One day
16	Muhammad Shafique	Muhammad Hanif	A-1 CCI	0313-3163789	Within One day
17	Liaqat Ali	Nazir Ahmad	B-1 CCI	0341-5978601	Within One day
18	Khalil	Muhammad Sharif	B-1 CCI	0320-4687208	Within One day
19	Ali Usman	Muhammad Akram	B-1 CCI	0336-1069502	Within One day
20	Amjid	Shoukat ali	B-1 CCI	0331-1482372	Within One day
21	Ehsan Danish	Abdul Latif	B-1 CCI	0333-4879203	Within One day
22	Ghulam Abbas	Manzoor Ahmad	B-1 CCI	0320-6906578	Within One day
23	Zafar Iqbal	Muhammad Deen	B-1 CCI	0310-0048567	Within One day
24	Muhammad Usman	Muhammad Aslam	B-1 CCI	0337-4243149	Within One day
25	Muhammad Tahir	Abdul Razzaq	B-1 CCI	0327-5400250	Within One day
26	Ghulam Sarwar	Sher Muhammad	B-1 CCI	0321-8484543	Within One day
27	Abdul Faheem	Abdul Majeed	B-1 CCI	0324-5820877	Within One day
28	Muhammad Farhan	Zarawar Hussain	A-2 CCI	0308-6825616	Within One day
29	Nawazish Ali	Khalid Hussain	A-2 CCI	0334-6234278	Within One day
30	Muhammad Awais	Muhammad Sharif	A-2 CCI	0305-8491545	Within One day
31	Muhammad Shahbaz Akram	Muhammad Akram	A-2 CCI	0302-5842813	Within One day
32	Muhammad Irzaman	Muhammad Rashid	A-2 CCI	0302-5842813	Within One day
33	Muhammad Khalil	Muhammad Sharif	A-2 CCI	0305-6571061	Within One day
34	Allah Ditta	Muhammad Hussain	A-2 CCI	0307-2096985	Within One day
35	Muhammad Kashif	Ashiq Hussain	A-2 CCI	0340-7968991	Within One day
36	Imtiaz Ahmad	Mushtaq Ahmad	A-3 CCI	0300-6919462	Within One day

37	Muhammad Aslam	Peer Baksh	A-3 CCI	0345-7472484	Within One day
38	Muhammad Zahid	Qutab	A-3 CCI	0336-7487350	Within One day
39	Ali Raza	Muhammad Manshah	A-3 CCI	0312-6044238	Within One day
40	Muhammad Usman	Muhammad Tahir	A-3 CCI	0308-6547195	Within One day

- b. Coordination with other disaster-dealing agencies / departments
- c. Collection/packing and distribution of food and relief goods for flood victims.
- d. Duty at relief camps to assist the administration.
- e. To be the part of Rescue – cum- Debris clearance squad.
- f. Any other duty assigned by the Deputy Commissioner / Controller Civil Defence or by the Director Civil Defence, Punjab

ANNEX VIII (B): LIST OF SWIMMERS/DIVERS

S#	Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	Ali Sher	36502-0222633-9	Chak no 74/5L Sahiwal	0345-7425465	A+ve	-
2	Saeed Ahmad	36502-6530972-7	Chak no 65/5L Sahiwal	0300-8197673	A+ve	-
3	Ahmad Yar	36502-3779317-7	Chak no 48/5L Sahiwal	0343-3010029	A+ve	-
4	Junaid Ahmad	36501-3241617-1	Chak no 86/6R Sahiwal	0307-8188116	B+ve	-
5	Tariq Mehmood	36502-1317605-9	Chak no 77/5L Sahiwal	0334-3701122	O+ve	-
6	Abid Shakeel	36502-5589580-5	Chak no 126/9L Sahiwal	0309-6953501	AB+ve	-
7	Ateeq-ur-Rehman	36502-6740911-9	Chak no 78/5R Sahiwal	0300-7657989	AB+ve	-
8	Rashid Mehmood	36502-9668596-7	Chak no 65/5L Sahiwal	0343-4117996	B+ve	-
9	Muhammad Aslam	36502-1327949-7	Chak edal sahiwal	0332-0767706	O+ve	-
10	Waheed Ahmad	36502-1146801-1	Chak no 60/61gd Sahiwal	03017355720	O+ve	-

S#	Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
11	Abdul Aziz	36502-1252549-5	Harrapa	0301-6939534	B+ve	-
12	Abdul Sattar	36502-4288274-9	Chak no 56/gd Sahiwal	0301-6537125	O+ve	-
13	Khalid Mehmood	36502-1401353-5	Chak no 86/6R Sahiwal	0300-9451186	A+ve	-
14	M. Ghulam Sajjad	36502-2396941-9	Chak no 68/4r Sahiwal	0346-4412484	O+ve	-
15	Ejaz Ahmad	36502-1399496-1	Chak no 94/9L Sahiwal	0322-7505251	B-ve	-
16	Asif Maqsood	36502-0781038-3	Kot Khadim Ali Shah Sahiwal	0307-4531051	AB+ve	-
17	Rana Bilawal Khan	36502-5049415-1	Chak no 65/5L Sahiwal	0317-1752442	A+ve	-
18	Mubashir Farid	36502-4662592-1	Chak no 77/5L Sahiwal	0346-8477264	B+ve	-
19	Hafiz M. Asif	36502-7305413-3	Bahir Wala Adda Sahiwal	0345-7445080	O+ve	-
20	Muhammad Nazim	36502-3977060-3	Gulshan-e- Zainab Sahiwal	0313-2691122	B+ve	-
21	M.Yaqoob	36502-1326694-1	Gulshan Ali Sahiwal	0333-4844923	B+ve	-
22	M. Zahid Sharif	36502-7218100-9	Shadab Town Sahiwal	0300-6909256	B+ve	-
23	Khalil Ahmad	36502-1404493-9	Chak No 81/5R Sahiwal	0300-6909337	B+ve	-

ANNEX IX: POLITICAL CONSTITUENCY

National Constituencies				Provincial Constituencies			
Name of Constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number	Name of Constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number
NA-148	Pir Imran Shah	Yes	0322-7007000	MNA	Rana Riaz Ahmad		0301-6931500
NA-149	Rai Ali Murtaza Iqbal	Nil	0334-6223028	PP-201	Pir Samsam Ali Bukhari	Nil	0300-8110412
	CH Usman	MNA	0321-6916016	PP-202	Malik Nouman Langrial		0336-0000230
	Pir Rai Hssan Nawaz	MNA	0300-8448941				
	Pir Willayat Shah	MPA	0300-6904300				
	Malik Qasim Nadeem	MPA	0300-6901235				
	Malik Arshad	MPA	0300-8691888				
	Naveed Lodhi	MPA	0300-9452037				
	Rana Riaz	MPA	0301-6931500				

ANNEX X: LOCAL GOVERNMENT

District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number
1	Deputy Director Local Govt	Sahiwal	Ikram Ul Haq	92000243	03005600094
2	Deputy Director Local Govt	Chichawatni	Malik Waqar		03004989303

Annex XI: Data Collection Proformas

P1: House Damage Assessment

District: _____

Date: _____

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

P2: Deceased Person Reporting Proforma

District: _____

Date: _____

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

P3: Injured Person Reporting Proforma

District: _____

Date: _____

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

P4: Cattle Head Perished

District: _____

Date: _____

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

P5: Crop Damages

District: _____

Date: _____

S#	Tehsil	Qanoongoi	Union Council	Mauza	Farmer Name	Land owner/Tenant	CNIC of farmer	Contact number	Type of Crops	Total land affected (acres)	% of mauza affected
----	--------	-----------	---------------	-------	-------------	-------------------	----------------	----------------	---------------	-----------------------------	---------------------

P6: Relief Distribution Tracking Proforma

District: _____

Date: _____

S#	Location/ Destination	Arrival Date and time	Items	Quantity	Items short (if any)	Items sent by	Driver name	Received by	Bilty no
----	-----------------------	-----------------------	-------	----------	----------------------	---------------	-------------	-------------	----------

P7: Private Machinery (Boats, Bulldozers, Cranes etc.)

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

District: _____

Date: _____

S#	Name of boat owner	Father name	Contact Number	Age	CNIC	Location of boat/Machinery	Type of Machinery (Boat, Bulldozers, Cranes etc.)	Engine type	Boat capacity	Equipment Condition	Number of Machinery
----	--------------------	-------------	----------------	-----	------	----------------------------	---	-------------	---------------	---------------------	---------------------

P8: Relief camp registration Proforma

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

District: _____

Date: _____

S#	Nationality	Domicile	Male	Female	Age	Children Under 12	Infants under 3	Sick	Injured	Pregnant
----	-------------	----------	------	--------	-----	-------------------	-----------------	------	---------	----------

P9:NGOs registration proforma

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

District: _____

Date: _____

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

P10: Control Room

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

District: _____ Focal Person: _____ Date: _____

S#	Location of control room	Shift I Incharge Name and Contact	Shift II Incharge Name and Contact	Shift III Incharge Name and Contact	Phone Numbers	Fax Numbers	E- Mail Address
----	--------------------------	-----------------------------------	------------------------------------	-------------------------------------	---------------	-------------	-----------------

ANNEX XII: CAMP MANAGEMENT SOPs

- Camps would be established in areas accessible by metalled roads so that the 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.
- A proper registration mechanism should be in place to differentiate between those affected and cunning opportunists
- A proper security system should be in place in coordination with the local police, as the presence of police always acts as a 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 camp management, and steps should be taken to remove rats, snakes, and mosquitoes, etc.
- Unaccompanied and missing children shall be placed separately with proper care and fulfilment of their physical and psychosocial needs.
- The needs of women as per the local and cultural environment shall be considered for establishing separate relief camps for the provision of proper security and light arrangements

Land	3.0-4.5 square meters per person
Shelter	3.5 square meters 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 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

Comprehensive Camp Management Overview



ANNEX XIII: FLOOD BUNDS

INFORMATION REGARDING FLOOD BUND CATEGORY A

SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
SARGODHA ZONE			
1	Rasul Head Works Division	Right Guide Bund	2,121
2	-do-	Left Guide Bund	3,360
3	-do-	Right Guide Spur	2,762
4	-do-	Left Marginal Bund	17,170
Total in feet.			25,413
Total in Miles.			4.81
PMO BARRAGES			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
Total in feet.			25,080
Total in Miles.			4.75
FAISALABAD DIVISION			
1	Khanki Division	Left Marginal Bund	21,000
2	-do-	Right Marginal Bund	33,650
3	Jhang Division	Jhang Flood Protection Bund	71000
4	Qadirabad Barrage Division	Left Marginal Bund	64938
5	-do-	Right Marginal Bund	106300
Total in feet.			296888
Total in Miles.			56.22
BAHAWALPUR ZONE			
1	Punjnad Head Works Division	Right Marginal Bund	70554
2	-do-	Left Marginal Bund	65169
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	115300
Total in feet.			266,023
Total in Miles.			50.23
MULTAN ZONE.			
1	Trimmu Division	Right Marginal Bund	54,000
2	-do-	Left Marginal Bund	46,000
3	Sulemanki Division	Left Marginal Bund	47,500
4	-do-	Right Marginal Bund	63,000
5	Shuja Canal Division	Right Bank of Shujabad Branch	48,000
6	-do-	Akbar Flood Bund	21,710
Total in feet.			280,210
Total in Miles.			53.07
D.G.KHAN ZONE			
1	Taunsa Barrage	Right First Defence Bund	23,500
2	-do-	Left Marginal Bund	133,200
3	-do-	Shahwala Groyne	66,000
4	Muzaffargarh Canal Division	Muzaffargarh Flood Bund	188000
5	-do-	Doaba Flood Bund.	19000
6	-do-	Khangarh Flood Bund	153,000
7	-do-	Shehr Sultan Flood Bund	134000
8	Jampur Construction Division	Jampur Flood Bund	170720
9	-do-	Laskani Flood Bund	26365

		Total in feet.	913,785
		Total in miles	173.06
LBDC(IP)			
1	Balloki Head works Division	Left Marginal Bund	28,350
2	do	Right Marginal Bund	26,500
		Total in Feet	54,850
		Total in miles	10.38
LAHORE ZONE			
1	FLOOD Bund Division Narowal	Jassar Highway Bund	20,000
2	do	Rayya flood Bund	40,000
3	Pasrur Link Division Sialkot	City Flood Protection Bund along Aik Nullah	7,340
4	do	Hajoipur Flood Protection Bund along Aik Nullah	86,000
5	do	Left Flood Protection Bund over deg Nullah from defence embankment to Zafarwala Kingra road	11,250
6	Marala Division UCC	Left Marginal Bund	68,639
7	do	Right Marginal Bund	6316
8	Lahore Drainage Div.	Shahdara Flood Protection Bund	15,750
		Total in Feet	169,295
		Total in miles	32
		Grand total in miles	

INFORMATION REGARDING FLOOD BUND CATEGORY B

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

		Total in miles	54.92
MULTAN ZONE			
1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000
3	Shujabad Canal Division	-do-	60,000
		Total in feet.	190,000
		Total in miles	35.98
D.G.KHAN ZONE			
1	Taunsa Barrage	-do-	80,000
2	KotAdu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
		Total in feet.	630,000
		Total in miles	119.32
LBDC (IP)			
1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000
		Total in feet.	100,000
		Total in miles	18.94
LAHORE ZONE			
1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
		Total in feet.	422,000
		Total in miles	79.92
PMO BARRAGES			
1	Jinnah Barrage	-do-	20,000
		Total in feet.	20,000
		Total in miles	3.79
		Grand Total (in miles)	350.76

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	9.5	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	11	1	1.5	2	4	6
	Qadirabad	9	1	1.5	2	4	6
	Trimmu	8.75	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	4.25	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 Mailsi Syphon	3 4	0.5 0.75	0.8 1.1	1.2 1.5	1.75 2.25	2.25 3

ANNEX XV: LIST OF BASIC TERMS

Acceptable risk

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

Biological hazard

Biological vectors, micro-organisms, toxins, and bioactive substances 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 the 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 that 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 particular 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.