

DISTRICT DISASTER MANAGEMENT PLAN 2025

Division: Lahore
District: Sheikhpura



IDP Camp in 2009



Earthquake



Floods in 2014



Fire incident at Lahori Gate, Lahore – Jan 2016

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202,471

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



Risk: Low

XX

Estimated number of people at risk of Hill Torrent in 2025



Risk: Low

40,494

Estimated number of people at risk of earthquake in 2025



Risk: Low

XX

Estimated number of people at risk of epidemic in 2025



Risk: Low

EXECUTIVE SUMMARY

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

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

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

As Sheikhupura is an industrial city and also hosts one of the largest Oil Depots situated at Machike, Sargodha Road which makes the district more vulnerable.

According to Board of Revenue, Punjab and Disaster Management Department / PDMA, earthquake jolts data also reveals that epicenters are also reported near Nankana Sahib the adjacent District of Sheikhupura. Keeping in consideration, comprehensive campaign to ensure safety measures in the District has been launched.

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

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

AIM AND OBJECTIVES

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

The main objectives of the plan include:

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

DISTRICT PROFILE

Socio-Economic Indicators (Average)

S.No.	Particulars	Numbers
1.	Population	4049418
2.	No. of Tehsils	5
3.	No. of Revenue Estates	672
4.	No. of Corporations	0
5.	Municipal Committees	10
6.	Town Committees	0
7.	Tehsil Council	0
8.	Population Density (people per km ²)	1081.58
9.	Family Size	7
10.	Pop Growth Rate	2.70
11.	Poverty Rate	15.48%
12.	Patient/Doctor Ratio	1000:1
13.	AMR	8.6%
14.	IMR	5.1%
15.	MMR	260/ILC
16.	Literacy Rate	65%
17.	Global Acute Malnutrition (GAM) rate	17.5%
18.	Severe Acute Malnutrition (SAM) rate	11.5%
19.	Percentage of population having access to clean drinking water	40%

Population

Total	Male	Female	Vulnerable People (disabled)
4049418	2079378	1969434	2147 (Blind, Deaf, Mute, Crippled insane, mentally retarded, multiple disability others)

Source/Note: Click here to enter text.

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

Area (in acres)

Total Area of District	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
919621	789399	774541	109689

Literacy Rate

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

Source/Note: Education Department

Government Schools

		Schools	Enrollment
Total/ Overall		1017	307462
Boys	Primary	376	59422
	Middle	80	21879
	High	85	60620
Girls	Primary	244	41113
	Middle	140	40120
	High	83	82855
Co-Education	Primary	0	0
	Middle	0	0
	High	0	0
Special Education		9	1453

Private Schools

		Schools	Enrollment
Total/ Overall		814	164089
Boys	Primary	0	0
	Middle	132	22606
	High	157	38642
Girls	Primary	0	0
	Middle	233	39613
	High	251	56759
Co-Education	Primary	36	6439
	Middle	0	0
	High	0	0
Special Education			

Higher/Technical/Professional Education (Public & Private)

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

Health Facilities

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	87	5	0	32	124
Annual OPDs	789605	1417525	0	231880	2439010
No of beds	305	874	0	239	1418
Doctors Available	94	383	0	117	594
Paramedical staff	371	208	0	148	727
Ambulances available	19	9	0	4	32
Mobile Medical Units					0

Livestock: Small Animals (goats, sheep etc.): 857584 Big Animals (cows, buffalos, camel etc.) 223662

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

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

Disaster History - Floods (since 1970)

S#	Year	No. of people affected	No. of deaths	No. of Revenue Estates affected	Houses Damaged (Partially)	Houses Damaged (Fully)	Compensation Paid (Rs.)	Financial Impact (including infrastructure damaged)
1	1973							0
2	1976							0
3	1988							0
5	2013	1557	0	6	0	0	0	0
6	2014	1461		16	0			0

General Information

Particulars	Detail																																																																	
Neighboring districts and their vulnerabilities	Nankana Sahib on South, Gujranwala and Hafizabad in North, Narowal on North-east, Sialkot on the East & Lahore on East																																																																	
Topographical Features	District Sheikhupura is bounded on the South by Nankana Sb, the North by Gujranwala and Hafizabad District, on the North-East by Narowal, Sialkot and Amrataser (India) districts, on the East by Lahore district. Main cause of Flood in District Sheikhupura is drainage system of Nikki Deg, Deg Nullah Bhed and Lilla and Mango ki Drain. Vulnerable tehsils of Sheikhupura regarding flood are Muridke, Ferozwala, Sharaqpur.																																																																	
Weather/Climate pattern	<p>e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc.</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Max.</th> <th>Min.</th> <th>Rainfall (mm)</th> <th>(Data based on average of 05 years) (No unusual feature in weather/ climate pattern)</th> </tr> </thead> <tbody> <tr> <td>Jan</td> <td>21.4</td> <td>04</td> <td>20</td> <td></td> </tr> <tr> <td>Feb</td> <td>27.5</td> <td>05.8</td> <td>28</td> <td></td> </tr> <tr> <td>March</td> <td>33.5</td> <td>08.5</td> <td>25</td> <td></td> </tr> <tr> <td>April</td> <td>39</td> <td>16</td> <td>04</td> <td></td> </tr> <tr> <td>May</td> <td>43.5</td> <td>19.8</td> <td>10</td> <td></td> </tr> <tr> <td>June</td> <td>44</td> <td>21.5</td> <td>15</td> <td></td> </tr> <tr> <td>July</td> <td>41</td> <td>23.7</td> <td>70</td> <td></td> </tr> <tr> <td>August</td> <td>37.5</td> <td>23</td> <td>80</td> <td></td> </tr> <tr> <td>September</td> <td>38.7</td> <td>21</td> <td>40</td> <td></td> </tr> <tr> <td>October</td> <td>37.4</td> <td>15.5</td> <td>03</td> <td></td> </tr> <tr> <td>November</td> <td>28.8</td> <td>06</td> <td>01</td> <td></td> </tr> <tr> <td>December</td> <td>25</td> <td>04.3</td> <td>05</td> <td></td> </tr> </tbody> </table>	Month	Max.	Min.	Rainfall (mm)	(Data based on average of 05 years) (No unusual feature in weather/ climate pattern)	Jan	21.4	04	20		Feb	27.5	05.8	28		March	33.5	08.5	25		April	39	16	04		May	43.5	19.8	10		June	44	21.5	15		July	41	23.7	70		August	37.5	23	80		September	38.7	21	40		October	37.4	15.5	03		November	28.8	06	01		December	25	04.3	05	
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Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels River Ravi (61 KM Approx) passing through Jajjo Gill, Bryar Kohna, Longwala, Old Jandyala, Kala Khatai, Goal, Ravi Siphon, Jabbo, Shahdra, Saggian, Faizpur, Bhadru, Bukanpura, Bohewala, Sharaqpur, Fatowala, Chakki ghara, Noorpur Arayan, faizpur Kala, Nawan pind, Nano Dogar.																																																																	
Major Nullahs / Streams	Names along with length in the district Flood levels Upper Chanab Canal, BRB Canal, MR Link Canal, Nullah Hussry RD 0+000- 116+426 (23.29 mile) discharge 4435 Cs falls in District Gujranwala, Deg Nullah RD 0+000-183+900 936.78 miles) discharge 15320 Cs Muridke – Narowal to outfall (DDC Channel), Bhaid Nullah R.D 0=0000-261+000 (52.20 mile) discharge 1777 Cs, Laila Nullah R.D 0+000-114+000 (22.80 mile) discharge 300 Cs, falls in District Sheikhupura and Nikki Deg Drain R.D 0+000-233+278 (46.66 mile) R.D 0+000-149+578 (29.92 mile) discharge 8102 Cs falls in District Sheikhupura and R.D 149+578-233+278(16.74 mile) falls in District Gujranwala Jaranwala Drain, Marh Drain																																																																	
Motorway/Highway	Vulnerable points of motorway/highway Faizpur Interchange, M2 Kot Abdul Malik interchange M2 Kalashah Kakoo M2 Kot Pindi Das, M2 Sheikhupura Interchange M2 Hiran Minar Interchange M2 Motorway M2 at Khanqah Dogran Qarshi Interchagne M-11, Lahore Sialkot Motorway. The said motorway shall blocked the flood water and low areas may be adopt the shape of ponds. M-3 (Lahore-Abdul Hakeem)																																																																	
Railways	Vulnerable points of Railway Shahdra railway station to Narowal railway track Sheikhupura to Nankana Track, Sheikhupura to Sargodha track Safdarabad Railway Station to Lahore Faisalabad Section																																																																	
Geological features	e.g. fault line, mountainous areas etc. There is no fault line and mountain area in Sheikhupura																																																																	

Major Embankments/Bunds

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

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

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Saba power plant	136Mw	X:73.9698 Y: 31.682	Muridke	234MW	X: 74.25 Y: 31.79
Joyianwala Hydral Power House	66-KV	X: 74.1134 Y: 317967	Ittehad Chemical	132-KV	X:74.2562 Y: 31.7641
Ayesha	132-KV	X:74.0368 Y: 31.7012	Narang	132-KV	X:74.51 Y: 31.90
Industrial Baig Pur	132-KV	X:74.0433 Y:31.8281	Sharaqpur	132-KV	X:74.0243 Y:31.6561
Sharaqpur road SkP	132-KV	X:74.0705 Y:31.4553	Sphire Power Plant	225MW	
Atta Abad	132-KV	X:74.0855 Y:31.6813			
Blessed SkP	132-KV	X:73.855 Y:31.6			
ICI Public SkP	132-KV	X:74.043 Y:31.6957			
Bhikhi power plant Skp	1180MW	X:73.855003 Y:31.600083			
Farooqabad	132-KV	X:73.8242 Y:31.7505			
Kala Shah Kaku	220/L132-KV	X:74.2639 Y:31.7412			
Shamke	132-KV	X:74.2697 Y:31.7061			

Airport / Landing Strips

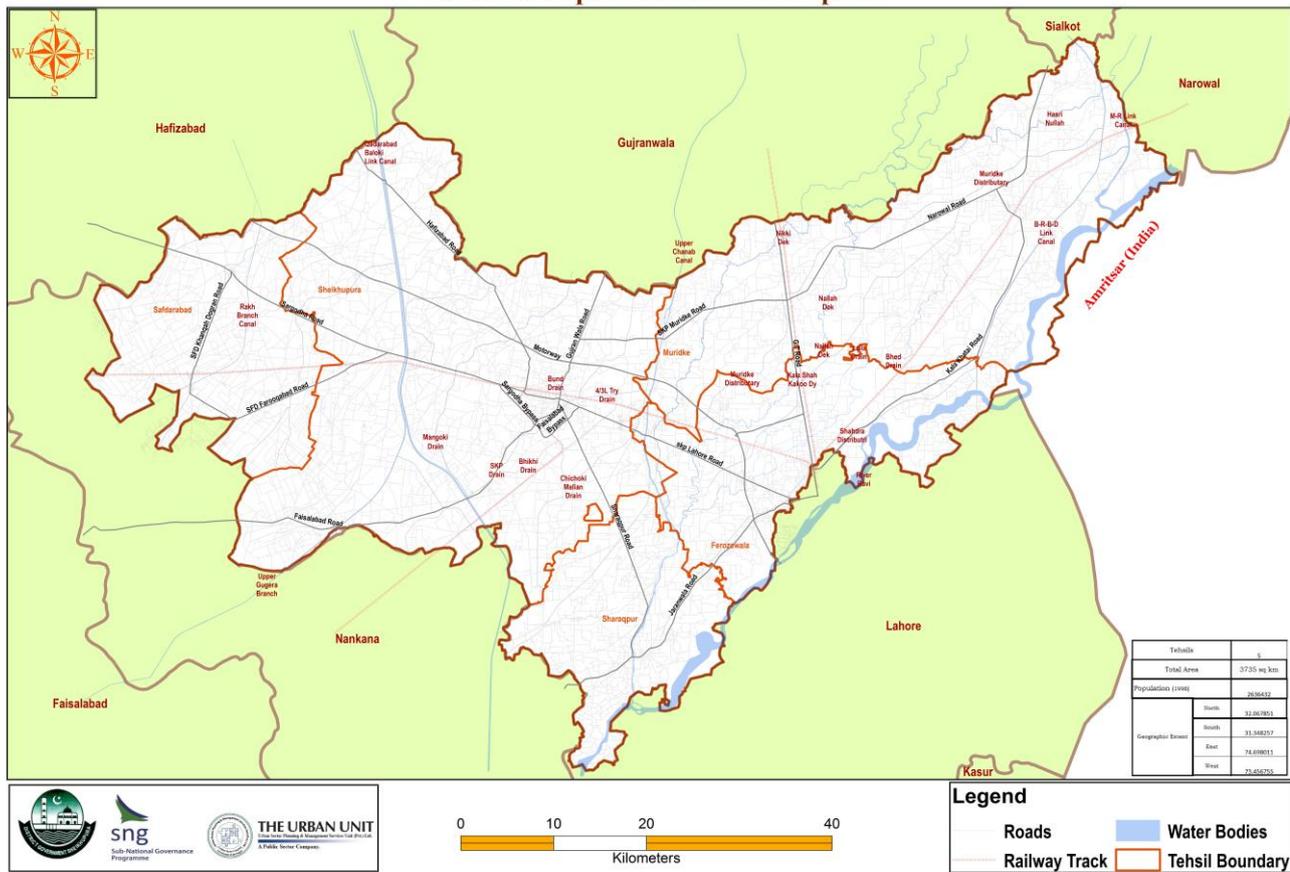
Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
Helipad	Govt College Ground	X:73.379889 Y:33.893789			
Helipad	Jamia High School	X:73.975788 Y: 31.720367			X: Y:
Helipad	Manawala Food Godown	X:73.691613 Y: 31.578995			X: Y:
Helipad	Farooqabad PC	X:73.825981 Y: 31.758133			X: Y:
Helipad	Jandiala Govt. School	X:73.922412 Y: 31.818622			X: Y:

Govt. storage facilities/warehouses in the district

Facility Type	Capacity	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
Foods Godowns Muridke	500 Tons	X: 73.26 Y: 31.79	Food Godowns Narang	500 Tons	X: 73.51 Y: 31.90
Govt. House type Godown Safdarabad	Standar 4000M.T Operational 5500M.T	X:73.573789 Y:31.728125	Govt. House Type Godown Khanqah Dogran	Standar 22500M.T Operational 30000M.T	X:73.580977 Y: 31.846980
Guest House Babakwal	0	X:73.365370 Y: 31.700950			X: Y:
Wandala Dyal Shah		X: 73.269433 Y: 31.632692			

District baseline/reference map

Baseline Map of District Sheikhupura



Source: District Government IT Section

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

Elevation: 236 m

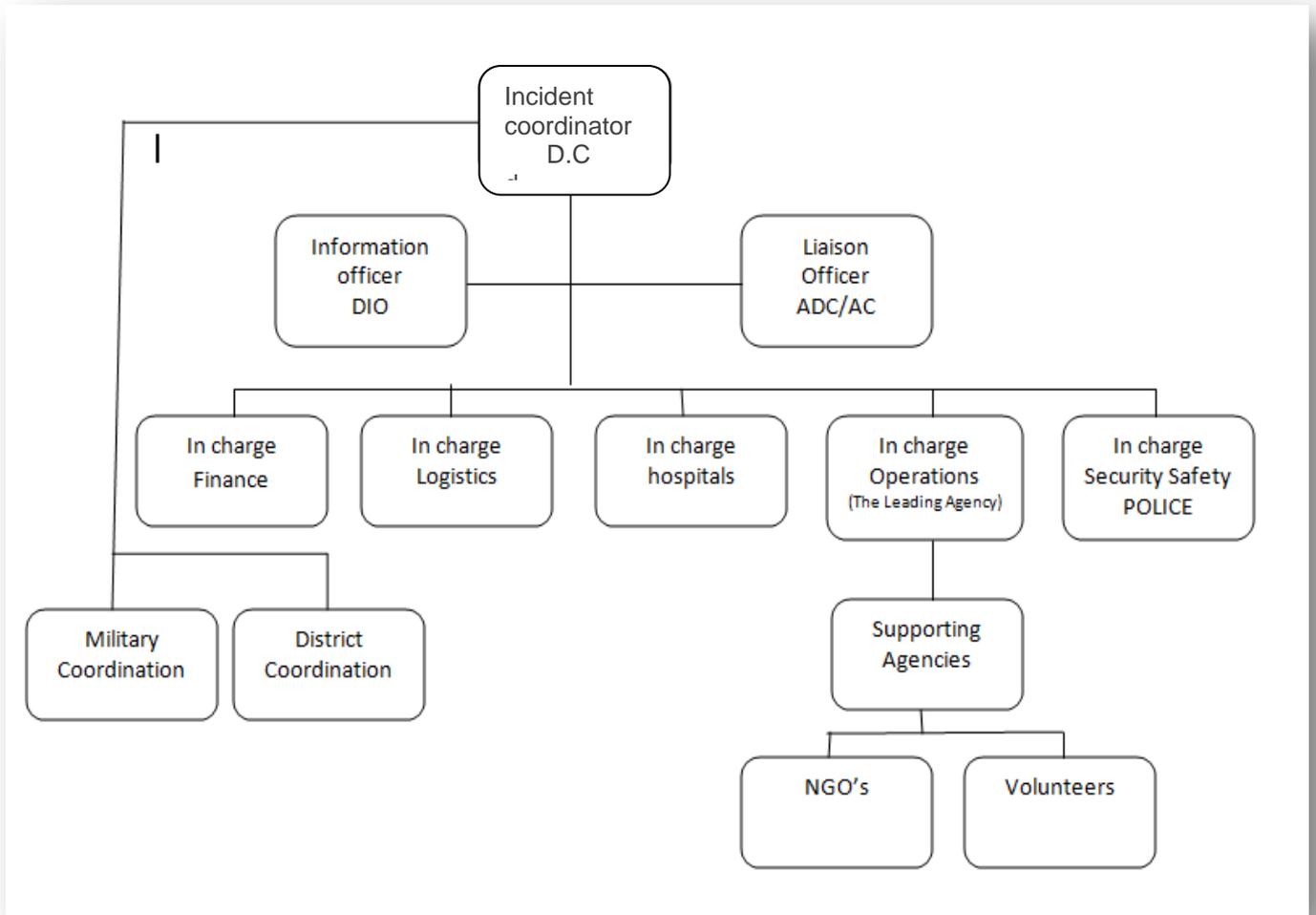
Area: 5,960 km²

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

Province: Punjab, Pakistan

COORDINATION MECHANISM

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



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

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

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

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

District Plan:

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

Additional Powers of District Authority:

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

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

Revenue Department (Functions and Responsibilities)

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

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of casualties, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defence and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

Checklist for Revenue Department:

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

Municipal Committees,

- Local Bodies plays an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.
- Local Bodies will provide assistance to the District Government for setting up and management of relief camps/ operations.
- Administrators Local Bodies are responsible for provision & restoration of water and sanitation facilities in their jurisdictions besides disposal of waste or rain water/sewerage.
- Local Bodies are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- 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 Administrators Local Bodies are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Administrators Local Bodies maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Administrators of Local Bodies should ensure supply of clean drinking in overhead reservoirs and ensure supply to the affected areas or relief camps through water bowsers. Clean drinking water is a major issue and requirement during any disaster.
- In case of any disaster that requires people to be relocated, the Administrators Local Bodies will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort, the local Municipalities manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defence 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 specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC.
- 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, 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 and Imam Masjid to make announcements etc.
- The tactical operations would be headed by the Additional Deputy Commissioner (Rev). The ADC(R) would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government was notified the following composition of DDMA's for whole of the province
 - i. **Deputy Commissioner (Chairperson)**
 - ii. District Police Officer
 - iii. Additional Deputy Commissioner (Rev)
 - iv. Two Elected Representatives to be nominated by the Chair
 - v. Representative of Pak Army
 - vi. Two Representatives of NGOs/Civil Society to be nominated by the Chair
 - vii. Additional Deputy Commissioner (Gen)
 - viii. Additional Deputy Commissioner (Finance)
 - ix. Executive Engineer (Highway)
 - x. Executive Engineer (Building)
 - xi. Chief Executive Officer (Health)
 - xii. Chief Executive Officer (Education)
 - xiii. Deputy Director (Social Welfare)
 - xiv. SP Special Branch
 - xv. XEN Irrigation / Public Health
 - xvi. District officer Civil Defense
 - xvii. Chairman Muncipalities
 - xviii. All Chief Officers of MCs in the District
 - xix. District Emergency Officer, Rescue 1122 (**Secretary**)
 - xx. Representative of Red Crescent
 - xxi. Such other District level Officers to be appointed by District Government
- District Governments must establish a Disaster / Flood control room at the DC's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated

information regarding the threat of disaster and statistics post disaster. The centre will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.

- The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Chief Executive Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- Deputy Director Agriculture (Extension) and Additional Director Livestock would arrange fodder and feed supplement for livestock and animals displaced.
- District Regional Transport Authorities (DRTA) in all districts of Punjab are managed by Secretaries who would coordinate with local transporters to arrange for arranging transport required for evacuation of people from affected areas. In case of shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

Pre-disaster Check list for DDMA

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

Disaster Emergency Control Room (functions and responsibilities)

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

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

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

Checklist for Control Room:

- Dedicated Staff as per magnitude of the disaster
- Duty 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 Centre Incharge
- Each shift in-charge to contact District Control Room on arrival and then on departure
- In-charge will keep close liaison with SHO of the respective area
- No of affectees in camp (sick, aged and children) shall be communicated daily

- Availability of at least one emergency vehicle at centre be ensured
- Keep record of private boat owners and their contacts details
- List of Doctors and private hospital in the vicinity
- List and contact of philanthropists in the vicinity
- Keeping record of donations coming directly to Centre and report the same to Tehsil and District Incharge.
- Centre Incharge shall ensure vaccination of animals and humans against Communicable diseases
- List of missing persons must be displayed at all Relief Camps

Civil-Military Coordination Mechanism

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

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

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 paramedic staff.

Detail of flood Rescue Teams, 2025

The following teams have been established based on previous practices these would be deployed at the suspected areas/ vulnerable sites of flood when and where need arise on immediate basis. The purpose of these teams would to search and Rescue the flood affectees only towards safe place.

Team #1

TEAM LEADER: M.Kashif

Name	Desig.	Contact No.
M.Kashif	LFR	0322-5019979
Fazal Mehmood	FR	0300-4848611
M.Kashif	LTV	0301-4757506

Team #2

TEAM LEADER: Ubaid Ullah

Name	Desig.	Contact No.
Ubaid Ullah	LFR	0336-3341122
M.Zeshan	DR	0321-9900088
Imran Ashraf	FR	0300-4589566
Nadir Ali	LTV	0333-4009656

Team-3

TEAM LEADER: M. Adnan Abbas

Name	Desig.	Contact No.
M.Adnan Abbas	LFR	0300-6507518
Tasawar Abbas	DR	0345-6303613
Ghulam Murtaza	FR	0343-3154509
Waqar Hussain	FR	0332-4746047

Team-4

TEAM LEADER: Adnan Rasheed

Name	Desig.	Contact No.
M.Adnan Rasheed	LFR	0307-4330027
M. Sohail	DR	0333-4025730
Ahmed Raza	DR	0321-4359355
Shahid Iqbal	DR	0301-2631122
M.Azam	FR	0333-6775466

Relief Camps at River Ravi Sheikhupura

Sr.	Detail of flood Relief camps at River Ravi, Sheikhupura
1	Jandiala Kalsan Narang Mandi, Tehsil Muridke
2	Talwara Paar Village , Tehsil Ferozwala
3	Babakwal, Kala Khatai Tehsil Ferozwala
4	Lathay Pur Ghazi Kaka Stop, Tehsil Ferozwala, SKP.
5	Bholay Shah Village , Tehsil Sharaqpur Sharif
6	Govt. Primary school, Bukanwal Ferozwala, SKP

Pre-Flood Mock Exercise, 2025 District Sheikhupura (16th April)



Flood Fighting Equipments /Strategic Reserves

Items	Available	Functional	Non-Functional	Extra Demand
Boats	24	24	0	0
OBM	19	19	0	0
De-watering sets	83	77	6	0
Navigators	0	0	0	0
GIS devices	0	0	0	0
Life Jackets	250	250	0	50 baby L.J
Life Ring	78	78	0	0
Life Lines	0	0	0	0
Scuba diving suit with complete accessories	8	4	4	0
First Aid Kits	50	50	0	0
Rescue Bag	3	3	0	0
Safety Harnesses	6	6	0	0
Ambulances	28	28	0	0
Fire Brigade	9	9	0	0
Water Tanks / Bouzers	15	15	0	0
Extendable Ladders	0	0	0	0
Hydraulic Cutter	2	2	0	0
Sonar Rader	0	0	0	0
Jumping Sheet	1	1	0	0
Dumpers	0	0	0	0
Excavators	1	0	0	0
Cranes	0	0	0	0
Bulldozer	7	7	0	0
Boat Carrier/Trolleys	3	2	1	2
Pickups/Jeeps/4x4 vehicles/Mini Trucks	3	3	0	0
Searchlight	0	0	0	20
Tent	30	15	15	100
Mosquito Net	0	0	0	0
Plastic Mat	10	7	3	0
Blanket	100	73	27	0
Any other main relief/rescue equipment	0	0	0	0
Generator Sets	3	3	0	2
Gas-Cutters	0	0	0	0
Sonar Radars	0	0	0	0
Scuba Diving Set	8	6	2	0
Navigator/GPS Tracker	0	0	0	0
Floating Rope	0	0	0	0

CIVIL DEFENSE ROLE IN FLOOD EMERGENCY

Civil Defense shall take part in rescue, evacuation and relief operation and shall also arrange watermen ship training of Civil Defense personnel and volunteers. The department will prepare a scheme for providing adequate number of volunteers for coordination of rescue activities and to manage relief centers.

A nominal role of civil defense personnel's is deployed at DEOC.

Sub control Center

Civil Defense flood control center at Civil Defense Office Sheikhupura will also be established (Round the clock) with its telephone No. 056-920048-49 to meet any emergent situation under the supervision of flood control centre which has been established at Deputy Commissioner Office Sheikhupura.

Reserve Civil Defense Volunteers for Relief purpose during flood Emergency is as under:-

Tehsil Name	No. of Volunteer
Tehsil Sheikhupura	60
Tehsil Murikde	20
Tehsil Ferozwala	10
Tehsil Sharaqpur Sharif	10
Tehsil Safdarabad	10

All instructors incharge Warden Posts will be responsible to provide the Volunteer on the time of flood emergency and directed to conduct the training classes of volunteers during the month of June, 2025.

Rachna Drainage Division, Sheikhupura.

Location

The jurisdiction of Rachna Drainage Division, Sheikhupura falls within Gujranwala and Sheikhupura Districts.

The fertility of area of these districts is directly related to the efficiency of the drainage facilities provided to these districts. It has to carry the surface run off and the inter-flows of the Upper Districts i.e. Gujranwala, Sialkot and Narowal.

General Description

The important natural Nullah in the jurisdiction of Rachna Drainage Division Sheikhupura viz Deg Nullah (D/S Muridke Narowal Road to outfall). This Nullah enter in to Pakistan from Indian held Kashmir. During monsoon season, this Nullah spill over at different locations creating havoc for human life and property

Apart from this arrangement, a comprehensive drainage system has been provided to these areas, which cater for the drainage of approximately 1275 Sq: miles of the catchment area. This drainage network mainly comprises: -

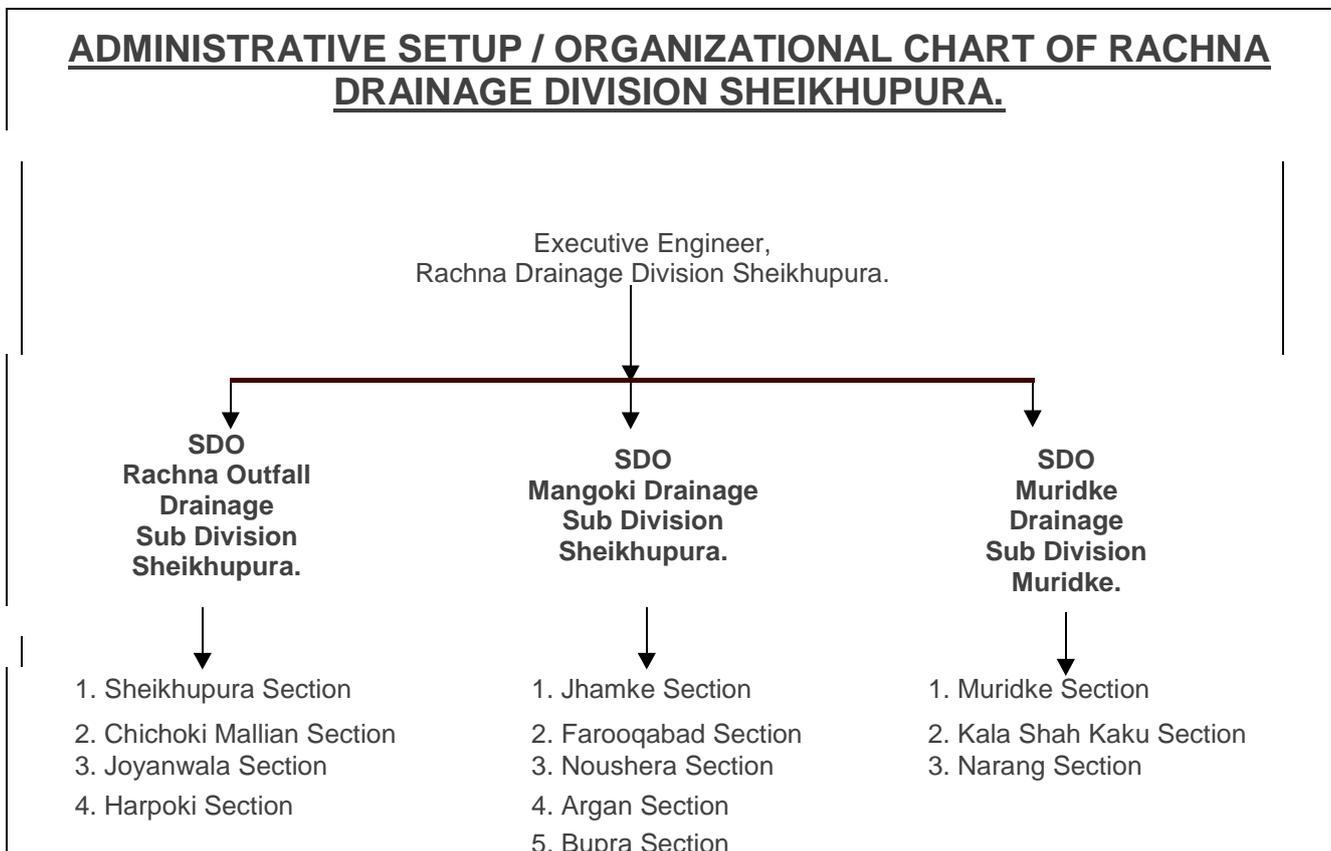
1. Mangoki Drainage System.
2. Warn Drainage System
3. Isherke Drainage System
4. Gujranwala Drainage System.
5. Chichoki Mallian Drainage System
6. Nikki Deg Drainage System
7. Main Deg Drainage System
8. Independent Drains.

The above drainage systems outfall into Main Deg Nullah, Nikki Deg Drain and Q.B. Link. This Division has 75 No drains, large and small, having a total length of 917.64 miles cater for carrying 73075 Cs, of authorized discharge. These drainage systems act as a backbone for the riverine Districts, which are bounded by the Q.B. Link Canal, Muridke Narowal Road and River Ravi.

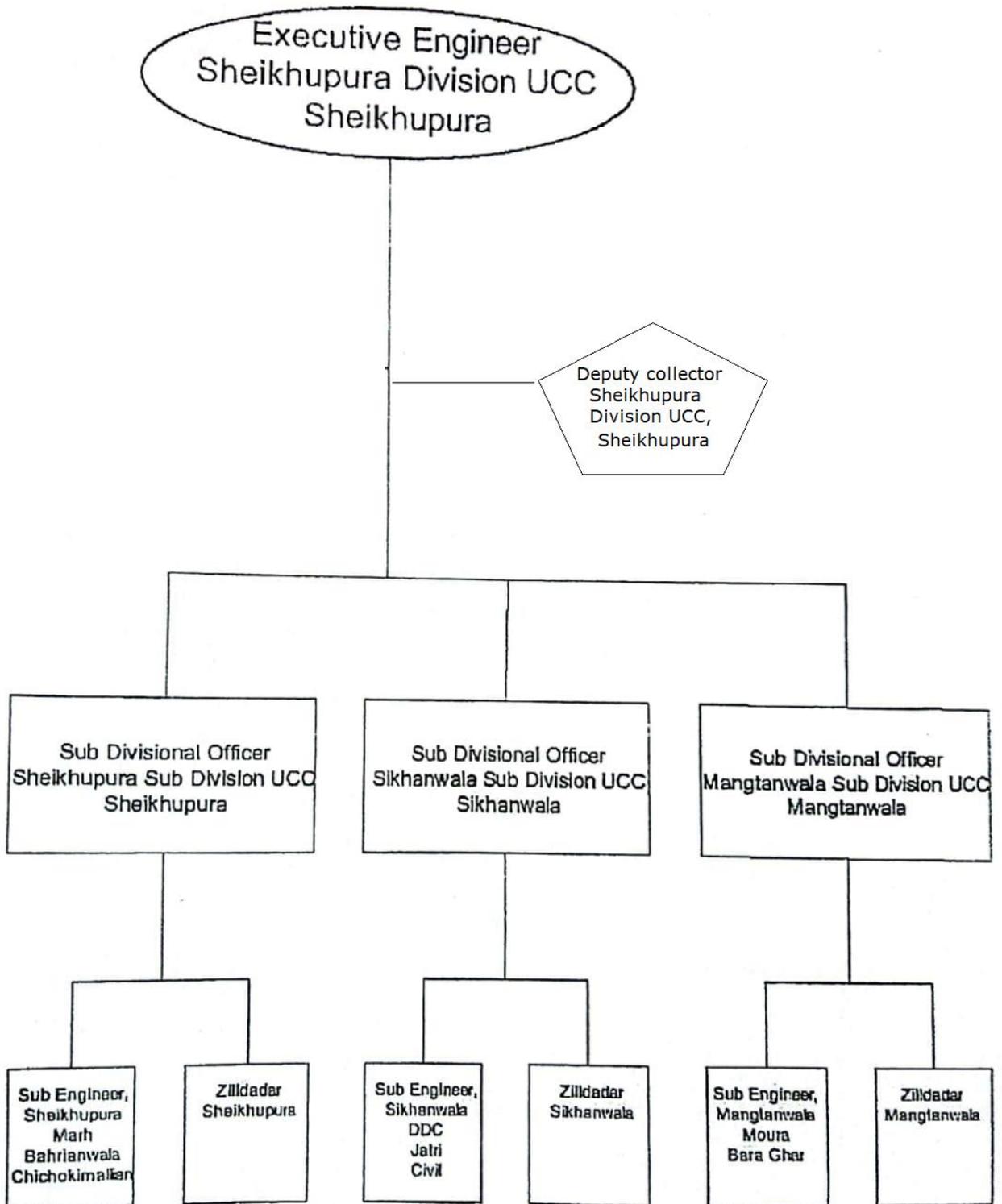
Three bunds along drains were constructed in District Sheikhupura in order to save the important towns and other public infrastructure of vital importance from major inundation to drains. These are tabulated as below: -

Administrative setup

The Administrative setup of the Division is as under.



ADMINISTRATIVE SETUP



ROLE OF ALLIED DEPARTMENT IN FLOOD/ MONSOON

In order to cope with flood emergencies, all possible measures of prevention and preparation in accordance have been planned.

DISTRICT POLICE OFFICER

The District Police Officer, Sheikhupura will ensure the following arrangements:-

- To maintain continuous communication through wireless / telephone with the Control Room (DEOC) established in the office of the Deputy Commissioner, Sheikhupura.
- Necessary arrangement for the protection of public/ private property and personal provisions lying within the damaged abandon areas.
- Provision of police personnel for the physical rescue and relief duties.
- To prepare an advance list of volunteers for the flood control and relief operation and supply the same to the District Flood Relief camps.

DISTRICT HEALTH AUTHORITY.

- The District Health Authority shall ensure that people of areas likely to be affected by the flood are vaccinated against epidemic diseases much before the start of flood season.
- He will ensure that adequate number of doctors is posted at each flood relief camp. These doctors will assisted by medical staff required by them. The flood relief camps will be established inside the flood affected areas/villages (appropriate area).
- He is to ensure the availability of adequate medicines of all types including anti-snake serum at the flood relief camps.
- The mobile medical teams shall visit flood-affected areas for inoculation and treatment of flood affected persons on emergency basis.
- The Medical Superintends of DHQ and THQs will ensure availability of duty Medical Officers on time in their respective hospitals, Basic Health Units and Rural Health Centers. All types of medicines have to be arranged to provide relief in case of emergency.
- Identification sensitive/affected areas in the District and its grading as high affected, moderately affected and less affected areas.
- Identification of diseases to be controlled.
- Established of first aid emergency camps (Static and mobile teams).
- Deputed trained health staff to deal with emergencies.
- Developing better collaboration/ cooperation with allied sectors and support units/agencies.
- Supervision/monitoring.
- Timely reporting and feedback at each level.

DISTRICT FOOD CONTROLLER.

The District Food Controller, Sheikhupura will ensure the following arrangements:-

- The District Food Controller, Sheikhupura will ensure that adequate stock of wheat is available to supply the food in the flood/ rain affected areas.
- He will assign the duties to his staff, Sector wise, with directions to remain in touch with the sector officers concerned, so that in case of any emergency the supply of food could be continued to the flood affected persons without any loss of time.
- In the event of flood, the District Food Controller will ensure that there is no scarcity of food grains in the affected areas. In case there is shortage, he will make immediate arrangements for its supply in such areas.
- The District Food Controller will also arrange mobile squads for the supply of food.

CHIEF EXECUTIVE OFFICER (EDUCATION)

Temporary relief Camps will be set up in schools of flood affected areas. The CEO (Education) Sheikhupura should give instructions to Headmasters of High, Middle and Primary Schools to vacate the school buildings in case of any flood emergency as per need.

EXECUTIVE ENGINEER DRAINAGE

A vast network of drains in District Sheikhupura was desilted. It was due to this work that the people of the low lying areas remained safe from the havoc of the last year's rains.

The Executive Engineer, Drainage will ensure the proper maintenance of drain's bank during the flood season. He should further ensure that there is no breach caused due to pressure of water. He will also ensure the desilting of important drains before the monsoon season.

DISTRICT OFFICER LIVESTOCK

The District Officer Livestock will ensure adequate arrangements of the following:-

- Suitable arrangements will be made for accommodating and evacuation of the cattle from the flood affected areas.
- Make necessary arrangements for providing fodder to the cattle evacuated from the flood-affected areas.
- Ensure timely inoculation of animals in vulnerable areas and post his permanent staff to look after the animals.
- He will also ensure that sufficient quantity of medicines is available in the stocks to meet the flood emergency.

HIGHWAYS DEPARTMENT.

- The Executive District Officer (W&S) will ensure that the traffic highway road are kept in proper shape in case of any flood emergency so that there is no hindrance in the normal flow of traffic.
- Adequate stock of stone and necessary material should be kept readily available at all important points with view to effect repairs of damaged portion of road of emergent basis. The District Officer, Road/XEN, Provincial Highway should keep close watch on highway roads in Sheikhupura District and ensure that these are kept in proper shape for normal flow of traffic.

➤ SECRETARY DRTA.

- There shall be a transport cell at the District Headquarters under the charge of Secretary DRTA with active coordination of DSP Traffic. This cell shall requisition on payment vehicles from other departments as well as Public Sector. The Secretary DRTA is to take cognizance of the demand of the respective Assistant Commissioners and make necessary arrangements well in time to deal with any flood like catastrophe. He /She will have to make available vans, buses and cars etc. to shift flood-affected masses to safer places and also for all the special official movements of various officers of the concerned departments.

EXECUTIVE DISTRICT OFFICER (WORK & SERVICES),

- The major function of the Executive District Officer (Work & Services), Sheikhupura is to ensure proper maintenance of Highways, repair of culverts on roads and alternate arrangements in case highways/ roads are adversely affected by floods/ heavy rains. He will ensure that traffic is not blocked at any time.
- The EDO (Work & Services), Sheikhupura will ensure the proper maintenance of roads under his jurisdiction and to carry out repair wherever necessary. Moreover, he should make alternate arrangements in case roads are damaged due to flood/ rains. He should also visit the affected areas personally and remain in-touch with the Sector Officers. He will also provide labour if required.

Volunteer Network

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

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

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

Detail is as under:-

- | | | |
|--------------------------------|---|------|
| 1. Registered Volunteers | : | 2519 |
| 2. Activated Volunteers | : | 1296 |
| 2. Coordinated with the Deptt. | : | 300 |

RISK ANALYSIS

1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk (1-25)
Floods	2	3	6
Urban Flooding	1	4	4
Flash Floods	0	0	0
Hill Torrent	0	0	0
Glacial Lake Outburst Flood (GLOF)	0	0	0
Landslide	0	0	0
Tornado	0	0	0
Earthquake	1-2	1	1
Drought	0	0	0
Epidemic (COVID-19)	0	0	0
Fire Incidents	2	2	4
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	2	3	6
Environmental Hazards (industrial accidents, severe pollution etc.)	1	2	2

Risk = Impact x Likelihood

Low : 1-7
 Medium : 8-14
 High : 15-25

2. Hazards

- Disasters occurred over the past two to three decades and their impact on communities and development sectors
- Provide a brief description of the hazards being planned for (medium and high risks), including potential location that could be affected;
- Briefly outline the triggers
- Sheikhupura District had experienced worst flood during the year 1959. Drains in the area over flew and floodwater entered into Sheikhupura City causing devastation. Other high floods had been faced during 1973 and 1976, damaging the crops badly and human settlements. In 1988, exceptionally high flood in the River Ravi threatened the life and property of inhabitants of Sheikhupura District, especially Tehsil Ferozewala. During 1997, the area received heavy downpour to the extent of 283mm within 48 hours in the last week of August, created havoc in the entire District due to newly constructed Motorway, which erupted the natural flood plain, causing heading up of the surface run off and inundated vast area and was alarmed to human life. Accumulative surface run off found its way through the drains, which had lost their carrying capacity due to deferred maintenance for the last couple of years.
- In year 2013, 40711 Cs discharge was recorded on 15-8-2013. This flood water inundated vast areas of Tehsil Muridke and Ferozewala along with the Nullah results in damages of the properties, infrastructure and social life badly. This situation has to faces due to inadequate capacity of the Nullah Deg to accommodate such exceptional high floods.
- During September, 2014 Sheikhupura district witnessed one of the most extensive floods in its recent history. This was mainly caused by heavy rains in the catchment area / excessive water flow in drains passing through it particularly Deg Nullah, SKP Drain, Bhed Nullah, Laila Drain etc. These hit large parts of Muridke & Ferozewala Tehsils.

Triggers Factors:-

- Due to illegal encroachment and construction of the buildings on the water way of Nullah Deg its existing capacity is decreased
- Flood situation faced due to inadequate capacity of Nullah to accommodate exceptional high flood.
- Nullah Deg channelized from BRB Canal to Muridke Narowal Road (Typyala Dost Muhammad Bridge) upstream BRBD and downstream of Muridke Narowal up to its out fall and it is the point from where the water damage the crops and population in Muridke & Ferozewala

FLOOD DUE TO RAINY NULLAHS

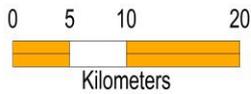
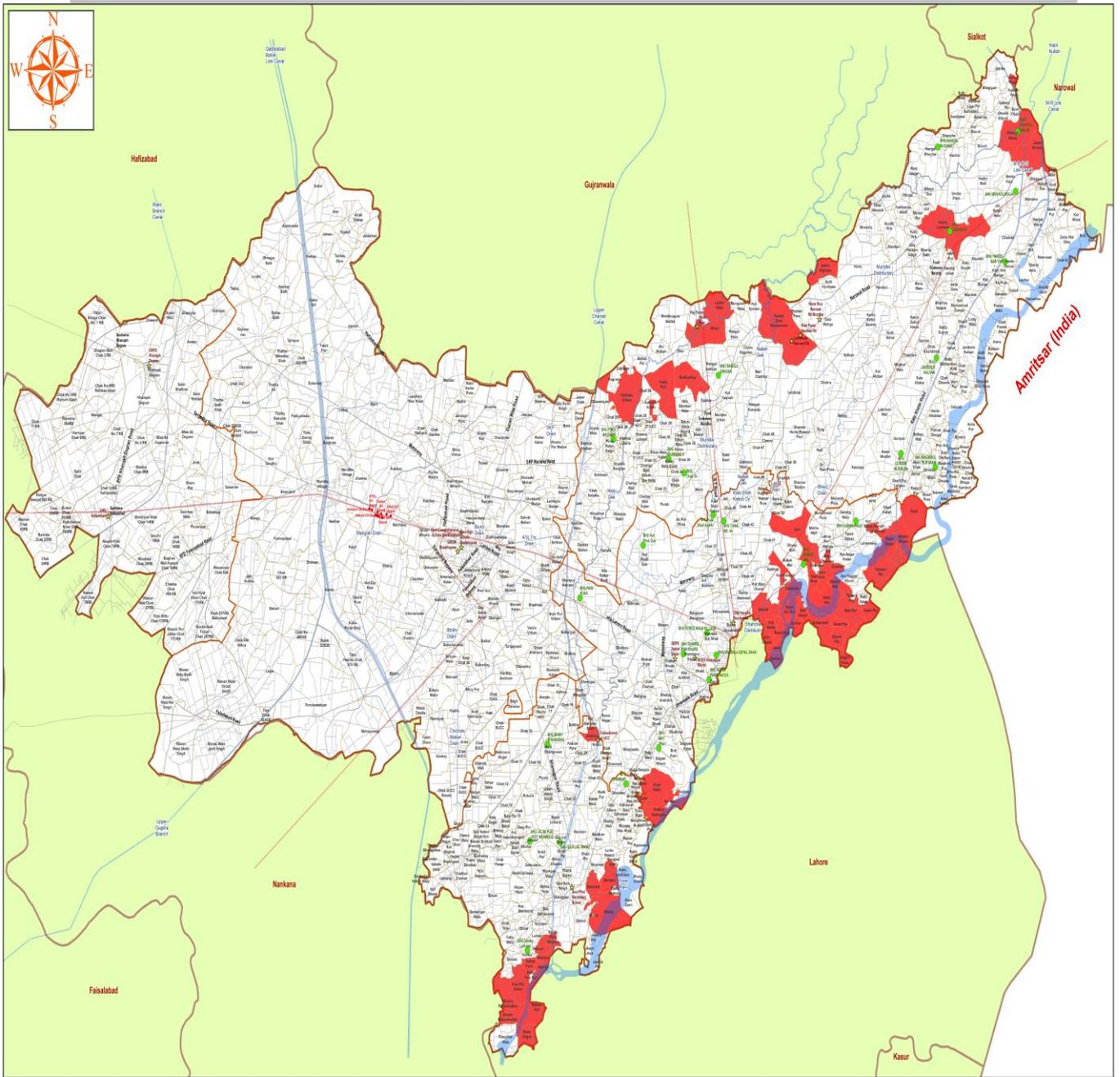
Sr #	Water Bodies	Starting	Ending Point	Length in Tehsil (Km)			
				Tehsil Muridke (KM)	Tehsil Ferozwala (KM)	Tehsil Sharaqpur Sharif (KM)	Total length in District
1	Nikki Deg	Anayat pur/ fatepur	Dhingan/ Upper Chenab Canal	Ladheky Virkan to hadiala 30Km	Hadiala to Kallah 06 KM	Kallah to Dhingan 07KM	43 KM
2	Lillah Deg	Mehay	Ghulfashan Town/ Bedh Degh	-	14KM	-	14KM
3	Main Deg	Sakror Zafarwal, Dist:Narowal	Niazi Dera Marh Bhangwan/ Upper Chenab Canal	Chakkian wala to chak 46 30KM	Chak 46 to Bhattian wala 24KM	Bhattian wala to niazi dera 09KM	63 KM
4	Bhed Deg	Ladheky	Bansinagar/ Main Deg	Ladhkey to Sari Rampura 26KM	Sari Rampura To Mominpura 30KM	Mominpura to bansinar 05 KM	61 KM

Vulnerable Areas at Rainy Nullahs

District	Vulnerable Areas	Length of Nullah in KM	Cusec Capacity	Starting & Ending Points
Sheikhupura	<u>Deg Nullh Surrounding Villages Detail:</u> Ithad Chemical, Shamkay, kot pindi das.	63	19361	Sakror Zafarwal, Dist:Narowal to Niazi Dera Marh Bhangwan/ Upper Chenab Canal
	<u>Nikki Deg Nullah Surrounding Villages Detail:</u> Raj pura, Dahar,Fateh Pur,Khatyla	43	7632	Anayat pu to Upper Chenab Canal
	<u>Bhed Nulla Surrounding Villages Detail:</u> Hardo laday kay, Burray oth,Pandori,Momin Pura, and Bhansi Nagar.	61	1777	Ladheky to Bhansi Nagar
	<u>Laila Nulla Surrounding Villages Detail:</u> Mahay, Darorr Hindh,Chak no 49,Ratan Pura,Jeer, Rana Town, Gulfishan Town.	14	300	Mehay to Gul fishan Town

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

DISTRICT SHEIKHUPURA MAP FOR FLOOD MANAGEMENT PLAN



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

Source: District Government IT Section

Flow of River Ravi in Sheikhupura

Starting point Of Ravi	Ending Point of Ravi	Length of River Ravi in Tehsils (Km) Sheikhupura						Total length in District
		Tehsil Muridke (KM)		Tehsil Ferozwala (KM)		Tehsil Sharaqpur Sharif (KM)		
Kot Nainan, Shakar garh Dist: Narawal	18 Hazari District Jhang	Start	End	Start	End	Start	End	61km
		Village Stop Ghar	Maqbool Pur Mayani	Dodahy Village	Bukanwal	Saadpur village	Dhalla Village	
		21km		22km		18km		

(River Ravi enter in tehsil Muridke, later in tehsil Ferozwala and then in District Lahore. It again enter in Sheikhupura in tehsil Sharaqpur Sharif and then in District Nankana Sahib)

FLOOD DISCHARGE GUIDE LINE River Ravi

CATEGORY OF FLOOD	JASSAR	Ravi Syphon	SHAHDARA
Low Flood	50,000 cs	40000 Cs to 65000Cs	40,000 cs
Medium Flood	75,000 cs	65000Cs to 90000Cs	65,000 cs
High Flood	100,000 cs	90000Cs to 135000Cs	90,000 cs
Very High Flood	150,000 cs	135000Cs to 180000Cs	135,000 cs
Exceptionally High Flood	200,000 cs	180000Cs and above	180,000 cs

Flood in Ravi:

When water capacity Increases in Ravi then flood conditions happened, to save Lahore area need breach Ravi in Haji kot kala khatai road RD 55 To RD 65.

When breach the Ravi then water flow in different areas . . .In this condition water flow through different villages, like Kot Mor Chan, Fateh Rehan, Pakhyala, Seri Ram pura, Mikhou wali, chak 39, chak 40, chak 42, chak 43, chak 45, Goal, Kala khatai, Harido, Pathan Dhenghai, Peero kot, Goryan, Kala sha kaku, Feroz wala, bholay andron, bhattia wala, people colony, Dargai Gill, Bullay dasan wal, Bhulay bhane wal, Dargai gill Qadeem, Babu Cubal, Gujjar pura, Dargai gill jadeed, Awan pur, Rakh awan, Ali pur tibba, Ullu multan, Bhattian wala, Nangal Essa, Mandi Ratan singh, Malho, Mandyal, Marri, Missofn, Momon pura, Dheer, Khaki, Chak 27, chak 28, Shark pur khurd, Taj colony, Nizam pura, wandyala dhyal shah, Faisal town, Millat Tractor, Rehmat colony, Jiya mossa, Kot Manto, Lajpat nangar, Shahdra chowk, Begum kot, Farkha bad, Baddo, Kot Abdul malik, Khanu wal, burj atari, Abdul khair, Faiz pur, Ghazi pura, Chak Kallan, Chak 15, chak 16, Chak 20, Chak 21, Chak 22, Thata Khuda Yar, Kishan pura, Sigo wal, Faiz pur, Nizam pura, Dhamkay, Rora, Nain sukh, Motor way Bridge, Arain, sad, Magar, Javad Pur, Lutkay, Matan wala, Rajian, taraday wali, Saghian bridge, and Bridge, then drain again into Ravi River

Relief Camps at River Ravi Sheikhupura

Sr.	Detail of flood Relief camps at River Ravi, Sheikhupura
1	Jandiala Kalsan Narang Mandi, Tehsil Muridke
2	Talwara Paar Village, Tehsil Ferozwala
3	Babakwal, Kala Khatai Tehsil Ferozwala
4	Lathay Pur Ghazi Kaka Stop, Tehsil Ferozwala, SKP.
5	Bholay Shah Village, Tehsil Sharaqpur Sharif

Response & Operational Capacity

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

1. The main capacity of the district for handling any disaster is the Rescue 1122 department which has been declared Punjab Disaster Response Force by the PDMA.
2. There are almost 474 trained Rescuers who can handle drowning emergencies, fire incidents, road traffic accidents, other major incidents and disasters like floods, environmental disaster, building collapse etc.
3. Another main capacity of the district is the police department. The police staff deputed in any disaster is the key element for the evacuation of the victims to the safe places/ relief camps. The police department is also responsible for provision of security to staff of other agencies working in the disaster area.
4. Civil Defence with its volunteers is another strong capacity of the district during the disaster.
5. Health department is responsible for providing first aid facility to victims along with the Rescue 1122.
6. Education department provides the buildings of schools situated in the disaster areas for relief camps.
7. Irrigation department with its heavy machinery & equipment provides the service of strengthening of embankments, construction of usable routs within flooded areas and it continuously keeps any eye on the water level in rivers and canals.
8. Revenue department with other government departments look after the provision of food, drinking water etc to the victims and for the assessment of damages resulted by the disaster to the disaster prone areas.
9. Total NGOs working in the District is 44

Gaps and Constraints

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

MITIGATION STRATEGY

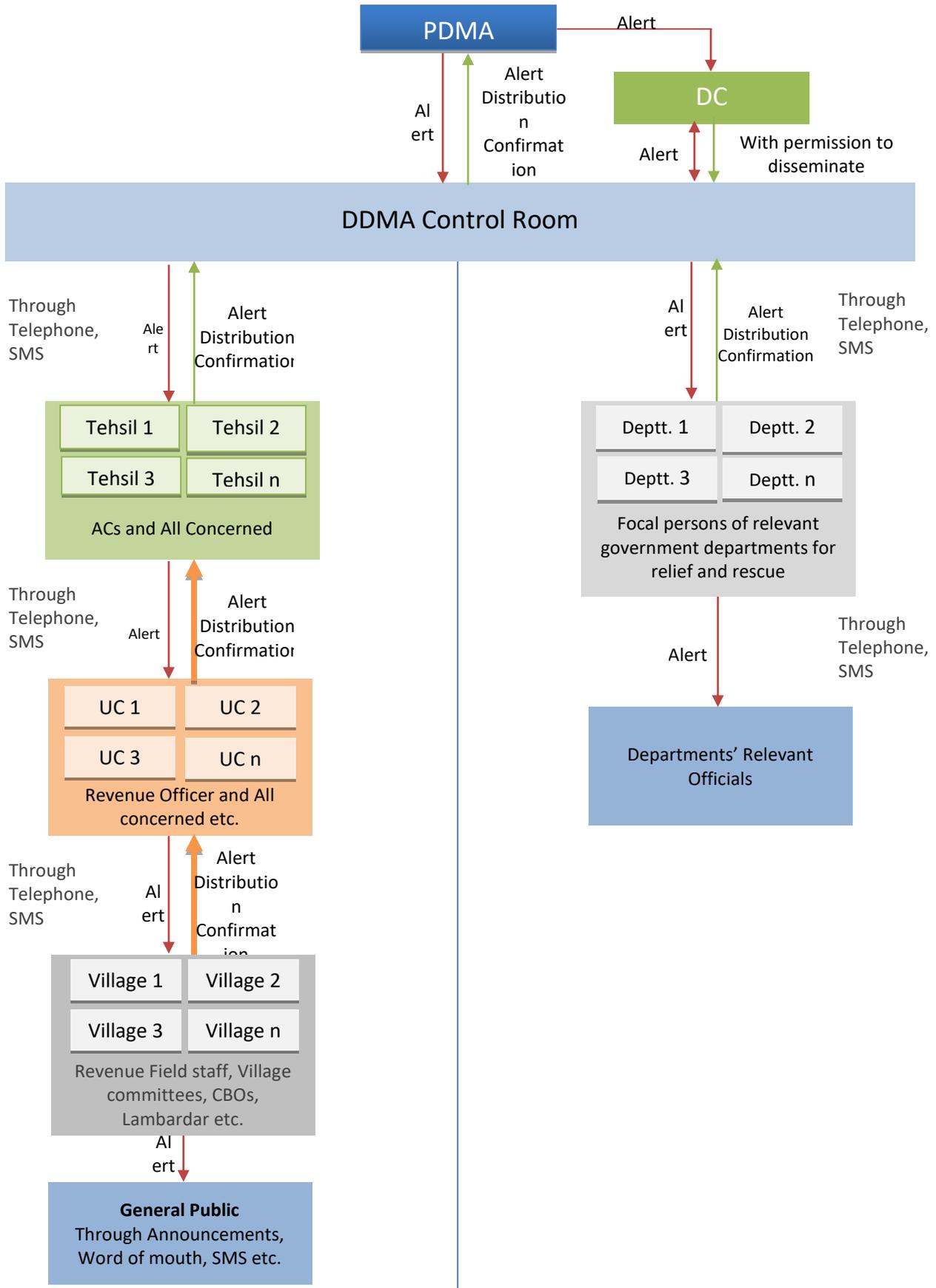
- ✓ Briefly describe what measure could be taken to reduce the impact of the potential disasters.
- ✓ Strategic pre-positioning of available relief stocks
- ✓ Public education and community awareness

Hazards	Mitigate Actions	Responsible Department
Floods	<ul style="list-style-type: none"> • Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment for ways or any other purpose. • An awareness campaign regarding different measures to meet the flood situation details of low lying areas, Flood Forecasting and Warning System, Hazards Map, Detail of Flood Relief Centers/ Evacuation Centers, Evacuation Procedure and other preventive and precautionary measures etc. has been scheduled 	Irrigation District Govt
Urban Flooding	<ul style="list-style-type: none"> • Cleaning of sewerage • Community awareness • A Flood evacuation drill/Mock exercise shall be conducted under the supervision of Deputy Commissioner, Sheikhupura before monsoon season 	DISTRICT GOVT RESCUE 1122 ALL Local Bodies Flood mock exercised has been done dated 16 th May, 2024
Flash Floods	<ul style="list-style-type: none"> • Construct surrounding bunds around vulnerable areas • Don't allow people to construct their houses at vulnerable areas. • The de-silting of nullahs, canals and rivers. • Diverting water of nullah and canals. • All Local Bodies, Rescue 1122, Civil Defence, Volunteer Organization, Community and other concerned departments with the help of multimedia presentations and especially designed documentary on Flood Risk Management as prepared by the Task Force on Flood Risk Management 	Irrigation District Govt Rescue 1122 All Local Bodies.
Hill Torrent	Nil	
Glacial Lake Outburst Flood (GLOF)	Nil	
Landslide	Nil	
Tornado	Nil	
Earthquake	<ul style="list-style-type: none"> • Assesment of dangerous buildings • Constructing earthquake resistance buildings 	Executive Engineer (Building) and other concerned departments
Drought	Nil	

Epidemic	<ul style="list-style-type: none"> • Awareness regarding personal and environmental hygiene during Epidemics • Quick approach to the health facilities for rapid response and treatment of the diseases accordingly. • Relevant medical camps in the prone areas. 	District Administrations and HealthDepartment
Fire Incidents	<ul style="list-style-type: none"> • Survey of vulnerable buildings • Survey of vulnerable factories • Implementation of building codes. • Training of employed staff. • Community awareness • Handling of Proper disposal material 	Civil defesnce & building department labour department All Local Bodies Environment Rescue1122
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<ul style="list-style-type: none"> • Identification & removal of black spots • Community awareness • Implementation of traffic rules • Permanent Resettlement of vulnerable area 	Civil Defense Traffic police District Govt Rescue 1122
Environmental Hazards (industrial accidents, severe pollution etc.)	<ul style="list-style-type: none"> • Implementation of laws regarding usage of toxic gases. • Training of employee staff. • Community awareness • Survey of vulnerable buildings • Survey of vulnerable factories • Handling of Proper disposal material • Evacuation Drills • Evacuation Routes & Maps • Proper Working Systems and Machines - regularly Checked • Trees nearby - Provide Oxygen , Less Pollution 	Labour Environement Industry Civil Defence All Local Bodies Rescue 1122

EARLY WARNING

Information Flow Diagram



Alertness Levels

Following four levels alertness have been established:

<p>Level-D (Disaster threat is perceptible)</p>	<p>Activities to be undertaken in level D</p> <p>DDMA shall conduct monthly meetings besides 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 given time frame during disaster. Vulnerable site's inspections and necessary works/action 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 C</p> <p>DDMA shall issue "alert" to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for on call mobilization and monitor the situation 6 hourly. Only 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 B</p> <p>DDMA shall issue EW to all stakeholders and "High Alert" for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for evacuation and disaster management have been mobilized as per DDMP. All emergency (health, fire, rescue 1122, MCs etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis.</p>
<p>Level-A (Red Alert) (Disaster is materialized)</p>	<p>Activities to be undertaken in level A</p> <p>DDMA shall respond to the emergency immediately and shall carry out rescue and relief operation as defined in DDMP and shall continuously monitor the situation. Resources of adjoining districts shall be mobilized and Army may be called keeping in view the magnitude of the disaster.</p>

Early Warning

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

Who is the focal person at district level?

Functions of District/Tehsil Emergency Control Rooms in early warning

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

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

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

Level I

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

Level II

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

Level III

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

RESCUE STRATEGY

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

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

Evacuation:

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

Guidelines for Efficient Evacuation

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

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

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

Pakistan Army:

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

HUMANITARIAN ASSISTANCE

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

ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

S#	Location	No. of persons which can be accommodated	GPS Coordinates	S#	Location	No. of persons which can be accommodated	GPS Coordinates
1	Govt High School Sheikhupura	2000	X: 73.975665 Y:31.710396	16	Fateh PuriSKP Road Muridke	200	X: 74.20 Y:31.82
2	Govt. Comprehensive School	1500	X: 73.975788 Y:31.720367	17	Govt. Pilot Secondary School	2000	X: 74.6154 Y: 31.2810
3	Govt Degree collge for women Sheikhupura	2000	X: 73.971572 Y:31.707690	18	Govt. Girls High School	150	X: 74.1367 Y: 31.2453
4	THQ Sheikh Hospital Ferozewala	1000	X: 74.285133 Y:31.658927	19	Embankment at upper Chanab Canal Tentage	500	X:74.7531 Y:31.3429
5	Govt. Middle School for Girls Ferozewala	200	X: 74.279368 Y:31.653841	20	Govt. H.S for boys Safdarabad	500	X: 73.57 Y:31.72
6	Govt. Girls School, Murad Town St#7	250	X: 74.272028 Y:31.677143	21	Govt. GHSS Khanqah Dogran	500	X: 73.61 Y:31.83
7	Govt. Girls Elementary School, Sharapur Khurd	500	X: 74.242191 Y:31.633583	22			
8	BHU Jamal Town Sharaqpur Khurd	300	X: 74.228684 Y:31.636480	23			
9	Govt. Boys Primary School Jhugian Sialan	250	X: 74.219457 Y:31.633081	24			
10	Reem Rice Narowal Road Muridke	200	y: 31.87 x: 74.38	25			X: Y:
11	Klair Pump Narowal Road	200	y: 31.86 x: 74.36	26			
12	Lohrawala Narowal Road Muridke	200	y: 31.86 x: 74.35	27			
13	Noorpura Narowal Road	200	y: 31.86 x: 74.35	28			

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

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

Hazards	Tehsils	Names of Revenue Estates	Names of Villages
Floods	1. Sharaqpur	Mehtam Dhana Sehjowal Noorpur Sultanpur Garhi Rahimullah Faizpur Kalan Vains Thatha Bamian Abdalia Nano Dogar Nawan Kot	Mehtam Dhana Sehjowal Noorpur Sultanpur Garhi Rahimullah Faizpur Kalan Vains Thatha Bamian Abdalia Nano Dogar Nawan Kot
	2. Muridke	Gharyal Kalan Surmay Dani Jewan Gorya Tipiala Dost Muhammad Tipiala Dost Muhammad Sehni Afghna Tipiala Dost Muhammad Herdo Ladhke Khorl Buddankey Ladhaywala Virkan Fatehpuri Khatiala Virkan	Gharyal Kalan Surmay Dani Jewan Gorya Deera Noor Pur Deera Islambad Sehni Afghna Chak Rajpootan Deera Ba way wala Herdo Ladhke Khorl Bhuddankey Ladhaywala Virkan Fatehpuri Khatiala Virkan
	Ferozewala		Tooti Bheikhi Dana Talwar Par Awan Par Bhani Par Gujar Pura Marl Par Rakh Donoya Goel Yaar Pura Dandian Bukanwal Bharath Kot Nathu Kot Barlas Kot Jaspal Jada Rasool Pur Ali Pur

			Qadian Kachi Kotli Chohan Qazi Marali Ratni Wal Shedi Wal Jhangi Sheikhan Gago Dogar Khair Din Pur Saad Par Natheyka Dosair Chak Kalal
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Annex III:List of Health Facilities and their vulnerability to Hazards

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	Lubanwala	X: 31.716 Y:73.984	BHU Lubanwala	Dr.Zain (0331-4557473)	Flood
2	Barth	X: 31.71679 Y:73.98495	BHU Babakwal	Dr. Anam (0333-7385828)	Flood
3	Burj Attari	X: 31.573 Y:74.195	BHU Burj Attari	Dr.Iqra Javed (0313-4109307)	Flood
4	Faizpur Khurd	X: 31.590 Y:74.217	BHU Nizampur Daccar	Dr. Gulraiz (0345-4455959)	Flood
5	Ferozewala Village	X: 31.661 Y:74.273	BHU Ferozewala	Dr. Nadia Barkat (0302-5156706)	Flood
6	Gharyal Kalan	X: 32.013 Y:74.604	BHU Gharyal Kalan	Farisa Arshad(0341-7880541)	Flood
7	Mehta Suja	X: 31.967 Y:74.600	BHU Mehta Suja	Dr.Azka (0337-4875150)	Flood
8	Merowal	X: 31.716 Y:73.984	BHU Hardo Baryar	Dr.Ruhma (0332-6991020)	Flood
9	Kala Khatai	X: 31.825 Y:74.501	BHU Ghorian Mughlan	Dr. Tayaba Zahid (0321-4341838)	Flood
10	Jandiala Kalsan	X: 31.850 Y:74.516	BHU Jandiala Kalsan	Dr.M Arsalan Dispensar (0345-4784624)	Flood
11	Nangal Sadhan	X: 31.716 Y:73.984	BHU Nangal Sadhan	Dr. Zia ur Rehman (0306-5600759)	Flood
12	Ladhkey	X: 31.716 Y:73.984	BHU Ladakey	Dr.Zain ul Abideen (0300-8096319)	Flood
13	Nangal Bucher	X: 32.00 Y:74.519	BHU Nangal Butcher	Dr. Mohsin Ali (03318855840)	Flood
14	Dhamkey	X: 31.538 Y:74.158	BHU Dhamkey	Dr. Sadaf (0300-6044062)	Flood
15	Sehjuwal	X: 31.476 Y:74.124	BHU Qila Lal Singh	Dr. Nida (0333-6077690)	Flood
16	Faiz pur Kalan	X: 31.716 Y:73.984	BHU Tenday Ladhway	Dr. Atiqa (03364176114)	Flood
17	Shamke	X: 31.710 Y:74.231	RHC Kala Shah Kaku	Dr.Abrar DDHO (0349-4152254)	Flood
18	Kot Pindi Das	X: 31.706 Y:74.181	BHU Kot PindiDas	Dr. Maila Saeed(0322-8093383)	Flood
19	Sharaqpur Khurd	X: 31.695 Y:74.002	53	Dr. Sadia (0333-8199923)	Flood
20	Kot Mehmood	X: 31.450 Y:74.064	BHU Kot Mehmood	Dr Mubeen. (0312-6455711)	Flood

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
21	Chak No. 34	X: 31.764 Y:74.224	BHU Chak 34	Dr. Sami (0336-4793403)	Flood
22	Bhianwala	X: 31.460 Y:73.147	BHU Bhianwala	Dr.Sidra (0300-4531258)	Flood
23	Wandala Diayal Shah	X: 31.716 Y:73.984	BHU Vandyala Dyal Shah	Dr.Nasira Nuzhat (0324-6960334)	Flood
24	Khanpur	X: 31.458 Y:74.260	BHU Khanpur	Dr. Hiba Touseef (0333-4901127)	Flood
25	Marbhangwan	X: 31.716 Y:73.984	BHU Marh Bhangwan	Dr. Rida Batool(0321-4984838)	Flood

ANNEX IV: LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
1	GPS Kot Yaqoob	School	X: 74.27 Y:31.81	354	Muhammad Siddique	3454044839
2	GPS Tung	School	X: 74.38 Y:31.79	51	Maleeha Ajmal	03338295015
3	GPS Nangal Kasowala	School	X: 74.29 Y:31.81	170	Zagam Abbas	3009436821
4	GPS Kot Faqir Muhammad	School	X: 74.32 Y:31.81	173	Gulzar Ahmad	03334575306
5	GPS Kot Nazir	School	X: 74.33 Y:31.81	82	Muhammad Akhtar	3014056536
6	GPS CHak 47	School	X: 74.31 Y:31.77	222	Muhammad Husnain Ali	3064657879
7	GPS Chak 48	School	X: 74.31 Y:31.79	57	Sidra Ashiq	3401400192
8	GES Chak 49	School	X: 74.33 Y:31.76	214	Abdul Haq Tabassum	3464063417
9	GES Dharoor Muslim	School	X: 74.38 Y:31.76	119	Khalid Hameed	3334049506
10	GGPS Amin Shah	School	X: 74.64 Y:31.97	50	Muhammad Rafique	03008862441 PEF
11	GGPS Marri Khurd	School	X: 74.65 Y:31.90	80	Muhammad Irshad	3444108020
12	GGPS Jatrike	School	X: 74.58 Y:32.05	125	Saba Mushtaq	3096558847
13	GGPS Surmaydani	School	X: 74.60 Y:32.04	102	Muhammad Tariq Masood	3456769778
14	GGES Jeeto Gala	School	X: 74.52 Y:31.89	127	Ammara Seemab	3334120007
15	GGES Pakhiala	School	X: 74.43 Y:31.76	81	Surrya Sultana	3434464308
16	GGPS Makku Ana	School	X: 74.32 Y:31.73	80	Sadia Ramzan	03127732466
17	GGPS Kotli Karotana	School	X: 74.39 Y:31.90	23	Hafiz Afzaal Hussain	3416535935

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
18	GGES Kot Nazir	School	X: 74.33 Y:31.81	124	Madiha Anam	3284337883
19	GGPS Rustam Pura	School	X: 74.36 Y:31.88	66	Amtul Hafeez	3464123811
20	GGCMS Marri Chehllan	School	X: 74.30 Y:31.84	173	Farah Jabeen	3244588896
21	GGHS Bhago Dial	School	X: 74.49 Y: 31.96	371	Munaza Nisar	3337171116
22	GGES Dharor Muslam	School	X: 74.36 Y: 31.76	133	Ishrat Jamal	3324869378
23	GGES Qila Satar Shah	School	X: 74.13 Y:31.69	413	Ujala Maqsood	3009480494
24	GGES Chohy Wali Kalan	School	X: 74.18 Y:31.74	116	Zubia Riaz	3047416680
25	GGES Nangal Sadhan	School	X: 74.27 Y:31.83	577	Afzala Ishaq	3407271510
26	GGPS Dhaar	School	X: 74.21 Y:31.84	13	Rubina	0304-4351953 PEF
27	GGPS Khushal Pura	School	X: 74.12 Y:31.73	141	Mansab Ali	3017433703
28	GGPS Leel	School	X: 74.11.23 Y:31.7432	27	Jaweria Zafar	03344964017 PEF
29	GGPS Chak 48	School	74.317494 31.793413	136	Rahila Bibi	3245428204
30	GGPS Nangal Waris Khan	School	74.632624 31.947725	50	Zaibul Nisa	03348065578
31	GGPS Chak Dheedo	School	74.530015 31.832498	48	Jaweria naseer	03456287574 PEF
32	GGPS Rajpura	School	74.587134 31.903458	67	Shafufta Riasat	03434474584 PEF
33	GGPS Baryar kohna	School	74.603175 31.909194	42	Kubra Bibi	03549699194 PEF
34	GGES Chakrali	School	74.600756 31.934713	254	Aasia Nemat	3338113854
35	GGES Meero wal	School	74.613631 31.935859	63	Sarwat Parveen	3453911248
36	GES Malik Pur	School	74.647950 31.955408	88	Nasreen Akhter	3430565951
37	GGPS Dheegana	School	74.633660 31.970023	85	Adnan Ul Haq	3335752897
38	GPS Kajle	School	74.600864 31.903157	34	Imran Hussain	3481431911
39	GPS Rajpura	School	74.587136	56	Muhammad	03436072361

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
			31.903181		Afzal	
40	GPS Paslanwala	School	74.583260 31.889819	172	Akhtar Ali	3014892561
41	GPS hardo bauryar	School	74.596172 31.918321	97	Muhammad Ishaq	03424265900 PEF
42	GPS Kot Bhlan	School	74.570951 31.903789	153	Sidra Tul Muntaha	3314796847
43	GPS Mandiali	School	74.556428 31.891925	360	M. Saleem	03024406583
44	GPS Jeongoria No.1	School	74.626847 31.994010	57	Karamat Ali	03344146310PEF
45	GPS No. 2	School	74.626987 31.985970	35	Ejaz Ahmad	03419785421 PEF
46	GPS No. 3	School	74.619825 31.997699	117	Muhammad Rizwan	3454774992
47	GPS uncha Pind	School	74.537534 31.959744	341	Muhammad Nasir	3004860088
48	GPS Dera Arrian	School	74.537057 31.952476	69	Muhammad Mushtaq	3478464774
49	GPS Khunda Ladheke	School	74.551822 31.938488	252	Syed Nayar Hasan Kazmi	3004872014
50	GPS Katibrahim	School	74.548371 31.947943	97	Aslob Khan	03324763794 PEF
51	GPS Jeto Gala	School	74.588000 31.901830	86	Zahid Muhammad Raza	3214137501
52	GPS Gharang Wala	School	74.408417 31.736776	127	Ghulam Fareed	3454426547
53	GPS Chak 41	School	74.322079 31.718294	85	Ghazanfar Ali Khan	3454557052
54	GPS Muslim Legue	School	74.340853 31.717908	175	Zulfiqar Ali	3241490855
55	GPS Ragian Jangian	School	74.234375 31.666249	156	Syed Muzammil Hussain	03004212711
56	GES Dorgi Gill	School	74.261661 31.681776	211	Sundas Yahya	3065915083
57	GPS Rana Town	School	74.271579 31.680343	184	Wafa Sultan Ganaie	3334715575
58	GPS Bashir Modle	School	74.275609 31.686522	215	Babar Hussain	3064474412
59	GPS Kala Gaon	School	74.105143 31.664785	230	Rana Ghulam Muhyudin	3014447213
60	GPS Chak 38	School	74.269407 31.719162	330	Tanvir Ali Ahmad	3334704050
61	GPS Chak 37	School	74.261793 31.711573	91	Rabia Siddique	3074769347
62	GPS Shamke	School	74.228323 31.711086	34	Muhammad	3234112502

S#	Name	Institute type (School, College etc.)	GPS Coordinates	Enrolment	Incharge Name	Contact Number
					Afzal Butt	
63	GPS Aman Pura	School	74.257447 31.706202	342	Ghulam Mustafa	3054104253
64	GPS Ratan Pura	School	74.3131.8 31.747272	57	Akhlaq Ahmed	3334624410
65	GPS Saray Kam	School	74.342019 31.750952	86	Yasir Ali	03424455384
66	GPS Jamal Pura	School	74.443058 31.749603	54	Ashiq Ali	3084163027
67	GPS Nano dogar Nawulan	School	74.062253 31.358215	128	Muhammad Mansha	3334117330
68	GES Nano Dogar Araian	School	74.062858 31.358062	272	Muhammad Asmat Ullah	3074737894
69	GGHS Bhago Dial	School	74.497811 31.966775	371	Munaza Nisar	3337171116
70	GGHS Mardana	School	74.616453 31.958090	84	Maqsooda Abbas	3409400742
71	GGHS Gharyal Kalan	School	74.606864 32.009799	184	Rizwana Yasmin	3088130227
72	GHS Gharyal Kalan	School	74.608846 32.010087	264	Usman Saqib	3047620576
73	GGHS Noon	School	74.246137 31.746245	654	Asia Butt	3077065187
74	GGHS Nangal Kaswal	School	74.295023 31.814405	340	Iram Akbar	3008086604

ANNEX V: LIST OF INDUSTRIES WITH THEIR RISK LEVEL

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
1.	Nimir Chemicals Ltd., Faisalabad Road, Sheikhupura	Faisalabad Road	N31.61090 E073.89050	Chemicals	High	Fire
2.	Nimir Industrial Chemicals Ltd. Faisalabad Road, Sheikhupura	Faisalabad Road	N 31.60965 E073.88884	Chemicals	High	Fire
3.	Synergy Paper Board Mills Ltd., Faisalabad Road, Sheikhupura	Faisalabad Road	N31.64426 E073.92783	Paper Chemicals	High	Fire
4.	Umar Farms (Pvt.) Ltd, Faisalabad Road, Sheikhupura	Faisalabad Road	N31.60106 E073.85815	Biological	Low	
5.	PSO Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.7322 E73.8799	Chemicals	High	Fire
6.	TOTAL Parco Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.7322 E73.8799	Chemicals	High	Fire
7.	SHELL Oil, Sheikhupura Sargodha Road	Sargodha Road	N31.7335 E73.8900	Chemicals	High	Fire
8.	Attock Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N 31.733 E73.8781	Chemicals	High	Fire
9.	Hascol Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.732 E73.8817	Chemicals	High	Fire
10.	Admore Oil Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.736 E.73.8736	Chemicals	High	Fire
11.	PARCO Diesel Depot, Sheikhupura Sargodha Road	Sargodha Road	N31.735 E73.8800	Chemicals	High	Fire
12	Olympia Industries Ltd.,	Chichoki Malian Road, Sheikhupura		Chemical, Biological, Radiological, Nuclear	High	Fire
13	ICI Polyester,	Sheikhupura Lahore Road.	N31.69181 E074.05421	-do-	Low	Fire
14	Rupali Polyester	30-K.M. Lahore Road, Sheikhupura	N31.690896 E74.053792	-do-	Low	Fire

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
15	Rupafil Ltd.,	Sharaqpur Road, Sheikhupura	N31.624914 E74.043001	-do-	Low	Fire
16	Qadria Board Mills	Lahore Sheikhupura Road.	N31.689694 E74.041697	-do-	High	Fire
17	Premier Paper Mills,	Lahore Sheikhupura Road.	N31.694520 E74.043513	-do-	High	Fire
18	Flying Paper Mills	Lahore Sheikhupura Road.	N31.400915 E740530.50	-do-	High	Fire
19	Fatima Fort	Lahore Sheikhupura Road.	N31.682027 E74.081155	-do-	High	Fire
20	Sohail Textile	Sargodha Road, Sheikhupura	N31.636340 E73.081468	-do-	High	Fire
21	Qutab Textile	Sargodha Road, Sheikhupura	N31.732885 E73.915623	-do-	High	Fire
22	Prosperity Weaving Mills	32-K.M. Sharaqpur Road	N31.602108 E74.058893	-do-	High	Fire
23	Olympia Blanded No. 1	Chichoki Malian	N31.707213 E74.092260	-do-	High	Fire
24	Olympia Blanded No. 2	Chichoki Malian	N31.707213 E74.092260	-do-	High	Fire
25	Rawal Textile Mills	Chichoki Malian, Sheikhupura	N31.705917 E74.092131	-do-	High	Fire
26	Shahzad Textile	Lahore Road, Sheikhupura	N31.702362 E74.027286	-do-	High	Fire
27	Ayesha Spinning Mills	Lahore Road, Sheikhupura	N31.697070 E74.038106	-do-	High	Fire
28	Spincot Textile	Sargodha Road	N31.738885 E73.874520	-do-	High	Fire
29	Noorani Spinning	Lahore Road Sheikhupura	N31.692593 E74.047601	-do-	High	Fire
30	Muhammadia Paper Board	Lahore Road Sheikhupura	N31.683200 E74.057208	-do-	High	Fire
31	Anwar Rashid Industry	Chichoki Malian, Sheikhupura	N31.700496 E74.067401	-do-	High	Fire
32	Inam Paper Mills	Barianwala Sheikhupura	N31.685358 E74.035472	-do-	High	Fire
33	Panther Sports	Chichoki Malian, Sheikhupura	N31.700861 E74.067477	-do-	High	Fire
34	Easter Cone Supplier	Lahore Road Sheikhupura	N31.695567 E74.036355	-do-	High	Fire
35	Arsam Pulp & Paper Board	Barianwala, Skp	N31.687676 E74.039288	-do-	High	Fire
36	Panther Tyre	Lahore Road Sheikhupura	N31.688046 E74.062005	-do-	High	Fire
37	Ayesha Spinning (Socks)	Lahore Road Sheikhupura	N31.697608 E74.036545	-do-	High	Fire
38	Elahi Paper Board	Marade Road,	N31.678925	-do-	High	Fire

S#	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/ Earthquake
		Sheikhupura	E74.206841			
39	Fazal Chemicals	Mannopur	N31.708883 E74.092045	-do-	High	Fire
40	Mehtabi Spinning	Sargodha Road, Skp.	N31.738708 E73.875288	-do-	High	Fire
41	Al-Karam Paper Mills	Baddo Maradi, Skp	N31.679956 E74.02779	-do-	High	Fire
42	Kamran Spinning	Baddo Maradi, Skp	N31.680921 E74.029668	-do-	High	Fire
43	Al-Mizan Board Mills	Saim Park Rd. Skp.	N31.678884 E74.026835	-do-	High	Fire
44	Sumeria Industries	Lahore Road, Skp.	N31.696209 E74.035596	-do-	High	Fire
45	Al-Barkat Spinning	Baddo Maradi, Skp		-do-	High	Fire
46	AA Paper (Pvt.) Ltd.	5-K.M. Sharapppur Road	N31.668707 E74.012818	-do-	High	Fire
47	Model Paper Board Mills	5-K.M. Sharapppur Road	N31.670287 E74.014025	-do-	High	Fire
48	Hassan Board,	22-K.M. G.T. Road, Muridke	N31.769404 E74.260063	Paper Chemicals	High	Fire
49	Touheed Packages	12-K.M. G.T. Road, F/wala	N31.671087 E74.278806		Medium	Fire
50	Al-Aziz Paper Mills	Narowal Road, Muridke	N31.862742 E74.315467	Paper Chemical	Low	Fire
51	Dream Wood Industries	G.T. Road, Kala Shah Kaku	N31.725676 E74.258470	Chip Board	High	Flood
52	Fynk Pharma	G.T. Road, Kala Shah Kaku	N31.725756 E74.260626	Medicine Chemical	Low	Flood
53	Hamza Flour Mills	G.T. Road, F/wala	N31.676225 E74.279587	Flour	High	Flood
54	Ittehad Chemicals	G.T. Road, Kala Shah Kaku	N31.742119 E74.264990	Chemical	Medium	Chemical (Chlorine Leakage)
55	Leiner Pak Gellatine	G.T. Road, Kala Shah Kaku	N31.735141 E74.266248	Chemical	High	Flood
56	Lustre Paint Inn	G.T. Road, F/wala	N31.667341 E74.273554	Paper Chemical	Low	Fire
57	Pakistan Drums	G.T. Road	N31.666348 E74.280799		Medium	Flood
58	Sadiq paper Mills	G.T. Road	N31.672855 E74.278514	Paper Chemical	Low	Fire
59	Total Marketing Oil depot (Caltex Chevron Pakistan O	Sargodha Road Sheikhupura	-	Chemical	High	Fire
60	Bakri Oil trading Company	Sargodha Road Sheikhupura	-	Chemical	High	Fire

Annex VI: List of NGO working in the District

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

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

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

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

Annex VII: Contact list of main stakeholders/ Departments

List of All Heads of Department in District Sheikhupura

<u>Designation</u>	<u>Officier Name</u>	<u>Telephone (Office)</u>	<u>Cell NO.</u>
DC Sheikhupura	Mr. Shahid Imran Marth	056-9200150-51	0304-0920061
ADC-(R)	Mr. Usman Jalees	056-9200163-64	0332-5032303
ADC-F&P	Mian Nazeer	056-9200145	0333-8213923
ADC-G	Mr. Noman Ali	056-9200156	0310-4250518
AC-HR&Coord	-	056-9200157	
AC-SKP	Mr. Saif ul Islam Khatak	056-9200165	0343-5000597
AC-Fwala	Muhammad Adeel Khan	042-37930777	0317-7224470
AC-MDK	Touseef Hassan	042-37951200	0300-8533712
AC-SFD	Mr. Farooq Qureshi	056-3861563	0300-9443174
AC-SQP	Ms. Anum Akram	056-2592215	0305-7635302
DMO	Mian Nazir	056-9200148	0333-8213923
GAR	-	056-9200009	
DD Development	Hafiz Ghulam Murtaza	056-9200149	0345-8998584
Secy DRTA	Ms. Hina Rehman	056-9200236	0334-9925263
SNA	Syed Aqeel Abbas	056-9200155	0333-4327680
CEO-Education	Naeem Abbas Rana	056-9200020-21	0300-4149510
CEO-Health	Dr. Siddique	056-3810303	0333-6476266
Admn Officer (A) / DN	Azhar Abbas Shah	056-9200160	0321-4193292
DD Agriculture	M. Shafique	056-9200263	0333-4778213
AD Livestock	Alamdard	056-9200053-54	0345-7919551
AD Fisheries	Farwa Rasool	056-9200051	0304-2858979
DFO	Zahid Rana	056-3792767	0312-4124996
DD Labour	Ishaq Haidar	056-3783734	0333-6457175
DD Social Welfare	Amna Butt	056-9200027-28	0321-4161590
DD (Colleges)	Uzma Idress	056-3612088	0333-6574860
DO (Sports)	Malik Azeem	056-9200181	0333-4351172
DO(IPWM)	Waseem Arshad	056-9200180	0331-4365677
DO Information		056-9200274	
XEN Highway	Zeeshan		0304-5018495
XEN Highway (M&R)	Shabeer		0304-4165608
XEN (Building)	Ray Khurram	056-9239028	0300-7841081
DD (Environment)	Abdul Qayoom	056-9200176	0333-4312974
XEN Public Health	Maaz	056-3793938	0324-6944889
DO (Population)	Mehboob Alam	056-3783144	0333-4389545
Circle Registrar (Cooperative Societies)	Sheikh M. Yousaf	056-3783651	0320-6366816
DO (Zakat)	Ghazia Tayyab	056-3811622	0323-4549692
DEO 1122	Rana Ejaz	056-9239093-5	0336-4441122
Civil Defence Officer	Khalid Shehzad	056-9200048-9	0300-4593513
DD LG&CD	Rana Usman Khudadad	056-9200033	0321-4260611
District Food Controller	Mr. Umair Sagheer	056-9200197	0341-0470470
Distt. Election Commissioner	Madam Maham Qadir	056-9200125 056-3614169	0323-7748054
XEN UCC	Ali Hussnain	056-9200253	0347-6104059
XEN UGD	Adeel Anjum	056-9200255	0331-8484303

XEN Rachna Drainage	Nisar Gujjar	056-9200250	0301-9222296
Excise & Taxation Officer	Saqib Mehmmod	056-9200034	0321-6146300
District Prosecutor	Rana Sultan	056-3610256	0336-4195149
District Attorney	Aslam Javeed	056-9200402 056-3613104	0300-6434228
District Account Officer	Ghulam Mustafa	056-9200167	0300-9646971
M.S DHQ SKP	Dr. Faiza Kanwal	056-92000231	0333-6131267
Tehsildar SKP	Munawar		0300-8699062
Tehsildar F/Wala	Waheed Bhatti		030-4136387
Tehsildar, Sharqpur	Ch. Tanveer		0300-4428080
Tehsildar, Muridke	Iftekhar Ahmed Bhatti		0300-4057172
Tehsildar, Safdarabad	Shuja u din Zafar		0321-4126528
Deputy Director Anti-Corruption SKP	Ms. Asma Anjum	056-9200140	0336-4675692
SE WAPDA	Umar Bilal	056-9200200	0370-4991600
GM SNGPL	Sohail Akram		0333-8271723
CO, District Council SKP	Ahsan Anayat Sandhu	056-9200129	0342-7777200
CO, MC, SKP	Malik Mansha	056-9200171-74	0300-4099725
DPS Principal	Madam Shahida	056-3611413	0331-4557571
D&SJ Sheikhupura	Amer Saleem Rana	056-9200192	
DPO Sheikhuprua	Mr. Sheikh Bilal Ahmed	056-9200104	0300-4911922
AD Art Council	Afraz		0333-4609738
Secy DQCB	Ms. Asma		0332-4014002

Annex VIII(A): List of volunteers

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Time Required to be on-board
1	Mr. Imran Ali	35404-3219262-1	Dera Safanwala Jewanpura city Skp.	0342-4552916	4 hrs
2	Mr. Dilawar Hussain	35404-5066070-7	Bhikhi Road Mohallah Razaqatabad city Skp.	0308-4627117	4 hrs
3	Mr. Zahid Hussain	35404-5793332-9	Mohallah Muhammad Pura Janidiala Road Skp.	0304-5700412	4 hrs
4	Mr. Basharat Ali	35404-5673630-1	Mirajpura Jandiala Road Skp.	0322-7949349	4 hrs
5	Mr. Asghar Ali Naeemi	35404-1502244-1	Chak No.9 Tehsil & Distt. Skp.	0300-8124832	4 hrs
6	Mr. Hanif	35404-7153367-5	Mirajpura Janidiala Road city Skp.	0322-7913213	4 hrs
7	Mr. Muhammad Yousaf	35404-1838520-1	Muhammad Pura Bhikhi	0345-4653604	4 hrs
8	Mr. Qasam Ali	35404-7762167-3	Gopi Rai P/o Same Tehsil & Distt. Skp.	0307-8821367	4 hrs
9	Mr. Asghar Ali	35402-0346121-3	Chah Waris P/o Ali Pur Tehsil & Distt. Nankana	0309-4545282	4 hrs
10	Mr. Muhammad Amin	35401-0465413-7	Bhikhi Road city Sheikhupura	0302-4286892	4 hrs
11	Mr. Azam Aslam	35404-5355385-9	Bharrianwala P/o Jetah Tehsil & Distt. Skp.	0303-4183859	4 hrs
12	Mr. Shahbaz Ali	35404-2809731-9	Sirrianwala P/o Malowal Tehsil & Distt. Skp.	0304-4505818	4 hrs
13	Mr. Muhammad Ali	35404-8980566-9	Miyana Thatha P/o Hohike Tehsil & Distt. Skp.	0333-6578775	4 hrs
14	Mr. Abdul Ghafoor	35402-0107166-3	Kot Ismail P/o Bhikhi Tehsil & Distt. Skp.	0344-6642613	4 hrs
15	Mr. Sajid Ali	35404-0560924-3	Therrian P/o Ali Pur Tehsil & Distt. Skp.	0342-4718370	4 hrs
16	Mr. Pervaiz Masih	35404-1662237-9	Therrian P/o Ali Pur Tehsil & Distt. Skp.	0343-6065253	4 hrs
17	Mr. Bashir Ahmed	35501-0205578-5	Chah Waris P/o Ali Pur Tehsil & Distt. Nankana	0322-4923104	4 hrs
18	Mr. Shahid Iqbal	35404-7081932-9	Wara Mala Singh P/o Nawan Kot	0301-4735237	4 hrs
19	Mr. Razaqat Ali	35404-3315835-7	Dera Mamana Bhikhi Tehsil & Distt. Skp.	0301-6438349	4 hrs
20	Mr. Muhammd Ashfaq	35401-0213612-1	Chah Waris P/o Ali Pur Tehsil & Distt. Nankana	0343-1620226	4 hrs
21	Mr. Muhammad Asif	35404-8704099-9	Mehoonwali Tehsil & Distt. Skp.	0301-4119682	4 hrs
22	Mr. Nouman Zafar	35404-8784405-9	Wara Mala Singh P/o Nawan Kot	0302-4357544	4 hrs
23	Mr. Muhammad Asif	35404-6778876-3	Mehoonwali Tehsil & Distt. Skp.	0308-4552832	4 hrs
24	Mr. Imdad Hussain	35404-0820532-9	Chak No. 418 GB, Tandalianwala Faisalabad	0303-4291847	4 hrs
25	Mr. Zafar Iqbal	35404-9826011-7	Wara Mala Singh P/o Nawan Kot	0301-4618429	4 hrs

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Time Required to be on-board
26	Mr. Tahir Mehmood	35404-9412356-7	Nawan Kot P/o Same Tehsil & Distt. Skp.	0301-4946290	4 hrs
27	Mr. Daniyal	35404-4942381-1	Alamgir Road Shama Chowk city Skp.	0306-2503411	4 hrs
28	Mr. Raja Qaisar	35404-1412857-1	-do-	0344-9161432	4 hrs
29	Mr. Muhammad Anees	35404-1641747-3	Mohallan Hujranwala Nishter Road old city Skp.	0300-8865611	4 hrs
30	Mr. Muhammad Husnain	35404-6310788-5	-do-	0306-4910800	4 hrs
31	Mr. Ghalib Khalid	35404-0702081-1	-do-	0333-4152702	4 hrs
32	Mr. Ahsan Khaliq	35404-4709013-5	-do-	0324-8436515	4 hrs
33	Mr. Tayyab Ali	35404-	Sheesh Mohal Sko	0314-4085516	4 hrs
34	Mr. Mehmood Ahmed	35404-6582276-3	Usman Nagar Jandiala Road	0302-4056007	4 hrs
35	Mr. Kashif Adeel	35404-1534846-9	Nai Abadi Arrianwala	0300-8064911	4 hrs
36	Mr. Muhammad Naeem	35404-1098812-1	Rafaqat arrianwala Abad	0300-8064911	4 hrs
37	Mr. Bilal Ahmed Khan	35404-8905222-1	Kharrianwala	0300-4695860	4 hrs
38	Mr. Haider Ali	35404-5069063-5	Civil Line Skp.	0300-9814730	4 hrs
39	Mr. Hamad Naseem	35404-6342797-5	Khokhar Town Skp.	0300-4474494	4 hrs
40	Ch. Manzar Saeed	35404-1933377-5	Jadiala Sher Khan	0300-7777608	4 hrs
41	Mr. Nadeem Arshad	35404-6270002-7	Mohallah Farooq Gunj Skp.	0300-4582947	4 hrs
42	Rana Anwaar ul Haq	35404-1581444-5	Khalid Road Skp.	0312-1400424	4 hrs
43	Mr. Babar Naseer	35404-8236578-1	Mohallah Hanjuranwala	0304-4313223	4 hrs
44	Mr. Malik Asif Abbas	35404-8861644-7	Jandila Road Hussain Pura	0323-4694860	4 hrs
45	Rana Ghulam Shabbir	35401-5087503-1	Nagal Sadaan Muridke	0311-4694860	4 hrs.
45	Mr. Zulfiqar Ali	35404-0678595-7	Old City Skp.	0305-6207752	4 hrs.
47	Mian Shabbir Hussain	35404-7524758-7	-do-	0321-4239835	4 hrs.
48	Mr. Amjid Ali	35404-502550-9	Machali Fram Skp.	0341-4100385	4 hrs.
49	Mr. Qaisar Mehmood	35404-6404204-3	Mohallah Hussainpura Skp.	0300-4694860	4 hrs.
50	Mr. Muhammad Shakil	35404-5182163-3	Mohallah Mambanwala Skp.	0301-4424229	4 hrs.
51	Mr. Ali Shahzad	35404-1100680-9	Hujranwala Skp.	0322-7277011	4 hrs.
52	Mr. Ali Asghar Malik	35404-3406379-3	Machali Park Skp.	0317-4134734	4 hrs.
53	Mian Naveed ur	35404-	Citi Kothi Road Skp-	0322-6402748	4 hrs.

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Time Required to be on-board
	Reham	6404204-3			
54	Mr. Muhammad Awais	35404-3544620-1	-do-	0324-4899112	4 hrs.
55	Mr. Muhammad Imran	35404-7583287-5	Hussain Pura Skp.	0311-4336175	4 hrs.
56	Mr. Muhammad Irfan	35404-5320956-5	Farooqabad	0302-4836477	4 hrs.
57	Mr. Rustam Ali	35404-7241795-1	Mohallah Farooq Gunj	0312-4374153	4 hrs.
58	Mr. Shabbir Gull	35404-1612674-1	Old City Skpo.	0333-4733811	4 hrs.
59	Mr. Muhammad Kamran nkazir	35404-4429934-7	Usman Nagar Skp.	0341-4265952	4 hrs.
60	Mr. Waseem Abbas	35404-1853559-9	-do-	0302-0432890	4 hrs.
1	Mr. Muhammad Waqas	35405-0428225-5	Kareempura Muridke	Mr. Muhammad Waqas	4 hrs.
2	Mr. Muhammad Zubair	35405-0502466-5	Manoabad Muridke	Mr. Muhammad Zubair	4 hrs.
3	Mr. Muhammad Usman Butt	35401-3227725-1	Manoabad Muridke	Mr. Muhammad Usman Butt	4 hrs.
4	Mr. Usman Mehboob	35405-0470582-3	Manoabad Muridke	Mr. Usman Mehboob	4 hrs.
5	Mr. Ali Raza	34102-3472650-0	Manoabad Muridke	Mr. Ali Raza	4 hrs.
6	Mr. Fazal Muhammad	35405-0459023-5	Manoabad Muridke	Mr. Fazal Muhammad	4 hrs.
7	Mr. Sheroz Ahmed	35405-0651142-9	Manoabad Muridke	Mr. Sheroz Ahmed	4 hrs.
8	Mr. Furqan Ali Butt	35401-4116093-3	Manoabad Muridke	Mr. Furqan Ali Butt	4 hrs.
9	Mr. Nasar Ali	35405-0380514-1	Zafraan Park, Muridke	Mr. Nasar Ali	4 hrs.
10	Muhammad Usman	35401-1733479-7	Zafraan Park, Muridke	Muhammad Usman	4 hrs.
11	Mr. Muhammad Tayyab	35401-5152421-5	Ravi Reyman Muridke	Mr. Muhammad Tayyab	4 hrs.
12	Mr. Mudassar Shehbaz	35405-0553551-5	Ahmedpura Muridke	Mr. Mudassar Shehbaz	4 hrs.
13	Mr. Abdul Qadoos	35401-3415698-7	Rehmanpura Daoke Muridke	Mr. Abdul Qadoos	4 hrs.
14	Mr. Muhammad Sardar	35405-0364140-7	Adda Chorra Rajputan Muridke	Mr. Muhammad Sardar	4 hrs.
15	Mr. Ghulam Muheyuddin	35401-0568427-5	Ravi Yayan muridke	Mr. Ghulam Muheyuddin	4 hrs.
16	Mr. Umer Hayat	35405-0431737-7	Zafar ParkMuridke	Mr. Umer Hayat	4 hrs.
17	Mr. Suleman Ahmed	35401-9968911-9	Aadian Road Muridke	Mr. Suleman Ahmed	4 hrs.
18	Mr. Muhammad Adnan	35405-0564662-9	Kot Yaqoob Muridke	Mr. Muhammad	4 hrs.

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Time Required to be on-board
				Adnan	
19	Mr.Fakhar	35401-4972892-5	Behrwana Muridke	Mr.Fakhar	4 hrs.
20	Mr. Muhammad Shabir	35405-0509740-9	Hardoke Muridke	Mr. Muhammad Shabir	4 hrs.
1	Malik Sheraz Abbas	35202-8779391-3	Qaisar Town, H. Block Imamia Colony Ferozewala	0307-6838435	4 hrs.
2	Faisal Nadeem	35202-0685090-7	Qaisar Town, H. Block Imamia Colony Ferozewala	0310-4563054	4 hrs.
3	Kashif Munir	35401-6455164-9	40 Feet Bazaar Kot Abdul Malik	0321-4848405	4 hrs.
4	Qasim Razzaq	35401-793047-3	40 Feet Bazaar Kot Abdul Malik	0324-7631763	4 hrs.
5	Sheraz Imran	35401-5940256-9	Haji Street Kot Abdul Malik	0306-4672505	4 hrs.
6	Imran Anwar	35401-1762086-9	Haji Street Kot Abdul Malik	0321-4082186	4 hrs.
7	Usama Yaseen	35401-8381261-7	Jhogian Sialan Kot Abdul Malik	0324-4273843	4 hrs.
8	Ali Hussnain	35401-4341411-5	Main Sheikhupura Road Kot Abdul Malik	0323-6463230	4 hrs.
9	Usman	35401-3360791-1	Al- Hamad Garden Kot Adul Malik	0304-4886544	4 hrs.
10	Faisal Ali	35401-4021217-7	Near Main Easa Markaz Sharaqpur Bazaar Kot Abdul Malik	0301-4612348	4 hrs.
1	Mr. Muhammad Ayub	35401-3419054-9	Madar Sharif, Sharaqpur shrif.	0302-4331175	4 hrs.
2	Mr.Muhammad Qalib Abbas	35401-1907999-9	Madar Sharif, Sharaqpur shrif.	0305-4521628	4 hrs.
3	Mr. Muneeb Ahmed	35402-3900575-9	Madar Sharif, Sharaqpur.	0309-1429675	4 hrs.
4	Mr.Sadaqat Husain	35401-0872831-7	Madar Sharif, Sharaqpur shrif.	0302-4090274	4 hrs.
5	Mr.Muhammad Sajid	35401-5190214-1	Madar Sharif, Sharaqpur shrif.	0304-0493415	4 hrs.
6	Mr.Nadeem Husain	35401-4227505-7	Madar Sharif, Sharaqpur shrif.	0306-6520098	4 hrs.
7	Mr.Abdul Majeed	35401-0191399-5	Madar Sharif, Sharaqpur shrif.	0307-4021343	4 hrs.
8	Mr.Khadim Hussain	35401-5614067-1	Madar Sharif, Sharaqpur shrif.	0305-2458724	4 hrs.
9	Mr.Mujahid Ali	35402-9673957-1	Madar Sharif, Sharaqpur shrif.	0308-4320857	4 hrs.
10	Mr.Muhammad Iqbal	35402-7989591-3	Madar Sharif, Sharaqpur shrif.	0303-6437232	4 hrs.
1	Mr. Zamir ul Hassan	35403-8691973-5	Ghali Hakeem Hanif Wali Safdarabad	0307-6225350	4 hrs.
2	Mr. Waqas Ghani	35504-0356867-3	Mohallah Saeed Nagar Safdarabad	03-5-7449852	4 hrs.
3	Mr. Bilal Ahmed	35403-9313313-3	Mohallah Mandi Link Road Safdarabad	0347-7788993	4 hrs.
4	Mr. Sher Yar	35403-	Mohallah Saeed Nagar	0341-4605638	4 hrs.

S#	Volunteer Name	CNIC	Address	Contact Number and Email	Time Required to be on-board
		3273253-5	Safdarabad		
5	Mr. Muhammad Nadeem	35403-4258712-9	Mohallah Kashiri Safdarabad	0340-4809445	4 hrs.
6	Mr. Muhammad Raza	35403-2894003-7	Mohallah Kashiri Safdarabad	0300-8804048	4 hrs.
7	Mr. Ibrar Hussain	35504-0381480-9	Ghali Baba Rehmat Wat Safdarabad	0344-6588814	4 hrs.
8	Mr. Muhammad Naeem	35403-9231389-9	Mohallah Shafique Nagar Safdarabad	0341-7764408	4 hrs.
9	Mr. Ali Asghar	35403-6062123-7	Railway Road Safdarabad	0343-6629528	4 hrs.
10	Mr. Muhammad Zaheer Shahid	35403-7385844-9	Mohallah Shafique Nagar Safdarabad	0341-5684500	4 hrs.

ANNEX VIII (B) : LIST OF SWIMMERS/DIVERS

sr	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
1	Faizan Khalid	35403-9690133-7	Jhandialwali	0316-4553391	A+ev	Within 1 hour
2	Hassan Gohar	35404-3390390-9	Jhandialwali	0340-6557765	AB+VE	Within 1 hour
3	Abdul Rehman	35404-3296245-9	Jhandialwali	034-34337854	A+ev	Within 1 hour
4	Whaeed Ahmad	35403-9247177-5	Jhandialwali	0347-6793187	O-ve	Within 1 hour
5	M. Zubair	35504-0392726-7	Dhabban Kalan	0317-4678434	A+ve	Within 30mints
6	Ali Hassan	35403-2975542-3	Dhabban Kalan	0343-8766875	AB-ve	Within 30mints
7	M. Aqil	35403-9656700-1	Dhabban Kalan	0325-9692965	O+ve	Within 30mints
8	Ghulam ghous	35503-0192243-7	Dhaban Kalan	03037109773	B+ve	Within 30mints
9	Furqan Ali	35403-0192065-5	Dhaban Kalan	03459129365	AB+VE	Within 30mints
10	Shamail Ahmad	35403-5867014-1	Mandiala	03143271169	O+ve	Within 45mints
11	Attiq ur Rehman	35403-5010513-3	Mandiala	03174233457	O+ve	Within 45mints
12	Muhammad Haris	35403-5592348-1	Mandiala	03469217419	B+ve	Within 45mints
13	Faisal Iftikhar	35403-9592082-5	Mandiala	03416181105	A+ve	Within 45mints
14	Muhammad Burha	35403-4349916-3	Mandiala	03104088854	B+ve	Within 45mints
15	Amir Abbas	35202-9210431-3	Ratti Tibbi	03114090473	AB+VE	Within 30mints
16	Faisal Abbas	35403-8613626-6	Ratti Tibbi	03497682540	B+ve	Within 30mints
17	Muhammad Danial Mushtaq	35403-3994979-3	Ratti Tibbi	03477174707	O+ve	Within 30mints
18	Muhammad	35403-8517823-5	Ratti Tibbi	03428861847	B+ve	Within

sr	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
	Touseef					30mints
19	Ali Mohsin Raza	34101-9635208-3	Ratti Tibbi	03464012977	O+ve	Within 30mints
20	Jamshaid Ahmad	35504-0349728-9	Salar Bhattian	03121468102	O-ve	Within 1 hour
21	Bilal Ahmad	35403-0117841-7	Salar Bhattian	03235363055	O-ve	Within 1 hour
22	Muhammad salman	35403-6804329-9	Salar Bhattian	03051572599	O-ve	Within 1 hour
23	Mohsin tuqeer	35403-5803644-7	Salar Bhattian	03091093503	O-ve	Within 1hour
24	Shahbaz hussain	35504-0359541-9	Salar Bhattian	03101448360	O-ve	Within 1hour
25	gulfam	35202-7679360-3	Salar Bhattian	03077058500	O-ve	Within 1hour
26	Ihsan Ullah	34102-7845829-1	Kamoki	0322-5709400	B+ve	40 mints
27	Muhammad Usman	35401-1804183-9	Tapyala Dost Muhammad	0306-9788047	O+ve	30 mints
28	Abdul Aziz	35401-1855599-1	Narang	0301-6601122	B+ve	1 hour
29	Shahbaz Akbar	35401-7358966-3	S.A garden	0332-4579524	B+ve	30 mints
30	Adnan Ali	35401-6237026-3	Hadokey	0305-4131631	A+ve	20 mints
31	Muhammad Zubair	35401-2471568-9	Nangal Sadah	0302-4732103	B+ve	30 mints
32	Muhammad Usman	35405-0393192-3	Hadokey	0300-6257851	O-ve	20 mints
33	Muhammad Imran	35401-1050269-1	Muridke	0300-4581378	B+ve	15 mints
34	Asif Javid	35401-8274300-1	Canal park	0300-7958080	B+ve	20 mints
35	Ali Raza	35405-0392079-9	Hadokey	0301-4996295	B+ve	20 mints
36	Fazal UL Rehman	35401-3494233-5	Narang	0342-1674257	B+ve	1 hour

sr	Volunteer Name	CNIC	Address	Contact Number and Email	Blood Group	Time Required to be on-board
37	Zaheer Akram	35405-0406207-7	Kala Khatai	0343-6331697	B+ve	1 hour
38	Adnan Yousaf	35401-8571028-3	Tapyala Dost Muhammad	0316-4809181 adnanyousaf1028@gmail.com	O+	30 mints
39	Muhammad Shakeel	35401-1230758-5	Narang Mandi	0300-9210109 gujarshakeel937@gmail.com		1 hour
40	Hassnain Mushtaq	35401-0999117-9	Tapyala Dost Muhammad	0323-1041488 hussnainbhatti0323@gmail.com	O+	30 mints
41	Mohsin ameer	35401-3627750-1	Kala Khatai	0342-6911211 mohsinameer345@gmail.com	AB+	1 hour
42	Rizwan Ahmad	35405-0407453-1	Dharor Muslim	0346-4600759 crizwancheema@gmail.com	O+	1 hour
43	SHERAZ IRSHAD	35202-3283030-5	FEROZEWALA	03345401122		30 mints
44	AHMAD RAZA		FEROZEWALA	03214359355		30 mints
45	SHAHID IQBAL	35401-2085308-3	FEROZEWALA	03012631122		30 MINTS
46	RAMZAN		FEROZEWALA	03078898260		30 MINTS

ANNEX IX: POLITICAL CONSTITUENCIES

Sr.No.	No. and Name of Contituency	Party	Name of Candidate	Cell Numbers
1	NA-113 Sheikhupura-I	PML-N	Ahmad Atteeq Anwer	0300-8437401
2	NA-114 Sheikhupura-II	PML-N	Rana Tanveer Hussain	0300-9425822
3	NA-115 Sheikhupura-III	PTI	Khurram Shahzad Virk	0300-4104153
4	NA-116 Sheikhupura-IV	PTI	Khurram Munawar Manj	0321-4449994
5	PP-136 Sheikhupura-I	PML-N	Muhammad Hassaan Riaz	0308-4210474
6	PP-137 Sheikhupura-II	PTI	Khurram Ijaz	0321-4427917
7	PP-138 Sheikhupura-III	PML-N	Muhammad Ashraf Rasool	0321-8493721
8	PP-139 Sheikhupura-IV	PML-N	Rana Tahir Iqbal	0300-8443500
9	PP-140 Sheikhupura-V	PTI	Muhammad Awais	0300-4123333
10	PP-141 Sheikhupura-VI	PTI	Tayyab Rashid	0321-3000880
11	PP-142 Sheikhupura-VII	PTI	Waqas Mahmood Maan	0300-1300818
12	PP-143 Sheikhupura-VIII	PTI	Sher Akbar Khan	0300-4300786
13	PP-144 Sheikhupura-IX	PTI	Muhammad Sarfraz Dogar	0300-9402120
14	Kot Abdul Malik Reserve Seat	PML-N	Atiya Iftikhar (MPA)	0300-8894927
15	Minority	PML-N	Emmanual Athar Julias (MPA)	0300-6645372

ANNEX X: LOCAL GOVERNMENT DISTRICT SHEIKHUPURA

District and Tehsil Level

S#	Designation	District/Tehsil Name	Name	Contact Number	Mobile Number	
1	Chief Officer MC Narang MAndi	Muridke	Ch. Arif Ali	056-2410455	0300-4614565	
2	Chief Officer MC Muridke	Muridke	Sheharyar Waraich	042-37990444	0321-6161161	
3	Chief Officer MC Ferozewala	Ferozewala	Muhammad Shabir	042-37951739	0300-4057206	
4	Chief Officer MC Kot Abdul Malik	Ferozewala	Imran Asghar Sandhu		0300-8441599	
5	Chief Officer MC Sharqpur	Sharaqpur	Javed Iqbal Chohan	056-2591045	0333-8300465	
6	Chief Officer MC Sheikhupura	Sheikhupura	Ahsan Anayat Sandhu	056-9500174	0342-7777200	
7	Chief Officer MC Farooqabad	Sheikhupura	Javed Iqbal Chohan (Additional charge)		0333-8300465	
8	Chief Officer MC Manawala	Sheikhupura	Saghir Ahmad		03424555553	
9	Chief Officer MC Safdarabad	Safdarabad	Hira Hafeez	056-3861021	0345-4754204	
10	Chief Officer MC Khanqah Dogran	Safdarabad	Tanvir Iqbal Khan		03334548091	
11	Chief Officer District Council Sheikhupura	Sheikhupura	Ahsan Anayat Sandhu	056-922129	0342-7777200	
		Currently No towns committees are working in District.				

ANNEX XI: DATA COLLECTION PERFORMAS

P1: House Damage Assessment

District: _____

Date: _____

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

District: _____

Date: _____

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

District: _____

Date: _____

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

District: _____

Date: _____

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

District: _____

Date: _____

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

District: _____

Date: _____

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

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

District: _____

Date: _____

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

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

District: _____

Date: _____

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

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

District: _____

Date: _____

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

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

District: _____

Focal Person: _____

Date: _____

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

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

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

ANNEX XIII: FLOOD BUNDS

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	29,000
3	Jhang Division	Jhang Flood Protection Bund	43,875
4	Qadirabad Barrage Division	Left Marginal Bund	20,000
5	-do-	Right Marginal Bund	20,000
	Total in feet.		133,875
	Total in Miles.		25.36
BAHAWALPUR ZONE			
1	Punjnad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000
	Total in feet.		55,000
	Total in Miles.		10.42
MULTAN ZONE.			
1	Trimmu Division	Right Marginal Bund	20,000
2	-do-	Left Marginal Bund	20,000
3	Sulemanki Division	Left Marginal Bund	10,000
4	-do-	Right Marginal Bund	10,000
5	Shuja Canal Division	Right Bank of Shujabad Branch	10,000
6	-do-	Akbar Flood Bund	10,000
	Total in feet.		80,000
	Total in Miles.		15.15
D.G.KHAN ZONE			
1	Taunsa Barrage	Right Guide Bund Upstream	15,000
2	-do-	Left Guide Bund	20,000
3	-do-	Shahwala Groyne	10,000
4	Muzaffargarh Canal Division	Muzaffargarh Flood Bund	50,000
5	-do-	Doaba Flood Bund.	5,000
6	-do-	Khangarh Flood Bund	5,000
7	-do-	Khanwah Flood Bund	5,000
8	Jampur Construction Division	Jampur Flood Bund	5,000
9	-do-	Rojhan Flood Bund	20,000
	Total in feet.		1,35,000
	Total in miles		25.57
LBDC(IP)			

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

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
<u>D.G.KHAN ZONE</u>			
1	Taunsa Barrage	-do-	80,000
2	Kot Adu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
	Total in feet.		630,000
	Total in miles		119.32
<u>LBDC (IP)</u>			
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
<u>LAHORE ZONE</u>			
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
<u>PMO BARRAGES</u>			
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	10	2.5	3.75	5	6.5	8
	Taunsa	10	2.5	3.75	5	6.5	8
JHELUM	Kohala	12	1	1.5	2	3	4
CHENAB	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
	Marala	11	1	1.5	2	4	6
	Khanki	8	1	1.5	2	4	6
	Qadirabad	9	1	1.5	2	4	6
	Trimmu	6.45	1.5	2	3	4.5	6
	Punjnad	7	1.5	2	3	4.5	6
RAVI	Jassar	2.75	0.5	0.75	1	1.5	2
	Ravi Syphon	4	0.4	0.65	0.9	1.35	1.8
	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
	Balloki	2.25	0.4	0.65	0.9	1.35	1.8
	Sidhnai	1.5	0.3	0.45	0.6	0.9	1.3
	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	
SUTLEJ	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
	Islam Mailsi Syphon	3 4	0.5 0.75	0.8 1.1	1.2 1.5	1.75 2.25	2.25 3

ANNEX XV: LIST OF BASIC TERMS

Acceptable risk

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

Biological hazard

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

Capacity

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

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

Capacity building

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

Climate change

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

Coping capacity

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

Disaster

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

Disaster risk management (DRM)

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

Disaster risk reduction/disaster reduction

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

Early warning

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

Emergency management

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

Forecast

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

Geological hazard

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