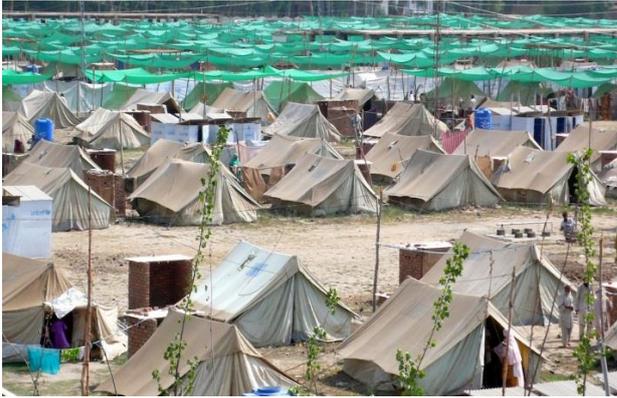


DISTRICT DISASTER MANAGEMENT PLAN 2018

Division: Dera Ghazi Khan

District:-Dera Ghazi Khan.



IDP Camp 2009



Earthquake



Floods in 2014



Fire incident at Lahori Gate, Lahore – Jan

Prepared by: Shahbaz Bukhari (District Disaster Management Coordinator)

Approved by: Mr. Mazhar Iqbal ADC (Rev) , D.G.Khan.



DISTRICT DISASTER MANAGEMENT PLAN 2018

TABLE OF CONTENTS

XX	EXECUTIVE SUMMARY.....	3
	AIM AND OBJECTIVES	4
	DISTRICT PROFILE.....	5
	COORDINATION MECHANISM.....	12
	RISK ANALYSIS.....	22
	MITIGATION STRATEGY	31
	EARLY WARNING	34
	RESCUE STRATEGY	36
	HUMANITARIAN ASSISTANCE	40
	ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS.....	41
	ANNEX II: LIST OF HAZARD PRONE VILLAGES/ REVENUE ESTATE (NAMES REQUIRED)	41
	ANNEX III: LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS	43
	ANNEX V: LIST OF INDUSTRIES WITH THEIR RISK LEVEL	46
	ANNEX VI: LIST OF NGO WORKING IN THE DISTRICT.....	577
	ANNEX VII: CONTACT LIST OF MAIN STAKEHOLDERS / DEPARTMENTS.....	74
	ANNEX VIII: LIST OF VOLUNTEERS.....	75
	ANNEX IX: POLITICAL CONSTITUENCIES	76
	ANNEX X: LOCAL GOVERNMENT	77
	ANNEX XI: DATA COLLECTION PERFORMAS	
	ANNEX XII: CAMP MANAGEMENT SOPS	85
	ANNEX XIII: FLOOD BUNDS.....	87
	ANNEX XIV: RIVER DISCHARGE RATES.....	91
	ANNEX XV: LIST OF BASIC TERMS	92

XX EXECUTIVE SUMMARY

Estimated number of people at risk of **hill torrent** in 2018



of total population

Risk: High



Risk: Medium



Risk: Low



Of total population

Risk: Medium

- I. To prevent loss of human lives and property.
- II. Preparedness, prevention and mitigation of disasters & critical incidents.
- III. A rapid response to critical incidents and disasters.
- IV. A more systematic and routine approach to critical incidents.
- V. Good coordination among all the agencies involved.
- VI. A system for evaluating all critical incidents with the goal of providing improvement.
- VII. To equip communities and instructions which knowledge and capacities for effective disaster risk management to reduce losses to lives and properties.

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	2417225 Approximatyl
2.	No. of Tehsils	03
3.	No. of UCs	64
4.	No. of Revenue Estates	NA
5.	Population Density (people per km ²)	385 per SQ Km (1998 census)
6.	Family Size	NA
7.	Pop Growth Rate	NA
8.	PCI	NA
9.	District GDP/Annual Income	NA
10.	Poverty Rate	NA
11.	Patient/Doctor Ratio	NA
12.	AMR	NA
13.	IMR	98
14.	MMR	43.5
15.	Literacy Rate	43.5%
16.	Global Acute Malnutrition (GAM) rate	
17.	Severe Acute Malnutrition (SAM) rate	NA
18.	Percentage of population having access to clean drinking water	62.9
19.	Annual Crime	NA

Population

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)	Vulnerable People (PLWs, disabled, aged)
	NA	NA	NA	NA	NA

Source/Note: Click here to enter text.

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

Source/Note: Click here to enter text.

Area (in acres)

Total Area of District in Km ²	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
11922 sq Km	1855000 Hectrares	NA	NA

Literacy Rate

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
45%	54%	27 %	79 %	60 %	58 %	32 %

Source/Note: Office of District Officers Statistics.

Government Schools

		Schools	Enrollment
Total/ Overall		1690	272021
Boys	Primary	791	89565
	Middle	108	48574
	High	84	15947
Girls	Primary	573	94513
	Middle	85	43546
	High	49	11996
Co-Education	Primary	00	00
	Middle	00	00
	High	00	00
Special Education		00	00

Private Schools

		Schools	Enrollment
Total/ Overall		849	189594
Boys	Primary	230	41127
	Middle	185	42976
	High	90	39280
Girls	Primary	115	22070
	Middle	185	20050
	High	44	24090
Co-Education	Primary	00	00
	Middle	00	00
	High	00	00
Special Education			

Higher/Technical/Professional Education (Public & Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution						
No of Students						

Health Facilities

HEALTH INSTITUTIONS INVOLVED DURING FLOOD RELIEF MEASURES
IN DISTRICT DERA GHAZI KHAN

Teaching Hospital	THQ Hospital	Civil Hospital	Rural Health Center	Basic Health Units	Govt. Rural Dispensaries	Civil Dispensaries	MCH Center
1	1	2	10	51	4	27	5

BED STRENGTH OF HEALTH INSTITUTIONS DURING FLOOD RELIEF
IN DISTRICT DERA GHAZI KHAN

Teaching Hospital	THQ Hospital	Civil Hospital	Rural Health Center	Basic Health Units	Govt. Rural Dispensaries	Civil Dispensaries	MCH Center	Total Bed Strength
500	80	50	180	106	4	-	-	820

STAFF / MANPOWER TO BE DEPLOYED DURING FLOOD EMERGENCY - 2018

Medical Officer of Tehsil D.G. Khan	Medical Officer of Tehsil Taunsa	Medical Officer of Tehsil Tribal Area	Medical Technician	Dispenser	Naib Qasid / S.P	Total staff to be deployed
11	5	5	5	22	25	76

District Officer Health	Deputy District Officer Health D.G. Khan	Deputy District Officer Health Taunsa	Deputy District Officer Health Tribal Area	Reserved emergency mobiles on threatened flood sectors	District Sanitary Inspector
01 No	01 No	01 No	01 No	02 No	01 No.

FUNCTIONING OF EQUIPMENT AND AMBULANCES

ALL AMBULANCES HAVE BEEN HANDED OVER TO RESCUE 1122 D.G.KHAN IN ORDER TO RUN PATIENT TRANSFER SERVICE IN DISTRICT D.G.KHAN.
ONLY TWO AMBULANCES ARE REMAINING WITH DHQ D.G.KHAN.

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

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

Veterinary hospitals	Veterinary dispensaries	Veterinary centres	A.I centres	A.i Sub-centers (within the premises of cvh & cvd)	Mobile veterinary dispensaries	Total
12	62	19	02	21	04	120

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	2010	11156	0	114	1575	811	NA	NA
2	2012	2986		100	110	74	NA	
3	2013	1731	00	75	350	255	NA	NA
4	2014	2622	00	45	175	55	NA	NA
5	2015	18700	6	70	855	577	NA	NA
6	2016	0	0	0	0	0	0	0

Disaster History – Other disasters (since 1970)

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1	Feb 2009	Suicide blast	78	30	NA
2	Dec 2009	Suicide blast	116	33	NA
3	2011	Suicide blast	42	10	NA

General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Rajanpur (Flood prone District), Muzaffargarh (Flood Prone District), Layyah (Flood Prone District)
Topographical Features	

Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc.
Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels Indus River, Taunsa Biradges, DGCanal,
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels
Motorway/Highway	Vulnerable points of motorway/highway Total Route of Highway in Ditric D.G.Khan is 500 Km (Kashmoor To Ramak=373) Ghazi Ghat to Bawata=111) Vernerable Points are Ghazi Ghat Bridge,Dharama Canal Bridg,Daat Bridge,D.G.Khan Canal Bridge, Kachi Canal Bridge, Vodore Bridge, Sakhi Sarwar Bridge, Mithawan Bridge, Rakhi Nala Bridge, Tali Bridge,Girdu Nala BridgeShahwali Bridge,Shori Creak Old Bridge,Shori Creak New Bridge,Miani Bridge,Thingan Bridge,Quadria Canal Bridge,Nallah Islam Bridge,Rajanpur Canal Bridge,Nallah Bridge,Shoriah Canal Bridge,Peer Adil Bridge,Kala Colony Bridge,Notak Bridge,Qambar Bridge,Qambar Bridge,Bohar Bridge, Sanghar Bridge,Sohrau wala Bridge,Nalah Bridge,Vahova Bridge
Railways	Vulnerable points of Railway
Geological features	e.g. fault line, mountainous areas etc.

Dams (including small dams)

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

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
Left Bank of Link NO 01 RD 119+000 to 205+000	27 KM Km	RD 103 link	RD 205 +000	Left Bank NO 01 RD 138+000 to RD 165+000 2. Lef Bank of link no IRD 165 +000 to RD 180+000 Left Bank of Link NO I RRD 180000 to rd 204+500	NA	NA

Breaching Section

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population			Likely Affected Revenue Estate	Remarks
			Male	Female	Children		
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA

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

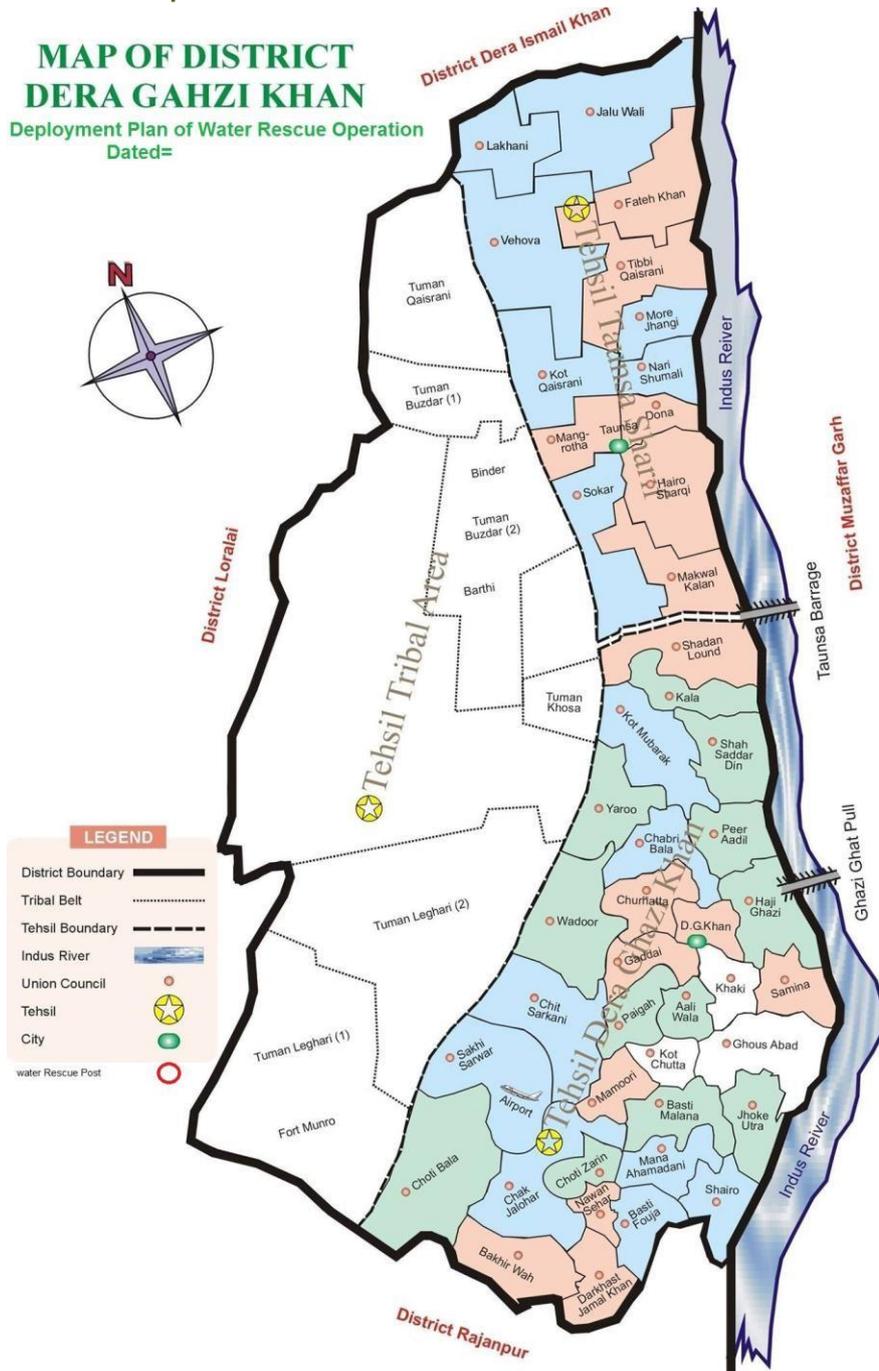
Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA

Airport / Landing Strips

Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
		X: Y:			X: Y:
Facility Type	Capacity	Location with GPS Coordinates	Facility Type	Capacity	Location with GPS Coordinates
Baloch lavey Line BMP 1	Sufficient.	NA	Keep the facility to store sufficient items in the warehouses in the District.		NA
Baloch lavey Line BMP 2	Sufficient.	NA	Keep the facility to store sufficient items in the warehouses in the District.		NA

District baseline/reference map

MAP OF DISTRICT DERA GAHZI KHAN
Deployment Plan of Water Rescue Operation
Dated=

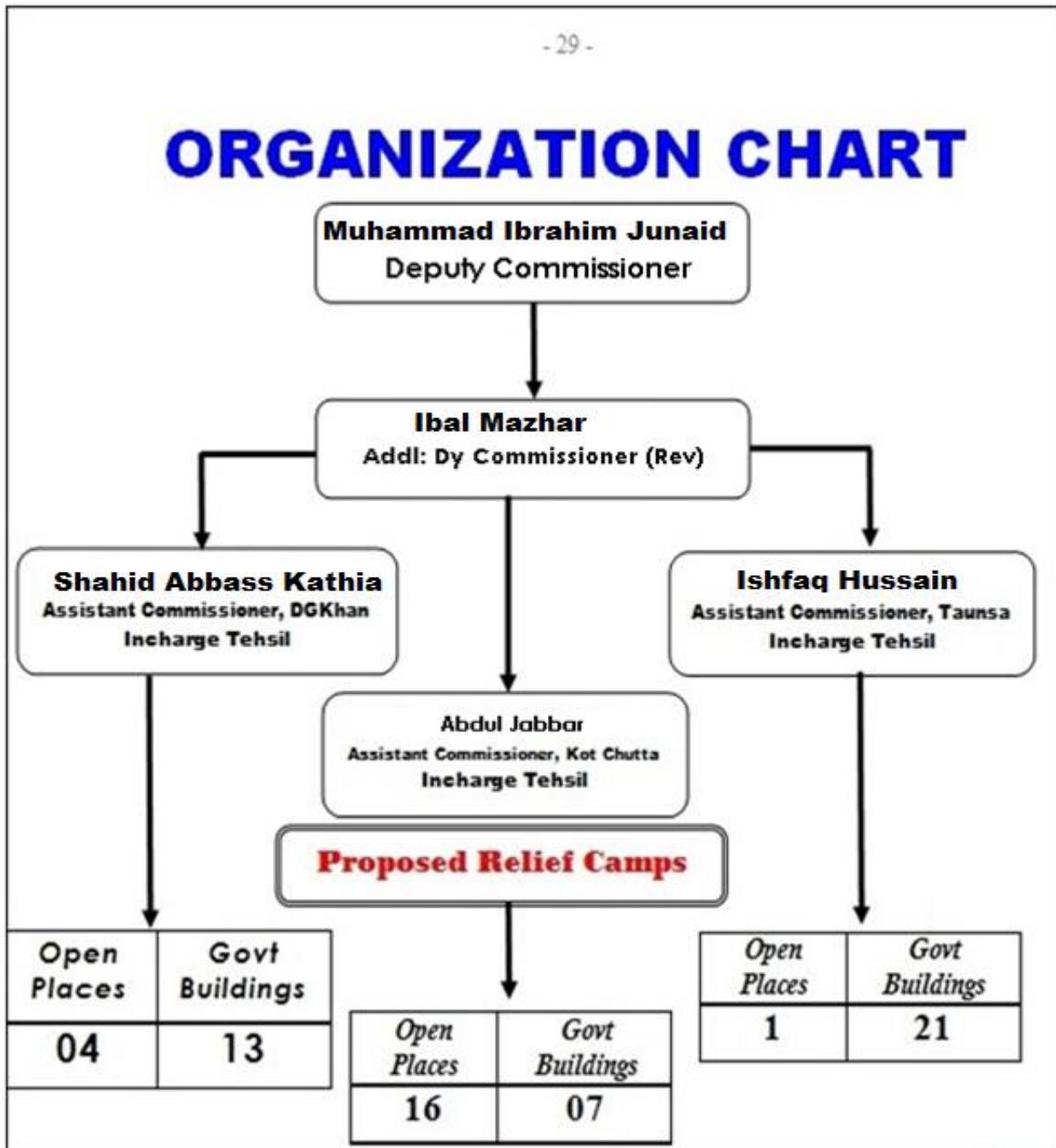


Al-Kanm Comp. DGK 2463344
P/N: MAP Soil & Testing Lab.cdr

Source:

COORDINATION MECHANISM

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



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

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

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

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

- 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 nondiscriminatory 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 DCO/DC should ensure that the following measures and steps have been taken:

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, and Officers of various Departments, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and

will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.

- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.
- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of causalities, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defence and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

Checklist for Revenue Department:

- Survey of 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 flood prone areas
- List of Numberdars with their contacts, volunteer from low lying settlements with contact numbers
- Prepare list of vulnerable villages and make an estimate of likely affected population in such villages in the event of flood
- Name and contact numbers of private boat owners and operators Announcement of Flood Warning at settlement level – Patwari responsible Forced evacuation with police
- Rapid assessment for relief goods and ration provision Coordination and reporting
- Carry out survey of entire flood affected areas to assess losses in collaboration with Agriculture, Livestock and Education Department
- Conduct crop damaged/ house damaged surveys

Tehsil / Municipal Corporation / Municipal Committees

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

District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DC. The office of the DC fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Municipal Corporation / Municipal Committees and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his/her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the Municipal Corporation / Municipal Committees.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made

through loudspeakers of the mosques utilizing the services of the Revenue department. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc. The tactical operations would be headed by the Additional Deputy Commissioner (Rev) (ADC (Rev)). The ADC (Rev) would be responsible for coordinating and supervising the disaster control and relief measures in the district.

- Provincial government had notified the following composition of DDMA's for whole of the province:
 - i. **Deputy Commissioner (Chairperson)**
 - ii. District Police Officer
 - iii. Additional Deputy Commissioner (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 (General)
 - viii. Additional Deputy Commissioner (F&P)
 - ix. Executive Engineer (Works & Services)
 - x. Chief Executive Officer (Health)
 - xi. Chief Executive Officer (Education)
 - xii. SP Special Branch
 - xiii. XEN Irrigation / Public Health
 - xiv. Civil Defense Officer D.G.Khan.
 - xv. Mayor Municipal Corporation D.G.Khan.
 - xvi. Chief Officer Municipal Corporation and Municipal Committees.
 - xvii. District Emergency Officer, Rescue 1122 (Secretary)
 - xviii. Representative of Red Crescent
 - xix. Such other District level Officers to be appointed by District Administration
- District Administration must establish a Disaster / Flood control room at the DC office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- The District Administration will immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Administration will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Chief Executive Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- Director (Agriculture) and Deputy Director Livestock would arrange fodder and feed supplement for livestock and animals displaced.
- District Regional Transport Authorities (DRTA) in all 36 districts of Punjab are managed by Secretaries who would coordinate with local transporters to arrange for arranging transport required for evacuation of people from affected areas. In case of shortfall in transport in a particular district, the adjoining district would mobilize the transporters in his district to assist with the evacuation of people.

ROLE OF RESCUE 1122 IN DISTRICTS DURING DISASTER

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

Pre-disaster Check list for DDMA

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

Disaster Emergency Control Room (functions and responsibilities)

A Disaster Management Coordination Centre working around the clock will be established at district level for effective coordination & mutual support among the different departments & agencies.

Functions of the Control Room:**RECEIPT OF WARNINGS:**

Warnings of a natural disaster (e.g. cyclone, floods, etc) will be issued in the first instance by the Bureau of Meteorology and the Officer in Charge is responsible to ensure that the information is immediately forwarded to the Chairman of the District Emergency Board. In the event of a manmade disaster for which a warning would not be issued by the Bureau of Meteorology, the designated control authority (Police, Rescue 1122 etc) is to advise the Chairman.

WARNING DISTRIBUTION:

Upon the implementation of this plan, all public warnings will be distributed through the Disaster Coordination Centre upon recommendation of the relevant control authority and on the authorization of the Chairman.

PUBLIC INFORMATION:

The distribution of contact or telephone numbers to the public for disaster information will be the responsibility of and at the discretion of the Chairman.

COORDINATION AMONG DIFFERENT DEPARTMENTS AND AGENCIES:

It will be responsible for the coordination among different departments and agencies. The required resources will be mobilized and provided at the operational site.

REPORTING:

All responsible organizations are to submit regular situation reports to the Disaster Coordination Centre.

REQUESTS FOR ASSISTANCE:

Any requests for assistance from outside the District are to be made by the Chairman.

CONFERENCE PROTRACTED OPERATIONS:

If the damage or disruption is of such an extent that operations are to continue over a number of days, the policy of daily meetings with officers in charge of control authorities and support organizations will be implemented for the purpose of coordinating effort and establishing priorities.

Checklist for Control Room:

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

Checklist for Relief Camp Incharge:

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

ROLE OF DISTRICT HEALTH AUTHORITY

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

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

In case of any disaster or calamity the District Health Authority will ensure that the following measures are in place;

- To provide first aid to the injured people and arrange evacuation of patients for further assistance.
- Medical camps and mobile health teams should be arranged for prevention and control of communicable diseases, immunization and provision of essential drugs.
- District Health Authority would make a roster of all medical officers and paramedics that would be deployed to these camps and teams.
- Drugs and other medical equipment should be available at all these camps and with mobile teams. The medicine should be for relevant flood related issues, **particularly Anti-snake venom, Anti-rabies.**

- The shelters or relief camps established by the district administration should have medical centers with ambulances and special facilities for women and children.
- An emergency control room will be established in the office of Directorate General Health Services and a representative of this emergency control room would be designated to PDMA's control room.
- A list of essential medicines would be prepared by the District Health Authority and it would ensure that medicines and other resources are present in sufficient stocks in hospitals in disaster hit areas.
- Medical colleges may be involved to create Emergency Response teams
- District Health Authority would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillances in the disaster hit areas should be carried out warnings if needed be issued through the Disease Early Warning System.
- Medical teams and paramedic staff should be mobilized and deployed for rapid assessment and quick response in the affected areas.
- A contingency plan will be prepared and submitted regarding preparedness for any disaster or calamity.
- The National Disaster Management Authority has designated WHO as the key organization that will fill the gaps in the supply of medicines, rapid diagnostic kits, and vaccinations etc.
- The department would employ female health workers in emergency areas specially, for spreading awareness regarding health risks in a disaster and for any vaccination or immunization programme that may be needed during any emergency.
- A Health and Nutrition Cluster for overall management and oversight of District Health Authority's disaster response would be formed at the Directorate General Health office.
- In case the medicine stocks or even the infrastructure is damaged due to floods, the department would draw up a plan for early recovery of health infrastructure and service delivery.

Civil-Military Coordination Mechanism

Any Disaster cannot be handle without the civil military coordination with other relivent department, District Police is ever been ready to deal with any kind of Major Incidents (disaster). All the DSP/SDPO's and SHO's have been directed in this regard to remain vigilant to face any difficulty and to utilize all kinds of its resources to maintain law & order situation in the district.

In the meanwhile the Representative of Military will ensure their presence along with all requisite resources.

Volunteer Network

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

Not Available as described by Executive District Officer (Civil Defense).

RISK ANALYSIS

1. Potential hazards of the district

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	5	4	20
Urban Flooding	4	0	12
Flash Floods	5	3	15
Hill Torrent	5	3	15
Glacial Lake Outburst Flood (GLOF)	0	0	0
Landslide	3	2	6
Tornado	0	4	0
Earthquake	0	0	0
Drought	0	0	0
Epidemic	0	0	0
Fire Incidents	4	3	12
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	5	4	20
Environmental Hazards (industrial accidents, severe pollution etc.)	5	4	20

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

District D.G.Khan have faced many Disaster during the period of last two decades, these disaster are included in both catagoris i.e Natual (Flood, Hill torrent) and Man-made (terrorrist ACtivities, Bomb blast, Road Traffic Accidents etc). The simple brif of major incidents in the District since last one decade is mentioned in the below:

DETAIL OF EMERGENCIES DURING LAST 10 (2008 TO 2018) YEARS IN DISTRICT D.G.KHAN.

No.	Emergency Type	No of Emergencies	Expired Victims.	Shifted Victims	First Aid.
1.	Road Traffic Accident	44127	890	6515	20252
2.	Fire	2856	11	59	65
3.	Bomb Blast / Terrorist Attack	4	81	165	4
4.	Flood	06	6	14+	First Aid = 421 Evacuation = 10615 Total = 11036
5.	Building Collapse.	359	109	332	160

Planning of Hazards:-

Following Planning is being implemented in order to reduce the damages of Disaster in District D.G.Khan.:-

Edges of Indus River are being strengthened by Irrigation Department in order to reduce the damage of Flood due to Indus River.

PREVENTION STRATEGIES:-

In order to prevent from any major disaster the following strategies will be set in different type of disasters:-

PREVENTION FROM ROAD TRAFFIC ACCIDENTS:-

1. Motorway Police at National Highways will be deputed.
2. Installation of Road Traffic Signals and slogans will be ensured.
3. Deployment of Traffic Wardens in the city will be ensured.
4. Enhancement in the power of Patrolling Police regarding imposing penalties against traffic rules violations on the high ways will be ensured.
5. One wheeling will be ban in best interest of Public.
6. Traffic signals / Signs and road safety slogans will be installed within the city and at high ways.
7. Painted reflected Speed breaker will be adonized on every junction of link high ways with main national highway (Multan, Quetta, Rajanpur and Taunsa).
8. The reflectors on each vehicle / cart will be ensured by the traffic police and Road Transport Authority.
9. Special campaign to increase awareness in the public and schools about traffic rules should be conducted by the traffic / Patrolling Police.
10. Conducting of seminars regarding prevention of Road Traffic Accidents.

PREVENTION FROM FIRE INCIDENTS:-

1. Detailed joint survey will be conducted to ensure preventive measures from fire incidents.
2. Installation of Fire hydrants in commercial plazas, markets, industrial and other risky areas of District D.G.Khan will be ensured.
3. Installation of Fire extinguishers in offices, commercial plazas, and markets, industrial and other risky areas of District D.G.Khan will be ensured.
4. Installation of fire safety equipment i.e. Smoke & Heat detector, Fire Alara System & sprinkle system will be ensured.
5. Emergency Exits in all multistory buildings will be ensured by concerned department.
6. Medical First Aid Kit & Fire extinguishers in all vehicles.
7. A massive campaign to Aware the community will be conducted.
8. The building codes will be followed.
9. Rule of LPG Cylinder will be implemented strictly by concerned department.

PREVENTION FROM FLOOD:-

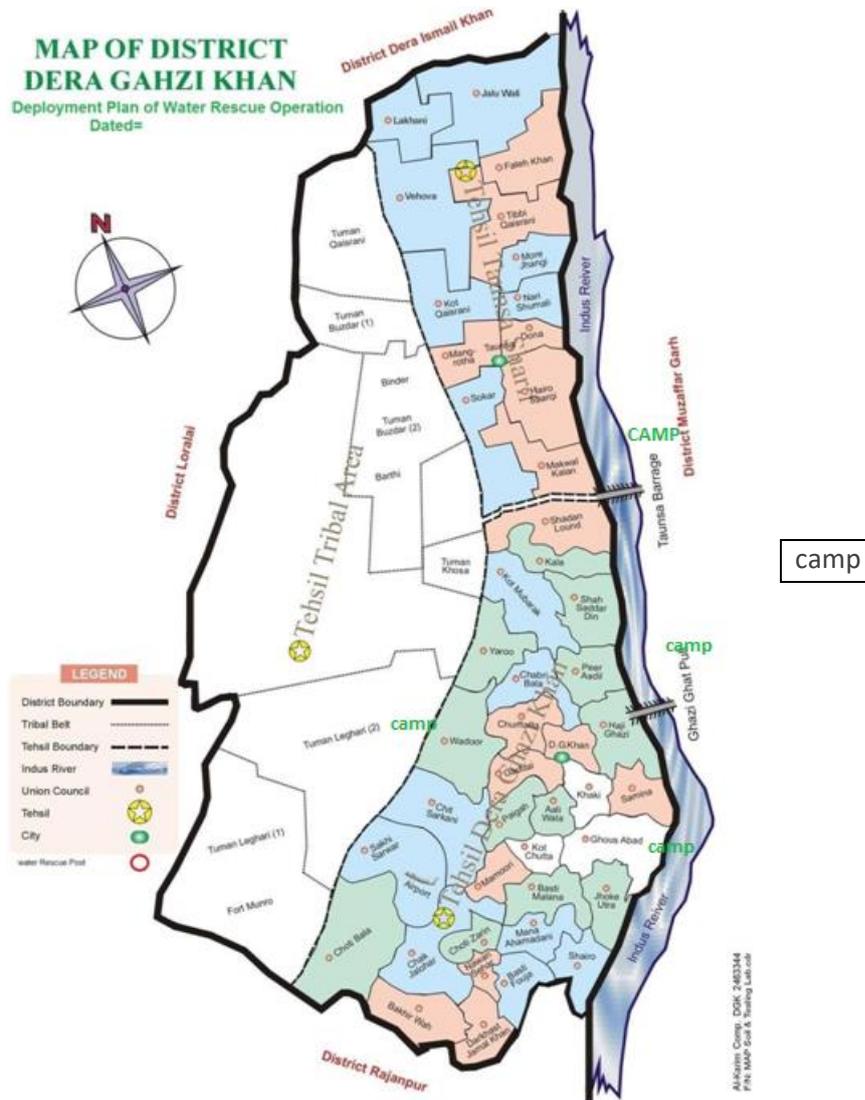
1. Hazard, vulnerability and capacity assessment of flood prone areas will be conducted.
2. Inter-agency coordination through District Disaster Management Authorities will be conducted.
3. Convene District Emergency Board meeting to take all stake holders on board.
4. Enrollment and training of Community emergency response teams (CERTs)
5. Recruitment of contingent OBM operator (if required)
6. Prepare comprehensive District Flood contingency Plan.
7. Survey mapping of vulnerable areas.
8. Regular updates from concerned flood monitoring centers, Pakistan metrological Department and flood forecasting Division.
9. To conduct joint scenario based exercise to test the equipment and on ground coordination amongst all stockholders.

10. Devise early deployment pattern mechanism for human resources equipment at strategic location duly marked on map.
11. Division of available manpower to detail dedicated teams for flood rescue operation and routine emergencies separately.

SCHOOL SAFETY STRATEGIES.

1. Uprising and Strengthen of School buildings will be ensured by concerned departments.
2. Emergency Management of Disaster plan of Schools will be prepared.
3. Mock exercises in order check the preparedness level will be conducted.
4. Awareness sessions in order to combat with any untoward situation will be conducted by Punjab Emergency Service Rescue (1122).

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



camp

Source:

3. RESPONSE & OPERATIONAL CAPACITY

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

After establishing a strong and vital liason between the all departments the response statergy has been prepared to ensure swift and effective response in case of any Disaster or Emergecny:-

TIERS OF RESPONSE:-

1st Tier. Local response by District teams to combat with any disaster.

2nd Tier: - Division efforts (Logistics / human resources) in support of District Teams.

3rd Tier: - Provincial Response by Disaster Response force in support of District & Divisional Teams.

The immediate steps to manage the incident will be deployment of resources and determine the priorities in an appropriate way to save the lives of victims. Following steps will be taken in this regard.

1. Immediate dispatch of all leading emergencies.
2. Additional resources may be called from other districts.
3. Dispatch of Disaster Response Force towards incident site.
4. Establishment of Incident Command Post by concerned leading agency.
5. Operational briefing to each
6. Deployment of rescuers in two shifts
7. Aggressive approach to extricate alive victims
8. Careful use of heavy machinery
9. Optimum provision of emergency care to injured
10. Identification & record keeping of victims
11. Shifting of victims to the hospitals for specialized treatment
12. Reporting.

Regionalized Urban Search & Rescue Response

Successful regionalized response system will be developed through good planning, and cooperation of many District Emergency Officers. This effort will be resulted in an effective rescue response system using specialized resources through mutual aid and cooperative agreement to achieve the level of response required in that particular scenario. There will be a dire need to aggressively conduct Search & Rescue operation in order to save the maximum number of human lives during structure collapse emergency and Flood etc. The initial actions will be taken by the incident commander to set the tone of the rescue operation.

4. STRATEGIC RESERVES

Items	Available	Functional	Non-Functional	Extra Demand
Boats	32	32	-	04
OBM	32	32	00	20
De-watering sets	142	142	00	18
Navigators	0	0	0	10
GIS devices	0	0	0	0
Life Jackets	460	460	0	1000
Life Ring	84	0	0	00
Life Lines	16	0	0	50
Scuba diving suit with complete accessories	04	0	0	08
First Aid Kits	0	0	0	100
Rescue Bag	40	0	0	100
Safety Harnesses	24	0	0	25
Ambulances	32	32	0	0
Fire Brigade	0	0	0	0
Water Tanks / Bouzers	6	6		0
Extendable Ladders	0	0	0	6
Hydraulic Cutter	1	1	0	4
Sonar Rader	0	0	0	4
Jumping Sheet	1	0	0	4
Bulldozer	17	17		0
Searchlight	77	77		50
Tent	2,567	0	0	4250
Mosquito Net	3250	0	0	100
Plastic Mat	926	0	0	20
Blanket	100	0	0	100
Any other main relief/rescue equipment	0	0	0	0
Generator Sets	0	0	0	06
Floating Ropes	26	0	0	50
Food Hamper	0	0	0	21580
Health & Hygiene Kits	0	0	0	1000
Rain Boots	40	0	0	100
Snake Catcher	02	0	0	10
Rubber Boats	0	0	0	10
Water proof Walki Talkies & Base sets	0	0	0	40
Water proof cameras	0	0	0	10

5. Gaps and Constraints

- *Briefly outline the capacity gaps in the provision of rescue and response;*
- *Describe major obstacles to providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)*

Although some departmental SOPs are constraints between department but this gap may be covered by adopting following initiatives:-

1. Arrangement of Meetings regarding District Disaster Management Authority.
2. Conduction of Mock Exercises.
3. Conduction of liaison and collaboration before, during and after any untoward situation.

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	1.	Revenue staff will ensure their presence to assist the flood effecties	Revenue. Irrigation. Health. Rescue (1122) Police. Army.
	2.	Representative from irrigation department will also be present at the disastrous area to assist and brief the situation of flood	
	3.	Camp Management will be ensured by the District Health Authority	
	4.	Anti-allergic Vaccination will be ensured by District Health Authority.	
	5.	Police department will ensure its presents in order to avoid and untoward situation	
	6.	Food and shelter will be provided	
	7.	Maximum Evacuation of flood effecties will be Ensured by the Rescue (1122).	
	8.	Assistant may be called from Pak Army.	
Urban Flooding	1.	Revenue staff will ensure their presence to assist the flood effecties	Revenue. Irrigation. Health Authority. Rescue (1122) Police. Municipal- Corporation ARMY
	2.	Representative from irrigation department will also be present at the disastrous area to assist and brief the situation of flood	
	3.	Camp Management will be ensured by the District Health Authority	
	4.	Anti-allergic Vaccination will be ensured by District Health Authority.	
	5.	Police department will ensure its presents in order to avoid and untoward situation	
	6.	Food and shelter will be provided	
	7.	Maximum Evacuation of flood effecties will be Ensured by the Rescue (1122).	
	8.	Dewatering and drainage system will be ensured for timely dispersion of water from urban areas.	
	9.	Assistant may be called from Pak Army.	
Flash Floods	1.	Revenue staff will ensure their presence to assist the flood effecties	Revenue. Irrigation. Health. Rescue (1122) Police. Army.
	2.	Representative from irrigation department will also be present at the disastrous area to assist and brief the situation of flood	
	3.	Camp Management will be ensured by the District Health Authority	
	4.	Anti-allergic Vaccination will be ensured by District Health Authority.	
	5.	Police department will ensure its presents in order to avoid and untoward situation	
	6.	Food and shelter will be provided	
	7.	Maximum Evacuation of flood effecties will be Ensured by the Rescue (1122).	
	8.	Assistant may be called from Pak Army.	

Hill Torrent	1.	Revenue staff will ensure their presence to assist the flood effecties	Revenue. Irrigation. Health. Rescue (1122) Police. Army.
	2.	Representative from irrigation department will also be present at the disastrous area to assist and brief the situation of flood	
	3.	Camp Management will be ensured by the District Health Authority	
	4.	Anti-allergic Vaccination will be ensured by District Health Authority.	
	5.	Police department will ensure its presents in order to avoid and untoward situation	
	6.	Food and shelter will be provided	
	7.	Maximum Evacuation of flood effecties will be Ensured by the Rescue (1122).	
	8.	Assistant may be called from Pak Army.	
Landslide	1.	Revenue staff will ensure their presence to assist area where land-sliding will be occurred.	Revenue. Health. Rescue(1122) Police. Army.
	2.	Police department will ensure its presents in order to avoid and untoward situation	
	3.	DHQ, RHC's, THQ's will be called high alert.	
	4.	Food and shelter will be provided (if Need)	
	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	
	6.	Assistant may be called from Pak Army.	
Earthquake	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	Revenue. Health. Rescue(1122) Police. Army.
	5.	Police department will ensure its presents in order to avoid and untoward situation.	
	5.	DHQ, RHC's, THQ's will be called high alert.	
	6.	Food and shelter will be provided (if Need)	
	7.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	
	8.	Assistant may be called from Pak Army.	
Drought	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	Revenue. Food. Health. Rescue(1122) Police. Army.
	2.	Police department will ensure its presents in order to avoid and untoward situation.	
	3.	Representative of Food department will ensure his presence to guide and assist the departments.	
	4.	Food and shelter will be provided by District Administration.	
	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	
	6.	Assistant may be called from Pak Army.	

Epidemic	<table border="1"> <tr> <td data-bbox="309 203 392 275">1.</td> <td data-bbox="392 203 1294 275">Revenue staff will ensure their presence to assist area where earthquake will be occurred.</td> </tr> <tr> <td data-bbox="309 275 392 347">2.</td> <td data-bbox="392 275 1294 347">Police department will ensure its presents in order to avoid and untoward situation.</td> </tr> <tr> <td data-bbox="309 347 392 454">5.</td> <td data-bbox="392 347 1294 454">Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).</td> </tr> <tr> <td data-bbox="309 454 392 510">6.</td> <td data-bbox="392 454 1294 510">DHQ, RHC's, THQ's will be called high alert.</td> </tr> </table>	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	2.	Police department will ensure its presents in order to avoid and untoward situation.	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	6.	DHQ, RHC's, THQ's will be called high alert.	Revenue. Police. Rescue 1122 Health.						
1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.															
2.	Police department will ensure its presents in order to avoid and untoward situation.															
5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).															
6.	DHQ, RHC's, THQ's will be called high alert.															
Fire Incidents	<table border="1"> <tr> <td data-bbox="309 539 392 663">1.</td> <td data-bbox="392 539 1294 663">Revenue staff will ensure their presence to assist area where earthquake will be occurred.</td> </tr> <tr> <td data-bbox="309 663 392 741">2.</td> <td data-bbox="392 663 1294 741">Police department will ensure its presents in order to avoid and untoward situation.</td> </tr> <tr> <td data-bbox="309 741 392 819">3.</td> <td data-bbox="392 741 1294 819">Representative of Building Department / Municipal Corporation will be present with approved map of Building.</td> </tr> <tr> <td data-bbox="309 819 392 853">4.</td> <td data-bbox="392 819 1294 853">Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately.</td> </tr> <tr> <td data-bbox="309 853 392 931">5.</td> <td data-bbox="392 853 1294 931">Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).</td> </tr> <tr> <td data-bbox="309 931 392 965">6.</td> <td data-bbox="392 931 1294 965">DHQ, RHC's, THQ's will be called high alert.</td> </tr> <tr> <td data-bbox="309 965 392 1021">7.</td> <td data-bbox="392 965 1294 1021">Assistant may be called from Pak Army.</td> </tr> </table>	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	2.	Police department will ensure its presents in order to avoid and untoward situation.	3.	Representative of Building Department / Municipal Corporation will be present with approved map of Building.	4.	Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately.	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	6.	DHQ, RHC's, THQ's will be called high alert.	7.	Assistant may be called from Pak Army.	Revenue. Police. Rescue 1122 Fire Brigade. Health. Army.
1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.															
2.	Police department will ensure its presents in order to avoid and untoward situation.															
3.	Representative of Building Department / Municipal Corporation will be present with approved map of Building.															
4.	Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately.															
5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).															
6.	DHQ, RHC's, THQ's will be called high alert.															
7.	Assistant may be called from Pak Army.															
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<table border="1"> <tr> <td data-bbox="309 1070 392 1193">1.</td> <td data-bbox="392 1070 1294 1193">Revenue staff will ensure their presence to assist area where earthquake will be occurred.</td> </tr> <tr> <td data-bbox="309 1193 392 1272">2.</td> <td data-bbox="392 1193 1294 1272">Police department will ensure its presents in order to avoid and untoward situation.</td> </tr> <tr> <td data-bbox="309 1272 392 1350">3.</td> <td data-bbox="392 1272 1294 1350">Representative of National Highway Authority or Provincial Highway / municipal corporation will be present.</td> </tr> <tr> <td data-bbox="309 1350 392 1384">4.</td> <td data-bbox="392 1350 1294 1384">DHQ, RHC's, THQ's will be called high alert.</td> </tr> <tr> <td data-bbox="309 1384 392 1462">5.</td> <td data-bbox="392 1384 1294 1462">Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).</td> </tr> <tr> <td data-bbox="309 1462 392 1507">6.</td> <td data-bbox="392 1462 1294 1507">Assistant may be called from Pak Army.</td> </tr> </table>	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	2.	Police department will ensure its presents in order to avoid and untoward situation.	3.	Representative of National Highway Authority or Provincial Highway / municipal corporation will be present.	4.	DHQ, RHC's, THQ's will be called high alert.	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	6.	Assistant may be called from Pak Army.	Revenue. Police. Rescue 1122 Fire Brigade. Health. Army.		
1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.															
2.	Police department will ensure its presents in order to avoid and untoward situation.															
3.	Representative of National Highway Authority or Provincial Highway / municipal corporation will be present.															
4.	DHQ, RHC's, THQ's will be called high alert.															
5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).															
6.	Assistant may be called from Pak Army.															
Environmental Hazards (industrial accidents, severe pollution etc.)	<table border="1"> <tr> <td data-bbox="309 1541 392 1664">1.</td> <td data-bbox="392 1541 1294 1664">Revenue staff will ensure their presence to assist area where earthquake will be occurred.</td> </tr> <tr> <td data-bbox="309 1664 392 1742">2.</td> <td data-bbox="392 1664 1294 1742">Police department will ensure its presents in order to avoid and untoward situation.</td> </tr> <tr> <td data-bbox="309 1742 392 1821">3.</td> <td data-bbox="392 1742 1294 1821">Representative of Industries department will be present with approved map of Building.</td> </tr> <tr> <td data-bbox="309 1821 392 1899">4.</td> <td data-bbox="392 1821 1294 1899">Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately (if needed).</td> </tr> <tr> <td data-bbox="309 1899 392 1977">5.</td> <td data-bbox="392 1899 1294 1977">Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).</td> </tr> <tr> <td data-bbox="309 1977 392 2011">6.</td> <td data-bbox="392 1977 1294 2011">DHQ, RHC's, THQ's will be called high alert.</td> </tr> <tr> <td data-bbox="309 2011 392 2051">7.</td> <td data-bbox="392 2011 1294 2051">Assistant may be called from Pak Army.</td> </tr> </table>	1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.	2.	Police department will ensure its presents in order to avoid and untoward situation.	3.	Representative of Industries department will be present with approved map of Building.	4.	Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately (if needed).	5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).	6.	DHQ, RHC's, THQ's will be called high alert.	7.	Assistant may be called from Pak Army.	Revenue. Police. Rescue 1122 Fire Brigade. Industries Environmnet. Health. Army.
1.	Revenue staff will ensure their presence to assist area where earthquake will be occurred.															
2.	Police department will ensure its presents in order to avoid and untoward situation.															
3.	Representative of Industries department will be present with approved map of Building.															
4.	Fire Fighting will be done by Fire Brigade and Rescue (1122) immediately (if needed).															
5.	Transportation of Effective victim after all codal medication formalities will be ensured by the Rescue (1122).															
6.	DHQ, RHC's, THQ's will be called high alert.															
7.	Assistant may be called from Pak Army.															

Alertness Levels

Following four levels alertness have been established:

<p>Level-D (Disaster threat is perceptible)</p>	<p>DDMA shall conduct monthly meetings besides atleast 2 mock exercises (Disaster threat 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 D + DDMA shall issue “alert” to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for occurrence on call mobilization and monitor the situation 6 hourly. Only DCO and DPO shall grant leave according to the situation. less than 100%)</p>
<p>Level-B (High Alert) (Disaster threat is imminent)</p>	<p>Activities to be undertaken in level C + DDMA shall issue EW to all stakeholders and “High Alert” for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for (Disaster threat evacuation and disaster management have been mobilized as per DDMP.</p>
<p>Level-A (Red Alert) (Disaster is materialized)</p>	<p>All emergency (health, fire, rescue 1122, TMA etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis. Activities to be undertaken in level B + DDMA shall respond to the emergency immediately and shall carry out rescue and relief operation as defined in DDMP and shall continuously monitor the situation. Resources of adjoining districts shall be mobilized and Army may be called keeping in view the magnitude of the disaster. materialized)</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.

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.*

OPERATIONAL STRATEGY.

The general strategy in response was “Do the greatest good for the greatest number in the shortest period of time”. The operation will involve the search for, and rescue of alive victims and delicate application of force. Time remains critical factor in the initial strategy for achieving various rescue objectives, with the commensurate deployment of resources.

Risk to the rescuers will be maintained minimize or eliminate in the initial phase of response as risk / benefit and safety will be major consideration throughout the operation. To ensure a full deployment and allow for rotation of rescue personal, concerned teams will be assigned the responsibilities to carry out the Search & Rescue Operation. Each task force strived to perform physical, electronic and canine search; evaluate and stabilize the damage structure; extricate victims from collapse structure; provide emergency medical care to victims and shift the victims to nearest hospital.

Operational Considerations

- Area cordon-off
- Control and manage the spontaneous responder Evacuating bystanders and nonessential people
- Establishment of incident command post
 - Identification and prioritization of operational objectives Tactical planning
 - Determine the resource requirement
- Identification of logistic support requirements Ensured multi-disciplinary response
 - Deployment of resources
- Monitoring & Evaluation of rescue operation
 - Dynamic risk assessment
- Continuous review of Progress
- Documentation of all activities

Phases of Rescue Operation

The critical responsibilities of the rescue team leaders will be to determine, evaluate, and prioritize the rescue operation with a focus on extrication of trapped alive victims.

Phase I:

- Initial response
- Assessment of the collapse structure / in any major incident.
- Evaluation of the structure's stability
- Area was searched for possible victims (surface/trapped)
- Identification of potential hazards
- Shut down of utilities for safety

Phase II:

- Reinforced response
- Sectorization of the collapsed structure
- Identification of void spaces
- Physical, electronic visual, acoustic, and canine search
- Deployment of resources
- Removal of all surface victims as quickly and safely as possible
- Provisions of emergency medical care to the injured

Phase III:

- All voids and accessible places were searched and explored for viable victims
- Confined space entries
- Hailing search by Audible calling out in voids/accessible places
- Canine search with the help of Pak Army dogs
- Electronic viewing with search cameras
- Application of Acoustic listening device
- Extrication of lightly trapped and visible victims
- Provisions of emergency medical care and shifting to the injured
- Horizontal and vertical cutting/breaching of unreinforced and reinforced concrete

Phase IV:

- Forcible entry points
- Use of special tools & equipments to locate and extricate victims
- Extrication of all identified victims
- De-layering of concrete slabs (lifting of concrete slabs, beams, and columns)
- Selected debris removal
- Careful use of heavy machinery

Phase V:

- Extrication of the deceased
- General debris removal
- Use of heavy machinery to clear the rubble
- Demobilization

Search

The search team will be responsible to locate trapped victims. The teams capability included electronic (visual imaging, acoustic), canine and physical search. The search techniques will be applied separately or in combination depending on the situation.

Rescue

The rescue team will be responsible to evaluate incident areas for hazards, stabilize damage structures of the collapse, breaching and victim extrication in any major incident. The main Aim will be to evacuate maximum number of trapped victims was extricated on the "Golden Day" (First 24 hours)

Medical

The medical team will be assigned the responsibilities to provide emergency medical treatment and shifting of the victims. The emergency medical treatment will be provided by emergency medical technicians and the injured were shifted to nearby hospitals.

Communications

The hand held radio communication devices enhanced the operational capability of rescue teams as it linked the working teams and remained a potential solution for disseminating information quickly and accurately. The inter agency communications will be carried out through District Control Room or Rescue (1122) Control.

Incident Command Post

The incident command post will be established at the incident site in the incident command vehicle for information gathering, tactical planning, briefing sessions, develop incident action plans, coordinate the task force's efforts, ensure two way communications between the incident commander and task forces, reporting/documentation, rotation of the rescue teams and to integrate all resources.

Finance & Lo

The Finance & Logistics team will be included logistics (transportation, supply of food & water, procurement of needed items), repair, & maintenance of the cache, communications, POL, security and provision of heavy machinery and equipment.

The Finance & Logistics cell will facilitate the operation in terms of supply of all necessary items, provision of food & water to the rescuers, POL for the equipment, immediate repair of machinery & equipment and transportation.

The Media

The media will remain a positive source in providing timely and accurate information to the public. Public Relations Wing of Punjab Emergency Service will organized media briefings on a daily basis during which Director General kept on updating the progress of rescue operation.

Plan “A” B and C

In case of plan” A” activation, already deployed/available resources in any institute will combat any emergency/incident. Plan-B shall be activated if more resources are required to be deployed or a bomb threat call is received. Plan-C shall be activated in case of large scale incident requiring all available resources in the district to be deployed.

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*

Civil society and Non-Government Organizations (NGO) can play key roles in disaster management. Organizations generally work at grass root level, and thus could be instrumental to raise public awareness and preparedness in the field of Disaster management. During disaster Organizations (NGOs) can assist in humanitarian work like rescue operation and relief distribution, medical facilities etc and in post-disaster phase they can actively assist in reconstruction and rehabilitation works. In D.G.Khan

District several organizations are actively working during disaster and are mainly involved in awareness raising, preparedness and research on disaster management. In case emergency, shelter, cooked food, free medicines, ambulance service, dry ration and other possible facilities will be provided to the affectees through NGOs

DDMA (Dera Ghazi Khan)

ANNEX I: IDENTIFIED SITES FOR DISPLACED PERSONS

1	Ghazi Ghat Bridge	Maximum	
2	Pull Qambar	Maxximum	NA
3	Wadoor	Maximum	NA
4	Taunsa Biradge	Maximum	NA

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

Hazards	Tehsils	UCs	Names of Revenue Estates	Names of Villages
Floods	D.G.Khan Kot Chutta. Taunsa. Trible Area.		Kollay Wali, Malana, Noria Koria Sharki, Mehtar Bakhsh Arain, Sadar bader, Dargai Chand, Noria koria Gharbi,Ladan, Meeran, Usman Dona. Sawai, Alam Khan Karm Sah, chak rawin Sabin Machi, Rakh Sabin machi, Pati Makwal, Masoo sikhani, Pati Kasai, Meras Gurmani, Dera Puran, Soba arain, Haji Ghazi Sharki, Bait Mori, Sakhera Arain, Gharbi, Darama , Basti Bai, Chutala, Samina Sharki, Mantoos wala, Rakh, Gujja Bahar Sial, Jia Pitafi, Kachi Pitafi. Rawan, Shaba barkhand , Kot meer hasan, Phapri, sultan sandila, banjar jalal, basti kheera.	Kollay Wali, Malana, Noria Koria Sharki, Mehtar Bakhsh Arain, Sadar bader, Dargai Chand, Noria koria Gharbi,Ladan, Meeran, Usman Dona. Sawai, Alam Khan Karm Sah, chak rawin Sabin Machi, Rakh Sabin machi, Pati Makwal, Masoo sikhani, Pati Kasai, Meras Gurmani, Dera Puran, Soba arain, Haji Ghazi Sharki, Bait Mori, Sakhera Arain, Gharbi, Darama , Basti Bai, Chutala, Samina Sharki, Mantoos wala, Rakh, Gujja Bahar Sial, Jia Pitafi, Kachi Pitafi. Rawan, Shaba barkhand , Kot meer hasan, Phapri, sultan sandila, banjar jalal, basti kheera. Sabran Naacha. Samina sharki, Gharbi, Shero.
Urban Flooding			Areas of Hill torrents in the City of District D.G.khan as early described.	Areas of Hill torrents in the City of District D.G.khan as early described.

Flash Floods			Same	Same.
Hill Torrent			Chabri Bala Gharbi, Sharki, Umrani, Khalol, Yaroo, Chabri Zareen, Bela, kingrani, Kocho wadani, noorwah, Dalana pati zai, Bhoojari, Pati Khaas, toomi , Rakh bela wadoor, Dagar Chitt, Chit Sarkani, Pagan 1, Pagan 2, Pagan 3, Khosa basti, Mamori, Kaim wala. Salari, Jalari. Shadan lund. Churratta, kot haibat, pachad shumali, janoobi, sindh janoobi, shomali, rakh churratta, wadoor, sindh, Kotla sikhani gharbi. Bahadur garh, pati sultan lishari, darwaish lashari. Notak sikhani, pati makwal, Naraki, kala, ramin,	Chabri Bala Gharbi, Sharki, Umrani, Khalol, Yaroo, Chabri Zareen, Bela, kingrani, Kocho wadani, noorwah, Dalana pati zai, Bhoojari, Pati Khaas, toomi , Rakh bela wadoor, Dagar Chitt, Chit Sarkani, Pagan 1, Pagan 2, Pagan 3, Khosa basti, Mamori, Kaim wala. Salari, Jalari. Shadan lund. Churratta, kot haibat, pachad shumali, janoobi, sindh janoobi, shomali, rakh churratta, wadoor, sindh, Kotla sikhani gharbi. Bahadur garh, pati sultan lishari, darwaish lashari. Notak sikhani, pati makwal, Naraki, kala, ramin, Chack lama shadan lund, amdani, Pati Kasai. Ramin,kosha kukar, hota hotani. Shero dasti, piso pirar, basti ranjha,
Tornado			NA	NA
Earthquake			Any area of District may be affected.	
Drought			Not Expected.	
Epidemic			NA	NA

Environmental Hazards (industrial accidents, severe pollution etc.)			All national Highways. Atomic energy.	
---	--	--	--	--

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

HUMAN RESOURCE MANAGEMENT

TEHSIL DERA GHAZI KHAN.

The Deputy District Officer Health D.G.Khan will be the Incharge of Tehsil Dera Ghazi Khan.

LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

Sr. No.	Tehsil	Name of Health Facilities	Health Facilities Type	Name and Contact No. of the Focal Person	Hazard Vulnerability (Floods, Earthquake etc)
1	D.G.Khan	Teaching / DHQ Hospital D.G.Khan	Tertiary	Dr. Ateeq ur Rehman 0333.6002042 /064-9260224	Flood/ Earthquake
2	D.G.Khan	BHU Wadoor	Primary	Dr. Ayesha Iram 0313-4141682	Flood
3	D.G.Khan	BHU Kot Haibat	Primary	Dr. Sadia Balqees 0332-6090333	Flood
4	D.G.Khan	BHU, Yaroo	Primary	Dr. Farhat Abbas No. 03006783738	Flood
5	D.G.Khan	BHU, Gaddai	Primary	Dr. Misbah Jamil No. 0333-6457819	Flood
6	D.G.Khan	BHU Samina	Primary	Dr. Rubina Naz 0308-4749004	Flood
7	D.G.Khan	BHU Pir Adil	Primary	Dr. Shahid Hameed 0333-6444221	Flood
8	D.G.Khan	BHU Ghousabad	Primary	Dr. Rizwan Naeem 0333-8399944	Flood
9	D.G.Khan	BHU Bait Bait wal	Primary	Dr. Sana Ullah No. 03458055635	Flood
10	D.G.Khan	RHC, Sarwar Wali	Secondary	Dr. Ghafoor Leghari No. 0331-7271781	Flood / Earthquake

11	D.G.Khan	BHU Haji Ghazi	Primary	Dr. Sana Khalid No. 0333-6481855	Flood
12	D.G.Khan	RHC Shadan Lund	Secondary	Dr. Zohaib No. 03338554708	Flood / Earthquake
13	D.G.Khan	RHC, Kala	Secondary	Mr. Javed Haidar Lund No. 03006787970	Flood / Earthquake
14	D.G.Khan	BHU Chabri Zarin	Primary	Dr. Samina Gul No. 0336-6221025	Flood
15	Kot Chutta	BHU Sehroo	Primary	Dr. Syed Amjad Ali No. 03346739117	Flood
16	Kot Chutta	BHU Bhakr wah	Primary	Dr. Sidra Javid No. 03486440853	Flood
17	Kot Chutta	RHC, Qadirabad	Secondary	Dr. Hafeez Lund No. 03006785439	Flood
18	Kot Chutta	BHU, Mian pheroo	Primary	Dr. Waseem Sarwar No. 0333-4879369	Flood
19	Kot Chutta	BHU, Tal Pur	Primary	Dr. M. Yaqoob 0332-6378920	Flood
20	Kot Chutta	BHU, Jhoke Utra	Primary	Dr. Tehseen Akram No. 03332686647	Flood
21	Kot Chutta	CH, Sakhi Sarwar	Secondary	Dr. Ejaz Hussain 0343-9326619	Flood / Earthquake
22	Taunsa	BHU, Nutkani	Primary	Dr. Lal Khan No. 03335361272	Flood
23	Taunsa	BHU, Trimin	Primary	Dr. Jamshid Iqbal No. 03459848531	Flood
24	Taunsa	BHU, Hairo Sharqi	Primary	Dr. Mohammad Rashid No. 03470311259	Flood
25	Taunsa	BHU, Sanjar	Primary	Dr. Saleem Arif No. 0333-6161740	Flood
26	Taunsa	RHC, Tibi Qaisrani	Secondary	Dr. Naveed SMO 0333-6006709	Flood / Earthquake
27	Taunsa	BHU, More Jhangi	Primary	Dr. Nawaz No. 0333-4947070	Flood
28	Taunsa	BHU, Lakhani	Primary	Dr. Hafiza Mehreen Gull No. 0308-7581190	Flood
29	Taunsa	BHU, Dona	Primary	Dr. M. Akhtar No. 0333-6067362	Flood
30	Taunsa	BHU, Mangrotha	Primary	Dr. Mohammad Mussab No. 0333-6270035	Flood
31	Taunsa	BHU, Sokar	Primary	Saddat Hussain No. 03336483713	Flood
32	Taunsa	THQ Taunsa	Secondary	Dr. Khalil Ahmad No. 0333-6464001	Flood / Earthquake

Area of Jurisdiction

Specific areas have been ear-marked to each mobile as well as static team. In case of Flood Mobile teams will immediately rush to the respective areas and will start relief work.

Essential medicines:

Sufficient stock of essential medicines will available in District D.G.Khan to face the Flood Emergency (list of medicines attached – Annex-A)

SUFFICIENT QUANTITY OF VACCINE:

Vaccine like ASV, ARV and A.T.T will be available at every static flood relief center as well as mobile teams.

ORS:

Sufficient quantity of ORS will be available in District D.G. Khan to meet emergency during the flood.

Allocation of beds:

78 beds are reserved at Teaching /THQ Hospital and RHCs level in District D.G. Khan to deal with emergency need.

RELIEF MEASURES DURING FLOOD**ACTIVITIES:**

- To provide Medical Aid to flood affected population & emergency services round the clock.
- To prevent the epidemic in the flood affected area by:
 - Vaccination
 - Malaria control measure
 - Health Education
- Liaison with District Admanistratironfunctionary and central Flood Relief Cell of District Government.
- Data collection from the working camps and onward submission to concerned corner.

**HEALTH INSTITUTIONS INVOLVED DURING FLOOD RELIEF MEASURES
IN DISTRICT DERA GHAZI KHAN**

Teaching Hospital	THQ Hospital	Civil Hospital	Rural Health Center	Basic Health Units	Govt. Rural Dispensaries	Civil Dispensaries	MCH Center
1	1	2	10	51	4	27	5

BED STRENGTH OF HEALTH INSTITUTIONS DURING FLOOD RELIEF IN DISTRICT DERA GHAZI KHAN

Teaching Hospital	THQ Hospital	Civil Hospital	Rural Health Center	Basic Health Units	Govt. Rural Dispensaries	Civil Dispensaries	MCH Center	Total Bed Strength
500	80	50	180	106	4	-	-	820

STAFF / MANPOWER TO BE DEPLOYED DURING FLOOD EMERGENCY - 2018

Medical Officer of Tehsil D.G. Khan	Medical Officer of Tehsil Taunsa	Medical Officer of Tehsil Tribal Area	Medical Technician	Dispenser	Naib Qasid / S.P	Total staff to be deployed
11	5	5	5	22	25	76

District Officer Health	Deputy District Officer Health D.G. Khan	Deputy District Officer Health Taunsa	Deputy District Officer Health Tribal Area	Reserved emergency mobiles on threatened flood sectors	District Sanitary Inspector
01 No	01 No	01 No	01 No	02 No	01 No.

FUNCTIONING OF EQUIPMENT AND AMBULANCES

- All ambulances except 02 have been handed over to Rescuee 1122 D.G.Khan.

ANNEX V: LIST OF INDUSTRIES WITH THEIR RISK LEVEL

Sr.	Industry Name	Location	GPS Coordinates	Risk Type (Chemical, Biological, Radiological, Nuclear)	Name and Contact of Focal Person	Risk level (Low, Medium, High)	Porn to Hazard? Flood/ Fire/Earthquake
1	D.G. Flour mill	near Taunsa by-pass road, D.G.Khan	X: 30.11954 Y: 070.66557	-	Nouman 0303-6667410	Low	Fire and it may be the earthquake
2	Hayatani rice mill,	Taunsa road, D.G.Khan.	X: 30.12450 Y: 070.66831	-	Gulam Fareed 0321.6794990	Low	Fire and it may be the earthquake
3	Mastoi cotton and oil industry	Adda JhokYaar Shah, Taunsa road, D.G.Khan.	X: 30.13733 Y: 070.67723	-	Aftab Ahmed 0336.7303029	Low	Fire and it may be the earthquake
4	Fakhar Alam Khan rice mill	Taunsa road, D.G.Khan.	X: 30.14671 Y: 070.68338	-	Aftab Ahmed 0336.7303029	Low	Fire and it may be the earthquake
5	Jhangail rice mill,	Kot Mubarak, Taunsa road, D.G.Khan.	X: 30.20048 Y: 070.66316	-	Hazoor Bakhsh 0345-3277444	Low	Fire and it may be the earthquake
6	DG Cement factory,	Khofli satti, D.G.Khan.	X: 30.32335 Y: 070.53946	Chemical and Biological	Hafeezullah Shah 0333.8589312	Medium	Fire and it may be the earthquake
7	Al-Razi rice mill	Tibbi wala pull, Taunsa road, D.G.Khan.	X: 30.16573 Y: 070.69832	-	Razi Khan 0307-7595651	Low	Fire and it may be the earthquake
8	Gishkori rice mill,	Taunsa road, D.G.Khan.	X: 30.16601 Y: 070.69920	-	Rab Nawaz 0344.8534452	Low	Fire and it may be the earthquake

9	Pakistan rice mill,	Taunsa road, D.G.Khan.	X: 30.17266 Y: 070.70296	-	Muhamm ad Safdar 0345-7514019	Low	Fire and it may be the earthquake
10	Atta Baig cotton industry	Taunsa road, D.G.Khan.	X: 30.18357 Y: 070.71157	-	Abdul Ghafar 0345.7360486	Low	Fire and it may be the earthquake
11	Kanera rice mill	Taunsa road, D.G.Khan.	X: 30.18488 Y: 070.71176	-	Farooq Ahmed 0345.7203031	Low	Fire and it may be the earthquake
12	New Thal Rice mill	Peer Adil, D.G.Khan.	X: 30.21184 Y: 070.73198	-	Tauqeer Ahmed 0300.8680945	Low	Fire and it may be the earthquake
13	Sheikh Flour Mill	Taunsa road, D.G.Khan.	X: 30.09831 Y: 070.65865	-	Muhamm ad Ishaq 0333.6482848	Low	Fire and it may be the earthquake
14	Suleman rice mill	Peer Adil, Taunsa road, D.G.Khan.	X: 30.23334 Y: 070.73124	-	Abdullah Khan 0333.6485059	Low	Fire and it may be the earthquake
15	Sidiq rice mill	Shah sadar din, Taunsa road, D.G.Khan.	X: 30.25749 Y: 070.72927	-	Ghulam Yaseen 0342.3971805	Low	Fire and it may be the earthquake
16	New Punjab rice mill	Shah sadar din, Taunsa road, D.G.Khan.	X: 30.26673 Y: 070.72846	-	Muhamm ad Yamin 0336.6479014	Low	Fire and it may be the earthquake
17	Dasti rice mill	Shah sadar din, Taunsa road, D.G.Khan.	X: 30.27332 Y: 070.72804	-	Mushtaq Ahmed 0333-6364474	Low	Fire and it may be the earthquake
18	Insaaf rice mill	Shah sadar din, Taunsa road, D.G.Khan.	X: 30.28724 Y: 070.72750	-	Riaz Hussain 0331.7349714	Low	Fire and it may be the earthquake
19	Mashallah rice sheller,	Kala colony, Taunsa	X: 30.34082	-	Sajjad Hussain	Low	Fire and it may be the earthquake

		road, D.G.Khan.	Y: 070.70764		0334- 2012198		
20	Nawab rice mill,	Kala colony, Taunsa road, D.G.Khan.	X: 30.34034 Y: 070.70791	-	Ali Muhamm ad 0345.8132 800	Low	Fire and it may be the earthquake
21	Baig rice mill,	Kala Taunsa road, D.G.Khan.	X: 30.39223 Y: 070.72366	-	Atta Muhamm ad 0345- 7360486	Low	Fire and it may be the earthquake
22	Wahid adnan cotton ginners,	Shadan lund, Taunsa road, D.G.Khan.	X: 30.42821 Y: 070.72679	-	Farhat Abbas Lund (Contact not given)	Low	Fire and it may be the earthquake
23	Atta baig rice mill,	Shadan lund, Taunsa road, D.G.Khan.	X: 30.43841 Y: 070.72743	-	Atta Muhamm ad 0345- 7360486	Low	Fire and it may be the earthquake
24	Mastoi cotton factory,	Shadan lund, Taunsa road, D.G.Khan.	X: 30.45013 Y: 070.72865	-	Aftab Khan 0346.7303 029	Low	Fire and it may be the earthquake
25	Abdullah Moaaz unit no. 02 cotton ginning factory,	Shadan lund Taunsa road, D.G.Khan.	X: 30.45553 Y: 070.72818	-	M. Saleem 0300.6788 796	Low	Fire and it may be the earthquake
26	Pakistan cotton industry,	near Pull Qambar, Taunsa road, D.G.Khan.	X: 30.49285 Y: 070.72092	-	Arif Nadeem 0333.6004 142	Low	Fire and it may be the earthquake
27	Kotaddu Indus cotton industry	Zinda peer road, D.G.Khan.	X: 30.50808 Y: 070.70883	-	Abdul Shakoor 0333.6008 999	Low	Fire and it may be the earthquake
28	Abdullah Moaaz	Zinda peer mor, Taunsa	X: 30.50773	-	M. Saleem	Low	Fire and it may be the earthquake

	cotton factory,	road, D.G.Khan.	Y: 070.70524		0300.6788796		
29	Hamza javed cotton factory,	Enayat abad, taunsa road, D.G.Khan.	X: 30.53697 Y: 070.70305	-	Muhamm ad Khan 0300.6869555	Low	Fire and it may be the earthquake
30	Mushtaq brothers cotton and flour mills,	Enayat abad, Taunsa road, D.G.Khan.	X: 30.53756 Y: 070.70349	-	Mian Mushtaq (Contact not given)	Low	Fire and it may be the earthquake
31	Gilani flour mill,	Ada karim abad, Taunsa road, D.G.Khan.	X: 30.54850 Y: 070.69835	-	Abdul Ghafar 0333.6007585	Low	Fire and it may be the earthquake
32	Sanghar cotton industry	Adda karim wala, Taunsa road, D.G.Khan.	X: 30.55640 Y: 070.69166	-	Muhamm ad Awais 0300.7397878	Low	Fire and it may be the earthquake
33	Khan cotton industry,	Adda karim wala, Taunsa road, D.G.Khan.	X: 30.56257 Y: 070.69218	-	Mazhar Shoaib (Contact not given)	Low	Fire and it may be the earthquake
34	baloch cotton factory,	Javed abad Taunsa road, D.G.Khan.	X: 30.56731 Y: 070.69012	-	Ghulam Abbas 0303.6666244	Low	Fire and it may be the earthquake
35	Zubair cotton ginners,	Dhodhak mor, Taunsa	X: 30.76266 Y: 070.66424	-	Kausar Rasheed (Contact not given)	Low	Fire and it may be the earthquake
36	Wasaib cotton factory	Taunsa road, D.G.Khan.	X:30.58154 Y:070.68899	-	M. Hameed 0333.6467413	Low	Fire and it may be the earthquake
37	Atomic Energy Plants	Quetta road, D.G.Khan.	X: 30.02216 Y:070.61794	Radiological and Nuclear	Abdul Majed Nasir 064-9260072	High	Fire and it may be the earthquake

38	Prince Parts and Agri industries,	Quetta road, D.G.Khan.	X:30.01671 Y:070.59263	-	M. Saleem (no. not given)	Low	Fire and it may be the earthquake
39	Khalil Group of Industries	Quetta road, D.G.Khan.	X:30.01271 Y:070.57370	Chemical	Farooq Ahmed 0345.8434444	Medium	Fire and it may be the earthquake
40	Pak city flour mill	Quetta road, D.G.Khan.	X:30.01178 Y:070.56910	-	Malik Riaz (no. not given)	Low	Fire and it may be the earthquake
41	Hotani Cotton Industries	Quetta road, D.G.Khan.	X:30.01025 Y:070.56037	-	M. Khan 0346-7312002	Low	Fire and it may be the earthquake
42	Lakh Data Flour Mills	Quetta road, D.G.Khan.	X:30.00123 Y: 070.55989	-	Mr. Qasim (no. not given)	Low	Fire and it may be the earthquake
43	Umer Usman Flour Mills	Quetta road, D.G.Khan.	X:30.00945 Y:070.55834	-	Umer Usman 03136780953	Low	Fire and it may be the earthquake
44	Al-Manzoor Cotton Industries and oil mills,	Quetta road, D.G.Khan.	X:30.00906 Y:07055645	-	Nazar Hussain 0336-6789085	Low	Fire and it may be the earthquake
45	Al-Ghazi Tractor Factory Pvt, Ltd.	Quetta road, D.G.Khan.	X:30.00641 Y:070.54404	Chemical	Shahid Mehmood 0300.2039159	Medium	Fire and it may be the earthquake
46	Rahim Bakhsh Textile mills	Quetta road, D.G.Khan.	X:30.00491 Y:07053621	-	M. Yousaf 0345.8244005	Low	Fire and it may be the earthquake
47	Rehmat Cotton industry	Quetta road, D.G.Khan.	X:30.00326 Y:070.52838	-	Rehmatullah 0321.6791862	Low	Fire and it may be the earthquake
48	Leghari group of Industries	near pull daat Quetta road, D.G.Khan.	X:30.03144 Y: 070.63828	-	Habib Khan 0300.6789108	Low	Fire and it may be the earthquake
49	Itifaq Cotton	near By-pass chowk	X:30.06216	-	Ghulam Fareed	Low	Fire and it may be the earthquake

	Ginners and oil mill	Multan road, D.G.Khan.	Y:070.68956		0333.3079293		
50	Shahid cotton and oil mill	near by-pass chowk Multan road, D.G.Khan.	X:30.06411 Y: 070.69570	-	Abdul Aleem 0331.4561133	Low	Fire and it may be the earthquake
51	Abdullah Haseeb cotton factory and oil mill	near by-pass chowk Multan road, D.G.Khan.	X:30.06500 Y:070.69869	-	Abdullah 0300.6789513	Low	Fire and it may be the earthquake
52	Husnain floor mill	near by-pass chowk Multan road, D.G.Khan.	X:30.06499 Y: 070.69965	-	Atta-ur-Rehman 0332-7575927	Low	Fire and it may be the earthquake
53	Three Star Flour Mill	Quetta road, D.G.Khan.	X:30.01268 Y:070.57369	-	Nasrullah 0307-6666111	Low	Fire and it may be the earthquake
54	Economy Pesticides	Choti Zarein, D.G.Khan.	X: 29.85076 Y: 070.49993	-	Mehmood Qadir (No. not given)	Medium	Fire and it may be the earthquake
55	Nasuha group of industries	D.I.Khan road, D.G.Khan.	X: 30.77981 Y: 070.66942	-	Shehbaz Ali 0345.7360786	Low	Fire and it may be the earthquake
56	Taiba cotton industry,	D.I.Khan road, D.G.Khan.	X: 30.78317 Y: 070.67017	-	Irfan Aziz 0321.3260177	Low	Fire and it may be the earthquake
57	Qaisrani cotton industry	near kot mor, D.I.Khan road, D.G.Khan.	X: 30.78663 Y: 070.67160	-	Abdul Latif 0333.6002500	Low	Fire and it may be the earthquake
58	Burhan cotton industry,	D.I.Khan road, D.G.Khan.	X: 30.79490 Y: 070.67488	-	Ghulam Abbas 0300.7513958	Low	Fire and it may be the earthquake

59	Taunsa cotton industry,	D.I.Khan road, D.G.Khan.	X: 30.79442 Y: 070.67399	-	Muhamm ad Sajid 0345.4843 118	Low	Fire and it may be the earthquake
60	Taunsa rice mill,	D.I.Khan road, D.G.Khan.	X: 30.79611 Y: 070.67417	-	Muhamm ad Sajid 0345.4843 118	Low	Fire and it may be the earthquake
61	Mastoi Group of industries,	D.I.Khan road, D.G.Khan.	X: 30.89439 Y: 070.68920	-	Sajid Pervaiz 0321.6789 004	Low	Fire and it may be the earthquake
62	Daman cotton industry Tibbi Qaisrani	D.I.Khan road, D.G.Khan.	X: 31.02280 Y: 070.67597	-	Allah Nawaz 0334.5133 007	Low	Fire and it may be the earthquake
63	Classic cotton factory Dao Mor	D.I.Khan road, D.G.Khan.	X: 31.02850 Y: 070.67187	-	Javed Iqbal 0333.6481 111	Low	Fire and it may be the earthquake
64	Insaf cotton factory	D.I.Khan road, D.G.Khan.	X: 30.78906 Y: 070.67231	-	Liaqat Ali 0300.7397 878	Low	Fire and it may be the earthquake
65	OGDCL plant,	Dhodak, D.G.Khan.	X: 30.81102 Y: 070.50653	Chemical	Unit closed	Medium	Fire and it may be the earthquake
66	Lube – Mehran LPG plant,	Dhodak, D.G.Khan.	X: 30.81742 Y: 070.50253	Chemical	Unit closed	Medium	Fire and it may be the earthquake
67	Anoud LPG gas plant,	Dhodak, D.G.Khan.	X: 30.81717 Y: 070.50033	Chemical	M. Aslam Hayat (no. not given)	Medium	Fire and it may be the earthquake
68	PARCO LPG gas plant,	Dhodak, D.G.Khan.	X: 30.81725 Y: 070.50093	Chemical	Unit closed	Medium	Fire and it may be the earthquake
69	Malik Kaloo and Allah wasaya rice sheller,	near pull daat, D.G.Khan.	X: 30.02687 Y: 070.64258	-	Malik Kaloo (no. not given)	Low	Fire and it may be the earthquake

70	Al-Husnain cotton ginner,	Jampur road, D.G.Khan.	X: 30.02535 Y: 070.64255	-	Irfan Nadeem 0333.6482383	Low	Fire and it may be the earthquake
71	Rehmat cotton industry	Jampur road, D.G.Khan.	X: 30.01405 Y: 070.64688	-	Rehmat Khosa (no. not given)	Low	Fire and it may be the earthquake
72	Husnain Irfan cotton ginner and oil mill	Jampur road, D.G.Khan.	X: 30.01333 Y: 070.64714	-	Irfan Nadeem 0333.6482383	Low	Fire and it may be the earthquake
73	Al-Khaliq flour mill	Jampur road, D.G.Khan.	X: 30.00920 Y: 070.64372	-	Malik Khaliq 0641641793	Low	Fire and it may be the earthquake
74	Sultan flour and cotton factory,	Jampur road, D.G.Khan.	X: 29.99998 Y: 070.64976	-	Unit closed	Low	Fire and it may be the earthquake
75	Rehman / Ghulam Shabir cotton ginner,	Jampur road, D.G.Khan.	X: 29.99719 Y: 070.65135	-	Ghulam Shabir 0321-6783840	Low	Fire and it may be the earthquake
76	Choti Textile mill,	Jampur road, D.G.Khan.	X: 29.98836 Y: 070.65222	-	Jafer Leghari 064-2845018	Low	Fire and it may be the earthquake
77	Al-Hamad textile mill,	Paigah, D.G.Khan.	X: 29.98647 Y: 070.66182	-	Aurangzai b 0333.2754946	Low	Fire and it may be the earthquake
78	Amjad Farooq flour mill,	Jampur road, D.G.Khan.	X: 29.96303 Y: 070.65492	-	Ghulam Mustafa 0301.4650577	Low	Fire and it may be the earthquake
79	New Amjad/ Mehran Bilal cotton factory,	Jampur road, D.G.Khan.	X: 29.96041 Y: 070.65546	-	Malik Bilal 0300.6789655	Low	Fire and it may be the earthquake
80	Sharjeel Amjad cotton ginner,	Jampur road, D.G.Khan.	X: 29.95963 Y: 070.65514	-	Malik Amjad	Low	Fire and it may be the earthquake

					0301.465057 7		
81	Al-Manzoor group of industries,	Jampur road, D.G.Khan.	X: 29.95885 Y: 070.65519	-	Nazar Hussain 0336.6789 088	Low	Fire and it may be the earthquake
82	Hussain traders,	Jampur road, D.G.Khan.	X: 29.95094 Y: 070.65584	-	Amanullah 0333.6774 448	Low	Fire and it may be the earthquake
83	Al-Hamad cotton factory and oil mill,	Jampur road, D.G.Khan.	X: 29.95007 Y: 070.65663	-	Sheikh Javed 0335.6481 144	Low	Fire and it may be the earthquake
84	Khalil Flour mill,	Jampur road, D.G.Khan.	X: 29.94884 Y: 070.65652	-	Khalil Khan 0345- 8434444	Low	Fire and it may be the earthquake
85	Khursheed Cotton industries,	Jampur road, D.G.Khan.	X: 29.94801 Y: 070.65661	-	Khursheed Khosa (no. not given)	Low	Fire and it may be the earthquake
86	Habib cotton ginners,	Jampur road, D.G.Khan.	X: 29.94071 Y: 070.65745	-	Amanullah 0333.6477 523	Low	Fire and it may be the earthquake
87	Allah Tawaqol rice mill,	Jampur road, D.G.Khan.	X: 29.93982 Y: 070.65779	-	Sheikh Sabir 0333.6485 205	Low	Fire and it may be the earthquake
88	Akbar cotton factory,	Jampur road, D.G.Khan.	X: 29.92894 Y: 070.65884	-	Ghulam Akbar (no. not given)	Low	Fire and it may be the earthquake
89	Gausia Ghee mill	Jampur road, D.G.Khan.	X: 29.92776 Y: 070.65863	Chemical	Haji Zulfiqar 0334- 6367674	Medium	Fire and it may be the earthquake
90	Waseem Cotton Industry and oil mill,	Jampur road, D.G.Khan.	X: 29.91798 Y: 070.66023	-	Malik Yaseen 0333.7086 200	Low	Fire and it may be the earthquake

91	Bismillah traders cotton ginners and oil mill,	Jampur road, D.G.Khan.	X: 29.91685 Y: 070.66045	-	Chod. Shehzad 0300.6789 522	Low	Fire and it may be the earthquake
92	Wali cotton industry and oil mill,	Jampur road, D.G.Khan.	X: 29.90750 Y: 070.66040	-	Muhamm ad Sadiq 0335.2761 122	Low	Fire and it may be the earthquake
93	Arain Fiber Ltd.,	Jampur road, D.G.Khan.	X: 29.87095 Y: 070.63968	-	Muneer Ahmed 0323.8644 001	Low	Fire and it may be the earthquake
94	Arain Mills Ltd.,	Jampur road, D.G.Khan.	X: 29.85831 Y: 070.63631	-	Muneer Ahmed 0323.8644 001	Low	Fire and it may be the earthquake
95	Yahya / Hamza Textile Mills,	Jampur road, D.G.Khan.	X: 29.85633 Y: 070.63550	-	Mian Kashif 0300.6652 079	Low	Fire and it may be the earthquake
96	Suleman spinning mill,	Jampur road, D.G.Khan.	X: 29.85123 Y: 070.63331	-	Muneer Ahmed 0323.8644 001	Low	Fire and it may be the earthquake
97	Arain textile mills Ltd.	Jampur road, D.G.Khan.	X: 29.85081 Y: 070.63310	-	Muneer Ahmed 0323.8644 001	Low	Fire and it may be the earthquake
98	Punjab cotton ginning factory,	Jampur road, D.G.Khan.	X: 29.79793 Y: 070.61773	-	Unit closed	Low	Fire and it may be the earthquake

ANNEX VI: LIST OF NGO WORKING IN THE DISTRICT

Sr. No	Name of NGO Address	Registration No	Date of Registration	Head of Organization	Telephone Number		Field of Services of NGO (e.g. Women Welfare, Child Welfare, Welfare of Disabled)	Type/ Nature of Services (e.g. School, Industrial Centre, Physiotherapy Centre)	Geo Tagging Status of NGO (Yes/ No)
					Land line	Mobile			
Tehsil Dera Ghazi Khan									
1	Aghaz Development Organization, Block-V, D.G.Khan	DO,SW(DG K)2011-296	28-12-2011	Ghulam Fareed		0301-7584189	Women Welfare	Industrial Home, Girls Hostel	Yes
2	Al-Asar Development Organization, Block-S, D.G.Khan.	DDSW(DGK)96-151	10/3/1996	Syed Sajjad Naqvi.		0333-6464683	Health, Education, Industrial Home, Advocacy.	Hospital, Schools, Physiotherapy Centre, Industrial Centre	No
3	Al-Bait Development Organization, Muslim Town, D.G.Khan	DO,SW(DG K)2014-325	25-09-2014	Sh. Manzoor Ahmad		0334-6747509	Women Welfare, Youth Welfare, Health and Education	Industrial Home	No
4	Al-Eiman Development Organization, Block.No.58, Taunsa Road, D.G.Khan.	DO,SW(DG K)2006-224.	20-01-2006	Muhammad Asif Naqvi		0333-6482792	Patient Welfare. Women Welfare. Child Welfare.	Hospital, Schools, Physiotherapy Centre, Industrial Centre	No
5	Al-Fateh Development Organization, House#128, Qadeer Abad Colony, D.G.Khan	DO,SW(DG K)2010-279	15-02-2010	Robeena Shaheen		0331-7323254	Child & Women Welfare	Industrial Home	No
6	Al-Habib Development Organization, Leghari Falour Mills, Pul Dat, D.G.Khan	DO,SW(DGK)2009-272	14-04-2009	Khalil-ur-Rehman Leghari		0321-6789708	Environment	Poor Welfare	No
7	Al-Hamd Development Organization, Fort Munroo, Tehsil Tribal Area	DO,SW(DGK)2008-264	23-06-2008	Muhammad Jafar		0346-7315799 0336-6464678	Health	Free Medical Camps	No

8	Al-Mustafa Taraqati Tanzeem, Block-47, Kangan Road, D.G.Khan.	DD,SW(D GK)02-195	2/2/2002	S. Imtiaz Haidar Naqvi		0333-6484 813	Health. Technical Center, Advocacy.	Advocacy	No
9	Al-Shifa Health Care Association, Near Fatima Children Complex, Balakh-e-Sarwar City, D.G.Khan	DO,SW(D GK)2014-321	12/6/2014	Dr. Akbar Khan Siddiqui		0331-7377 224 0336-7009 011	Health Development	Lectures on Health Issues	No
10	Al-Sirat Development Organization, Shams Abad Colony, D.G.Khan	DO,SW(D GK)2008-265	4/7/2008	Syed Shafqat Abbas Naqvi		0334-6309 999	Health		No
11	Anjuman Falah-o-Behood, Saeed Wala, P/O Shah Sadar Din, Teh: D.G.Khan.	DD,SW(M D)83-17	21-05-1983	Nazir Ahmad.		0334-7588 800	Women Welfare	Insustaiial Home.	No
12	Anjuman Falah-o-Behood, Sarwarwali, P/O Darahma, Teh: D.G.Khan.	DSW(Pb) 77-1109	28-11-1977	Syed Muhammad Tariq		0316-6097 414	Women Welfare	Insustaiial Home.	No
13	Anjuman Madarsa Rahimia Abdia, Block.No.18 , D.G.Khan.	DSW(Pb) 75-825	15-11-1975	Qari Abdul Basit		0333-6461 751	Child Welfare.	Religious Education.	No
14	Asra Development Organization, Siyal	DO,SW(D GK)2006-238	16-08-2006	Kalsoom Sajjad		0334-6759 383	Behood-e-Naujawan, Behood-e-Kahwateen	Dispensary	No

	Manzil, House#362, Block-17, D.G.Khan.								
15	Ass Developme nt Organizatio n, Mastoi Colony, Malkani Street Near Khayaban- e-Sarwar, D.G.Khan	DO,SW(D GK)2008- 268	18-10- 2008	Muhammad Abid Malkani		0332- 6208 854	Disability	Physio Therapi Center	No
16	Auj Developme nt Council, Kachi Abadi Bhutta Colony, D.G.Khan.	DO,SW(D GK)2005- 216	22-07 - 2005	Javaid Iqbal		0333- 6474 334	Women & Child Welfare, Patient Welfare	Free Dispensa ry, Industrial Home	No
17	Awami Itehad Welfare Organizatio n, Gaddai, D.G.Khan	DO,SW(D GK)2013- 313	21-10- 2013	Muhammad Ramzan		0321- 6786 578	Women, Youth, Child and Disabled Welfare	Communi ty Develop ment, Educatio n	No
18	Benazir Developme nt Organizatio n, Bodla Colony, Block#18, D.G.Khan	DO,SW(D GK)2009- 273.	18-04- 2009	Muhammad Ramzan Dani		0345- 7145 051	Women Development	School	No
19	Bint-e- Aman Developme nt Organizatio n, Khayaban- e-Sarwar, D.G.Khan	DSW(PB) 77-1108		Mrs. Aliya Altaf		0308- 7582 366	Women Development	Hostel for Women	No
20	Children Developme nt Organizatio n, Block-Q, D.G.Khan	DD,SW(D GK)97- 174	28-05- 1997	Syed Tanveer Naqvi		0300- 6784 800	Youth and Women Welfare	Book Bank. Type Center.	No

21	Al-Noor Development Organization, Dari Meero P/O Sarwar Wali Tehsil D.G.Khan	DO,SW(D GK)2007-247	7/3/2007	Naveed Ahmad		0321-3262005	Child Welfare. Patient Welfare	Education Center, Free Medical Camps	No
22	Citizen Development Organization, 102-F, Dera Ghazi Khan	DO,SW(D GK)2007-250	14-06-2007	Sumaira Ansari		-	Women Welfare	Awareness Programme	No
23	Community Empowerment Front(CEF), 115/A, Jinnah Road, D.G.Khan.	SDO,SW(D GK)02-199	7/5/2002	Syed Riaz Jazib.		0333-6464681	Women & Child Welfare	Non-formal Schools. Adult Literacy Schools, Industrial Home	No
24	Community Welfare Organization, 115-A, D.G.Khan	DD,SW(D GK)90-31	20-01-1990	M. Tahir Hanif.		0333-6162797	Women & Child Welfare	Health, Education, Vocational Centre, Literacy	No
25	Concept Development Services, Block-X, Model Town, D.G.Khan	DO,SW(D GK)2010-282	8/4/2010	Amjad Saeed Siddiqui		0332-9898919	Women & Patient Welfare	Awareness on Human Rights	No
26	D.G.Khan Foundation For Disabled Persons, Al-Noor Public School, Block-B, D.G.Khan	DO,SW(D GK)2013-315	29-11-2013	Dr. Mansoor Ahmad		0344-8694535	Welfare & Rehabilitation of Disabled Persons.	Disabled Welfare	No
27	D.G.Khan Model Bazar Welfare Organization, Model	DO,SW(D GK)2013-306	5/3/2013	DCO		-	Provision of low price articles	Model Bazar	No

	Bazar, D.G.Khan								
28	Disable Welfare Organization, Gulshan-e-Iqbal, Samina Chowk, D.G.Khan	DO,SW(D GK)2015-329	4/3/2015				Disabled Welfare, Women Welfare, Patient Welfare	Disabled Welfare	No
29	District Anti T.B, Malaria & AIDS Control Association, NGO Complex, DHQ Hospital, D.G.Khan	DSW(Pb) 74-728	10/9/1974	Dr. Muhd Ashraf Khan.		-	T.B. Patient Welfare.	T.B.Sanitorium	No
30	Fair Filed Welfare Organization, Block-Z, Model Town, D.G.Khan	DO,SW(D GK)2015-330	2/5/2015			-	Wonen Welfare, Education, Patient Welfare	School	No
31	Ghazi Ijtamai Taraqiati Council,Block.No.29, D.G.Khan.	DSW(Pb) 69-834	17-12-1969	Javaid Ahsan Khan.		-	Health, Women Welfare, Education.	Industrial Centre	No
32	Ghazi Women Working Council, 449-Shahzad Colony, D.G.Khan.	DD,SW(D GK)92-97	7/11/1992	Mrs. Zinat Khan.		-	Women Welfare, Patient Welfare, Widows	Industrial Centre	No
33	Ghazwa Development Organization, Near Railway Crossing, Shadan Lund, Teh: D.G.Khan.	DO,SW(D GK)2003-207	11/11/2003	Mrs. Nuzhat Saeed.		-	Health, Dispensary, Primary School.	Micro Finance	No

34	Guardian Welfare Organization, House#57, Block No. 1, D.G.Khan	DD,SW(D GK)84-04	13-11-1984	Muhammad Tahir Hanif		-	Patients Welfare	Industrial Home.	No
35	Health and Education for Local People (HELP) Community Welfare Organization, Darishak Manzil, Block-17, D.G.Khan	DO,SW(D GK)2014-319	26-02-2014	Muhammad Atif Ali Darishak			Women Welfare, Youth Welfare, Health and Education	Community Development	No
36	Help Line Development Organization, Block-G, House.No.34, D.G.Khan.	DO,SW(D GK)2005-218	12/8/2005	Khurum Nawab		-	Industrial Home, Book Bank, Child Labour School.	Health, Education	No
37	Helping People Development Organization, Shah Sikandar Road, D.G.Khan	DO,SW(D GK)2013-312	1/10/2013	Robina Imtiaz		0331-8636551	Health, Education and Women Empowerment	Beauty Parlor	No
38	Himat Development Organization, Geo Care Hospital, Block#18, D.G.Khan	DO,SW(D GK)2011-291	1/8/2011	Dr. Shaheena Najeeb Khosa			Health & Education	School, Health Awareness Prog	No
39	Human Rights Welfare Association, Bilawal House, Muslim	DO,SW(D GK)2009-274	13-07-2009	Sardar Riaz Hussain Khan		-	Human Rights	Awareness on Human Rights	No

	Town, D.G.Khan								
40	Idara Al-Hayat(Regd), D.H.Q.Hospital, D.G.Khan.	DSW(Pb) 77-1055	29-10-1977	Dr. Gul Muhammad Shamsi.		2462 317	Patient Welfare, Free Medical & Eye Camps, Industrial Homes, Dylises Center.	Free Medician for Poor Patients	No
41	Insan Dost Development Organization, 14-Fareedi Bazar, Block#17, D.G.Khan	DO,SW(D GK)2010-285	3/11/2010	Muhammad Ali		-	Women & Patient Welfare	Awarnes s on Different Issues	No
42	Jamia Islamia, Block-G, D.G.khan.	DSW(Pb) 77-1204	4/7/1978	Haji Syed Muhammad.		-	Religious Education.	School, Religious Centre	No
43	Jazba Welfare Foundation, Shams Abad Colony, D.G.Khan	DO,SW(D GK)2014-326	4/12/2014	Fazal Abbas			Women Welfare	Doverly for Poor Girls	No
44	Kawish Development Organization, Muhalla Muhajran, Samina	DO,SW(D GK)2012-300	13-08-2012	Abdul Rehman		-	Health	Dispensary	No
45	Millat Development Council, Chah Tikkan Wala (New Model Town), D.G.Khan.	DO,SW(D GK)2004-212	29-06-2004.	Syed Fayyaz Haider Naqvi		0333-6484 813	Women Welfare, Child Welfare	Free Dispensary, Mother & Child Care Center.	No
46	Nai Umeed Development Organization, Chah	DO,SW(D GK)2006-239	13-09-2006.	Rehmat Ullah Raza		-	Drug Abuse	Nai Umeed Hospital for Drug Addicts	No

	Koray Wala, Mustafa Chowk, Multan Road, D.G.Khan								
47	Nai Zindagi Development Organization, Shalimar Town Near Akhtar Colony, D.G.Khan	DO,SW(D GK)2010-283	15-02-2010.	Khizer Hayat Sanghi		-	Women & Patient Welfare	Industrial Home	No
48	Organization for Sustainable Tribal Area Development (OSTAD), H#888, Fareed Abad Colony, D.G.Khan	DO,SW(D GK)2008-267	28-07-2008.	Khaleeq uz-Zaman		-	Health, Women Welfare	Awareness, Training	No
49	Pak Youth Welfare Foundation, Bay Pass Chowk, Multan Raod, D.G.Khan	DO,SW(D GK)2014-317	29-01-2014	Manzoor Ahmad			Women Welfare, Youth Welfare, Health and Education	Awareness on Human Rights	No
50	Pasban Taraqiati Tanzeem, Muhalla Nizam Abad, Block-57, D.G.Khan	DO,SW(D GK)2014-323	23-08-2014	Tayyaba Aziz Chohan		-	Women Welfare, Youth Welfare, Health and Education	School	No
51	Pukar Development Organization, Sial Mnzil, Block No. 33, D.G.Khan	DO,SW(D GK)2010-287	13-12-2010.	Muhammad Sulman Sial		-	Women & Patient Welfare	Industrial Home	No

52	Rohi Development Foundation (RDF), Commercial Area, Model Town, D.G.Kha	DO,SW(D GK)2009-270	02-01-2009.	Firoz Iqbal Malik		0301-5152300	Women Welfare	Skill Development	No
53	Sahara Development Organization, Al-Mumtaz, Fareed Abad Colony, Near Masjid Jahanian, D.G.Khan.	DO,SW(D GK)2006-233	01-08-2006.	Malik Jan-e-Alam		-	Youth Development	Free Tution Center	No
54	Saif Foundation, Commercial Area, Khayaban-e-Sarwar, D.G.Khan	DD,SW(D GK)97-173	30-04-1997.	Jamshaid Iqbal		0300-7513577	Health, Education	Community Development	No
55	Samaj Development Organization, Main Market, Model Town, D.G.Khan.	DO,SW(D GK)2009-275	16-07-2009.	Mian Sultan Mehmood		0336-6797777	Women Welfare	Community Development	No
56	Sapna Development Organization, Sher Garh P/O Shadan Lund	DO,SW(D GK)2012-303	4/12/2012	Sumaiya Nusrat		-	Women Development	Industrial Home	No
57	SEWA Development Organization, Suit#1 Markaz Al-Mawada, Shakir	DO,SW(D GK)2007-249	12/4/2007	Malik Riaz Ahmad		0333-6482181	Newly Regd	Free Dispensary	No

	Town, D.G.Khan								
58	Sooch Women Development Organization, House#635, Shah Sikandar Road, D.G.Khan	DO,SW(D GK)2011-294	26-08-2011	Fauzia Bari		0333-8570506	Women Welfare	Industrial Home	No
59	Tahafuz Development Organization, Ali Muhammad Wala, P.O. Box. NO. 22, D.G.Khan.	DO,SW(D GK)2005-219	03-10-2005.	Sibtul Hasnain Naqvi		0300-6692110	Women Welfare, Youth Welfare, Sanitation & Environment.	Women Development	No
60	Tanzeem Baray Insani Falah-wa-Elaqai Saholat, Al-Aen City, Near Pul Dat, D.G.Khan	DO,SW(D GK)2014-322	14-07-2014	Muhammad Iqbal Khan		-	Women Welfare, Youth Welfare, Health and Education	-	No
61	Tender Hearts Development Organization, House#13, Block-B, D.G.Khan	DO,SW(D GK)2007-243	11/1/2007	Kamran Saif Ullah		0333-8680700	Women & Patient Welfare	HIV/Aids Programme	No
62	Tribal Development Council(TD C), Basti Kharar Buzdar P/O Same,	DD,SW(D GK)02-202	04-04-2002.	Toor Khan Buzdar.		0321-3263251	Mother & Child Care Center, Primary Model School.	Community Development	No

	Tehsil Tribal Area.								
63	Tribal Welfare Organization, Model Town, D.G.Khan	DSW(Pb) 76-930	02-07-1976.	Abdul Ghafoor		-	Dispensary.	Industrial Home	No
64	Trust Builder, Secretary R.T.A. Office, D.G.Khan	DO,SW(D GK)2009-271	14-02-2009	Yasrab Hayat		-	Education, Transport, Environment	School	No
65	Tulip Development Organization, Block.No. 30, D.G.Khan.	DO,SW(D GK)2006-225	27-01 - 2006	Nazia Farooq		-	Women Welfare.	Free Dispensary.	No
66	Usar Development Organization, Block-V, D.G.Khan.	DO,SW(D GK)2006-229	7/4/2006	Malik Altaf Hussain		0333-6482513	Women Welfare. Child Welfare. Patient Welfare.	Education Development	No
67	Women Youth Development Organization, 44-A, Block-Q, D.G.Khan.	DO,SW(D GK)2006-231	12-05-2006.	Talat Hameed		-	Women Welfare	Industrial Home	No
68	Young Vioce Development Organization, House#165, Block-W, D.G.Khan.	DO,SW(D GK)2006-237	07-08-2006.	Amjad Ali Khan		-	Youth Development	Computer Skill Centre	No
69	Young Workers Development Organization, Block	DO,SW(D GK)2011-295	26-08-2011	Muhammad Shafiq			Women Welfare	Dispensary, Community Development	No

	No.2, D.G.Khan								
70	Youth Front Pakistan, Shakir Town, D.G.Khan.	DD,SW(D GK)95- 134	15-02- 1995.	Qazi Nadeem Ahmad.		0301- 7909 145	Women, Child & Youth Welfare, Patients Welfare	Jinnah Communi ty Hospital.	No
Tehsil Taunsa Sharif									
71	Al-Bint Welfare Society, Muhallah Nizamabad, W#2, Taunsa Sharif.	DDSW(D GK)94- 118	28-08- 1994.	Mrs. Fakhanda Yasmin.		064 - 2006 728	Women, Child & Youth Welfare, Patients Welfare	Misali Muslim Public School, Dispensa ry, Women Welfare Center	Yes
72	Al-Ghazi Developme nt Organizatio n, Muhallah Nizam Abad, College Road, Taunsa	DO,SW(D GK)2012- 299	19-07- 2012	Munir Ahmad		0321- 7982 477	Women & Child Welfare	Awarene s on Human Rights	No
73	Anjuman Falah-e- Mareezan, Rural Health Centre, Vehoa.	DD,SW(D GK)95- 136	20-02- 1995.	Shamas-ur- Rehman.		-	Patients Welfare	Free Dispensa ry. Blood Bank. Sports.	Yes
74	Anjuman Falah-e- Mareezan, T.H.Q.Hosp ital, C/O Jafar Electric Store, Taunsa Sharif.	DD,SW(D GK)84-1	15-05- 1984.	Prof. Muhammad Khan Malghani		-	Patients Welfare	Kachi Abadi Health Center. Hamdara d Clinical Lab. Free Eye and Medical Camps	Yes

75	Peace Development Organization: Taunsa Sharif	DD,SW(D GK)92-152	10-03-1996.	Abdul Raof Khan.		-	Women & Youth Welfare	Development & Environmental Programmes, Works.	Yes
76	Bright Future Development Organization, Muhalla Shumali, Ward No. 14, Taunsa Sharif	DO,SW(D GK)2008-266	16-07-2008.	Faqeer Muhammad Bhutta		-	Child Welfare.		Yes
77	Dehi Ijtamai Taraqati Council, Nutkani House, Mangrotha Road, Taunsa Sharif.	DSW(Pb) 76-932	03-07-1976.	Sohail Mehmood Khan.		-	Women & Youth Welfare	Industrial Home, Sports Club, Library	Yes
78	Dehi Taraqati Anjuman, Retra P/O Same, Teh: Taunsa.	DSW(Pb) 77-1107	29-11-1977.	Ghulam Rasool Jarwar		-	Women Welfare	Industrial Home, Sports Club, Library, Religious Center.	Yes
79	Dehi Taraqati Anjuman, Tibi Qaisrani, Teh: Taunsa.	DSW(Pb) 77-1062	29-10-1977.	Mureed Abbas		-	Women Welfare	Industrial Home, Sports Club, Library, Religious Center.	Yes
80	Habibani Welfare Organization, Mangrotha Ghrabi Tehsil Taunsa Sharif	DO,SW(D GK)2013-304	13-02-2013	Saleem Akbar		0300-7398129	Women Development	Women Resource Centre	No
81	Indus Development Organization	DSW(Pb) 81-1643	22-03-1981.	Malik Mumtaz Ahmad.		0333-8287070	-	Industrial Home.	No

	n, Nari Janoobi, Teh; Taunsa.								
82	Khair-ul-Bashar Development Organization, Kot Qaisrani, Tehsil Taunsa Sharif	DSW(Pb) 77-1061	29-10-1977.	Muhammad Hasnain		-	Women Welfare	Industrial Home, Sports Club, Religious Center.	Yes
83	Pak Awam Development Organization, Muhalla Shumali, Taunsa Sharif	DO,SW(D GK)2014-320	31-05-2014	Javaid Iqbal			Women Welfare, Youth Welfare, Health and Education	Women Development	Yes
84	Perfect Development Organization, Bohar, Office Perfect Public School, Taunsa Sharif.	DSW(Pb) 77-1060	29-10-1977.	Nisar Ali Khatak.		-	Women & Child Welfare	Industrial Home, Pefect Higher Sec. School	Yes
85	Public Welfare Organization, Basti Bughlani, Teh; Taunsa.	DD,SW(D GK)93-100	15-03-1993.	Atta Ullah Khan		-	Women & Child Welfare	Industrial Home, Religious Center.	No
86	Qabaili Welfare Society, Kohar Janobi P/O Kot Qaisrani.	DD,SW(D GK)86-14	27-01-1986.	Muhammad Hussain Khan.		-	Women & Child Welfare	Industrial Home, Religious Center.	No
87	Ruqaiya Khanum Welfare Society, Basti Kohar Janobi Tehsil	DO,SW(D GK)2013-316	4/12/2013	Ameer Shuja Haider			Women Welfare, Health and Education		Yes

	Taunsa Sharif								
88	Samaj Development Organization, Taunsa Sharif	DD,SW(D GK)93-108	15-08-1993.	Malik Farooq Ahmad		-	-		Yes
89	Social Development Organization, Muhalla Shumali Near Masjid Hanfia, Taunsa Sharif	DO,SW(D GK)2014-324	16-09-2014				Women Welfare, Youth Welfare, Health and Education		No
90	Tanzim Al-Falah, Mohalla Nizam Abad, College Road, W#2, Taunsa.	DD,SW(D GK)92-78	28-01-1992.	Munir Ahmad Khan.		0333 - 6024 699-	Women Welfare, Youth Welfare, Health and Education	Industrial Home, Non-Formal Literacy School, Al-Falah Dispensary, Computer Center.	Yes
91	Zahara Women Development Organization, Basti Kanjo Wali, Tehsil Taunsa Sharif	DO,SW(D GK)2004-213	02-08-2004.	Musarat Naz		0333-8593 514	Women Development Industrial Home		Yes
Tehsil Kot Chutta									
92	Al-Falah Development Organization, Kot Chutta.	DO,SW(D GK)2005-217	12-08 - 2005.	Rana Muhammad Arshad		-	Free Dispensary, Free Tution Center.		No
93	Anjuman Samaji Behbood, Paigah,	DSW(Pb) 76-973	04-07-1976.	Dr. Muhd Aslam.		-	Industrial Home, Health.		No

	Teh: D.G.Khan.								
94	Gul-e-Fatima Development Organization, Choti Zarain.	DSW(Pb) 76-967	04-07-1976.	Mrs.Mina Ihsan Lighari.		-	Health, Women Welfare		No
95	Idara Falah-e-Moashra, Mana Ahmadani, Tehsil D.G.Khan.	DSW(Pb) 70-15	21-10-1970.	Kaleem Ullah Ahmadani		0332-6192 939	Women Development		No
96	New Age Welfare Organization, Jhok Uttara, Tehsil Kot Chutta	DO,SW(D GK)2013-310	3/6/2013	Farhat Manzoor		0333-6204 545	Health and Education		No
97	Pak Development Organization, Paigah P/O Same, Teh: D.G.Khan.	DD,SW(D GK)95-144	11-12-1995.	Syed Kazim Hussain		-	Free Dispensary.		No
98	Phool Development Organization, Jakhar Imam Shah	DSW(Pb) 81-1570	12-02-1981.	Dr. Syed Akbar		-	Industrial Home, Library.		No
99	Rural Development Organization.Basti Wadani, Notak Mehmeed, Teh: D.G.Khan.	DD/SDO, SW(DGK) 02-197	12-03-2002.	Bahar Ahmad Khan.		-	Health, Education.		No
100	Rural Development Organization.Sadar House,Choti Zarain.	DD,SW(D GK)96-153	16-05-1996.	Begum Awais Khan Lighari.		-	-		No

101	Sawera Development Organization, Basti Talpur, Tehsil D.G.Khan	DD,SW(D GK)88-25	30-08-1988.	Sher Baz		-	Industrial Home.		No
102	Social Welfare Society, Chah Mehmood Wala P/O Choti Zareen, Kot Chutta	DO,SW(D GK)2013-307	29-05-2013	Muhammad Khamisa		-	Health Services, Education and Women Development		No
103	Umeed-e-Subho Local Support Organization, Notak Mehmeed	DDSW(D GK)89-29	31-12-1989.	Muhammad Shafi Bhuta.		-	Rural Development		No
104	Warda Zainab Welfare Foundation, Basti Malana, Teh. Kot Chutta	DO,SW(D GK)2014-327	8/12/2014				Newly Regd		No
105	Zindgi Development Organization, Jakhar Imam Shah, D.G.Khan	DO,SW(D GK)2007-252	24-10-2007	Muhammad Sonhara		-	Women, Youth Development	Dispensary, Community Development	No

CONTACT LIST OF MAIN STAKEHOLDERS / DEPARTMENTS

No.	Name	Designation	Office Contact	Mobile No.
1	Ahmed Ali Kamboh	Commissioner DG Khan	0649260467	03410922058
2	Ibrahim Junaid	Deputy Commissioner	0649260340	0304090090
3	Ahmed Nawaz Cheema	District Police Officer	0649260100,101	03214082540
4	Dr. Natiq Hayat Ghilzai	DEO (1122), Secretary DEB	0642430383	03336475473
5	Iqbal Mazhar	ADC (R)	0649260334	03028468688
6	Ghulam Yasin	ADC (G)	0649260347	03336430763
7	Ghulam Yasin	ADC (Finance)	0649260327	03336430763
8	Umair Sadaqat	XEN Irrigation (Canal)	0649260249	03002920290
9	Sharif Shah	XEN Irrigation (Construction)	0649260257	03006485077
10	Irrigation Flood Emergency Cell		0649260251	03037713303
11	Riaz ur Rehman	Director Information	9260363-64	03334969298
12	Kalil ur Rehman	CEO (Health)	0649260218	03336464101
13	Sana Ullah	CEO (Education)	0649260044	033357878930
14	Khalid Kareem	Do (Civil Defense)	0649260162	03336431947
15	Shehbaz Bukhari	Coordinator (PDMA)	0649260337	03336001454
16	Riaz Anwar	DSP (Traffic)	0649260484	03336465664
17	Tauseef Tahir	Assistant Director (Lives Stock)	0649260168	03007613304
18	Shahid Abbas Kathia	AC (DGK)	0649260496	03341818112
19	Abdul Jabbar	AC (Kot Chutta)	0642843498	03334324436

20	Ishfaq Sial	AC (Taunsa)	0642602215	03004896192
21	Farmaish Ali	CO (Zilla Council)	0649260177	03222008085
22	M. Amjad Hussain (AD)	CO (Municipal Corporation)	0649260553	03331782782
23	Tahir Kaleem Ansari	CO Municipal Committee (Kot Chutta)	Nil	03336464504
24	Zaka ul Din	DO (Social Welfare)	0649260557	03336185774
25	Representative Pak Army.	0642460020	Representative Pak Army.	0642460020

ANNEX VIII: LIST OF VOLUNTEERS



PDMA- COMMUNITY EMERGENCY RESPONSE TEAMS

District: Dera Ghazi Khan

Sr.#	Name of Rescue Mohafiz	Father's Name	DOB	Present Address	CNIC	Cell no.	Highest Qualification	Domicile	Emergency Contact #
1	Sajjad Hussain	Mukhtiar Hussain	1/11/1958	Govt. College of Commerce, DGK	32102-5295410-1	0333-6462274	Master	DGK	0334-1730706
2	Irfana Jamal	Jamal ud Din	21-3-1991	House # 109, Block # 36, D.G.Khan	32102-5854820-4	0334-1730706	M.Com	DGK	0333-6462274
3	M. Talha Arslan	M. Iqbal Khan	15-2-1994	355 Kolachi House, Block # 17, DGKhan	32102-8282377-3	0333-7291502	M. Phil	DGK	0301-5119681
4	Mujahid Rauf	Abdul Rauf	8/5/1993	House # 02, Street # D, Block # X, Model Town, DGK	32102-5459839-7	0332-6042446	M. Phil	DGK	0334-6131104
5	Farrah Nayab	M. Nisar Jahangir	29-3-1991	House # 40, Block O, DGK	34101-9992541-4	0342-7144493	M. Phil	DGK	0336-1647980
6	Fatima Akhtar	M. Akhtar	1/7/1998	Basti Lohar Wala, Shumali Chak#1, Paigah DGK	32102-9965903-4	0336-7903754	Graduation	DGK	0333-6462274
7	Adeel Shehzad	Sana ur Rehman	15-8-1998	House # 878, Street # 06, Shakir Town, DGK	32102-9645704-9	0333-0137137	DAE	DGK	0335-6659811
8	M. Amjad	M. Bakhsh	14-5-1991	Mehmood Abad Colony, Gaddai Gharbi, DGK	32102-4144475-7	0332-4545959	DAE	DGK	0314-6657200
9	Ahmad Ali	Liaqat Ali	22-7-1987	Block # 8, Sh	32102-0507072-7	0314-6657200	DAE	DGK	0332-4545959
10	Malik Irfan	Malik Ramzan	11/11/1982	Regional Scouts Headquarter, near Girls Commerce College, DGK	32102-6223256-1	0335-6659811	Intermediate	DGK	0333-6462274
11	Qurat-ul-Ain	M. Khan	20-4-1992	Fareed Abad Colony, Block 18, DGK	32103-5851208-2	0333-1734499	BBA (Hons)	DGK	0333-3565734
12	M. Aslam	Ghulam Hassan	11/2/1992	Gulshan Abad Colony near Pull Dot. DGKhan	32102-2690102-5	0333-8586703	M.Com	DGK	0348-7710727
13	Mujahid Hussain	Abdul Majeed	15-6-1996	Chah Malkani wala, Tehsil Jampur, Dist. Rajanpur	32402-0184081-5	0348-7710727	M.Com	Rajanpur	0334-0076068

14	Awais Mushtaq	Mushtaq Ahmad	15-1-1995	Mohalla Saddat, District Rajanpur	32403-2432728-9	0302-3759217	M.Com	Rajanpur	0300-6775621
15	Naqi Haider	Sajjad Hussain	7/4/1995	Al-Haider House, Jiddah Town, Shah Sikandar Road, DGK	32102-6578801-1	0333-3003714	M.Com	DGK	0333-3042676
16	Jalil Ahmad	Ahmad Bakhsh	3/4/1995	Street #1, Railway Colony, DGK	32102-0267726-9	0333-3570992	M.Com	DGK	0335-2402367
17	Rabia Abbas	Ghulam Abbas	14-08-1994	AIHAMD Textile Mills, Jampur Road, Paigah DGK	32102-7794479-2	0333-1704256	M.Com	DGK	3333788484
18	Aroosa Kanwal	Maqbool Ahmad	8/6/1992	House # 100, Block # 01, DGK	32102-9357009-2	0336-6342800	M.Com	DGK	0334-0076068
19	Mamoona Sajjad	Sajjad Hussain	14-8-1995	Street # 2, Shakir Town, DGK	32102-1028912-3	0336-6342800	M.Com	DGK	0333-8557090
20	Hira Abdul Wahid	Abdul Wahid	5/4/1996	House # 80, Block # 16, DGK	32102-0308090-2	0307-6463003	M.Com	DGK	0307-6463003

21	Zahra Rasool	Ghulam Shabir	28-10-1989	House # 307, Block # 07, DGK	32102-4924872-0	0307-6463003	M.Com	DGK	0307-6463003
22	Anam Batool	Hameed Asghar	11/1/1992	House # 423, Block 52, Shahzada Sultan Town, DGK	32102-9626320-8	0332-7783689	M.Com	DGK	0333-2775031
23	Wasia Akhtar	M. Akhtar	2/12/1999	Lohar Wala, DGK	32102-0210210-6	0336-7903754	Intermediate	DGK	0331-7598264
24	Mam Mahrukh	Jan Muhammad	13-8-1992	House # 01, St. # 02, Block Z, Model Town, DGK	36302-6369724-4	0336-6421004	MSC Statistics	Multan	0333-6462274
25	Mam Fasiha Majeed	Abdul Majeed	4/4/1995	House #12, Block B, Gulshan-e-Ejaz Colony, DGK	32103-3918221-8	0333-3565734	MA English	DGK	0334-8538356
26	Sunbul Abass	Ghulam Abbas	14-6-1995	AIHAMD Textile Mills, Jampur Road, Paigah DGK	32102-1731730-8	0333-3788484	B.SC.	DGK	0336-6421004

ANNEX IX: POLITICAL CONSTITUENCIES

National Constituencies			Provincial Constituencies		
Name of constituency	Name of Sitting Portfolio Parliamentarian	Portfolio Contact Number	Name of constituency	Name of Sitting Portfolio Parliamentarian	Portfolio Contact Number
PP-240	Mumtaz Ahmad Bhutto	03457575700	171	Sardar Muhamamd Amjad Farooq Khan	0300-4545555
PP-241	Khawaja Muhammad Nazim Ul Mahmood	03008632787	172	Dr. Hafiz Abdul Kareem Khan	0321-6785555
PP-242	Sardar Javed Akhter	03343264444	173	Sardar Awais Khan Leghari	0333-5221111
PP-243	Ahmed Ali Dreshak	03337867777			
PP-244	Abdul Aleem Shah	03336461010			
PP-245	Jamal Khan Leghari	03338555555			
pp-246	Mehmood Qadir	03336789104			

ANNEX X: LOCAL GOVERNMENT

District and Tehsil Level

UC Level

District	Tehsil	UC / Ward No.	Chairman / Vice Chairman		
			Name	Party	Votes
Tehsil Taunsa					
D.G.Khan	Taunsa	Kotani-1	Stay by the Lahore High Court Multan Bench Multan vide W/P No.18620-15 dated 18.12.15. The Next hearing will be on 14.01.2018.		
D.G.Khan	Taunsa	Lakhani-2	MUHAMMAD TAHIR QAISRANI / Mola Dad	Ind	4418
D.G.Khan	Taunsa	Trimin-3	SARDAR IJAZ UR REHMAN / Muhammad Ramzan	Ind	2625
D.G.Khan	Taunsa	Kalu Wala-4	Saeed Ullah Gaddi / Aman Ullah Lashari	Ind	
D.G.Khan	Taunsa	Nutkani-5	SARDAR NAZAR HUSSAIN KULACHI / Sher Naeem Ullah	PML (N)	2795
D.G.Khan	Taunsa	Panjgrain-6	SYED SHAMS UL HASNAIN KAZMI / Muhammad Ashraf	Ind	2328
D.G.Khan	Taunsa	Babbi-7	SARDAR JAVED IQBA KHAN QAISRANI / Mohsin Khan	PML (N)	2234
D.G.Khan	Taunsa	Morejhanghi-8	ABDUL HAFEEZ KHAN/ Bashir Hussain	PML (N)	3006
D.G.Khan	Taunsa	Tibbi Qaisrani-9	MUHAMMAD ANWAR MALKANI / Aurang Zaib Khan	Ind	3231

D.G.Khan	Taunsa	Nari Janubi-10	TAYYAB HUSSAIN / Mushtaq Hussain	PML (N)	4440
D.G.Khan	Taunsa	Downa-11	MALIK MANSOOR AHAMD / Malik Ghulam Raza	PML (N)	3497
D.G.Khan	Taunsa	Bindi-12	ALLAH DIWAYA SAKHANI / Zubair Ahmed	PML (N)	2996
D.G.Khan	Taunsa	Makwal Kalan-13	SAAD ULLH KHAN / Aziz Ahmed	PTI	1850
D.G.Khan	Taunsa	Chulani-14	SYED MAQBOL HUSSAIN GILANI / Muhammad Sadiq	PML (N)	2763
D.G.Khan	Taunsa	Pridan Sharqi-15	SHAHZAD AHMAD KHOSA / Muhammad Rafique	PTI	1600
D.G.Khan	Taunsa	Bohar-16	IMRAN AZAM MALGHANI / Muhammad Khan	PML (N)	2631
D.G.Khan	Taunsa	Sokar-17	SARDAR MUHAMMAD AZAM KHAN MALGHANI Malik Abdul Ghafoor	PML (N)	3668
D.G.Khan	Taunsa	Basti Buzdar-18	SALAH UD-DEEN / Lakhi Muhammad	PML (N)	1818
D.G.Khan	Taunsa	Mangrotha-19	ZAIGHAM ALI / Abdul Ghafoor	PTI	3406
D.G.Khan	Taunsa	Kot Qaisrani-20	AMAN ULLAH AKHTAR/ Rasheed Ahmed	JUI (F)	3818

D.G.Khan	Taunsa	Jhoke Bodo-21	Haji Abdul Lateef / Ghulam Asghar	PML (N)	2604
D.G.Khan	Taunsa	Litra-22	Abdul Ghafoor Kulachi / Hafiz Abdul Ghafoor	Ind	2540
D.G.Khan	Taunsa	Vehoa Chak Janubi-23	MUHAMMAD MEHBOOB ALAM / Fakhar Islam Khan	Ind	1625
D.G.Khan	Taunsa	Vehoa Chak Shumali-24	SARDAR MAZHAR IQBAL KHAN / Muhammad Abdullah Khan	PML (N)	2505

TEHSIL DG KHAN

D.G.Khan	D.G.Khan	Ahmedani-25	SARDAR REHAN KHAN LOUND / Ghulam Mustafa	PML (N)	2800
D.G.Khan	D.G.Khan	Shadan Lound Chak Dnada-26	KHALID ISMAIL LOUND / Ghulam Muhammad	PML (N)	2447
D.G.Khan	D.G.Khan	Basti Ranjha-27	SARDAR MUHAMMAD NAWAZ / Muhammad Naeem	PML (N)	2360
D.G.Khan	D.G.Khan	Kala-28	IMAM BAKHSH KHAN / Khursheed Ahmed Khan	PTI	1584
D.G.Khan	D.G.Khan	Chak Ramin-29	BASHIR AHMED HOTWANI / Jaffar Hussain	IND	3342
D.G.Khan	D.G.Khan	Gajani-30	AMAN ATTA / Hafiz Zaka Ullah	IND	3093
D.G.Khan	D.G.Khan	S.S.Din-31	ABDUL QADIR KHAN HOSA / Mushtaq Ahmed	IND	2743

D.G.Khan	D.G.Khan	Marhatta-32	MUHAMMAD ASGHAR KHOSA / Muneer Ahmed Sikhani	PTI	1309
D.G.Khan	D.G.Khan	Pakki-33	MUHAMMAD SHAREEF ASHRAF KHOSA / Muzammil Siddiqui	IND	2026
D.G.Khan	D.G.Khan	Peer Adil-34	SYED NADIR IMAM KAZMI / Talib Hussain	IND	2282
D.G.Khan	D.G.Khan	Bahadur Garh-35	SHUMAIL HAIDER KHOSA / Gharib Nawaz Lashari	PML (N)	3005
D.G.Khan	D.G.Khan	Satai-36	MUHAMMAD AYOUB/ Faqeer Muhammad	PML (N)	1560
D.G.Khan	D.G.Khan	Kot Mubarak-37	ASIF SAEED KHAN / Shahid Hussain	PML (N)	3037
D.G.Khan	D.G.Khan	Dhao-38	SALAH UD-DIN KHOSA/ Ghulam Shabbir	IND	2792
D.G.Khan	D.G.Khan	Yaroo-39	MUHAMMAD KHAN KHOSA / Sultan Ahmed	PML (N)	2790
D.G.Khan	D.G.Khan	Chabri Zerir-40	SARDAR MUHAMMAD SIAF UD- DIN KHAN KHOSA / Muhammad Rafique	PTI	3247
D.G.Khan	D.G.Khan	Ladan-41	MUREED HUSSAIN BALOCH / Abdul Hameed Pittafi	IND	2192
D.G.Khan	D.G.Khan	Chak Nao Abad-42	SARDAR SHAHBAZ ALI KHOSA / Muhammad Musa Khalol	PML (N)	2813
D.G.Khan	D.G.Khan	Chabri Bala-43	FAHEEM ULLAH / Kaloo Khan Gajwani	PML (N)	3372
D.G.Khan	D.G.Khan	Wadoor-44	MUHAMMAD TARIQ/ Bilal Ahmed	IND	1259

D.G.Khan	D.G.Khan	Baila-45	KAURA KHAN RUSTMANI / Muhammad Haneef Khosa	PML (N)	3466
D.G.Khan	D.G.Khan	Gadai Gharbi-46	MUHAMMAD BAKHSH KHAN HOTANI / Muhammad Fayyaz Laghar	PML (N)	2063
D.G.Khan	D.G.Khan	Dagar Chit-47	JAN MUHAMMAD KHOSA / Gul Muhammad Khan	IND	1240
D.G.Khan	D.G.Khan	Basti Khosa-48	MULAZIM HUSSAIN / Fazal Hussain	PML (N)	1386
D.G.Khan	D.G.Khan	Tibbi Kharak-49	ABDUL KAREEM / Malik Wasaya Khan	PML (N)	1688
D.G.Khan	D.G.Khan	Churratta Kot Haibat-50	MUHAMMAD NAWAZ KHAN / Manzoor Hussain Khan	IND	1169
D.G.Khan	D.G.Khan	Drahma-51	SYED SARDAR AHMED/ Rab Nawaz Shehani	PML (N)	3307
D.G.Khan	D.G.Khan	Haji Ghazi-52	HAJI BILAL KHAN SIKHANI / Muhammad Akram	PTI	2295
D.G.Khan	D.G.Khan	Samina-53	MIAN GHULAM MUSTAFA QURESHI / Shoukat Aleem Shahbaz	PML (N)	2077
D.G.Khan	D.G.Khan	Sabra Nachan-54	MALIK GHULAM MUSTAFA / Malik Kashif Ali	PML (N)	3069
D.G.Khan	D.G.Khan	Khakhi-55	RAO MUSHTAQ AHMED/ Muhammad Asif Arain	PML (N)	2925
D.G.Khan	D.G.Khan	Gadai Sharqi-56	ALLAH DITTA LEGHARI Naeem Ullah Sohrani	PML (N)	1750
D.G.Khan	D.G.Khan	Paigah Chak No.3- 57	MALIK GHULAM MUSTAFA KHANDOWA/ Abdul Hameed Changwani	PML (N)	2066

D.G.Khan	D.G.Khan	Paigah Chak No.2-58	MALIK NAZAR HUSSAIN KHANDOWA / Kaleem Ullah	PML (N)	2531
D.G.Khan	D.G.Khan	Mamoori-59	IMRAN ASGHAR KHOSA / Mian Muhammad Hayat Bodla	IND	2676
TEHSIL KOT CHUTTA					
D.G.Khan	Kot Chutta	Aali Wala-60	Bashir Ahmad Alyani / Ghulam Murtaza Mirani	Ind	2633
D.G.Khan	Kot Chutta	Haider Qureshi-61	Muhammad Khalil Ahmad/ Shahid Hussain	PML (N)	2671
D.G.Khan	Kot Chutta	Ghous Abad-62	Muhammad Waseem Akbar / Dilbar Hussain	Ind	2209
D.G.Khan	Kot Chutta	Hazara-63	Shoukat Farooq Jatoi / Muhammad Zeeshan	PML (N)	2126
D.G.Khan	Kot Chutta	Jhoke Utra-64	Mian Zafar Hayat Daha / Rana Asif Majeed	PML (N)	2753
D.G.Khan	Kot Chutta	Kotla Ahmed Khan-65	Sirdar Ishfaq Ahmad Khan Leghari / Malik Saif Ullah Khan	PTI	2225
D.G.Khan	Kot Chutta	Haji Kamand-66	Muhammad Saeed Khan/ Ghulam Qasim Khan	PML (N)	1946
D.G.Khan	Kot Chutta	Bate Bait Wala-67	Malik Muhammad Usman Asim / Muhammad Nawaz	Ind	2764
D.G.Khan	Kot Chutta	Jhakar Imam Shah-68	Muhammad Ibrahim Shah/ Malik Muhammad Hussain	PML (N)	2199
D.G.Khan	Kot Chutta	Basti Malana-69	Malik Ashiq Hussain Malana / Mahr Shoukat Hussain Cheena	PML (N)	2413

D.G.Khan	Kot Chutta	Basti Jam-70	Bilal Hussain / Mulazim Hussain	PML (N)	2768
D.G.Khan	Kot Chutta	Jalbani-71	Abdul Hameed Khan Jalbani / Muhammad Saeed	PML (N)	2553
D.G.Khan	Kot Chutta	Notak Mehmeed- 72	Raza Muhammad / Aman Ullah	PML (N)	1975
D.G.Khan	Kot Chutta	Aara Jaffar-73	Javed Akhtar Khan / Abdul Majeed	PML (N)	2332
D.G.Khan	Kot Chutta	Mana Ahmedani- 74	Ghulam Fareed / Riaz Ahmed	PML (N)	2172
D.G.Khan	Kot Chutta	Basti Fauja-75	Mian Muhammad Iqbal / Kamel Khan	Ind	2418
D.G.Khan	Kot Chutta	Khanpur Janubi- 76	Hafeez Ullah Khan Khosa/ Haji Naseer Ahmed Lound	Ind	2048
D.G.Khan	Kot Chutta	Murafariq Chohan-77	Muhammad Ahmad Khan Leghari / Muhammad Ali Pitafi	Ind	2321
D.G.Khan	Kot Chutta	Thatha Gabolan- 78	Sobedar Khan Birmani / Qalandar Hussain Birmani	Ind	2303
D.G.Khan	Kot Chutta	Choti Zerine-79	Hussain Ahmad Khan Leghari / Sajid Hussain Khan	Ind	1925
D.G.Khan	Kot Chutta	Nawan Janubi-80	Jam Ayub Khan Kachila/ Ghulam Farid Hajana	Ind	2798
D.G.Khan	Kot Chutta	Darkhast Jamal Khan Janubi-81	Ijaz Ahmad Khan Ahmdani / Muhammad Ismail Sirajani	Ind	2894
D.G.Khan	Kot Chutta	Darkhast Jamal Khan Darmiani-82	Imitiaz Ahmad Khan Ahmdani / Ghulam Sabir Khan Buzdar	Ind	2246

D.G.Khan	Kot Chutta	Darkhast Jamal Khan Gharbi-83	Muhammad Afzal Khan/ Mukhtiar Hussain	Ind	2292
D.G.Khan	Kot Chutta	Bakhar Wah-84	Haji Muhammad Jogiani/ Muhammad Nasrullah Kalairi	Ind	2652
D.G.Khan	Kot Chutta	Choti Bala-85	Ghulam Yasin Khan Bughlani / Aziz Ahmed Khan	Ind	2310
D.G.Khan	Kot Chutta	Chak Dodara-86	Ghulam Akbar / Muhammad Akhtar	Ind	2618
D.G.Khan	Kot Chutta	Nawan Shumali-87	Sher Muhammad / Riaz Hussain	Ind	1831
D.G.Khan	Kot Chutta	Sakhi Sarwar Sharqi-88	Muhammad Irshad Hussain / Faiz Muhammad Kala	Ind	2925
D.G.Khan	Kot Chutta	Sakhi Sarwar Gharbi-89	Ghulam Yasin Khan / Sheikh Allah Wasaya	Ind	2818

DE-EXCLUDED AREA

D.G.Khan	De-Excluded Area	Mithwan-90	Shahid Ahmed / Muhammad Aslam	PML (N)	1626
D.G.Khan	De-Excluded Area	Bairoot Mundwani-91	Doctor Gul Muhammad / Naurang Khan	PML (N)	1445
D.G.Khan	De-Excluded Area	Fazla Katch-92	Muhammad Aslam / Muhammad Nawaz	Ind	2018
D.G.Khan	De-Excluded Area	Barthi-93	Ahmed Farooq Buzdar / Atta Ullah Khan	Ind	2993
D.G.Khan	De-Excluded Area	Theekar-94	Muhammad Hayyat Buzdar / Muhammad Azam	Ind	2556
D.G.Khan	De-Excluded Area	Mubarki-95	Muhammad Jaffer Buzdar / Taj Muhammad Buzdar	Ind	2431

D.G.Khan	De-Excluded Area	Tuman Khosa-96	Khuda Bukhsh / Muhammad Sharif	PML (N)	1996
D.G.Khan	De-Excluded Area	Tuman Leghari Zareen-97	Muhammad Azam / Gul Hassan Khan	Ind	3571
D.G.Khan	De-Excluded Area	Tuman Leghari Bala-98	Muhammad Iqbal / Abdul Rehman	Ind	3750

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

Following relief camp will be established:-

TEHSIL DERA GHAZI KHAN		TEHSIL TAUNSA	
Sr. No	Name of School	Sr. No	Name of School
1	Govt Boys H/S No.2, D.G.Khan	1	Govt Boys H/S Sanjar Saidan
2	Govt Comp. H/S, D.G.Khan	2	Govt Boys H/S Bohar
3	Govt Boys H/S Sarwar Wali	3	Govt Boys H/S Makwal Kalan
4	Govt Boys H./SS Shah Sadar Din	4	Govt Boys H/S Taunsa
5	Govt Boys H/S Pir Adil Jadeed	5	Govt Boys H/S Hairo
6	Govt Boys H/S Kala	6	Govt Boys H/S Retra
7	Govt Boys H/SS Shahdan Lund	7	Govt Boys H/S Dona
8	Govt Girls H/S No. 1, DGKhan	8	Govt Boys H/S Tibba Imam
9	Govt Girls H/S Central Model	9	Govt Boys H/SS Tibbi Qaisrani
10	Govt Girls H/S Shahdan Lund	10	Govt Girls H/S Tibbi Qaisrani
11	Govt Boys H/S, Samina	11	Govt Girls H/SS Taunsa
12	Govt Girls H/S, Sarwar Wali	12	Govt Grils H/S Hairo Sherqi
13	1. Govt Boys H/S No.1, D.G.Khan 2. GGHS Paigan, 3. GBMS paigan 2, 3 4. GGPS basti billar, 5. GBPS ladan, 6. GBPS Marhatta,	13	Govt Girls H/S Nutkani
		14	Govt Boys H/S Triman
		15	Govt Boys H/S Churkin
TEHSIL KOT CHUTTA			

Sr. No	Name of School		
		16	Govt Girls H/S Makwal Kalan
1	Govt Boys H/SS Mana Ahmdani	17	Govt Girls H/S Dona
2	Govt Girls H/SS Mana Ahmdani	18	Govt Boys H/S More Jhangi
3	Govt Boys H/SS Kot Chutta	19	Govt Boys H/S Notkani
4	Govt Boys H./SS Jhok Utra	20	Govt Boys H/S Bhambhan
5	Govt Boys H/S Sheroo	21	Govt Girsl H/S Dair Shah
6	Govt Boys H/S Ghousabad		
7	Govt Girls H/S Aali Wala		

ANNEX XIII: FLOOD BUNDS

INFORMATION REGARDING FLOOD BUND CATEGORY A

SR:#	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
<u>SARGODHA ZONE</u>			
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
<u>PMO BARRAGES</u>			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
	Total in feet.		25,080
	Total in Miles.		4.75
<u>FAISALABAD DIVISION</u>			
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
<u>BAHAWALPUR ZONE</u>			
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.)
<u>SARGODHA ZONE</u>			
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
<u>FAISALABAD ZONE</u>			
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
<u>BAHAWALPUR ZONE</u>			

1	Punjad Headworks Division	-do-	90,000
2	Khanpur Canal Division	-do-	100,000
3	Bahawalpur Canal Division	-do-	50,000
4	Rahimyar Canal Division	-do-	50,000
Total in feet.			290,000
Total in miles			54.92

MULTAN ZONE

1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000
3	Shujabad Canal Division	-do-	60,000
Total in feet.			190,000
Total in miles			35.98

D.G.KHAN ZONE

1	Taunsa Barrage	-do-	80,000
2	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

LBDC (IP)

1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000
Total in feet.			100,000
Total in miles			18.94

LAHORE ZONE

1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
Total in feet.			422,000
Total in miles			79.92
PMO BARRAGES			
1	Jinnah Barrage	-do-	20,000
Total in feet.			20,000
Total in miles			3.79
Grand Total (in miles)			350.76

ANNEX XIV: RIVER DISCHARGE RATES

River	Gauge Site	Designed Capacity (lac Cs)	Flood Limits in Lac Cs.				Exp. High
			Low	Med:	High	Very High	
INDUS	Kalabagh	9.5	2.5	3.75	5	6.5	8
	Chashma	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
	Mangla	10.6	0.75	1.1	1.5	2.25	3
	Rasul	8.5	0.75	1.1	1.5	2.25	3
CHENAB	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 Shahdara	4	0.4	0.65	0.9	1.35	1.8
		2.5	0.4	0.65	0.9	1.35	1.8
	Balloki Sidhnai	2.25	0.4	0.65	0.9	1.35	1.8
		1.5	0.3	0.45	0.6	0.9	1.3
SUTLEJ	G.S.Wala	10 ft.	19.5	21.5	23.3	25.3	
	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
	Islam	3	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4	0.75	1.1	1.5	2.25	3

ANNEX XV: LIST OF BASIC TERMS

Acceptable risk

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

Biological hazard

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

Capacity

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

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

Capacity building

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

Climate change

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

Coping capacity

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

Disaster

A serious disruption of the functioning of a community or society causing widespread human, material, economic or environmental losses which exceed the ability of the affected community or society to cope using its own resources. It

results from the combination of hazards, conditions of vulnerability and insufficient capacity to reduce the potential negative consequences of risk.

Disaster risk management (DRM)

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

Disaster risk reduction/disaster reduction

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

Early warning

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

Emergency management

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

Forecast

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

Geological hazard

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

May Allah protect us and bless us. Ameen.

THANKS