



No. // -FRC/ADC(R)/SWL

**OFFICE OF THE
DEPUTY COMMISSIONER /
CHAIRMAN DDMA, SAHIWAL
SAHIWAL**

Dated: 18-03-2022.

To

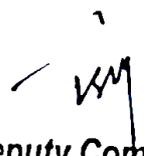
The Director (General)
Govt. of the Punjab,
Provincial Disaster Management Authority,
Lahore.

Subject: - **DISTRICT DISASTER MANAGEMENT PLAN-2022.**

Please refer to your office letter No. 786-2022/247/Tech dated 10.03.2022, on the subject

cited above.

2. The District Disaster Manager Plan for the year 2022 is sent herewith for information and necessary action please.


**Addl: Deputy Commissioner (Rev.)
Sahiwal**

CC:

1. The Deputy Commissioner, Sahiwal.
2. The Assistant Commissioner (Revenue), Sahiwal Division, Sahiwal.

DISTRICT DISASTER MANAGEMENT PLAN DISTRICT SAHIWAL 2022



Prepared by:

Additional Deputy Commissioner (Revenue) Sahiwal

Approved by:

Deputy Commissioner, Sahiwal

PREFACE

The Flood Fighting/Relief Plan has been prepared keeping in view the past history of floods / rains in this district. Moreover, the discharge of water from the River Ravi has also been given prime consideration while preparing this plan. As the flow of water in the river keeps on changing in terms of their courses and ferocity, therefore, this plan has also been revised accordingly. The relief measures have been included in line with the latest instructions and guidelines received from the Provincial Disaster Management Authority / Relief & Crisis Management Department, Board of Revenue, Punjab. I have the firm belief that the plan in hand would prove to be a useful and important document for the functionaries of the District Administration Sahiwal especially, those deployed for flood emergency duties, because, it covers almost each and every detail / aspect of Rescue / Relief operation with regard to pre and post flood arrangements.

May Allah, the Almighty give us courage and firmness to combat with any sort of situation arising out of flood emergency with perseverance and also enable us to put sincere and strenuous efforts to mitigate the sufferings of the affected people in case of flood, or any kind of other calamity or natural disaster. Ameen!

Muhammad Awais Malik

Deputy Commissioner Sahiwal

TABLE OF CONTENT

Preface	IV
Introduction	1
District Profile	3
Livestock Institutions	5
General Information	1
BRIEF HISTORY OF PAST FLOOD EVENTS	3
Breaching Sections	7
Coordination Mechanism.....	9
Disaster Emergency Control Room	18
Mitigation Strategy of departments	25
Health Department.....	31
Revenue Department (sahiwal).....	50
Revenue Department (Chichawatni).....	51
Agriculture Department	52
Civil Defence Department	54
Food Department	55
District Concil Sahiwal	56
Emergency Office (Rescue 1122).....	57
Social Welfare & Bait ul Maal Department.....	63
education Department	64
Irrigation Department	65
Livestock Department.....	71
main stakeholders/ departments.....	72
Educational Institutes.....	74
Political Constituencies	75
Annexes	76
Annex XII: Camp Management SOPS	79
Annex XIII: Flood Bunds	80
Information Regarding Flood Bund Category A	80
Information Regarding Flood Bund Category B	82
Annex XIV: River Discharge Rates.....	84
Annex XV: List of Basic Terms	85

INTRODUCTION

1. Sahiwal Canal Division is situated in District Sahiwal at 32.7 in north and 72.22 in east direction which is bounded with river Ravi on North and in South old river of Sukh Beas.

XX

Estimated number of people at risk of **hill torrent** in 2020



Risk: High

XX

Estimated number of people at risk of Hill Torrent in 2020



Risk: Medium

XX

Estimated number of people at risk of earthquake in 2020



Risk: Low

XX

Estimated number of people at risk of epidemic in 2020



Risk: Medium

In east side Okara Canal Division, District Okara and in west in Khanewal Division Khanewal District Khanewal.

2.Sahiwal Canal Division comprises of three Canal Sub Divisions namely Sahiwal, Ganjibar and Chichawatni Sub Divisions. Headquarter of Sahiwal Sub Division is at Sahiwal while the other Sub Divisions are located in Naiwala and Chichawatni respectively. Executive Engineer Sahiwal Canal Division Sahiwal is overall incharge of the Division. The jurisdiction of Sahiwal Canal Division starts from RD 255+000 Main Line LBDC and extends upto RD 527+000 with its off-taking distributaries and minors. Length of the channels is 543.12 miles which irrigates 6.541 acres area of Sahiwal Canal Division. The area falling in the jurisdiction of Sahiwal Canal Division is spread over in five Districts as under: -

Name of District	G.C.A (Acres) General Crop Area	C.C.A (Acres)	
		Cultivated Area	Crop
Sahiwal	773037.0	649412.0	
Khanewal	3995.0	3995.0	
Okara	513.0	513.0	
Pakpattan	470.0	470.0	
Faisalabad	18.0	18.0	
Total	778033.0	654408.0	

- The Major portion of irrigated area falls in District Sahiwal. Major Crops in the command area are wheat, Sugarcane, Maize and Potato etc.
- The River Ravi reach in Sahiwal Canal Division from Mari Pattan Bridge to Chichawatni Bridge. There exist 5 No. Spurs to protect Fertile land and adjoining abadies along left bank of river. Sub Divisional Officer Sahiwal and Ganjibar Circle are responsible for safety of these components, through proper watch and ward and Flood fighting arrangements.

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	2,517,560
2	No. of Tehsils	2
3	No. of UCs	89
4	No. of Revenue Estates	531
5	Population Density (people per km ²)	649
6	Family Size	6
7	Pop Growth Rate	2.22%
8	PCI	1.18%
9	District GDP/Annual Income	14.6 million
10	Poverty Rate	48%
11	Patient/Doctor Ratio	50/38.7%
12	AMR	
13	IMR	32/1000
14	MMR	164/100,000
15	Literacy Rate	68%
16	Global Acute Malnutrition (GAM) rate	23.2%
17	Severe Acute Malnutrition (SAM) rate	26.3%
18	Percentage of population having access to clean drinking water	70.5%
19	Annual Crime	22.4%

POPULATION

Total	Male (Above 18)	Female (Above 18)			
2,517,560	1,281,072	1,236,369			

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks& Morter)
14440	4221	10219

Source/Note: Sahiwal 3,94,887 + Chichawatni: 3,94,969

AREA (IN ACRES)

Total Area of District in Km ²	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
3201	1,30,530 Acres	6,59,335 Acres	

NOTE: These figures are according to sences of year 2017.

LITERACY RATE

Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
54%	33.8%	20.9%	30.2%	19.3%	64%	40.2%

Source/Note: Click here to enter text.

GOVERNMENT SCHOOLS

PRIVATE SCHOOLS

		Number of Functional Schools	Enrollment Rate			Number of Functional Schools	Enrollment Rate
Total/ Overall		1207	290567	Total/ Overall		744	176557
Boys	Primary	384	101729	Boys	Primary	-	-
	Middle	101	33141		Middle	-	-
	High/Higher	115	17784		High/Higher	104	2216
Girls	Primary	345	95428	Girls	Primary	-	-
	Middle	169	26986		Middle	-	-
	High/Higher	90	15499		High/Higher	63	2025
Co-Schools	Primary	-	-	Co-Schools	Primary	394	146257
	Middle	-	-		Middle	183	26059
	High	-	-		High	-	-

HIGHER/TECHNICAL/PROFESSIONAL EDUCATION (PUBLIC & PRIVATE)

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

HEALTH FACILITIES

Particulars	Primary	Secondary	Tertiary	Private Hospital	Total
No. of Facilities	86				
Annual OPDs	1				
No of beds	2				
Doctors Available	0				
Paramedical staff	89				
Ambulances available					
					161,055

LIVESTOCK INSTITUTIONS

Veterinary Hospitals	Veterinary dispensaries	Veterinary centers	Total
13	67	10	90

STAFF / MANPOWER TO BE DEPLOYED DURING FLOOD EMERGENCY

APVOs, VOs, SVOs	Veterinary Assistant	A.I Technician	Cattle Attendants & Others	Drivers	Total Staff
08	17	04	--	04	33

Livestock: Small Animals (goats, sheep etc.) Sheep, Goats, Dog, Cat, Hens Big Animals (cows, buffalos, camel etc.) Buffalos, Cows, Camel,

Agriculture Main source of livelihood of the community (in percentage)	Live stock	Poultry	Fish Farming	Services (Public & Pvt)	Business	Expatriates	Industrial Labor	Skilled Labor	Unskilled Daily Labor	General Labor
27%	7%	3%	0%	11%	5%	0%	8%	10%	13%	16%

DISASTER HISTORY - FLOODS (SINCE 1970)

S#	Year	No. of people affected	No. of deaths	No. of Revenue Estates affected	Houses Damaged (Partially)	Houses Damaged (Fully)	Compensation Paid (Rs.)	Financial Impact (including infrastructure damaged)
1	1973		0	0	0	0	DISCHARGE U/S OF BALOKI (Cs) 2,98,000	
2	1976		0	0	0	0	DISCHARGE U/S OF BALOKI (Cs) 2,55,974	
3	1988		0	0	0	0	DISCHARGE U/S OF BALOKI (Cs) 3,89,345	
4	1995		0	0	0	0	DISCHARGE U/S OF BALOKI (Cs) 2,22,800	
5	1996		0	0	0	0	DISCHARGE U/S OF BALOKI (Cs) 2,20,000	
6	2013		0	1	1	2		
7	2014		0	1	1	1		
8	2015		0	0				
9	2016		0	0	0	0		

GENERAL INFORMATION

Particulars	Detail
Neighboring districts and their vulnerabilities	OKARA, PAKPATTAN, TOBA TEK SINGH, FAISALABAD
Topographical Features	The demographical profile of city shows that it became city in 1865 by Sir Robert Montgomery, there are 10 UCs, and total area of the City is 34 Sq. Km, total Population of the City (Population reported by Urban Unit) was 331,182 in 1998, literacy rate of the City was 69.1% and average household size was 7.0, growth rate 1981-98 is 1.92% (District Census Report 1998). Current projected population of the City is 406,681.
Weather/Climate pattern	e.g. max. and min. temperature, annual precipitation, storms, heat waves, snow fall etc. The weather of Sahiwal is extreme during the months of May, June and July, when the temperatures soar to 40–50 °C. While in winter, down to 5–10 °C minimum. The average rainfall is about 200 mm annual.[1] The soil of the land is very fertile and climate tends to support short or scrubby vegetation. A significant area is dominated by grasses, shrubs and forests.
Major Rivers	Name of river, passing through areas along with length in the district Major Barrages and their Flood levels River Ravi having a length of 55.00 miles in District Sahiwal There is no barrage in the jurisdiction of Sahiwal Canal Division, LBDC Sahiwal Flood levels = 576.00 ft
Major Nullahs / Streams	Name of river, passing through areas along with length in the district Flood levels Sukhani Drain (Old creek of Sukh Bias river), passes along the boundary line of District Sahiwal and District Pakpattan/ Vehari in length of 180 KM passes through the lowest contour and rarely effect the surrounding area. Flood levels= 520.00 Ft.
Motorway/Highway	Vulnerable points of motorway/highway
Railways	Vulnerable points of Railway
Geological features	e.g. fault line, mountainous areas etc. The area consist of alluvial, silt and sandy soils in the vicinity of river Ravi. Remaining areas are silty to clayey lands are highly fertile.

DAMS (INCLUDING SMALL DAMS)

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

MAJOR EMBANKMENTS/BUNDS

Name of Embankment	Length (km)	Starting Point (Mouza/Tehsil Name)	Ending Point (Mouza/Tehsil Name)	Name of Critical/ vulnerable Points	GPS Location of Critical/ Vulnerable Points
J-head Spur Ara Tulla	2.06	Ara Tulla/Sahiwal	Ara Tulla /Sahiwal	-	Latitude: 30.67882 Longitude: 73.090275
J-head Spur Dadra Bala	0.81	Dadra Bala/Sahiwal	Dadra Bala/Sahiwal	-	
Guide spur 1st Dulla Zareen	0.24	Daula Zareen/Sahiwal	Daula Zareen /Sahiwal	-	
Guide spur 2nd Dulla Zareen	0.32	Daula Zareen/Sahiwal	Daula Zareen/Sahiwal		
Guide spur Kaureshah Zareen	0.58	Kaureshah Zareen/Sahiwal	Kaureshah Zareen/Sahiwal		
Guide spur	0.30	Nathus Wasli/Sahiwal	Nathus Wasli/Sahiwal		

Guide spur	0.15	Dad Baloch/Sahiwal	Dad Baloch/Sahiwal
6 No. solid stone studs	0.18	New Daden Mochiwala/SWL	New Daden Mochiwala/SWL
Gunda Bund	2.06	Aurangabad/Sahiwal	Aurangabad/Sahiwal

POWER HOUSES/GRID STATION/OIL DEPOT/OTHER SENSITIVE INSTALLATIONS

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Grid station Yousaf wala	500 KV	Latitude: 30.669667 Longitude: 73.169625			X: Y:
Coal Fired Power Project, Qadirabad.	1320	X: Y:			X: Y:

AIRPORT / LANDING STRIPS

Type	Area Name	GPS Coordinates	Type	Area Name	GPS Coordinates
No Airport in District Sahiwal		X: Y:			X: Y:

BRIEF HISTORY OF PAST FLOOD EVENTS

The river reach of Sahiwal Canal Division LBDC Sahiwal starts from Mari-Pattan to Chichawatni Bridge. Flood damages in this area have an old history which starts from the year 1955. During the year 1955, a heavy flood in river Ravi at Balloki Headworks was recorded as 204360 Cs. A huge area and Government infrastructure i.e. Schools, Dispensaries and pacca roads etc were damaged in Sahiwal and Chichawatni Tehsil. Similarly in 1976, the river Ravi with its discharge of 234474 Cs at D/S Balloki badly affected various villages in Sahiwal District. Again in 1988, an unprecedented discharge of about 240854 Cs in river Ravi at D/S Balloki Headworks caused heavy damages to human, animal lives, crops and houses. The following villages in Tehsil Sahiwal are also effected due to past flood events:

Dad Baloch, Karam Baloch, Shahmand Baloch, Mullah Hamza Dadan, Mochiwala, Kaureshah Zareen, Dulla Zareen and Nathu Wasli

DESIGN DATA, HISTORIC PEAK FLOOD DATA AND PREVIOUS FIVE YEARS FLOOD DATA OF HEAD WORKS/BARRAGES AND OR OTHER CONTROL POINTS

Flood limits.

LOW	MEDIUM	HIGH	VERY HIGH	EXCEPTIONALLY HIGH
RAVI AT JASSAR				
50,000 Cs:	75,000 Cs:	1,00,000 Cs:	1,50,000 Cs:	2,00,000 Cs: and above
To	To	To	To	
75,000 Cs:	1,00,000 Cs:	1,50,000 Cs:	2,00,000 Cs:	
RAVI AT SHAHDRA				
40,000 Cs:	65,000 Cs:	90,000 Cs:	1,35,000 Cs:	1,80,000 Cs: and above
To	To	To	To	
65,000 Cs:	90,000 Cs:	1,35,000 Cs:	1,80,000 Cs:	
RAVI AT BALLOKI				
40,000 Cs:	65,000 Cs:	90,000 Cs:	1,35,000 Cs:	1,80,000 Cs: and above
To	To	To	To	
65,000 Cs:	90,000 Cs:	1,35,000 Cs:	1,80,000 Cs:	

From Balloki Headworks to Dadan, the course of the river Ravi is about 75 miles and the flood water will normally take about 20 to 25 hours to reach from Balloki Headworks to Dadan site.

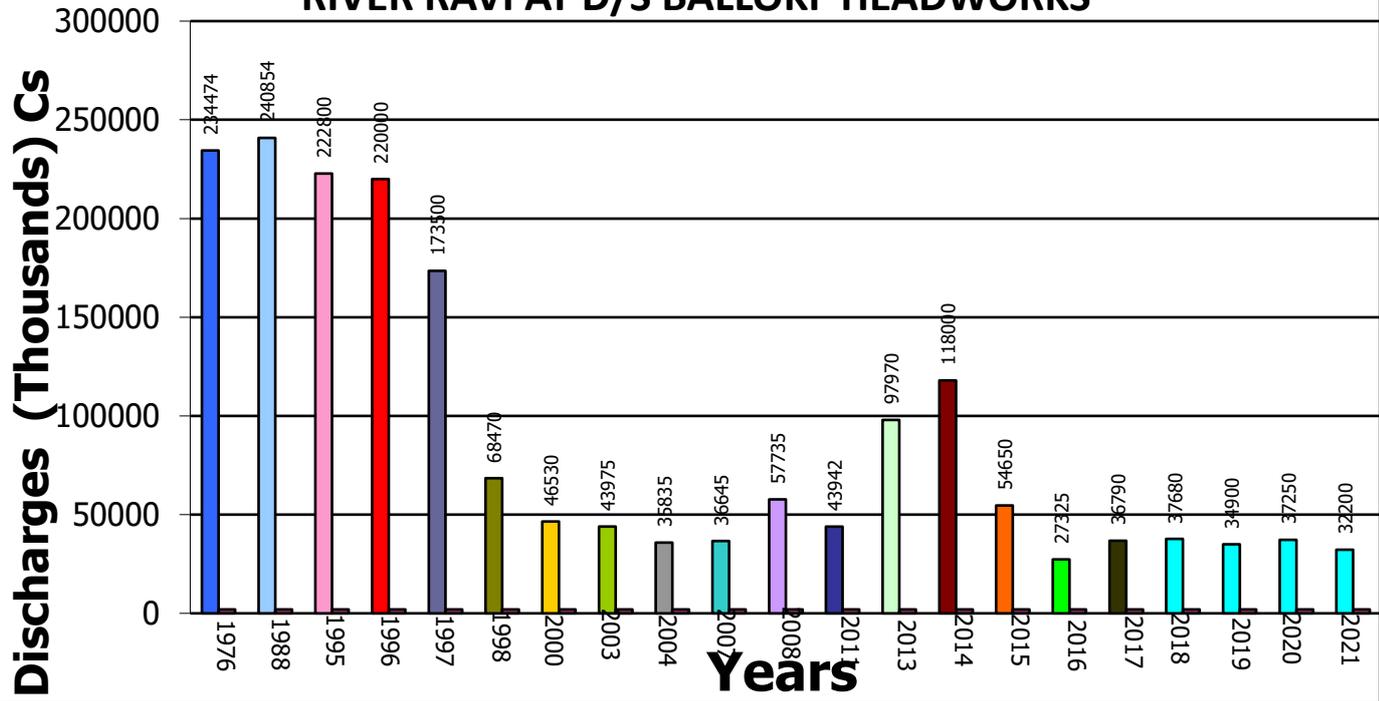
Time lag of floods

SR. NO.	DISCHARGE (CS)	MILE From Balloki To Sahiwal	TIME LAG (HOURS) from Balloki Head Works				
			Dad Baloch	DULLA ZAREE N	ARA TULLA	DADR A BALA	CCE
1	40000 - 65000 LOW FLOOD	75.00	55	57	59	61	63
2	65000 – 90000 MEDIUM FLOOD	75.00	37	39	41	43	45
3	90000 – 135000 HIGH FLOOD	75.00	25	27	29	31	33
4	135000 - 180000 VERY HIGH FLOOD	75.00	22	24	26	28	30
5	180000 & ABOVE EXCEPTIONALLY HIGH FLOOD	75.00	20	22	24	26	28

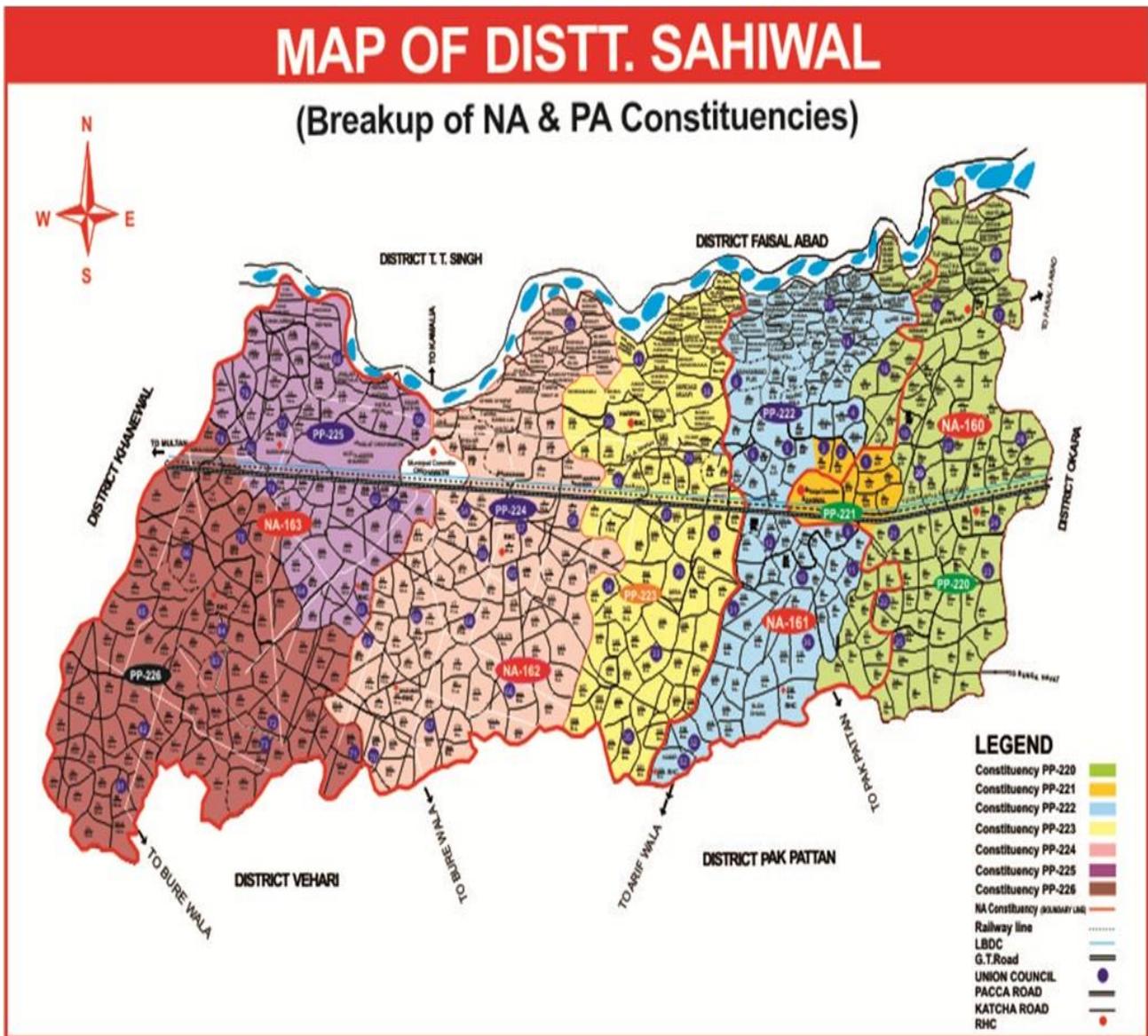
Highest Floods

YEAR	DISCHARGE U/S HEADWORKS	DISCHARGE D/S HEADWORKS
1950	275540 Cs.	125540 Cs.
1954	175000 Cs.	175000 Cs.
1955	204360 Cs.	144360 Cs.
1957	168700 Cs.	168700 Cs.
1973	298000 Cs.	183000 Cs.
1975	180205 Cs.	180205 Cs.
1976	255974 Cs.	234474 Cs.
1988	389345 Cs.	240854 Cs.
1995	222800 Cs.	222800 Cs.
1996	220000 Cs.	220000 Cs.
1997	173500 Cs.	173500 Cs.

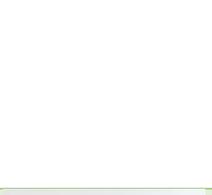
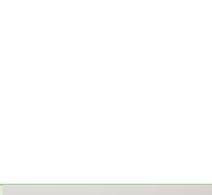
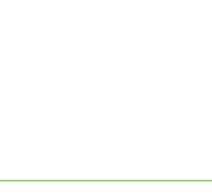
HISTORIC PEAK FLOOD DATA OF PREVIOUS YEARS OF RIVER RAVI AT D/S BALLOKI HEADWORKS

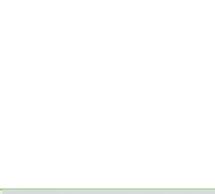


DISTRICT BASELINE/REFERENCE MAP



BREACHING SECTIONS

Sr. No.	Name of Protective Band/ Embankment/ Dyke surveyed	Status		Photograph	
		Condition of the Embankment/ Band/ Dyke			
		Satisfactory	Un-Satisfactory		
	Dulla Zareen, PS Bahader Shah	--	Un-satisfactory		
	Nathu Wasli, PS Bahader Shah	Satisfactory	--		
	Pull Qutab Shahana, PS Bahader Shah	Satisfactory	--		
	Thatha Qutab Shahana, PS Bahader Shah	--	Un-satisfactory		
	Koray Shah Zarein, PS Noor Shah	--	Un-satisfactory		
	Dad Baloch, PS Noor Shah	--	Un-satisfactory		
	Nooran Sanpal, PS Harrapa	--	Un-satisfactory		
	Chak Dadra Bala, PS Harrapa	Satisfactory	--		

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

COORDINATION MECHANISM

COORDINATION ORGANOGRAM

(Including Sector lead agencies/departments, Military, NGOs and Volunteers)

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

FLOOD WARNING SYSTEM:

Sr. #	Flood Warning Center	Source of Information
1	District Flood Control Room DDMA Office Sahiwal 040-9200069	1. Met Dept. Lahore (042-99200139) 2. Divisional Irrigation office at 040-9200222 3. Police Wireless Control (040-9200287) 4. Sector Incharge 5. Patwaris 6. General Public
2	Divisional Irrigation Office Sahiwal Mrs. Musfira Nadeem, SDO, Sukhrawa Drainage Sub Division-II Swl , Executive Engineer, 9200225, 0307-7733018	1. Muhammad Islam Bhatti SE LBDC Circle 0301.7729260 2. Dedrabala Sector (Mr. Nadeem Bhatti, SDO Sahiwal, 0300- 8099265)

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:

1. prepare a disaster management plan including district response plan for the district;
2. coordinate and monitor the implementation of the National Policy, Provincial Policy, National plan, Provincial Plan and District Plan;
3. 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;
4. 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;
5. 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;
6. 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;
7. monitor the implementation of disaster management plans prepared by the departments of the Government at the district level;
8. lay down guidelines to be followed by the departments of the Government at the district level;
9. organize and coordinate specialized training programmes for different levels of officers, employees and voluntary rescue workers in the district;
10. facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organizations;
11. set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
12. prepare, review and update district level response plan and guidelines;
13. 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;
14. 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;
15. 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;

16. establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
17. provide information to the Provincial Authority relating to different aspects of disaster management;
18. encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grass root level in the district for disaster management.
19. ensure communication systems are in order and disaster management drills are carried out periodically; and
20. perform such other functions as the Provincial Government or Provincial Authority may assign to it or as it deems necessary for disaster management in the district.

DISTRICT PLAN:

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

ADDITIONAL POWERS OF DISTRICT AUTHORITY:

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

1. give directions for the release and use of resources available with any department of the Government and the local authority in the district;
2. control and restrict vehicular traffic to, from and within, the vulnerable or affected areas;
3. control and restrict entry of any person into, his movement within and departure from, a vulnerable or affected area;
4. remove debris, conduct search and carry out rescue operations;
5. provide shelter, food, drinking water and essential provisions, healthcare and services;
6. establish emergency communication system in the affected area;
7. make arrangements for the disposal of the unclaimed dead bodies;
8. 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;
9. require experts and consultants in the relevant fields to advise and assist as it may deem necessary;
10. procure exclusive preferential use of amenities from any authority or person;
11. construct temporary bridges or other necessary structures and demolish structures which may be hazardous to public or aggravate the effects of the disaster;
12. ensure that the non-governmental organizations carry out their activities in an equitable and non-discriminatory manner; and
13. 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, EDOs, XENs etc.
- Pre-flood meeting should be held and duties of all concerned officers and departments should be clearly defined and assigned.
- A district disaster management plan should be prepared using the set template and updated regarding any disaster or emergency that may strike the district.
- A focal person for the disaster or calamity should be nominated and his/her number should be communicated to all concerned departments.
- Proper stock taking should be done regarding available stocks of food and rations. Similarly stock regarding machinery and equipment should also be taken and inventories should be prepared. Out of order machinery should be repaired or replaced.
- Committees should be formed and constituted which will deal with various functions during a flood or emergency. Purchasing of food items, food, and machinery should all be done through committees.
- Identification of Low lying, medium and high vulnerability levels with flood level
- In case of evacuation the district administration should be very clear about the places where the relief camps or shelters will be established. Teams should be formulated which will look after these camps and will be in-charge for provision of tents, food, water and maintaining general law and order. Provision of cooked food is also to be ensured.
- Proper ware houses and stores should be made available for storing of aid and donated items that may be received from authorities such as PDMA, WFP etc. A committee should be constituted to look after the record of all the items in the store.
- Proper crop surveys or girdawaris should be conducted through the revenue officials so that crop damage assessment can be made after disaster or flood affects the district. These surveys will also help in determining the identity of the true owners as well.
- Post damage assessment should be carried out by joint teams constituted of patwaris, teachers, and agriculture field assistants. Technology should be involved and android sets should be used to gather accurate data.
- Round the clock active control rooms should be set up and the numbers be circulated to all concerned. The control rooms should be equipped with wireless, telephones and computers. All info gathered or received should be conveyed to the concerned. The control room should have representatives of concerned departments such as police, health, 1122, and revenue.
- Early warning is critical in saving lives. The local revenue officials along with local police should be deployed to warn the people against the oncoming disaster and to urge them to vacate the disaster prone

areas and villages. Loudspeakers, mosque speakers and word of mouth should be used. Banners and posters can also be used.

- Data collection is of prime importance and the senior network administrator should be declared as the focal person for collection of relevant information such as number of casualties, damages to infrastructure, injured, perished livestock etc. for onward submission to PDMA etc.
- Mock exercises should be carried out along with all concerned departments specially 1122, Police, civil defence and Pakistan army regarding the action plan during any emergency or flood. This will give a fair idea about the preparedness of the district.
- Availability of vehicles should be ensured for use during any emergency especially off road vehicles like jeeps.
- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

CHECKLIST FOR REVENUE DEPARTMENT:

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

MUNICIPAL CORPORATION

- Municipal Corporation plays an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.
- Municipal Corporation will provide assistance to the district administration for setting up and management of relief camps/ operations.
- Municipal Corporation are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.

- Municipal Corporation are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders and dump trucks. All of this equipments are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- Municipal Corporation sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- Municipal Corporation employ de-watering sets to remove excess water. All Municipal Corporations are required to ensure the maintenance of all dewatering sets prior to the monsoon season. Municipal Corporation 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 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 under the concerned Administrator i.e ADC/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local Municipal Corporation 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 DCO. The office of the DCO fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, TMAs and the Revenue Department form the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the TMAs.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue

department. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc.

- The tactical operations would be headed by the Additional District Collector (ADC). The ADC would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government had notified the following composition of DDMA's for whole of the province:

DEPUTY COMMISSIONER (CHAIRPERSON)

- i. District Police Officer
- ii. Additional District Commissioner (R)
- iii. Two Elected Representatives to be nominated by the Chair
- iv. Representative of Pak Army
- v. Two Representatives of NGOs/Civil Society to be nominated by the Chair
- vi. District Officer (Coordination)
- vii. Executive District Officer (F&P)
- viii. Executive District Officer (Works & Services)
- ix. Chief Executive officer (Health)
- x. Executive District Officer (Education)
- xi. Executive District Officer (C&D)
- xii. SP Special Branch
- xiii. XEN Irrigation / Public Health
- xiv. District officer Civil Defence
- xv. Administrators of Tehsil Municipal Corporation
- xvi. All Municipal Corporation Officers in District
- xvii. District Emergency Officer, Rescue 1122 (Secretary)
- xviii. Representative of Red Crescent
- xix. Such other District level Officers to be appointed by District Government
 - District Governments must establish a Disaster / Flood control room at the DC office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room has to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
 - The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
 - Executive District 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.
 - EDO (Agriculture) and DO Livestock would arrange fodder and feed supplement for livestock and animals displaced.

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

ROLE OF RESCUE 1122 IN DISTRICTS DURING DISASTER

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

PRE-DISASTER CHECK LIST FOR DDMA

- Meeting of DDMA held
- Identification of vulnerable areas
- Identification of Safe places
- Preparation of contingency plan
- Bunds and encroachments visited
- Sites identified for relief camps Evacuation routes/plan
- Safe custody of Government records and essential equipment and their shifting to safer areas on receipt of flood warning
- Enlistment of department wise available resources
- Preparation of list of required relief goods/ items
- Involvement of Volunteers, NGOs and other CSOs
- Designation of Focal Person
- Preparation of District vulnerability map with varying degrees of floods
- Evacuation well in time from vulnerable areas
- Establishment of Camps – All services under one roof
- Flood warning and weather forecast: Loudspeaker's 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

District Flood Control has been established in the Office of Deputy Commissioner, Sahiwal with telephone No.040-9200078, it remains operational round the clock and one official and Naib Qasid remain present round the clock. All flood situation reports are received in this control room and conveyed to the concerned Assistant Commissioner / Sub Divisional Control Officer. The daily situation reports are exchanged on telephone and in case of emergency, police wireless system is also used.

FLOOD WARNING SYSTEM

Sr. No	Flood Warning Centre	Source of Information
1.	District Flood Control Room DDMA Office Sahiwal	040-9200069
2.	Met. Dept. Lahore (042-99200139, 99201238, 99201244, 99205159, 99205160)	
3.	Divisional Irrigation office	040-9200222
4.	Police Wireless	040-9200287
5.	Sector In charges	
6.	Patwaris	
7.	General Public	
8.	Divisional Irrigation Office Sahiwal	
9.	Umer Abrab (Executive Engineer, Irrigation Sahiwal)	0324-7575876
10.	Jawed Asif (SDO, Irrigation Sahiwal)	0322-8965134

CHECKLIST FOR CONTROL ROOM:

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

CHECKLIST FOR RELIEF CAMP INCHARGE:

- List of staff displayed with name and department teams will work in shifts
- Presence of representatives of all service providers i.e. Health, livestock, Rescue 1122, Civil Defence etc.
- No movement without the permission of Centre Incharge
- Each shift in-charge to contact District Control Room on arrival and then on departure
- In-charge will keep close liaison with SHO of the respective area

- No of affectees in camp (sick, aged and children) shall be communicated daily
- Availability of at least one emergency vehicle at center be ensured
- Keep record of private boat owners and their contacts details
- List of Doctors and private hospital in the vicinity
- List and contact of philanthropists in the vicinity
- Keeping record of donations coming directly to Centre and report the same to Tehsil and District Incharge.
- Centre Incharge shall ensure vaccination of animals and humans against Communicable diseases
- List of missing persons must be displayed at all Relief Camps

ROLE OF HEALTH DEPARTMENT

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

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

In case of any disaster or calamity the health department will ensure that the following measures are in place;

- To provide first aid to the injured people and arrange evacuation of patients for further assistance.
- Medical camps and mobile health teams should be arranged for prevention and control of communicable diseases, immunization and provision of essential drugs.
- Health department would make a roster of all medical officers and paramedics that would be deployed to these camps and teams.
- Drugs and other medical equipment should be available at all these camps and with mobile teams. The medicine should be for relevant flood related issues, **particularly Anti-snake venom, Anti-rabies.**
- The shelters or relief camps established by the district administration should have medical centers with ambulances and special facilities for women and children.
- An emergency control room will be established in the office of Directorate General Health Services and a representative of this emergency control room would be designated to PDMA's control room.
- A list of essential medicines would be prepared by the Health department and it would ensure that medicines and other resources are present in sufficient stocks in hospitals in disaster hit areas.
- Medical colleges may be involved to create Emergency Response teams
- Health department would also coordinate with international organizations such as WHO and UNICEF.
- Extensive disease surveillances in the disaster hit areas should be carried out warnings if needed be issued through the Disease Early Warning System.
- Medical teams and paramedic staff should be mobilized and deployed for rapid assessment and quick response in the affected areas.

- A contingency plan will be prepared and submitted regarding preparedness for any disaster or calamity.
- The National Disaster Management Authority has designated WHO as the key organization that will fill the gaps in the supply of medicines, rapid diagnostic kits, and vaccinations etc.
- The department would employ female health workers in emergency areas specially, for spreading awareness regarding health risks in a disaster and for any vaccination or immunization programme that may be needed during any emergency.
- A Health and Nutrition Cluster for overall management and oversight of Health department's disaster response would be formed at the Directorate General Health office.
- In case the medicine stocks or even the infrastructure is damaged due to floods, the department would draw up a plan for early recovery of health infrastructure and service delivery.

CIVIL-MILITARY COORDINATION MECHANISM

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

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

VOLUNTEER NETWORK

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

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

RISK ANALYSIS

Potential hazards of the district

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

Risk = Impact x Likelihood

Low : 1-7

Medium : 8-14

High : 15-25

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

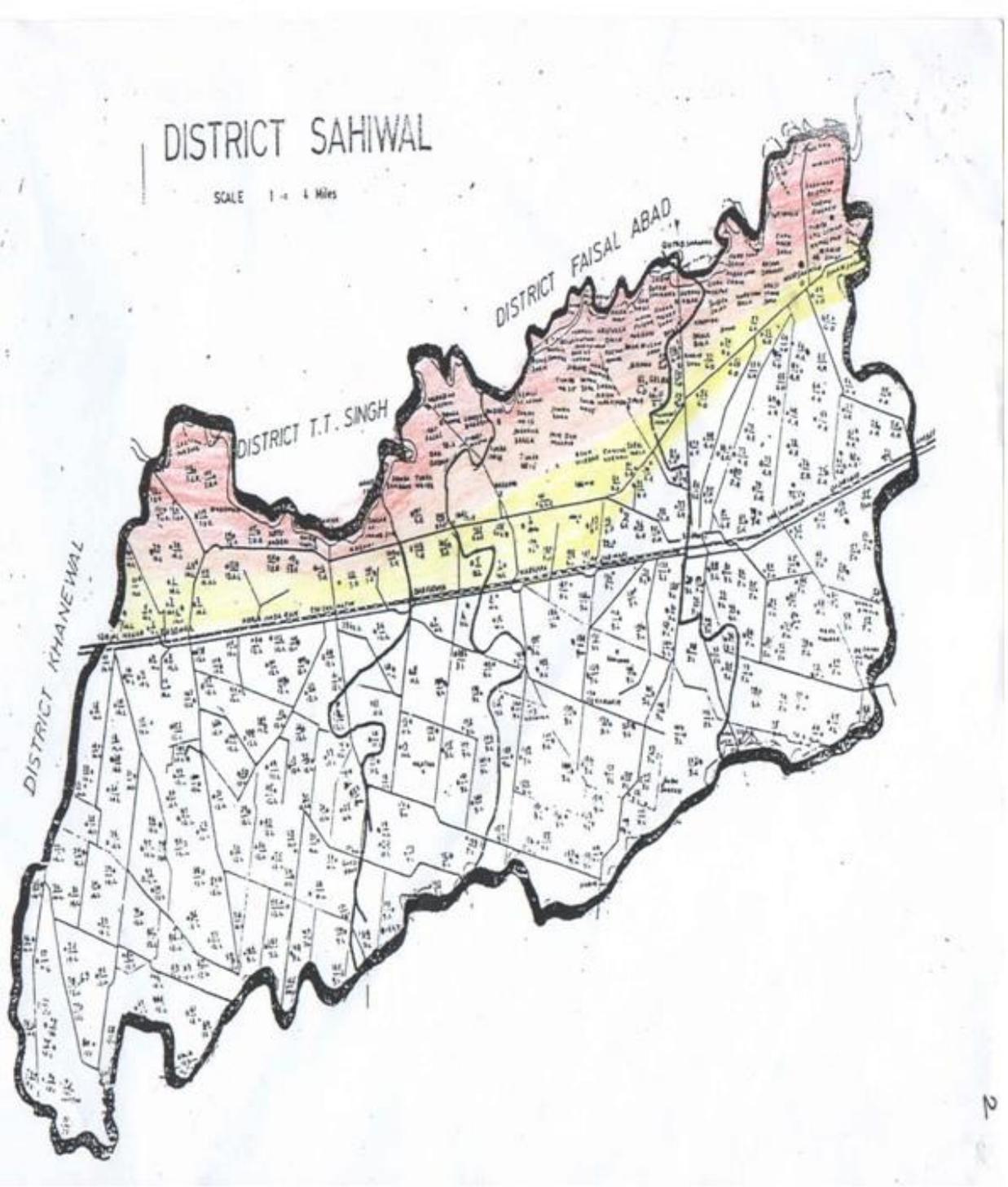
The river reach of Sahiwal Canal Division LBD Sahiwal starts from Mari-Pattan to Chichwatni Bridge. Flood damages in this area have an old history which starts from the year 1955. During the year 1955, a heavy flood in river Ravi at Balloki headworks was recorded as 204360 Cs. A huge area and Government infrastructure i.e. Schools, Dispensaries and pacca roads etc were damaged in Sahiwal and Chichawatni Tehsil.

Similarly in 1976, the river Ravi with its discharge of 234474 Cs at D/S Balloki badly affected various villages in Sahiwal District. Again in 1988, an unprecedented discharge of about 240854 Cs, in river Ravi at D/S Balloki Head works caused heavy damages to human, animal lives, crops and houses. The following villages in Tehsil Sahiwal are also affected due to past flood events.

dad Baloch, aram Baloch, Shahmand Baloch, Mullah Hamza Dadan, Machiwala, Kaureshah Zareen, Dulla Zareen and Nathu Wasli.

MAP

With vulnerable points, hazards, planned camps, health facilities, warehouses etc.



RESPONSE & OPERATIONAL CAPACITY

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

The District Sahiwal has got fairly good response capacities both on the on the parts of government and its NGO partners. The district has got to big public hospitals and a number of private health facilities at its headquarter. The urban infrastructure which is fairly planned and specious cope Wirth any likely director both nature or imposed by some unwanted human intervention. The district enie emergency set up is also fairly well equipped and trained to respond promptly and accurately. Mole exercise are also part of usual training and keep the emergency response in proper shape. Emerging industrial set up may pose a threat to the calm and peaceful city headquarter but staff measures are being ensured by the district administration and its counts past intelligence set up.

STRATEGIC RESERVES

Items	Available	Functional	Non-Functional
Boats	07	07	0
OBM	0	0	0
De-watering sets	06	06	0
Navigators	0	0	0
GIS devices	0	0	0
Life Jackets	80	80	0
Life Ring	140	140	0
Life Lines	0	0	0
Scuba diving suit with complete accessories	04	04	0
First Aid Kits	120	120	0
Rescue Bag	0	0	0
Safety Harnesses	03	03	0
Ambulances	07	07	0
Fire Brigade	04	04	0
Water Tanks / Bouzers	03	03	0
Extendable Ladders	0	0	0
Hydraulic Cutter	01	01	0
Sonar Rader	0	0	0
Jumping Sheet	0	0	0
Dumpers	0	0	0
Excavators	0	0	0
Cranes	0	0	0
Bulldozer	0	0	0
Boat Carrier/Trolleys	0	0	0
Pickups/Jeeps/4x4 vehicles/Mini Trucks	0	0	0
Searchlight	02	02	0
Tent	241	241	0
Mosquito Net	28	28	0
Plastic Mat	0	0	0
Blanket	0	0	0
Any other main relief/rescue equipment	0	0	0
Generator Sets	02	02	0
Gas-Cutters	0	0	0

Scuba Diving Set	04	04	0
Navigator/GPS Tracker	0	0	0
Floating Rope	03	03	0

GAPS AND CONSTRAINTS

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

One of the outputs of the PCIIP was to develop a profile for each of the program cities that provided a detailed existing situation identifying gaps, wherever possible. The profile was to focus on providing sectoral information services of Water, Sanitation, Solid Waste Management and Urban Transport for the City.

Due to the budgetary constraints the coverage and quality of municipal service delivery is affected. The major source of receipts of the municipalities is the fiscal transfers from the provincial government of their share in the provincial consolidated fund based on the PFC Award announced by the Provincial Finance Commission.

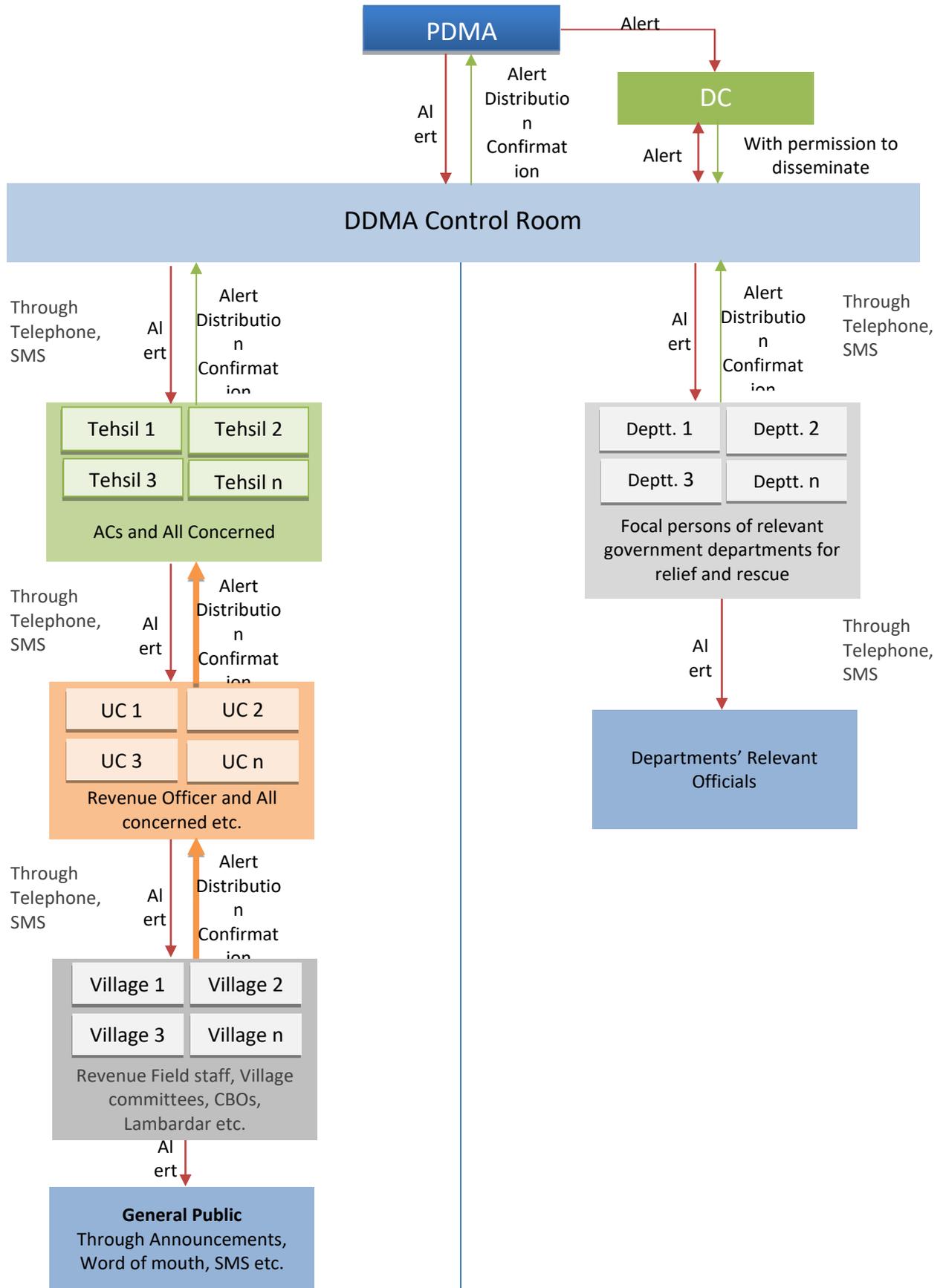
MITIGATION STRATEGY OF DEPARTMENTS

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

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

Fire Incidents	Small fire incidents become of shot circuits and decanting of liquified petroleum gases do assure of and on in the city but Fire service both of TMA and Rescue 1122 is equipped enough to respond to any such situation.	Rescue 1122, Fire Brigade, TMA
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	<p>Ensure to prevent one wheeling</p> <p>ensure to prevent high speed and overloading</p> <p>ensure to use helmets</p> <p>ensure to use safety belts</p> <p>ensure to use reflectors behinds trolley and rikshawas</p> <p>ensure demolishing of old and dangerous buildings</p> <p>ensure safety protocol to be followed in high rise buildings</p> <p>evacuation plan must be ensured</p> <p>enter & exist points must be declared</p> <p>industries should not be situated in residential areas</p> <p>ensure to conduct evacuating drill in all schools, colleges, universities and industries.</p>	Rescue 1122, Health Department, Moter way Police, TMA, Traffic Police.
Environmental Hazards (industrial accidents, severe pollution etc.)		

EARLY WARNING INFORMATION FLOW DIAGRAM



ALERTNESS LEVELS

Following four levels alertness have been established:

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

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.

A District Control Room is established at the start of each flood season or as soon as any severe weather/ disaster alert is generated from the Provincial Headquarter (met office or PDMA). Similarly, control rooms at each Tehsil headquarter is compulsorily established under the direct supervision of each Assistant Commissioner. Each District department especially police and Rescue 1122 also established their separate control rooms. The District Control Room is directly monitored by the Deputy Commissioner or his nominee (ADC or DOC etc). As soon as some alert situation is initiated the lower revenue formations i.e. up to Patwaris are intimated and directed to respond immediately through landline and cellular networks e.g. evacuation of population of any target area. Safe havens are already identified to move the target population thereto e.g. schools etc. Camps of all emergency services departments are also established therein as required by the magnitude of the emergency situation.

RESCUE STRATEGY

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

1. As an immediate action, information is to be disseminated to the target area/population through announcements on local speakers and drum beats by the lower revenue field staff.
2. Rescue 1122 responds to any emergency situation in minimum possible time and other departments like Health and Civil Défense follow suit. District administration is always alert to make up the deficiencies and fill up the gaps by mobilizing communities through NGOs and its own revenue field formations.
3. Pakistan Army is usually kept on call and invited only when the situation is out of control of the Civil Administration. In Sahiwal, usually two companies of Army are deployed during elections or Muharram processions.

HUMANITARIAN ASSISTANCE

- How damage and losses data will be collected and communicated to higher level?
- How the priority needs (e.g. food, shelter, health etc.) will be determined?
- What activities will be carried-out to provide assistance to the affected population and by whom?
- What assistance will be provided?
- Standardization of different packages/kits e.g. food, tents

- Humanitarian Assistance monitoring mechanism – to avoid duplication and identify gaps
- Minimum standards for camps, if camps are established
- What is the current capacity in the district? Enough for how much caseload?
- Explain how protection, gender and age, environment and other relevant cross-cutting issues that will be addressed or mainstreamed into the humanitarian assistance strategy

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

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

LIST OF HEALTH FACILITIES AND THEIR VULNERABILITY TO HAZARDS

S#	Name and Location	GPS Coordinates	Health Facility Type (Primary, Secondary, Tertiary)	Name and Contact No of Focal Person	Hazard Vulnerability (Floods, Earthquake etc.)
1	RHC Noor Shah		RHC Noor Shah		RHC Noor Shah
2	X: 30.83		X: 30.83		X: 30.83
3	Y:78.19		Y:78.19		Y:78.19
4	RHC		RHC		RHC
5	Dr. Muhammad Umair Shahid		Dr. Muhammad Umair Shahid		Dr. Muhammad Umair Shahid
6	0335-0345335	Flood	0335-0345335	Flood	0335-0345335
7					
8	BHU Asad ullah Pur		BHU Asad ullah Pur		BHU Asad ullah Pur
9	X: 30.70		X: 30.70		X: 30.70
10	Y:73.01		Y:73.01		Y:73.01
11	GMS 120/7-ER	X: 30.67			

HEALTH DEPARTMENT

MANAGEMENT AND COORDINATION

The overall responsibility of management and coordination during flood, would lie with Health & Nutrition Coordination Committee under overall supervision of Chief Executive Officer District Health Authority. The Coordination Committee will comprise of District Health Officer Preventive services District Health Authority, Deputy District Health Officers, PHS, DCNP, CDCO, DSV, DSI and representatives from UN Development partners with Chief Executive Officer District Health Authority as Chairperson. District Health Department will keep close liaison with DDMA for overall guidance and mobilization of additional resources.

The coordination team would meet on weekly basis before floods to review the preparations and take mitigation measures accordingly. The team will meet more frequently in case of heavy rains or flood situations as announced by the DDMA.

The District Control Room (DCR) will start functioning w.e.f 1 July 2020 under the supervision of **District Health Officer Preventive services District Health Authority Sahiwal** contact No. **0333-4827468** which will function round the clock till directions from the DGHS office. At least one official will be available in this cell with telephone facility 24/7. The duty roster of the DCR is given below:

Landline # of DCR→	040-9200371
Name/Designation of official on duty (shift wise):→	Morning: Mr.Shahzad, J/C DHO Office Sahiwal Cell.# 0303-7808018
	Evening: Ali Raza J/Clerk DHO Office Sahiwal , 0349-9572522
	Night: Muhammad Awais,J/C DHO Office Sahiwal.0313-6908399

Declaration of emergency by DDMA will act as trigger to mobilize all mobile and static teams to already designated stations. The supply chain will be maintained to replenish the medicines and consumables on regular basis. District Team will coordinate with Provincial Team in case additional help or resources are required.

AREAS LIKELY TO BE AFFECTED

High Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

Total Population likely to be affected				
Tehsil	Union Council	Village/s	Population likely to be affected	Nearest Health Facility
Sahiwal	04	19	46117	04
Chichawatni	02	06	14970	02

Moderate Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

Total Population likely to be affected				
Tehsil	Union Council	Village/s	Population likely to be affected#	Nearest health Facility
Sahiwal	04	15	38371	03
Chichawatni	03	10	33338	02

Mild Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

Total Population likely to be affected				
Tehsil	Union Council	Village/s	Population likely to be affected#	Nearest health Facility/ies
Sahiwal	03	10	19300	04
Chichawatni	02	10	15000	03

Grand Total of Population likely to be affected
167096

Grand total of Area likely to be affected
49,799 Acres

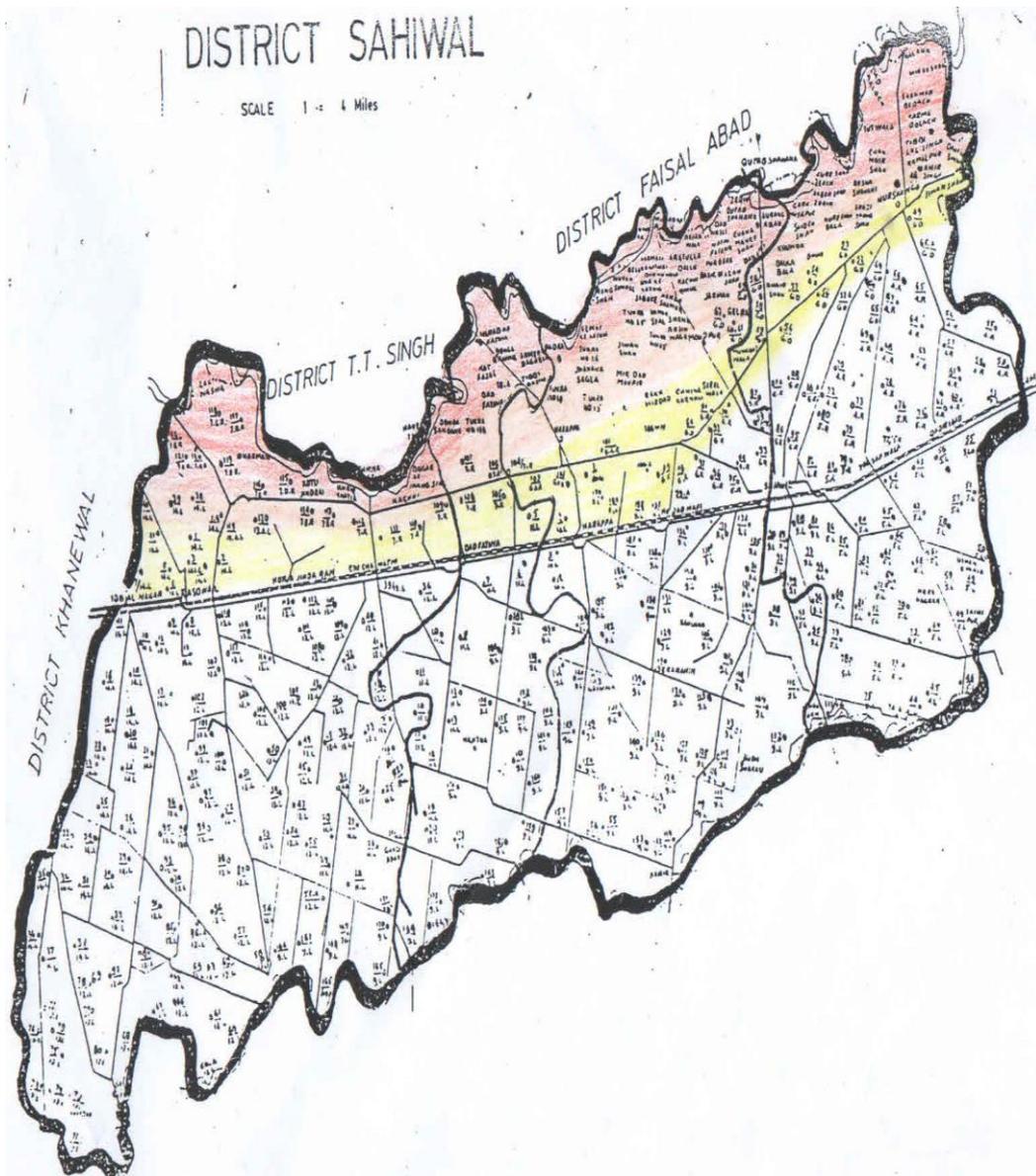
MAP OF DISTRICT

(Please insert map of the district showing demographic details, Health facilities, and major water channels with areas likely to be affected with colour coding as under)

Red: for High Intensity

Orange: for Moderate Intensity Floods

Yellow: for Mild Intensity Floods



DISEASE BREAKDOWN

(Please only change the number against “Expected Burden of Disease based on data from floods 2010”, this expected burden may be calculated from average of August & September 2010 patients reported in Fixed Centres and Mobile Teams, rest of the calculations will change automatically.)

1	Injuries	2%	3,342
2	Snake bite	0.03%	50
3	Dog bite	0.08%	134
4	Skin infection	21%	35,090
5	Eye infection	6%	10,026
6	Diarrhea	11%	18,381
7	ARI	18%	30,077
8	Fever	10%	16,710
9	Others	31%	51,800
10	Expected Malnourished Children	13%	21,722
11	Expected Malnourished PLWs	15%	25,064

FIXED CENTRES & MOBILE TEAMS PLANNED

(For filling up of tables # 7 and 8, yard stick for HR is given below)

HR for each Fixed Centre

Medical officer	2
LHVs	2
Dispensers	2
Support Staff Male	2
Female	2

HR for each Mobile Teams

Medical officer	1
LHVs	1
Dispensers	1
Driver	1

FIXED CAMPS IN SAHIWAL

GOVT. HIGH SCHOOL NOORSHAH

MORNING 8.00 A.M. TO 3.00 P.M

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Muhammad Umair Shahid	SMO.RHC Noor shah	Govt. High School Noor shah	0335-0345335
2	Hamid Ali	Dispenser RHC Noor shah		0345-8599746
3	Umm e Kalsoom	CN.RHC Noor shah		0345-2705963
4	Kalsoom Akhter	Mid Wife RHC Noor shah		0344-6824221
5	Tahir Iqbal	Naib Qasid RHC Noor shah		0301-6919940

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Zain	MO.RHC Noor shah	Govt. High School Noor shah	0334-6676066
2	Naik Muhammad	Disp.RHC Noor shah		0347-4164298
3	Rukhsana Sattar	CN.RHC Noor shah		0304-6959524
4	Anwer Ali	Naib Qasid RHC Noor shah		0346-7466803

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Tehreem	WMO RHC Noorshah	Govt. High School Noor shah	03083441353
2	Muhammad Usman	JTP.RHC, Noorshah		0346-0548422
3	Nida Arooj	CN.RHC, Noorshah		0331-4572227
4	Ahsan Farooq	WS. RHC.Noorshah		0305-3063786

GOVT. BOYS HIGH SCHOOL MUHAMMAD PUR

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Ramsha Zafar	WMO.BHU Asad ullah pur	Govt. Boys High School, Muhammad Pur	0322-4089961
2	Zafar Ali	Dispenser Asadullah pur		0346-7470055
3	Nazia Rafique	LHV Asadullah pur		0307-6914819
4	Abdul Ghaffar	Naib Qasib Asadullah pur		0340-4436491

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Amina Ahmad	WMO. BHU - 91/6-R	Govt. Boys High School, Muhammad Pur	0307-5966742
2	Muhammad Siddique	Dispenser BHU-91/6-R		0303-9503668
3	Robina Tariq	LHV BHU- 91/6-R		0305-7961499
4	Muhammad Ikhlaq	N/Q-BHU- 91/6-R		0301-6919491

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Nazir Ahmad	CT Asadullah Pur	Govt.Boys High School Muhammad Pur	0312-6006767
2	Naveed Alam	Disp.BHU.87/6-R		0300-7836675
3	Miraj Bibi	LHV BHU 92/6-R		0307-8219037
4	Rasheed Masih	S/W 92/6-R		0303-3608692

GOVT. BOYS HIGH SCHOOL 58/G-D

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Bushra Saleem	WMO. BHU 58/GD	Govt. Boys High School , 58/G-D	0304-9326789
2	Muhammad Hashim	Dispenser BHU 58/GD		0345-7436575
3	Ishrat Hameed	LHV BHU 58/GD		0304-1777808
4	Muhammad Aslam	Naib Qasid BHU 58/GD		0301-7665859

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Eiman Khalid	MO BHU 87/6-R	Govt. Boys High School , 58/G-D	0305-4073457
2	Asim Hamad	CT. BHU 87/6-R		0345-7432374
3	Naheed Akhtar	LHV BHU 87/6-R		0302-5329181
4	Mehmood-ul-Hassan	Naib Qasid 87/9-R		0347-5750500

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Rida Sherazi	WMO. BHU Qutab Shahana	Govt. Boys High School , 58/G-D	0321-9693396
2	Adnan ul Azam	Dispenser, BHU.Qutab Shahana		0301-6905096
3	Shahida Ashraf	LHV.BHU. Qutab Shahana		0302-6904903
4	Arslan Mehmood	S.G.BHU. Qutab Shahana		0307-6939581

GOVT. BOYS HIGH SCHOOL HARAPPA CITY

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Khizar Hayat Kathia	MO RHC Harappa	Govt. Boys High School, Harappa City	0300-6938451
2	Muhammad Amir	Dispenser Harappa		0302-7835228
3	Tahira Samreen	LHV Harappa		0306-7861662
4	Sajida Ramzan	C N Harappa		0302-3260099
5	Ghulam Ali	Naib Qasid Harappa		0301-6910599

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	DR. Raza Ali	MO.RHC Harappa	Govt. Boys High School, Harappa City	0345-7476796
2	Amir Nazir	Dispenser RHC Harappa		0344-6975128
3	Gulnaz	CN RHC Harappa		0303-4141165
4	Ghulam Ali	Naib Qasid Harappa		0304-7955250

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Sadaf Joiya	WMO. BHU 104/7-R	Govt. Boys High School, Harappa City	0317-7431316
2	Sher Afzal	Dispenser RHC Harappa		0304-7955250
3	Razia Sultana	LHV BHU 104/7-R		0345-4088270
4	Bahadur Ali	Naib Qasid BHU 104/7-R		0344-6687834

GOVT. BOYS HIGH SCHOOL, MIRDDAD MAFI

MORNING 8.00 A.M. TO 3.00 P.M

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Parvez Iqbal	MO.BHU. Mirdad Maufi	Govt. Boys High School, Mirdad Maufi	0321-7201030
2	Muhammad Ashraf	Disp. Mirdad Maufi		0305-7381205
3	Shahida Parveen	LHV. BHU 99/6-R		0302-7671966
4	Ali Ahmad	S/W. BHU 99/6-R		0347-0601944

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Noman Qutab	MO.BHU Dadra Bala	Govt. Boys High School, Mirdad Maufi	0300-0693094
2	Sayed Mastansar Rafique	Dispenser BHU 99/6-R		0300-6912150
3	Razia Begum	LHV.BHU Dadra Bala		0306-9184102
4	Khalil Ahmad	Naib Qasid Mirdad Maufi		0343-6816065

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Bakhash Asim	CT. BHU Mirdad Maufi	Govt. Boys High School, Mirdad Mafi	0301-6902412
2	Umer Daraz	Dispenser Dadra Bala		0342-4154042
3	Khalida Zaib-Un-Nisa	LHV Mirdad Mafi		0342-4249280
4	Sharafat Aziz	Naib Qasid Dadra Bala		0303-6322548

FIXED CAMPS IN CHICHAWATNI

GOVT.GIRLS COMMUNITY SCHOOL 112/7-R

MORNING 8:00 AM. TO 3:00 PM.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Ezza Tariq	WMO BHU 112/7-R	Govt. Girls Community School, 112/7-R	0334-6899458
2	Manzoor Hussain	Dispenser BHU 112/7-R		0300-4860280
3	Abida kouser	MW.BHU 112/7-R		0343-4135635
4	Imran ul Haq	Naib Qasid BHU 112/7-R		0302-6914810

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Muhammad Nadeem	MO BHU 162/9-L	Govt. Girls Community School, 112/7-R	03006919378
2	Saeed Anwer	Dispenser 164-A/9-L		0342-6392526
3	Nosheen Ashraf	LHV BHU 42/12-L		0321-7206759
4	Ghulam Ali	Naib Qasid BHU 53/12-L		0308-2471189

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Yaseen	Chief Tech. BHU 42/12-L	Govt. Girls Community School, 112/7-R	0347-7031558
2	Ulfat Hussain	Dispenser BHU 18/11-L		0346-0588264
3	Ayesha	M/W BHU 42/12-L		0305-2714682
4	Zainib	Naib Qasida BHU 42/12-L		0308-5501611

GOVT. GIRLS ELEMENTARY SCHOOL, SHAMS PURA OLD CHICHAWATNI

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Rabia Iftekhar	WMO BHU 115/12-L	Govt. Girls Elementary School, Shams Pura Old Chichawatni	0334-7571812
2	Aqib Ali	Dispenser 36/12-L		0306-4354978
3	Iqra Amjad	LHV BHU 111/12-L		0331-6232407
4	Salma	MW 115/12-L		0302-4921956
5	Muhammad Asif	Naib Qasid 115/12-L		0300-9557218

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Sajad Naveed	MO BHU 53/12-L	Govt. Girls Elementary School, Shams Pura Old Chichawatni	0322-7685749
2	Muhammad Akram	Dispenser 111/12-L		0334-7480483
3	Muhammad Shahid	Dispenser 36/12-L		0334-6880723
4	Sohail Akhtar	Naib Qasid 110/7-R		0300-6933836

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Asad Shakeel	MO BHU 111/12-L	Govt. Girls Elementary School, Shams Pura Old Chichawatni	0332-7491840
2	Ghulam Mustafa	Dispenser BHU 20/11-L		0302-7595804
3	Sobia Hassan	LHV BHU 20/11-L		0345-7888049
4	Muhammad Shahzad	Naib Qasid 20/11-L		0304-4281138

GOVT BOYS PRIMARY SCHOOL 107/7-R

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr. Abdul us Sattar	MO BHU 18 A/WM	Govt. Boys Primary School, 107/7-R	0302-5808944
2	Muhammad Khalid	Dispenser 107/7-R		0345-7198783
3	Shazia Kirn	LHV 107/7-R		0306-6241234
4	Pathan Bibi	M/W 107/7-R		0341-6967390
5	Naveed Akhtar	Naib Qasid 107/7-R		0321-7207719

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	OF	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Zahid Sarfraz		MO BHU 107/7-R	Govt. Boys Primary School, 107/7-R	0345-1166413
2	Abdul Rafey		Dispenser 110/7-R		0300-6937328
3	Rita Victar		Chief FMT 110/7R		0334-6232124
4	Asad Ullah		Naib Qasid 36/12-L		0304-9975388

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Ammarah Khaliq	WMO BHU 5/11-L	Govt. Boys Primary School, 107/7-R	0347-5759605
2	Israr Raza	Dispenser BHU 5/11-L		0305-7149656
3	Rida Rafique	LHV BHU 5/11-L		03067544378
4	Muhammad Shabbir	Naib Qasid BHU 5/11-L		0301-6906201

GOVT. PRIMARY SCHOOL 108/7-R

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Maryum Saddiq	WMO BHU 169/9-L	Govt. Primary School, 108/7-R	0307-6582015
2	Muhammad Adnan	Dispenser BHU 50/12-L		0300-8141374
3	Anees Bano	M/W.RHC. 8/11-L		0300-6932784
4	Muhammad Amin	S/W 107/7-R		0348-6795031

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Nabeel ur Rehman	MO.BHU.117/7-DR	Govt. Primary School, 108/7-R	0333-8496313
2	Muhammad Farooq	Dispenser BHU. 162/9-L		0304-4799302
3	Shajeela Jozaf	LHV.BHU.18-A/WM		0348-6795031
4	Ali Muhammad	S/W. BHU.176/9-L		0306-6903984

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Muhammad Imran	MO. RHC Kassowal	Govt. Primary School, 108/7-R	0300-6906806
2	Hafeez-Ullah	Dispenser 107/7-R		0346-7981229
3	Anjum Tufeeq	MW. SHC 4/14-L,Kassowal		0307-1959685
4	Muhammad Yuonas	Cook RHC 8/11-L		0301-7989164

GOVT. GIRLS ELEMENTARY SCHOOL 119/7D-R

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Ehsan	MO RHC Kassowal	Govt. Girls Elementary School, 119/7D-R	0304-9855442
2	Amjad Hussain	Dispenser 117/7D-R		0300-6938602
3	Asma Shaheen	LHV 36/12-L		0345-7462627
4	Nazir Fatima	Dai 16/14-L		0306-8619743
5	Aslam Hussain	Naib Qasid 117/7D-R		0331-7416246

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Zafar Iqbal	Chief Tech.18 A/WM	Govt. Girls Elementary School, 119/7D-R	0301-6910876
2	Muhammad Asif	Dispenser RHC Kassowal		0345-7191798 PP
3	Saba Nawaz	MW. RHC Kassowal		0343-1052586
4	Moh. Shahbaz	Naib Qasid RHC Kassowal		0315-6382283

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mazhar Iqbal	Dispenser BHU 11/14-L	Govt. Girls Elementary School, 119/7D-R	0312-6183945
2	Muhammad Ejaz	Dispenser RHC Kassowal		0336-7480406 PP
3	Muhammad Rafique	Naib Qasid RHC Kassowal		0322-9701012
4	Aneela Aqeel	LHV. BHU 16/14-L		0333-7611183

GOVT. GIRLS MIDDLE SCHOOL 120/7E-R

MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Akbar Sherazi	MO.RHC. 8/11-L	Govt. Girls Middle School, 120/7E-R	0305-5815833
2	Nazir Ahmad	Dispenser 39/14-L		0343-8752522
3	Robina Hameed	LHV. BHU. 100/12-L		0334-7804817
4	Nargis Bibi	Dai RHC Kassowal		0336-7492571
5	Munir Ahmad	Naib Qasid 39/14-L		0331-4311067

EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Muhammad Ahmad Raza	MO.RHC. 8/11-L	Govt. Girls Middle School, 120/7E-R	0308-6385124
2	Shahid Mehmood	Dispenser RHC 36/12-L		0300-3169356
3	Saima Shaheen	LHV 90/12-L		0305-7335068
4 *	Rashid Ali	Naib Qasid TMA Dispensary ,Ahmad Nagar Chichawatni		0340-7101431

NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Hamza Nazir	MO. RHC. 8/11-L	Govt. Girls Middle School, 120/7E-R	0304-7459879
2	Irshad Ali	Dispenser RHC 45/12-L		0302-6536808
3	Hanifa Bibi	Dai RHC Ghaziabad		0306-5114924
4	Muhammad Ramzan	Cook RHC Ghaziabad		0345-2056880

MOBILE TEAMS TEHSIL SAHIWAL (05)

1. FLOOD SECTOR NOORSHAH

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4494	Dr. Aiza Mukhtar WMO	BHU 50/GD	0336-1693974
2		Sajjad Hameed, Dispenser	BHU 50/G-D	0300-7957050
3		Zarina Bibi, LHV	BHU 50/G-D	0345-1140475
4		Mazhar Iqbal, Driver	RHC Noorshah	0345-7425363

2. FLOOD SECTOR MUHAMMAD PUR

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	GH-987	Dr.Tahir Siraj, MO	BHU 103/9-L	0300-6927209
2		Allah Rakha Shahid HT.	BHU 103/9-L	0300-9696847
3		Farhana Sarwar, LHV	BHU 103/9-L	0333-6997925
4		Zafar, Rashid Driver	BHU 103/9-L	0304-3535170

3. FLOOD SECTOR 58/G-D

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	Gh-412	Dr.Fatima Saleem WMO	BHU 89/6-R	0310-8822488
2		Muhammad Luqman, Dispenser3	BHU 89/6-R	0343-6807987
3		Tayyba LHV	BHU 89/6-R	0301-6596403
4		Muhammad Javed Tabasum, Driver	BHU 89/6-R	0343-7930091

4. FLOOD SECTOR Harappa

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	SLF-9467	Dr. Naila Ramzan WMO	BHU 92/6-R	0324-4628888
2		Muhammad Arshad Disp.	BHU 132/9-L	030-2655135
3		Rifat Raza, LHV	RHC Harappa	0308-7643810
4		Muhammad Rafique , Driver	RHC Harappa	0301-6920297

5. FLOOD SECTOR Mirdad Mafi

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4457	Dr.Zainab Iqbal WMO	BHU 132/9-L	0322-7074616
2		Maqbool Ahmad Disp.	BHU 1/10-L	0302-7893966
3		Robina Qasim, LHV	BHU 1/10-L	0300-6900593
4		Irfan Ali Driver	BHU 132/9-L	0304-9886232

MOBILE TEAMS TEHSIL CHICHAWATNI (06)

1. FLOOD SECTOR 112/7-R

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4385	Dr.Jahanzaib MO.	THQ Chichawatni	0301-7366636
2		Muhammad Amir, Dispenser	THQ Chichawatni	0300-9699783
3		Sanam Fakhra, LHV	THQ Chichawatni	0333-6929385
4		Wahid Mukhtar, Driver	THQ Chichawatni	0300-3918035

2. FLOOD SECTOR OLD CHICHAWATNI

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4673	Dr.Hamaad ul Islam MO	THQ Chichawatni	0333-6905451
2		Shahid Mehmood Disp	BHU 36/12-L	0334-6880723
3		Farrah Bashir LHS	RHC Ghaziabad	0332-6038947
4		Sajdain Javed Driver	RHC Ghaziabad	0343-7020759

3. FLOOD SECTOR 107/7.R

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4425	Dr.Haider Ali MO	RHC 45/12.L	0334-7887958
2		Ghulam Hussain Disp	RHC 45/2.L	0321-7203445
3		Kousar Parveen LHV	RHC 45/12.L	0300-9722346
4		Afzaal Driver	RHC 45/12.L	0302-3145332

4. FLOOD SECTOR 108/7.R

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4624	Dr.Eman Nadeem WMO	RHC 8/11.L	0322-7078906
2		Tariq Mahmood Tracer	RHC 8/11.L	03328872859
3		Ayesha Gulzar LHV	RHC 8/11.L	03217096906
4		Naveed Mashi Driver	RHC 8/11.L	0301-6903012

5. FLOOD SECTOR 119/7.DR

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	LEG-4810	Dr.Ejaz Choudhary SMO	RHC 96/12.L	0345-5591753
2		Khalid Mahmood,Disp	RHC 96/12.L	0302-6512087
3		Razia Bano, LHV	RHC 96/12.L	0341-8731368
4		Tanveer Afzal, Driver	RHC 11/14.L	0300-7785776

6. FLOOD SECTOR 120/7ER

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
1	GH-975	Dr.Hasnain MO	RHC Kassowal	0333-6930182
2		Muhammad Asghar Disp	RHC Kassowal	0345-7446336
3		Saima Beenash LHV	RHC Kassowal	0321-8833046
4		Muhammad Rafique Driver	RHC Kassowal	0301-7811314

WORK PLAN

S. No	Activity	Time Line	Responsibility
1.	Finalisation and Submission of District Contingency Plan for Monsoon 2020 to Directorate	30 th April	CEO(H)
2.	Notification of District Coordination Team	1 st June	CEO(H)
3.	Initiation of regular meetings of District Coordination Teams	1 st week of June	CEO(H)
4.	Arrangement of Deficient Stocks of logistics/Supplies	15 th June	CEO(H)
5.	Mapping of local NGOs / CBOs that can be helpful during any emergency	2 nd Week of June	CEO(H)
6.	Pre-positioning of Reserve Stocks at Designated Points/Health Facilities	20 th June	DHO/DDHO
7.	Initiation of regular meetings of District Coordination Teams	First week of June	CEO(H)
8.	Orientation Training of Staff on disease reporting, etc.	2 nd week of June	CEO(H)
9.	Dry run rehearsal	3 rd week of June	CEO(H)
10.	Review of Preparations	4 th week of June	CEO(H)
11.	Activation of District ERT and Control Room	1 st July	CEO(H)
12.	Disease Reporting on Weekly Basis	Immediate	CDCO
13.	Switching over to Daily Reporting Mode	On declaration of flood emergency	CDCO

DISEASE SURVEILLANCE AND EPIDEMIC RESPONSE:

At the same time exiting reporting will be immediately converted to Daily Mode to timely detect and respond to epidemic. The District Epidemic Response Team (DERT) will comprise of DHO, District Pathologist, Medical Specialist, Paediatrician and District Surveillance Coordinator. The Disease Surveillance reports will be submitted to Provincial Flood Cell, at the office of DGHS Punjab, Regional Epidemic Response Cells at Medical Colleges, Regional Hubs for flood relief if any established through preferably email or otherwise fax to ensure earliest dissemination of report. At the same time Rapid Assessment for damages will remain an on-going process under close supervision of District Health & Nutrition Coordination Team.

REVENUE DEPARTMENT (SAHIWAL)

ASSIGNED DUTIES OF REVENUE DEPARTMENT OFFICIALS

Sr. #	Sector	Name of Flood Relief Center / Camp	Name of Officer / Official along with Cell No.	Designation
1	Noor Shah	Govt. High School Noor Shah	Bilal Ahmad Shah, 0301-6938992	Revenue Officer
			Muhammad Riaz 0300-7607694	Kanoongo
			Muhammad Bashir 0300.7838752	Patwari
2	Muhammad Pur	Govt. High School, Muhammad Pur	Rai Muhammad Yaseen, 0300-8570154	Revenue Officer
			Muhammad Hayat 0301-7671836	Kanoongo
			Muhammad Ilyas 0300-6902243	Patwari
3		Govt. High School, 58/GD	Rao Shakeel Alam 0300-8737277	Tehsildar
			Muhammad Riaz 0300-9693926	Kanoongo
			Ijaz Ahmad 0308-6536158	Patwari
4	Harappa	Govt. High School, Harappa	Muhammad Nadeem 0321-4290822	Revenue Officer
			Muhammad Bashir 0302-6900787	Kanoongo
			Iqbal Gondal 0306-6849640	Patwari
5		Govt. High School, Meer Dad Mafi	Rana Rab Nawaz 0345-7112666	Revenue Officer
			Zakir Hussain 0300.9696759	Kanoongo
			Sajjad Ahmad 0301-7890934	Patwari

REVENUE DEPARTMENT (CHICHAWATNI)

Tehsil Chichawatni has been divided into 03 sectors, i.e Dadfatiana, Chichawatni and Kassowal. Two relief camps have been planned in each sector and two officials have been deployed at each relief camp. Representatives of all other concerned departments will be associated as soon as flood warning is received from the higher authorities and relief camps are mad functional physically.

Sr. No.	Sector	Name of Flood Relief Centre/ Camp	Name of Officials
1	Chichawatni	Govt. Girls Community School 112/7R	Ghulam Ghaus Dastagir 0302-7865578 Muhammad Ashraf Patwari 0346-7982864
		Govt. High School for Boys Tiba Noor Pur Purani Chichawatni	Akhtar Javed Anjum 0300-6902194 Muhammad Saeed Patwari 0345-7460882
2	Dadfatiana	Govt. Boys High School, Murad K Kathia	Javed Mehmood, NTO 0301-7507912 Muhammad Saleem Patwari 0300-9697673
		Govt. Primary School, 108/7R	Ghulam Mustafa, KGO 0300-4939993 Muhammad Saddique Patwari 0300-7536568
3	Kassowal	Govt. Girls Elem School, 119/7DR	Aish Bahadur, NTO 03007954950 Waheed Akhtar Patwari 0300-8699714
		Govt. Girls Middle School, 120/7ER	Abdul Rasheed, KGO 0308-1691947 Abdul Ghafoor Patwari 0345-7446839

AGRICULTURE DEPARTMENT

Farming community in the flood prone areas are guided / educated through Farmer training meetings as under:

- To secure seed, fertilizer, tools, implements and farm machinery etc. at safer places.
- To make safety measures for tube-well boring and engine.
- To secure bhoosa and dry fodders at safer places.
- To promote water loving crops in and around river beds and flood plains.
- Promotion of Sugarcane and Rice in riverside areas having maximum chances of flood water movement rather than Cotton.
- Crops may be sown on ridges/beds. The crops sown on ridges and beds area less affected as compared to flat sown crops.
- Drainage system at farm level may be improved.
- Small Water reservoirs construction at farm level may be improved.
- On one side of the field of Cotton and Vegetable crop, Rice, Sugarcane and Fodder Crops should be grown so that excess rain water from Cotton and Vegetable crops could be drained to water loving crops.

The detail of requisite measures to be taken up for flood, 2022 is as under:

Area likely to be affected by Flood in Sahiwal District is as follow:

- | | |
|------------------------|------------------|
| 1 Noor Shah. | 2. Muhammad Pur. |
| 3.Harappa. | 4. 58/G.D. |
| 5. MirdadMuafi. | 6.Dad Fatiana. |
| 7. Purani Chichawatni. | 8. Kassowal. |

For effective management of flood, these areas have been divided into two Sub-Divisions and Eight Sectors.

The name of Sub-Division Incharge and Sector Incharge along with supporting staff is given below:

Sub-Division Incharge

#	Name of Sub Division	Name of Officers / Officials	Cell No.
1	Sahiwal	Mr. Liaqat Ali, Assistant Director Agriculture (Ext.), Sahiwal.	0300-8755457
2	Chichawatni	Mr. Azhar Farooq Bhutta, Assistant Director Agriculture (Ext.), Chichawatni.	040-5486188 0333-6895513

ASSIGNED DUTIES OF AGRICULTURE DEPARTMENT OFFICIALS

Sr. No	Sector	Name of Official	Cell No.
1	Muhammad Pur	Pervaiz Akhtar Agriculture Officer (Ext.) Sahiwal	0343-6803930
2	Noor Shah	Ghulam Farid	0306-8398180
3	58/GD	Field Assistant Noor Shah	
4	Harappa	Muhammad Waqas Aziz	0344-6681498
5	Mirdad Mafi	Agriculture Officer (Ext.) Harrappa	
6	Murad K Kathia	Muhammad Aslam Field Assistant Chichawatni	0341-0928182
7	108/7-R	Hafeez Subhani	0341-0928176
8	Tibba Noor Pur	Field Assistant Chichawatni	
9	112/7-R		
10	119/7-R	Inam ul Haq Field Assistant Kassowal Akbar Ali Field Assistant Kassowal	0320-6481415 0341-0928196

RESPONSIBILITIES

#	Duties	Persons Responsible
1	Survey of Crops in River Belts.	Concerned Sector Incharge
2	Assessment of Damage to Crops by Flood.	Concerned Sector Incharge
3	Precautionary measures to save the Crops.	Concerned Sector Incharge

MAN POWER AVAILABLE

#	Points	Action By
1	Total No. of man power which can be deployed on duty during emergency.	15

CIVIL DEFENCE DEPARTMENT

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

SUPERVISION

Muhammad Abbas	Civil Defence Officer Sahiwal	Phone No.040-9200230 Cell No.0342-4206484
	Chief Instructor	Cell No. 0316-3338686
Ghulam Rabbani	Instructor	Cell No.0341-4925590
Mubashir Ali	Instructor in Sahiwal	Cell No.0304-3034840

RAZAKARS

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

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

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

DUTIES OF CIVIL DEFENCE RAZAKARS:

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

Activation of Warden Service.

Coordination with other disaster dealing agencies / departments

Collection / packing and distribution of food and relief goods for flood affected.

Duty at relief camps to assist administration.

To be the part of Rescue – cum- Debris clearance squad.

Any other duty assigned by Deputy Commissioner / Controller Civil Defence or by the Director Civil Defence Punjab.

FOOD DEPARTMENT

The following Centres have been established since long near River Ravi.

Sr. No	Name of Centre	Distance from River (KM)	Name of River
1	Noor Shah	10	Ravi
2	119/7-R	4	Ravi

- Flood water never hit this area in the last 12 years. However, the following arrangements will be made against flood.
- Ample quantity of Kit Caps in good conditions will be provided at the centres.
- Sufficient gunji kits and polythene caps will be provided at the centres.
- Water channels will be dug out for drainage of water.
- Peter pump will be arranged for effective and prompt drainage of water.
- Protective bunds will be constructed by the centre staff around the storage area. The centre staff has also been directed to make arrangements for tree branches and sand filled PP Thellas for erecting further protection around the wheat stocks.
- Close and constant liaison will be made with the district administration to cater unwanted situation.
- Mr. Muhammad Muzammal AFC has been nominated as Focal Person of Food Department District Sahiwal.
- Flood Control Room will be established.
- M/s Al-Hamad Flour Mills of Tehsil Sahiwal and New Capital Flour Mills of Tehsil Chichwatni will provide the flour bags in flood camps if required.
- All the humanly possible efforts will be made for protection of Government wheat stocks.

DISTRICT CONCIL SAHIWAL

LIST OF MACHINERY DISTRICT COUNCIL SAHIWAL

Sr. No	Name of Machinery	No. of Machinery
1	Sucker Machine	1
2	Jetter Machine	1
3	Dewatering Sets	2
4	Tractors	2
5	Trolleys	1
6	Water Bowzer	2

Above mentioned machinery is functional and will available in every situation.

District Education Authority

EMERGENCY OFFICE (RESCUE 1122)

Punjab Emergency Service Department (Rescue 1122) Sahiwal has made arrangements for evacuation and rescue activities during monsoon / flood season.

All the fully equipped vehicles with appropriate staff including Ambulances, Motorbike Ambulances, Fire vehicles, Rescue vehicles and Boats have been put on “**High Alert**” during rainy season. A trained water rescue team has been established to save the precious lives and property during monsoon/flood season as per attached schedule.

DEPLOYMENT OF FULLY EQUIPPED VEHICLES

Emergency Vehicles	Duty Station	Supervisor	
SLA-03 (Ambulance)	Central Rescue Station, Sahiwal	<ul style="list-style-type: none"> • Abdur Razzaq (RSO) (0321-5355851) • Sajjad Akbar Dyal (SC) (0344-6819200) • M. Rashid Turab (SC) (0306-6450087) 	
SLA-04 (Ambulance)			
SLA-06 (Ambulance)			
SLA-08 (Ambulance)			
SLA-09 (Ambulance)			
SLA-10 (Ambulance)			
SLA-14 (Ambulance)			
SLA-16 (Ambulance)			
SLF-01 (Fire Vehicle)			
SLF-02 (Fire Vehicle)			
SLF-04 (Fire Vehicle)			
SLF-05 (Water Bouser)			
SLR-01 (Rescue Vehicle)			
SLR-01 (Recovery Vehicle)			
CWA-04 (Ambulance)			
SLA-05 (Ambulance)			RHC, Kameer
SLA-11 (Ambulance)	RHC, Harrappa		
CWA-01 (Ambulance)	Rescue Station, Chichawatni	<ul style="list-style-type: none"> • Mian Mohsin Rasheed (SC) (0333-7273007) 	
CWA 02 (Ambulance)			
CWA 03 (Ambulance)			
SLA-07 (Ambulance)			

SLF-03 (Fire Vehicle)		
CWR-01 (Rescue Vehicle)		
SLA-12 (Ambulance)		
General Duty Van	Central Rescue Station, Sahiwal (for logistic support, Transportation & Backup)	<ul style="list-style-type: none"> • Fakhar Abbas Bhatti (Sr. Acct.) 0301-6922804 • Asif Riaz (SSK) 0300-6908515

EMERGENCY RESCUE POST STAFF (TEHSIL SAHIWAL)

Total Rescue Posts: 06

Rescue Post: 01

Total Staff: 02

Post Name	Staff	Designation	Location
RP-01	Zafar Iqbal Ghulam Sajjad	EMT FR	DAD BOLOCH

Rescue Post: 02

Total Staff: 02

Post Name	Staff	Designation	Location
RP-02	Abdul Sattar Waheed Sahi	FR FR	KORE SHAH ZARIN

Rescue Post: 03

Total Staff: 02

Post Name	Staff	Designation	Location
RP-03	Sarfraz Ahmed Aslam Khan	EMT FR	NATHO WASLI

Rescue Post: 04

Total Staff: 02

Post Name	Staff	Designation	Location
RP-04	Amir Farooq Abdul Aziz	EMT FR	DADRA BALA

Rescue Post: 05

Total Staff: 02

Post Name	Staff	Designation	Location
------------------	--------------	--------------------	-----------------

RP-05	Nizam-ud-Din Shakeel Ahmed	FDR FR	HARRAPA
--------------	---------------------------------------	-------------------	----------------

Rescue Post: 06

Total Staff: 02

Post Name	Staff	Designation	Location
RP-06	Sher Muhammad Abid Ali	SK NQ	will be deputed as and where required

EMERGENCY RESCUE POST STAFF (TEHSIL CHICHAWATNI)

Total Rescue Posts: 03

Total Staff: 06

Post Name	Staff	Designation	Location
Rescue Post-01	Zafar Iqbal Abdul Salam	FR DR	119/7DR
Rescue Post-02	M. Imran Naveed Asghar	CTWO FR	SHAIKH TAYYAB
Rescue Post-03	Khan Zaman Usman Amjad	DR LTV	MURAD KE KATHIYA

- *Staff shall be adjusted as and where required.*

WATER RESCUE TEAM

Sr. No.	Name	Designation
1	Sajjad Akbar Dyal	SC
2	Mian Mohsin Rasheed	SC
3	Naveed Ahmad	SI
4	Hafiz M. Sajid	SI
5	Ali Shar	LFR
6	M. Asif	LFR
7	M. Yaqoob	DR
8	Khalil Ahmad	DR
9	M. Zahid Sharif	DR
10	Shahid Ali	DR
11	Asif Maqsood	FR
12	Junaid Ahmad	FR
13	Waheed Ahmad Sahi	FR
14	Iftikhar Ahmad	LTV
15	Bashir Ahmad	LTV

SUPPORTING/BACKUP STAFF OF SAHIWAL

Sr. No.	Name	Designation
1	Fakhar Abbas	Senior Accountant
2	Shahid Qamar	TMI
3	Waseem Iqbal	Accountant
4	M. Farooq	CO/DMC
5	M. Azam	CO/DMC
6	M. Nasrullah	SI
7	Muhammad Abid	LFR
8	M. Asghar	OCO
9	Prince Rizwan	OCO
10	Nazar Abbas	CTWO
11	Wasim Akhtar	CTWO
12	Amir Shehzad	CTWO

13	Irfan Asghar	CTWO
14	Shan-e-Islam	CTWO
15	M. Shahbaz	EMT
16	Ejaz Ahmed	EMT
17	Basharat Ali	EMT
18	M. Ameen	DR
19	Abdul Hannan	MT
20	Arslan Irshad	FR
21	Tahir Naseem	FR
27	Imran Aslam	FR
28	Usman Zia	FR
29	Sabtain Raza	FR
30	Sajid Ali	FDR
31	Imran Shah	ET
32	Ali Raza	DR
33	Asif Riaz	SSK
34	Abdul Naveed	AE
35	Syed Sajjad Shah	LTV
36	Naveed Azam	LTV
37	Arif Zaman	NQ
38	Iftikhar Ali	NQ
39	Asif Bashir	FW
40	Amir Hussain	SW
41	M. Sajid	SW
42	M. Ashfaq	SW
43	M. Yousaf	SW
44	Mureed Hussain	SW
<u>SUPPORTING/BACKUP STAFF OF CHICHAWATNI</u>		
1	Kamran Raza Safdar	FR
2	Altaf Hussain	EMT
3	M. Majeed	LTV
4	Rashid Nisar	LTV
5	Asif Bashir	FW
6	Javed Khokhar	SW

UPDATED FLOOD PREPARATION EQUIPMENTS / RESOURCES

Sr. No.	Resources / Equipments	Available
1	Human Resource Sahiwal	362
2	Ambulances for Emergency Management Service	07
3	Ambulances for Patient Transport Service	09
4	Motorbike Ambulances	54
5	Fire Brigade Vehicles	04
6	Water Bowser	01
7	Rescue Vehicles	02
8	Recovery Vehicle	01
9	Boats	07
10	Rubber/Inflatable Boats	02
11	OBM	12
12	OARS	16
13	Life Jackets	134
14	Life Rings	140
15	SCUBA Diving Suit with complete accessories	04
16	First Aid Kits (Bags)	49
17	Safety Harnesses	03
18	Hydraulic Cutter	01
19	Tent	230
20	Rescue Repelling Rope 9MM	03
21	Generator with light stand Set 5-KVA	01

SOCIAL WELFARE & BAIT UL MAAL DEPARTMENT

Focal Persons	Relief Centre	Relief Camp	Officer/ Officials	Name of NGOs	Name of NGOs Reprehensive with Contact	Philanthropist/ Aid giving agencies	No. Volunteers	No. of Blood Donors	No. of Swimmers
Nameem Gulzar (Social Welfare Officers, UCDP, Sahiwal)	Sahiwal	Sahiwal	1. Nameem Gulzar (Social Welfare Officer, UCDP, Sahiwal) 2. Zeeshan Ashraf (Junior Clerk UCDP, Sahiwal)	1. Social Development Organization 2. Rah e Haq Welfare Foundation 3. Rahimia Welfare Society 4. Insan Dost Association 5. Ali Garh Welfare Society 6. Noor Welfare Foundation 7. Sharif Muhammad Welfare Society	1. Mr. Mujtaba Jamal 0300-6923942 2. Mr. Babar Sagheer 03216919656 3. Waqar Sarfaraz 03452228999 4. Anjum Raza Mattu 03009692790 5. Haider Ali Saleemi 03006936289 6. Irfan Kaliq 03026597402 7. Haji Aashiq 03066913242		35	35	Nil

EDUCATION DEPARTMENT

Sr. No	School Name	Primary/Middle/ High	GPS Coordinates	Functional/ Non-Functional	Enrolment	Incharge Name	Contact Name
1	GHS Karam Bloch	High		Functional	240	Abrar Hussain	0313-7745665
2	GHS Murad K Kathia	High		Functional	228	Mazhar Fared	03457428224
3	GHS CCI Village	High		Functional	576	Qazi Iftikhar Ahmad	03006900360
4	GHS Sheikh Tayyab	High		Functional	656	Iran Ullah Farooq	03216878818
5	GHS 110/7R	High		Functional	659	Muhammad Younas	03006309506
6	GGHS 18 B/7 R	High		Functional	443	Qismat Khurshid	03457462736
7	GPS Meran Shah	Primary		Functional	346	Muhammad Yousaf	0345-7429904
8	GPS Dad Baloch	Primary		Functional	92	Kaleemullah	03087938165
9	GPS Toot Wala	Primary		Functional	110	Muhammad Muzammil	03143666459
10	GPS 26/1 Tukra	Primary		Functional	187	Farman Ali	03016525846
11	GPS Daadra Zeri	Primary		Functional	136	Abdul Ghafoor	03037800835
12	GPS Qutab Shah	Primary		Functional	138	Shafqat Ali	03007997097
13	GPS Nooran Shah	Primary		Functional	105	Ghulam Hussain	03216921569
14	GPS Koray Shah	Primary		Functional	57	Arfan Arshad	03006936831
15	GPS Dolla Zareen	Primary		Functional	167	Imran Arshad	
16	GPS Ahmed Bhaghela	Primary		Functional	50	Imran Haider	
17	GPS Bhonga Shahamand	Primary		Functional	95	Muhammad Altaf	
18	GPS Arazi Dad Sarang	Primary		Functional	58	Bahadar Ali	

IRRIGATION DEPARTMENT

DUTY ROSTER CHART FOR FLOOD FIGHTING PLAN OF

6–No. SOLID STONE STUDS IN KAURESHAH SECTION

S.#	Flood Situation	Officer/Official on Duty	Headquarter	Ty: W.C Estab:
1	Low Flood (40000 to 65000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Senior Sub Engineer, Kaureshah Section	Canal Colony Sahiwal. Kaureshah	-
2	Medium Flood (65000 to 90000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Senior Sub Engineer, Kaureshah Section	Kaureshah Mochiwala Dad Baloch	No. of Shift = 1 Mate = 1 Beldar = 6 (Reg: establishment Beldar only of Kaureshah Sec:)
3	High Flood (90000 to 135000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr:Sub Engineer, Kaureshah Section Muhammad Sajjid (0300-6917234) Snr: Sub Engineer, Sahiwal Section	Dadan Mochiwala Ara Tulla Dad Baloch	No. of Shift = 2 Mate = 1 Beldar = 12 (Reg: establishment Beldar only of Kaureshah Sec:)
4	Very High Flood (135000 – 180000)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Senior Sub Engineer, Kaureshah Section	Dadan Mochiwala Ara Tulla Dad Baloch	No. of Shift = 3 Mate = 2 Beldar = 24 (Reg: establishment Beldar only of Kaureshah Sec:)
5	Exceptionally High Flood (180000 and above)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr: Sub Engineer, Kaureshah Section Muhammad Sajjid (0300-6917234) Snr: Sub Engineer, Sahiwal Section	Dadan Mochiwala Dad Baloch	No. of Shift = 3 Mate = 2 Beldar = 24 (Reg: establishment Beldar only of Kaureshah & Sahiwal Sec :)

**DUTY ROSTER CHART FOR FLOOD FIGHTING PLAN OF
AURANGABAD GUNDA BUND RD. 0-6750**

S.#	Flood Situation	Officer/Official on Duty	Headquarter	Ty: W.C Estab:
1	Low Flood (40000 to 65000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr: Sub Engineer, Kaureshah Section	Canal Colony Sahiwal. Aurangabad Gunda Bund	-
2	Medium Flood (65000 to 90000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr: Sub Engineer, Kaureshah Section	Kaureshah Aurangabad Gunda Bund	No. of Shift = 1 Mate = 1 Beldar = 2
3	High Flood (90000 to 135000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Sub Engineer, Kaureshah Section	Aurangabad Gunda Bund	No. of Shift = 2 Beldar = 4 (Reg: establishment Beldar only of Kaureshah Sec:)
4	Very High Flood (135000 – 180000)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr: Sub Engineer, Kaureshah Section	Aurangabad Gunda Bund	No. of Shift = 3 Beldar = 6 (Reg: establishment Beldar only of Kaureshah Sec:)
5	Exceptionally High Flood (180000 and above)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327) Snr: Sub Engineer, Kaureshah Section	Aurangabad Gunda Bund	No. of Shift = 3 Beldar = 6 (Reg: establishment Beldar only of Kaureshah Sec:)

**DUTY ROSTER CHART FOR FLOOD FIGHTING PLAN OF
PROTECTING 5-R BHAWANI MINOR & VILLAGE DULLA ZAREEN
AGAINST EROSION BY RIVER RAVI IN DISTRICT SAHIWAL
(Guide Spurs Dulla Zareen)**

S.#	Flood Situation	Officer/Official on Duty	Headquarter	Ty: W.C Estab:
1	Low Flood (40000 to 65000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal. Nazir Ahmad Bhatti (0333-6493327 Snr: Sub Engineer, Kaureshah Section	Canal Colony Sahiwal. Dulla Zareen	-
2	Medium Flood (65000 to 90000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal. Nazir Ahmad Bhatti (0333-6493327 Snr:Sub Engineer, Kaureshah Section	Dulla Zareen	No. of Shift 1 Beldar = 2
3	High Flood (90000 to 135000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal. Muhammad Bilal (0303-6704717) Sub Engineer, Ballewala Section Nazir Ahmad Bhatti (0333-6493327 Snr:Sub Engineer, Kaureshah Section	Dulla Zareen	No. of Shift = 2 Beldar = 4
4	Very High Flood (135000 – 180000)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr:Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234 Snr: Sub Engineer, Sahiwal Section.	Dulla Zareen	No. of Shift = 3 Beldar = 6
5	Exceptionally High Flood (180000 and above)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr:Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234 Snr:Sub Engineer, Sahiwal Section.	Dulla Zareen	No. of Shift = 3 Beldar = 6

**DUTY ROSTER CHART FOR FLOOD FIGHTING PLAN OF
J-HEAD SPUR ARA TULLA**

S.#	Flood Situation	Officer/Official on Duty	Headquarter	Ty: W.C Estab:
1	Low Flood (40000 to 65000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal. Nazir Ahmad Bhatti (0333-6493327 Snr:Sub Engineer, Kaureshah Section	Canal Colony Sahiwal.	-
2	Medium Flood (65000 to 90000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr: Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234) Snr: Sub Engineer, Sahiwal Section	Muhammad Pur Muhammad Pur Muhammad Pur	No. of Shift 1 Beldar Shift 2
3	High Flood (90000 to 135000 CS :)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr: Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234) Snr: Sub Engineer, Sahiwal Section	Ara Tulla Ara Tulla Ara Tulla	No. of Shift 2 Beldar 4
4	Very High Flood (135000 – 180000)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr: Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234) Snr: Sub Engineer, Sahiwal Section	Ara Tulla Ara Tulla Ara Tulla	No. of Shift 3 Beldar 6
5	Exceptionally High Flood (180000 and above)	Javid Asif (0322-8965134) S.D.O/Sahiwal Nazir Ahmad Bhatti (0333-6493327 Snr: Sub Engineer, Kaureshah Section Mirza Sajjid (0300-6917234) Snr:Sub Engineer, Sahiwal Section	Ara Tulla Ara Tulla Ara Tulla	No. of Shift 3 Beldar 6

**DUTY ROSTER CHART FOR FLOOD FIGHTING PLAN OF
J-HEAD SPUR DADRA BALA AND PROTECTION OF EMBANKMENT**

S.#	Flood Situation	Officer/Official on Duty	Headquarter	Ty: W.C Estab:
1	Low Flood (40000 to 65000 CS :)	Musfira Nadeem (0307-7733018) S.D.O/Ganjibar Muhammad Idrees (0301-6900626) Sub Engineer, Khulwala Section	Canal Colony Sahiwal/Ganjibar Dadra Bala	-
2	Medium Flood (65000 to 90000 CS :)	Musfira Nadeem (0307-7733018) S.D.O/Ganjibar Muhammad Idrees (0301-6900626) Sub Engineer, Kaureshah Section.	Muhammad Pur Muhammad Pur Muhammad Pur	No. of Shift 1 Beldar 2+2 = 4
3	High Flood (90000 to 135000 CS :)	Musfira Nadeem (0307-7733018) S.D.O/Ganjibar Mr. Tahir Khan (0302-6900809) Sub Engineer, Naiwala Section Muhammad Idrees (0301-6900626) Sub Engineer, Khulwala Section	Khulwala Dadra Bala	No. of Shift 2 Beldar Shift 4+4= 8
4	Very High Flood (135000 – 180000)	Musfira Nadeem (0307-7733018) S.D.O/ Ganjibar Mr. Tahir Khan (0302-6900809) Sub Engineer, Naiwala Section Muhammad Idrees (0301-6900626) Sub Engineer, Khulwala Section	Dadra Bala Dadra Bala Dadra Bala	No. of Shift 3 Beldar Shift 6+6=12
5	Exceptionally High Flood (180000 and above)	Musfira Nadeem (0307-7733018) S.D.O/ Ganjibar Mr. Tahir Khan (0302-6900809) Sub Engineer, Naiwala Section Muhammad Idrees (0301-6900626) Sub Engineer, Khulwala Section	Dadra Bala Dadra Bala Dadra Bala	No. of Shift 3 Beldar Shift 6+6=12

EMERGENCY TELEPHONE NOS.

S.#	Name	Office	Residence	Mobile
IRRIGATION DEPARTMENT				
1.	Flood Cell, Irrigation Department, Lahore.	042-99212147	--	--
2.	Director Flood Lahore	042-99231614	--	--
3.	Flood Warning Centre, 46-Jail Road, Lahore	042-99205371	--	--
4.	Flood Emergency Cell, Irrigation Department, Lahore.	042-99212147	--	--
5.	Chief Engineer, D&F, Lahore Fax	042-99230602 042-99233551 042-99230731	-	--
6.	Chief Engineer Irrigation Sahiwal Zone Sahiwal	040-9200221	-	0300-8416196
7.	Superintending Engineer, LBDC: Circle Sahiwal	040-9200210	-	0300-5459697
8.	Executive Engineer, Sahiwal Division, LBDC: Sahiwal	040-9200222	-	0324-7575876
9.	Sub Division Officer, Sahiwal Sub Division, Sahiwal	-	-	0322-8965134
10.	Sub Engineer Kaureshah Section	-	-	0333-6493327
11.	Sub Division Officer, Ganjibar Sub Division, Naiwala	-	-	0307-7733018
12.	Sub Division Officer, Chichawatni Sub Division, Chichawatni	-	-	0303-7594262
13.	Sub Engineer, Khulwala Section	-	-	0301-6900626

Note: -

The above detailed work charge Establishment as well as any more work charge Establishment if warranted and will be employed by the Sub Divisional Officer, who will be the incharge of flood fighting operate at site with prior concurrence of Executive Engineer, Sahiwal LBDC:

LIVESTOCK DEPARTMENT

In order to combat the **FLOOD EMERGENCY 2022** and to protect the precious animals from the diseases, the following staff of the Department is deputed at the flood sectors established as in the past in Sahiwal District.

S#	Flood Sectors	Name of Vety: Officer (H) I/C Flood Sector With Contact Number.	Name of Vety: Assistant & Place of Posting.
1.	Noor Shah	Dr. Umer Farooq, VO, CVD, Karyal 0343-8120565	Mr. Ehtasham Bashir, VA CVH, Noor Shah
			Mr. Farzand Ali, VA CVH, Noor Shah
			Mr. Muhammad Ashraf, VA CVD, 48/GD
2.	Qutab Shahana	Dr. Muhammad Noman, VO, CVD, 69/4-R 0301-3578407	Mr. Abu Bakar, VA CVD 60-61/GD
			Mr. Ghulam Nabi, VA CVD, 58/GD
3.	Muhammad Pur	Dr. Usama Hassan Afzal, VO, CVD, Muhammad Pur 0300-6529090	Mr. Qasim Ali, VA CVD, 60-61/GD
			Mr. Muhammad Sarfraz Ali, VA CVD, Muhammad Pur
4.	Harappa	Dr. Nauman Khalid, VO, A.I Centre, Harappa 0335-0077048	Mr. Imran Sharif, VA CVD, Dadra Bala
			Mr. Shehbaz Aslam, VA CVH, Harappa
			Mr. Azhar Walayat, VA A.I Centre, Harappa
5.	Murad K Kathia Govt. Boys High School	Dr. Shehzad Ali, VO, CVD, 5/11-L 0304-6421194	Mr. Mehboob-ul-Hassan VA CVD 107/7-R
			Mr. Muhammad Afzaal VA CVD 110/7-R
			Mr. Muhammad Irfan Akram, AIT CVD 107/7-R
6.	Purani Chichawatni Govt. High School	Dr. Shoaib Irshad, VO, CVD 36/12-L 0333-0303757	Mr. Bilal Ahmad, VA CVD 110/7-R
			Mr. Waheed Ahmad, VA CVD 16/11-L
			Mr. Munir Ahmad, AIT CVD 110/7-R
7.	112/7-R	Dr. Kasif Saddique, VO, CVD, 120/13-AL 0300-7996078	Mr. Waris Khan, VA CVD 112/7-R
			Mr. Ahmad Yar, AIT CVD 112/7-R
8.	Daduana	Dr. Mushtaq Ahmad, VO, CVD, 39/14-L 0336-6942877	Mr. Zahid-ur-Rehman, VA CVD 39/14-L
			Mr. Muhammad Ashraf, VA CVD 120/13-AL
			Mr. Muhammad Sharif, AIT CVD 39/14-L

MAIN STAKEHOLDERS/ DEPARTMENTS

CONTACT LIST

Sr. No.	Name	Department /division/ District	Designation	Telephone Nos.		Mobile No.
				Office	Residence	
1	Ali Bahadar Qazi		Commissioner	9200491	9200499	03040920056
2	Shafique Ahmad Doger	-	Addl. Commissioner	9200296	-	03004512927
3	Ahmad Khawar Shahzad	-	Dir. Development & Finance	9200102	-	03007722336
4	Fazail Mudassar	-	AC Revenue	9200557	-	03166805291
5	Muhammad Awais Malik	-	Deputy Commissioner	9200060	-	0304920086
6	Asim Saleem	FOCAL PERSON	ADC(Revenue)	9200078	-	03336887728
7	Yasir Fareed	-	ADC(F&P)	9200075	-	03004121000
8	Nouman Afzal	-	ADC(G)	9200019	-	03336788234
9	Soulat Hayaat Watto	-	AC Sahiwal	9200110	-	03334453334
10	Zahoor Ahmed	-	AC Chichawatni	5480033	-	03006330422
11	Muhammad Saeed	-	AC (Head Quartor)	-	-	03014524572
12	Laba Masih Zeeshan	-	AC HR & CORD	-	-	03457505603
13	Zeeshan Ul Haq	-	SNA	9200069	-	03016922733
14	Muhammad Rizwan	-	GIS	9200069	-	03457449675
15	Wasaf Yaseen	-	Sectary DRTA Sahiwal	-	-	03054444988
16	Rao Shakeel	-	Tehsildar Sahiwal	-	-	03008737277
17	Ghulam Dastageer	-	Tehsildar Chichawatni	-	-	03027865578
18	Ray Yaseen	-	NT Sahiwal	-	-	03008570154
19	Bilal Shah	-	NT Sahiwal	-	-	03016938992
20	Rana Nadeem	-	NT Sahiwal	-	-	03214290822
21	Rana Rab Nawaz	-	NT Sahiwal	-	-	03008855666
22	Aesh Bahadar	-	NT Chichawatni	-	-	03007954950
23	Javeed Mehmood	-	NT Chichawatni	-	-	03017507912
24	Muhamad Abbas	-	Civil Defence Officer	9200230	-	03424206484
25	Muhammad Sadiq Baloch	-	DPO Sahiwal	9200051	-	03007482805
26	Ishtiaq Rasool	-	DO Special Branch Sahiwal	9330427	-	-
27	Dr. Khalid Abdullah	-	District Emergency Officer	9200106	-	03009443288
28	M. Naeem Babar	-	Control Room Incharge	9200109	-	03357391122
29	Abdul Razzaq	-	Rescue & Safety Officer	92001061	-	03215355851
30	Main Mohsin Rasheed	-	Station Coordinator	5482122	-	03337273007
31	Sajjad Akbar Dyal	-	Station Coordinator	9200106	-	03446819200
32	Rashid Turab	-	Station Coordinator	9200106	-	03066450087
33	Fakhar Abbas	-	Senior Accountant	9200106	-	03016922804
	Shahid Qamar	-	TMI	9200106	-	03463401122
34	Umer Abrar	-	Executive Engineer (Irrigation)	9200222	-	03247575876
35	Jawed Asif	-	SDO, (Irrigation Sahiwal)	--	-	03228965134
36	Masfira Nadeem	-	SDO Ganjibar	--	-	03077733018
37	Jawed Asif	-	SDO, CCI (Chichawatni)	--	-	03228965134

38	Nazir Ahmed Bhatti	-	Sub Engineer Kaureshah	--	-	03336919727
39	Muhammad Idrees	-	Sub. Eng. Khulwala	--	-	03016900626
40	Zahid Tufail	-	Sub. Eng. (Chichawatni)	--	-	03004049156
41	Dr. Luba Jabbar	-	Addl. Director Livestock Sahiwal	9200496	-	03018462266
42	Dr. Hafiz Abdul Rauf	-	Dy. Director Livestock Sahiwal	9200247	-	03438277920
43	Dr. Abdul Rehman	-	Dy. Director Livestock Chichawatni	--	-	03349839139
44	Azmat Ali Khan	-	Superintending Engineer (OP)	9200303	-	03028406132
45	Rao Mussawar Ali	-	Technical Officer (DDT)	--	-	03028406135
46	Zahid Qurban	-	DCM	9200304	-	03358881012
47	Qasar Jamal	-	SDO Training Center Swl	--	-	03028406136
48	Suneel Paul	-	SDO-AM (CSC)	9200305	-	03028406470
49	Dr. Kashif Bajwa	-	CEO Officer DHA Sahiwal	9200382	-	03334827468
50	Dr. Mushtaq Ahmed Sipra	-	DHO Officer (PS) DHA SWL	9200371	-	03009796290
51	Dr. Junaid	-	DM Office PHFMC Swl	4500193	-	03041927208
52	Dr. Amin Chisti	-	Dy. Distt. Officer (H) CCW	5483400	-	03336117604
53	Dr. Zahid Hussain	-	RHC 185/9L Acting SMO	--	-	03366929200
54	Dr. Waqas	-	RHC 120/9L Acting SMO	--	-	03006973565
55	Dr. Khizar Hayat Kathia	-	RHC Harappa SMO	--	-	03006938451
56	Dr. Umair	-	RHC Noor Shah Acting SMO	4469440	-	03350345335
57	Dr. Umair Sherazi	-	RHC 112/9L Acting SMO	-	-	03048175506
58	Dr. Imran	-	RHC Kassowal Acting SMO	-	-	03006906806
59	Dr. Arslan	-	RHC Ghaziabad SMO	-	-	03337536567
60	Muhammad Usman Gondal	-	Chief Officer	9200321	-	03036060551
61	Payam Ghani	-	Chief Officer Unit Chichawatni	5486878	-	03347803001
62	Hafiz Khalid Arshad	-	Chief Officer Unit Harappa	5484715	-	03006941481
63	Saad-Uz-Zaman	-	Chief Officer Unit Kameer	4306032	-	03338478633
64	Arshad Ali	-	Range Forest Officer	5486886	-	03006930203
65	Kashif Gujjar	-	Chief Officer	9200157	-	03179200157

MAJOR EMBANKMENTS/BUNDS

Name of Embankment	Length (km)	Starting Point (Mouza/Tehsil Name)	Ending Point (Mouza/Tehsil Name)	Name of Critical/vulnerable Points	GPS Location of Critical/ Vulnerable Points
J-head Spur Ara Tulla	2.06	Ara Tulla/Sahiwal	Ara Tulla /Sahiwal	-	Latitude: 30.67882 Longitude: 73.090275
J-head Spur Dadra Bala	0.81	Dadra Bala/Sahiwal	Dadra Bala/Sahiwal	-	-
Guide spur 1 st Dulla Zareen	0.24	Daula Zareen/Sahiwal	Daula Zareen /Sahiwal	-	
Guide spur 2 nd Dulla Zareen	0.32	Daula Zareen/Sahiwal	Daula Zareen/Sahiwal		

Guide spur Kareshah Zareen	0.58	Kareshah Zareen/Sahiwal	Kareshah Zareen/Sahiwal		
Guide spur	0.30	Nathus Wasli/Sahiwal	Nathus Wasli/Sahiwal		
Guide spur	0.15	Dad Baloch/Sahiwal	Dad Baloch/Sahiwal		
6 No. solid stone studs	0.18	New Daden Mochiwala/SWL	New Daden Mochiwala/SWL		
Gunda Bund	2.06	Aurangabad/Sahiwal	Aurangabad/Sahiwal		

EDUCATIONAL INSTITUTES

DISTRICT EDUCATION AUTHORITY SAHIWAL

Sr.No	School Name	Primary/ Middle/High	GPS Coordin ate	Functional/ Non Functional	In-charge Name	Contact No.
1	GHS DADRA BALA	High		Functional	GHULAM MUSTAFA	0300-3007908
2	GHS MURAD KE KATHIA	High		Functional	MUHAMMAD AMIN	0334-0033637
3	GPS AHMAD BAGHELA CCI	Primary		Functional	MUHAMMAD ALTAF	0301-7320530
4	GPS DADRA ZAREEN	Primary		Functional	ABDUL GHAFOR	0303-7800835
5	GES TULLA BHULLA	Elementary		Functional	ASIF MAHMOOD RAZA	0301-6901597
6	GPS NOORAN SANPAL	Primary		Functional	GHULAM HUSSAIN	0321-6921569
7	GGPS NOORAN SANPAL	Primary		Functional	AYESHA IQBAL	0334-7818534
8	GPS 26/1 TUKRA	Primary		Functional	MANZOOR AHMAD	0300-5049910
9	GPS NATHU DAD WASLI	Primary		Functional	MUHAMMAD SHAHID	0301-4454836
10	GPS KORAY SHAH ZAREEN	Primary		Functional	RANA ARFAN ARSHAD	0300-6936831
11	GGPS KORAY SHAH ZAREEN	Primary		Functional	FIZZA SHAKEEL	0333-9693187
12	GPS QUTAB SHAHANA	Primary		Functional	SHAFQAT ALI	0300-7997097
13	GPS DOLA ZAREEN	Primary		Functional	IMRAN HADIER	0300-6990119

POLITICAL CONSTITUENCIES

AANNEX IX: POLITICAL CONSTITUENCIES

National Constituencies				Provincial Constituencies			
Name of Constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number	Name of Constituency	Name of Sitting Parliamentarian	Portfolio	Contact Number
NA-148	Ch. Muhammad Ashraf	Nil	0300-6920028	PP200	Rana Riaz Ahmad		0301-6931500
NA-149	Rai Ali Murtaza Iqbal	Nil	0334-6223028	PP-201	Pir Samsam Ali Bukhari	Nil	0300-8110412
				PP-202	Malik Nouman Langrial		0336-0000230

ANNEXES

XI: DATA COLLECTION PERFORMAS

P1: House Damage Assessment

District: _____ Date: _____

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

P2: DECEASED PERSON REPORTING PERFORMA

District: _____ Date: _____

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

P3: INJURED PERSON REPORTING PERFORMA

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

P4: CATTLE HEAD PERISHED

District: _____ Date: _____

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

P5: CROP DAMAGES

District: _____

Date: _____

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

P6: RELIEF DISTRIBUTION TRACKING PERFORMA

District: _____

Date: _____

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

P7: PRIVATE MACHINERY (BOATS, BULLDOZERS, CRANES ETC.)

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

District: _____

Date: _____

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

P8: RELIEF CAMP REGISTRATION PERFORMA

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

District: _____

Date: _____

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

P9:NGOS REGISTRATION PERFORMA

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

District: _____

Date: _____

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

P10: CONTROL ROOM

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

District: _____ Focal Person: _____ Date: _____

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

ANNEX XII: CAMP MANAGEMENT SOPS

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

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

ANNEX XIII: FLOOD BUNDS

INFORMATION REGARDING FLOOD BUND CATEGORY A

SR: #	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
SARGODHA ZONE			
1	Rasul Head works Division	Right Guide Bund	2,121
2	-do-	Left Guide Bund	3,360
3	-do-	Right Guide Spur	2,762
4	-do-	Left Marginal Bund	17,170
	Total in feet.		25,413
	Total in Miles.		4.81
PMO BARRAGES			
1	Kalabagh H/Works Division	Jinnah Barrage	25,080
	Total in feet.		25,080
	Total in Miles.		4.75
FAISALABAD DIVISION			
1	Khanki Division	Left Marginal Bund	21,000
2	-do-	Right Marginal Bund	29,000
3	Jhang Division	Jhang Flood Protection Bund	43,875
4	Qadirabad Barrage Division	Left Marginal Bund	20,000
5	-do-	Right Marginal Bund	20,000
	Total in feet.		133,875
	Total in Miles.		25.36
BAHAWALPUR ZONE			
1	Punjad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000
	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-	Khargarh 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
<u>MULTAN ZONE</u>			
1	Trimmu Division	-do-	80,000
2	Suleimanki Division	-do-	50,000
3	Shujabad Canal Division	-do-	60,000
Total in feet.			190,000
Total in miles			35.98
<u>D.G. KHAN ZONE</u>			
1	Taunsa Barrage	-do-	80,000
2	Kot Adu Canal Division	-do-	90,000
3	Muzaffargarh Canal Division	-do-	180,000
4	River Diversion Division	-do-	80,000
5	Jampur Construction Division	-do-	140,000
6	D.G.Khan Construction Division	-do-	60,000
Total in feet.			630,000
Total in miles			119.32
<u>LBDC (IP)</u>			
1	Balloki Headworks Division	-do-	40,000
2	Okara Division	-do-	40,000
3	Sahiwal Division	-do-	20,000

	Total in feet.		100,000
	Total in miles		18.94
<u>LAHORE ZONE</u>			
1	Flood Bund Division Narowal	-do-	40,000
2	Pasrur Link Division Sialkot	-do-	10,000
3	Chakbandi Division	-do-	20,000
4	Marala Division UCC	-do-	50,000
5	Lahore Drainage Division	-do-	80,000
6	Kasur Division	-do-	80,000
7	Gujranwala UCC	-do-	100,000
8	Rachna Drainage	-do-	42,000
	Total in feet.		422,000
	Total in miles		79.92
<u>PMO BARRAGES</u>			
1	Jinnah Barrage	-do-	20,000
	Total in feet.		20,000
	Total in miles		3.79
	Grand Total (in miles)		350.76

ANNEX XIV: RIVER DISCHARGE RATES

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

ANNEX XV: LIST OF BASIC TERMS

ACCEPTABLE RISK

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

BIOLOGICAL HAZARD

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

CAPACITY

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

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

CAPACITY BUILDING

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

CLIMATE CHANGE

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

COPING CAPACITY

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

DISASTER

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

DISASTER RISK MANAGEMENT (DRM)

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

DISASTER RISK REDUCTION/DISASTER REDUCTION

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

EARLY WARNING

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

EMERGENCY MANAGEMENT

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

FORECAST

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

Geological hazard