



FLOOD CONTINGENCY PLAN 2025

District: BAHAWALPUR



Flood Mock Exercise



Flood Mock Exercise



Evacuation of Flood Effectees Bahawalpur



Road Traffic Accident & Fire Cases

Prepared by: DEPUTY COMMISSIONER, BAHAWALPUR

Approved by: DISTRICT DISASTER MANAGEMENT AUTHORITY,
BAHAWALPUR

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Earthquack

Estimated number of people at risk of earthquake



Risk: Medium

Flood

Estimated number of people at risk of Flood in 2025



Risk: Low

Epidemics

Estimated number of people at risk of epidemic in 2025



Risk: Medium

EXECUTIVE SUMMARY

This Disaster Management Plan has been developed on the template provided by the PDMA Punjab. It is designed for comprehensive disaster management within the district. It focuses on minimizing the effects of the hazards on local communities by ensuring the coordinated efforts in risk management within the community.

This plan has been designed around the Risk Management Standard, engaging the philosophy of a multi-agency, multi-sector approach to risk minimization. The plan identifies the risk environment for the district and outlines the key institutional and programming components relative to effective risk management and emergency response and recovery.

The plan is designed to enhance the capacity of all agencies to plan and respond to emergency situations more effectively. This is achieved through the combined processes of risk analysis, which provides a more realistic base of information upon which operational procedures take place.

AIMS 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);
- To strengthen and upgrade the early warning system and communication channel to implement the directives of the help lines of all the operation centres.
- To develop strategy and harmonious interaction of all the stakeholders to develop a viable front against any disastrous situation.
- To devise policies and procedures to upgrade the safety kits, technical, human and material resource etc. in all the risk areas of the district and lay out effective plan to extend the resource bank efficiently in times of disasters.
- To execute the preparedness agenda of drills and exercise on regular basis.
- To monitoring and evaluate the inventory both *qualitively* and quantitatively.
- To devise and activate chain of command and control centre for steering trigger mechanism.
- To develop the culture of prioritizing and adapting the risk safety measures amongst the society in the wake of any emergency.

DISTRICT PROFILE

Socio-Economic Indicators (Average)

PARAMETERS	NO.
Total Population	42,84,964 (2023) (4.2 million)
Total Area in sq.kms	24830 sq km
No. of Tehsils	06
No. of Union councils	109
No. of Revenue Estates	714
Population Density (people per km ²)	147
Family Size	6.3
Pop Growth Rate	2.63
IMR	575
MMR	48
Literacy Rate	53.35%
<i>Health facilities</i>	
DHQs/Tertiary Care Hospitals	04
DHQs #	0
THQs #	04
RHCs	12
BHUs	75
Govt. Rural Dispensaries & other HF.	06
MCH Centers	10
TB Clinics	02
Rural Dispensaries (Defunct Zila Council)	58
Total Health Facilities	171
<i>Human Resources</i>	
Medical Officers	347
SH&N Supervisor	60
Male Paramedic	242
Female Paramedics	437
Male Support Staff	720
Female Support Staff	170
Drivers National Program	39
Driver	43

Spray Man (CDCS/SP)	47+08
LHW	1448
LHS	61
CMW	192

Number of Dwelling Units	Kaccha (Mud/clay)	Pakka (Bricks& Morter)
1021672	112763	908909

Area (in acres)

Total Area of District in Km²	Area under cultivation	Cultivation in Settled Area	Not available for Cultivation
24830	992368 Acres	--	178045 Acres

Literacy Rate

Overall	Total	
	Male	Female
53.35%	55%9	44%

Government Schools

Private Schools

Total/ Overall		Schools	Enrollment		Total/ Overall		Schools	Enrollment
		1671	299550				952	289515
Boys	Primary	635	68143		Boys	Primary	-	-
	Middle	102	20492			Middle	265	58000
	High	120	67681			High	110	48468
Girls	Primary	550	50344		Girls	Primary	-	-
	Middle	150	26828			Middle	269	79250
	High	104	64679			High	165	65750
Co-Education	Primary	-	-		Co-Education	Primary	143	38047
	Middle	-	-			Middle	-	-
	High	-	-			High	-	-
Special Education	-	10	1383		Special Education	-	-	-

Higher/Technical/Professional Education (Public & Private)

Particulars	College	Universities	Professional	Technical	Commerce	Total
No of Institution	100	3	0	3	08	114
No of Students	39032	52650	0	2484	1361	92877

Health Facilities

Particulars	BHUs	RHCs	THQs	Tertiary care Hospital	ASH	Total
No. of Facilities	75	12	4	03	01	94
Annual OPDs	1114170	766512	1332062	1496683		4709427
No of beds	150	240	292	1578	410	2670
Doctors Available	75	68	176	219		538
Paramedical staff	365	137	93	748		1343

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	1988	5239	–		–	–	–	–
2	1992	10505	–		–	–	–	–
3	1995	19660	–		–	–	–	–
4	2014	5690	–		–	–	–	–

Disaster History – Other disasters (since 1970)

S#	Year	Disaster Type	No. of people affected	No. of deaths	Remarks
1		Disaster History found (since 1970)		(NIL)	

Major Embankments/Bunds

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population			Likely Affected Revenue Estate	Remarks
			Male	Female	Children		
Right Marginal Bund Left Marginal Bund Left Marginal Bund Left Marginal Bund Right Retired Embankment	RMB:28-30 LMB:9-11 LMB19-21 LMB 31-33 RRE:19-20	29.4160301,71.017679 29.333596,71.055031 29.340723,71.082724 29.347290,71.0123665 29.394910,71.999513	6650	6100	2250	1. Dammerwala-I & II 2. Azmatpur 3. Makhanbella 4. Ghallwan 5. Bait Moaziz Din 6. Dhoor Cot 7. Budhu Wali 8. Haleempur 9. Rattur Lal 10. Haider Pur	Khalid Mehmood (SDO) 03006702694

Dams (including small dams)

Name of Dam	Location	GPS Coordinates	Capacity	High Flood Level	Critical Points, if any	Remarks
Nil	Nil	X: Y:	Nil	Nil	Nil	Nil

Status of Response package against the likelihood of critical diseases

Critical Diseases	Antibiotics	Current Status
Fever	Antipyretic, Anti Allergies etc.	166820,1516500
Malaria	Anti Malarial, RDTs, Bed nets, Vector Control	300,0,320, (Vector Control)
Skin Diseases		Alpha scypermathrin 10% /79 Ltr, Lambda Cyhalothrine 28,Ltr Temphos 1% /470 Kg
Eye Diseases		Temphos 50% 38 Ltr Dextran 40- 100,
Accident & Emergencies	Scabies Lotion, Skin Ointments	0
Prevention & Treatment of Malnutrition	Eyes Ointments	1165
Immunization	Dressing, Surgical Instruments for Minor OT	9776,0
	RUSF, RUTF, IFA Deworming Tablets etc.	0,6000,0
	Cold Chain management , availability of Vaccine	Yes

Status of Response package against the likelihood of critical diseases

Critical Diseases	Antibiotics	Current Status
Acute Respiratory	Cough Syrups. Antipyretic, Anti Allergic, Antibiotics, Nebulization etc.	0, 166820, 2341900,2975840,0
Diarrhea / gastro	ORS, Zinc , Aqua tab, Antibiotics etc.	133620,0,0, 2975840
Snake Bite	ASV	0
Dog Bite	ARV	60

Stock Position of Medicines for Scabies/Boils and Other Skin Diseases

Medicine Name	Stock Available
Chlorpheniramine maleate 2mg/5ml Syrup	0
Chlorpheniramine maleate 4mg Tablet	1516500
Ciprofloxacin HCl 200mg/100ml Infusion	1065
Ciprofloxacin HCl 500mg Tablet	66750
Co-trimoxazole (160/800mg) Tablet	710600
Co-trimoxazole (80/400mg) Suspension	21070
Doxycycline (<u>hyclate</u>) 100mg Tablet	2975840
Permethrin 1% Lotion	0
Permethrin 5% Cream	0
Permethrin 5% lotion	0
Polymyxin B (Sulphate) + Bacitracin Zinc Eye Ointment	1165
Polymyxin B (Sulphate) + Bacitracin Zinc skin Ointment	1474

Stock Position of Medicines for Scabies/Boils and Other Skin

Sr. No.	Name of Medicine	Quantity Available
1	Tab. <u>Piriton</u> 4mg	1516500
2	Amoxicillin (<u>trihydrate</u>) 250mg/5ml Suspension	26242
3	Cap. <u>Amoxil</u> 500mg	322590
4	Benzyl Benzoate Lotion	0
5	Tab. Ciprofloxacin 500mg	66750

Stock Position of ASV, ARV, Bed Nets and Aqua Tabs

Category	Stock Available
ARV	60
ASV	0
Aqua Tabs	29200
Bed Nets	320
Anti-Malarial	300

LIVESTOCK POPULATION

Sr. #	Districts	Large Animals	Small Animals	Poultry
1.	Bahawalpur	101262	69103	44058

Control Room District Administration Bahawalpur



OFFICE OF THE DEPUTY COMMISSIONER BAHAWALPUR.

No.Estt/ _____

Dated/ _____

ORDER.

The following officials are hereby directed to perform their duties in District Emergency Control Room DC office, in connection with flood / Monsoon season 2023. with the staff of Rescue 1122 & Police Wireless Staff already deputed in Control Room w.e.f 13.07.2023 to till further order. The District Control Room has been established in the Deputy Commissioner office under the supervision & control of Azeem Zeshan, System Network Administrator Bahawalpur.

System Network Administrator 062-9250304

District Control Room: 062-9250508

Name of the officials with Designation	Shift	Timing	Contact No.
Mr. Asghar Nadeem, Draftsman, (Already deputed in Control Room)	Morning	09:00AM to 04:00 PM	03006815740
Mr. Muhammad Shafique, Junior Clerk, Admn Branch	Evening	04:00 PM to 10:00 PM	0301-5314902
Mr. Huzaifa Ilyas, Junior Clerk Education Department (SNA Branch)	Night	10:00PM to 09:00AM	03067728275

(Signature)
Add: Deputy Commissioner (G),
Bahawalpur.

No.Estt/ 1181-90 /Dated/ 13-07/2023.

A copy is forwarded for information and necessary action to: -

1. The Commissioner Bahawalpur Division, Bahawalpur
2. The District Police Officer, Bahawalpur.
3. The Superintendent Engineer Irrigation Department.
4. The Addl: Deputy Commissioner (Rev) Bahawalpur.
5. The District Officer Rescue 1122, Bahawalpur
6. The System Network Administrator, Bahawalpur.
7. P.A to Deputy Commissioner, Bahawalpur.
8. The Officials concerned for strict compliance and ensure your presence on the fix date and time.

(Signature)
Add: Deputy Commissioner (G),
Bahawalpur.

Duty Roster Control Room Health Authority



Primary & Secondary
Healthcare Department

District Health
Authority Bahawalpur
Phone: 062-9255211



ORDER:

A District Control Room regarding Flood Emergency / Monsoon 2023 under the supervision of Dr. Aamir Bashir, District Health Officer (PS), DHA Bahawalpur (Contact No. 03036877000) is hereby established in this office and the following officials working under the control of District Health Authority Bahawalpur are hereby directed to perform special duties in the said Control Room with immediate effect till 30.09.2023.

Dr. Hunza Batool, Woman Medical Officer o/o DHO (PS) Bahawalpur will perform duties as Focal Person for Flood Emergencies/Monsoon 2023 under the supervision of District Health Officer (PS) Bahawalpur.

Date	Shift		
	Morning	Evening	Night
01.07.2023 to 10.07.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. Qamar ul Islam Dogar, J. Accountant of this office	Mr. Faisal Abbasi, Junior Clerk, RHC Chanigoth
11.07.2023 to 20.07.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. Qamar ul Islam Dogar, J. Accountant of this office	Mr. Faisal Abbasi, Junior Clerk, RHC Chanigoth
21.07.2023 to 31.07.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. Qamar ul Islam Dogar, J. Accountant of this office	Mr. Faisal Abbasi, Junior Clerk, RHC Chanigoth
01.08.2023 to 10.08.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Aslam, Sanitation branch of this office	Mr. Waqas Ahmed, CDC branch of this office
11.08.2023 to 20.08.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Aslam, Sanitation branch of this office	Mr. Waqas Ahmed, CDC branch of this office
21.08.2023 to 31.08.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Aslam, Sanitation branch of this office	Mr. Waqas Ahmed, CDC branch of this office
01.09.2023 to 10.09.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Boota Computer Operator, BHU 24/BC	Mr. M. Usman, BHU Noonari
11.09.2023 to 20.09.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Boota Computer Operator, BHU 24/BC	Mr. M. Usman, BHU Noonari
21.09.2023 to 30.09.2023	Mr. Muhammad Javed, J/C of this office, Bahawalpur	Mr. M. Boota Computer Operator, BHU 24/BC	Mr. M. Usman, BHU Noonari

Note: During each Sunday, following officials will perform special duties:

Morning: Mr. Rashid Naeem, Senior Clerk, RHC Dera Bakha
Evening: Mr. Khurram Shahzad, Dawakob
Night: Mr. Abdul Majeed Bukhari, Masalchi, GTC Bahawalpur

SD/-
CHIEF EXECUTIVE OFFICER
DISTRICT HEALTH AUTHORITY
BAHAWALPUR

No. / 1347-65 / CEO-DHA dated Bahawalpur the 06/07/2023.



OFFICE ORDER

On the direction of Provincial Government of the Punjab Primary & Secondary Healthcare Department Lahore, the following Medical / Para medical staff working under the control of District Health Authority, Bahawalpur, is hereby deputed to provide emergency medical services at Medical Camp in the flood affected areas of District Bahawalpur with immediate effect till further orders:

Camp#	Tehsil	Union Council	Potential Sites	Shift	Designated Team		
					Name with Designation	Present Posting	Cell#
1	Hasilpur	Head Pallah Shahpur Jamalpur	Elementary High School Head Pallah BHU Shahpur BHU Jamalpur	Morning	Dr. Ayesha Zulfiqar, WMO	MO BHU Chak Katora	03333804363
					Riaz Shah	Disp BHU Chak Katora	03069891933
					Salma Firdous	LHV BHU 90/F	03316205240
				Evening	Muhammad Ijaz	W/S TB Clinic	03024578980
					Qamar Islam	Disp BHU 15/FW	03023333859
					Hafiza Irum Naz	LHV BHU 15/FW	-
				Night	M. Fazil	N/Q BHU Chak Katora	03046634538 03071580964
					Haji Nawaz	Disp RD 13/FW	03075187007
					Fouzia Ramzan	LHV BHU Shahpur	-
2	Hasilpur	BHU Jamalpur	BHU Jamalpur	Morning	M. Aslam	N/Q RD Bedana Gharbi	03023339972
					Dr. Usama Javeed	MO THQ Hospital Hasilpur	03321665956
					Muhammad Ijaz	Disp BHU Jamalpur	03016850911
				Evening	Hafiza Maryam Nawaz	LHV BHU Jamalpur	-
					M. Javid	S/G BHU Jamalpur	03086535765
					Akhtar	LHV RHC Chona Wala	-
				Night	Tahira Latif	Aya BHU Jamalpur	03066902287
					M. Ramzan	SI BHU Jamalpur	03039307228
					Shazia Parveen	LHV BHU Jamalpur	03477235878
3	Hasilpur	BHU Shahpur	BHU Shahpur	Morning	Fozia Sarwer	Aya BHU Jamalpur	03016581725
					M. Ameen	Chokedar BHU Jamalpur	03027715302
					Dr. Sohail Akbar	MO RHC Chona Wala	03039463385
				Evening	M. Akram	Disp BHU Shahpur	03007856340
					Ghulam Fatima Kirn Waheed	LHV BHU Shahpur	03056543741
					-	-	-
				Night	Samra Bibi	LHV BHU Shahpur	03037229689
					Sumera Bibi	Aya BHU Shahpur	03046473994
					M Imran	S/G BHU Shahpur	03016856362
Fozia Rehman	LHV BHU Shahpur	03084220401					
Fozia	Aya BHU Shahpur	-					
-	-	-					

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4	Khairpur Tamewali	Karampur	Govt P/S Adam abad	Morning	Dr. Revtash Kumar, MO MuhammadAmjad Dispenser Yasmeen Ismaeel LHV Waqar ul Hassan N/Q	BHU Karam Pur BHU Behli BHU Jhandani BHU Jhandani BHU Jhandani	0346788757 - 03067281418 03018644441 03018644441
				Evening	Dr. Muhammad Ahmed, M.O M. Arshad Dispenser Nabeela Kiran LHV Shahzad Qaisar N/Q	BHU Sheikh Wahan BHU Kotla Qaim Khan BHU Syed Imam Shah BHU Sheikh Wahan	03126031411 03006792069 03056904629 03027460983
				Night	Amjad Hussain CMT Muhammad Serfraz SI Sobia Ajmal Hashmi LHV Muhammad Izhar N/Q	BHU Karam Pur BHU Jhandani BHU Kotla Qaim Khan BHU Karam Pur BHU Karam Pur	03006853811 03017751441 03070105090 03037432744 03037432744
5	Khairpur Tamewali	Gudden	Union Council Office Gudden	Morning	Dr. S. Ahsan Raza Hamdani MO M. Zubair Dispenser Alia Rafiq LHV Yaqoob Masih S/W	BHU Kotla Qaim Khan BHU Basti Rana Iqbal BHU Basti Rana Iqbal BHU Basti Rana Iqbal	03423233668 03014525245 03047310784 03017757701
				Evening	Adnan Rafiq Dispenser Muhammad Ahsan SI Fozia Bibi M/W Imran Tariq N/Q	BHU Chalay Wahan BHU Basti Iqbal Rana BHU Chalay Wahan BHU Chalay Wahan	- 03007025837 - 03000735545
				Night	Hafiz MuhammadIrfan CMT Muhammad Ismail SI Asifa Saleem, LHV Muhammad Rafiq N/Q	BHU Bheli BHU Basti Rana Iqbal BHU Syed Imam Shah	- 03007599057 03007599057
6	Bahawalpur	Lal Sohanra	Lala Dera	Morning	Dr. Tayyaba Irshad Khosa MO M Kaleem Dispenser Fareeha Jabeen LHV Nadeem Sadiq Naib Qasid	RD D.B RHC Lal Sohanra RHC Lal Sohanra RHC Lal Sohanra	- 03013199268 - 03049079464
				Evening	Mohsin Aslam Dispenser Mrs Asia Arif LHV M Ajmal Naib Qasid	RHC Lal Sohanra RHC Lal Sohanra RHC Lal Sohanra RHC Lal Sohanra	03007800308 03068096138 03027714721 03027714721
				Night	Sajid Mahmood Dispenser Zatoon Asia M/W M Saleem Chowkidar	BHU 29/BC BHU 29/BC RHC Lal Sohanra	0321680980 9 03088871472
7	Bahawalpur	Dera Bakha	Gudpura	Morning	Dr. Imran Malik, MO Liaqat Ali Dispenser Sadiah Zameer LHV M Javed Naib Qasid	RHC Dera Bakha RHC Dera Bakha RHC Khanqah Sharif RHC Dera Bakha	03336389048 03006859020 03038730945
				Evening	Syed Umer Daraz Dispenser Mrs. Rizwana Madni LHV Mumtaz Hussain Naib Qasid	RHC Dera Bakha RHC Dera Bakha RHC Dera Bakha	- - 03004635942 03004635942
				Night	Abdul Rehman, Dispenser Rabia Asghar LHV Ghulam Hussain Naib Qasid	BHU 33A-BC BHU 33-A/BC BHU 33-A/BC BHU 33-A/BC	03405459349 - 03427187256

8	Bahawalpur	Jhangi wali	BHU Mangwani	Morning	Dr. Mohsin Sajjad, MO M.Sajid, Dispenser Salma Nadeem LHV M. Haroon, N/Q	BHU Mangwani BHU Bhinda Ghulam Hussain BHU Bhinda Ghulam Hussain BHU Bhinda Ghulam Hussain	03008689372 03006807507 - 03014263602
				Evening	Sajid Mehmood Dispenser Samina LHV M. Munawar, N/Q	BHU Jalalabad BHU Mangwani BHU Jalalabad BHU Jalalabad	03045389037 03056297081 03416420134 03416420134
				Night	Majid Mehmood Dispenser Hina Farooq Sial LHV Muhammad Irfan, N/Q	BHU 29/BC BHU Jamal Channar BHU Jamal Channar	03033370867 03013900470 03326364632
9	Bahawalpur	Khanu Wali	BHU Khanu Wali	Morning	Dr. Amna Khan, WMO Safdar Iqbal Dispenser Noor-ul-Ain LHV Muhammad Naeem Chowkidar	BHU Khanuwali BHU Khanuwali BHU Khanuwali BHU Khanuwali BHU Khanuwali	03006844609 03072601513 03037866815 03024297100 03024297100
				Evening	M. Naseem Khan Dispenser Yasmeen Haji LHV M.Asgar Shah N/Q	BHU Jahngi wali BHU Mari Sheikh Shujra	03035281468 - -
				Night	M. Azam Dispenser Amber Zubair LHV M Irfan Naib Qasid	BHU Mari Sheikh Shujra BHU Mari Sheikh Shajra BHU Aali Wahin	03017733661 - 03013362267
10	Bahawalpur	Urban -09	Sutlej Bridge	Morning	Dr. Khizer Hayyat MO Waheed Ahmad Dispenser Shumaila Bibi LHV Saghir Shah W/M	BHU Goth Mehrab BHU Goth Mehroo BHU Goth Mehroo BHU Goth Mehroo	03012831508 03437171077 03087747997 03077711112
				Evening	Nazish Ali LHV Zainab Bibi W/M	BHU Goth Mehroo BHU Goth Mehroo	03045381966 - 10
				Night	Shabana Ashiq MT Rabia Yasmeen LHV M. Rafiq,N/Q	BHU Goth Mehrab BHU Goth Mehrab BHU Goth Mehrab	0331620536 - 0301267327
11	Ahmedpur East	Hatheji	Sui Gas Rest House	Morning	Dr. Saleh Hassan, MO Hafeez ur Rehman, Dispenser Mehvish Parveen, LHV Zia Ullah, S.W	BHUAali Wahin BHU Hathaji BHU Hathaji	0302221417 03003480278 03029697260
				Evening	Muhammad Sabir,Dispenser Sundas Wahid, LHV Muhammad Hashim, W/M	BHU Aali Wahan BHU Hathaji BHU Hathaji	03007326849 - 03089212775
				Night	Mukhtiar Hussain, Dispenser Mehwish Perveen, LHV Abdul Salam, S/G	RD BWP Ghalwan BHU Hathaji BHU Hathaji	03007804008 - -

12	Ahmedpur East	Khairpur Daha	BHU Khairpur Daha	Morning	Dr. Ammara Khalid, WMO Muhammad Asim, Dispenser Samina Hanif, LHV Abdul Qayyum, NQ	BHU K.P. Daha BHU K.P. Daha BHU K.P. Daha BHU K.P. Daha	03000382911 03146895546 03047310841 03017748378 03040734588
				Evening	Asad Ullah, Dispenser Tabassum Altaf, LHV Muhammad Ramzan N/Q	RD Uch Bukhari BHU Noonari RD Jahan Pur	03017716738 03049322490 -
				Night	Zafar Iqbal, Dispenser Zarina Kousar, LHV Sajjad Ahmad, NQ	RD Naseer Abad BHU K.M.Khan RD Naseer Abad	03086282883 03017776216
13	Ahmedpur East	Pipli Rajan	BHU Pipli Rajan	Morning	Dr. Syed Muhammad Arslan, MO M. Aslam, Dispenser Shomaila Ashraf, LHV M. Arshad, N/Q	BHU Chak Loharan BHU Pipli Rajan BHU Pipli Rajan BHU Pipli Rajan BHU Pipli Rajan	03006369223 03024771885 03065013706 03068396277 03068396277
				Evening	Zahoor Hussain, Dispenser Sundas Hassan, LHV Syed Jabir Hussain, S/W	RD Nosharah Jadeed BHU Chak Loharan BHU Pipli Rajan	03026858835 - 03087826690
				Night	Sajid Farooq, Dispenser Sadia Qasim, Midwife Muhammad Sadiq, N/Q	BHU Janu wala BHU Janu wala BHU Chak Loharan	03017780651 03017780651 03027795993
14	Ahmedpur East	Dhoor Kot	Govt. High School Dhoorkot	MORNING	Dr. Kh. Basit Ali, MO Farooq Ghori, Dispenser Nazia Akbar, LHV Muhammad Aslam, S/W	BHU Haider pur RD Dhoor Kot BHU Haider pur BHU Haider pur	03060167416 03017712050 03015932821 03087826690
				Evening	Ghulam Haider, Dispenser Aqeela Rehmat, LHV Muhammad Naeem Malik, S/W	BHU Haider pur BHU Haider pur BHU Haider pur	03017703876 03047785035 03084744298 03006846385
				Night	M. Aslam, Dispenser Nazia Amber, LHV Ali Nawaz, N/Q	RD Trand Bisharat BHU Haider pur RD Dhoor Kot	03006824051 03316205371 03017787938
15	Ahmedpur East	Chanab Rasoolpur	Primary School Basti Amin Shah Makhan Bela,	Morning	Dr. Javed Bashir, WMO Muhammad Shahid Anjum, Dispenser Samra Yousaf, LHV Muhammad Madni, N/Q	BHU Rattar Lal BHU Rattar Lal BHU Rattar Lal	- 03016981639 -
				Evening	Abdul Aziz, Dispenser Uzma Saleem, LHV Muhammad Umar, S/W	RD Channab Rasoolpur BHU Budhoo wali BHU Rattar Lal	03027864309 03029648641 03047225084
				Night	Muhammad Madni, Disp. Sumira Ashraf, LHV Abdul Majeed, N/Q	RD Channab Rasoolpur BHU Ahmad Naich BHU Rasool pur	03017743969 03049023216 03078289515
16	Ahmedpur East	Chanab Rasoolpur Girls	Primary School Basti Amin	Morning	Dr. Muhammad Ajmi, MO Muhammad Aslam, Disp. Shazia Rafiq, LHV Abdul Majeed, N/Q	RHC Uch Sharif BHU Bakhtiari BHU Rasoolpur BHU Boodhu Wali	03008927734 - - 03005578788

11

				Evening	Shahid Anjum, Disp. Nazia Akbar, LHV Mukhtiar Chowkidar	BHU Rattar Lal BHU Haider Pur BHU Rattar Lal	- - 03036430288
				Night	Muhammad Aslam, Disp. Kaleem Ullah, N.Q	RD Tarand Basharat RHC Uch Sharief	- 0301-6508879
17	Ahmedpur East	Bakhtiari	PS Ghulam Qadir, Chak Kehal, UC Office Bakhtiari	Morning	Dr. Mahar Un Nisa, WMO Tariq Hussain, Dispenser Irum Munawar, LHV Yasir Salamat, S.W	BHU Bakhtiari Ahmedpur East RD Bakhtiari BHU Bakhtiari BHU Bakhtsiari	03114764569 03017735725 03024805530 03035296728 03226163495
				Evening	Iftikhar Ahmad Qamar, Dispenser Aqsa Khalid, LHV Jameel Ahmad, Naib Qasid	RD Chak Keehal BHU 75/DB RD Bait Ahmad	03062370531 03052043316 03013199216
				Night	Naseer Ud Din Saeedi, Dispenser Muhammad Nazim, S.W	RHC Balla Jhullan BHU Tahir wali	12 03006853368 03013404632
18	Ahmedpur East	Bakhtiari	RHC Bhallah Jhullan	Morning	Dr. Usman, MO Abdul Hameed, Disp. Sumera Shams, LHV Abdul Shakoor, N.Q	RHC Balla Jhullan BHU Noonari RHC Balla Jhullan BHU Noonari BHU Noonari	- 03006853368 03082453901 03082453901
				Evening	Sadiq Hussain, Disp. Nadia Kanwal, LHV Hafiz Zia Ullah. S.W	BHU Rajar Hoo BHU Kotla Musa Khan BHU Hatheji	03029697260
				Night	Irfan Ayyaz, Disp. Muhammad Asif N.Q	BHU Kotla Musa Khan THQ Hospital, Ahmadpur East	03027878323
19	Ahmedpur East	Banwala	Pul Dad Potra	Morning	Dr. Faisal Aslam, MO Dr. Ahmed Abdullah, MO Samina Bibi, Dispenser Najma Bibi, LHV Muhammad Asif, S.W	RHC Mubarakpur BHU Rasool pur BHU Rasool pur BHU Rasool pur	03032147344 03328612125 03017755465 03057893262 - 03027802216
				Evening	Kh. Fayyaz Hussain, Disp. Ishrat Perveen, LHV Nazir Hussain, Naib Qasid	RD Jamman Shah BHU Rajar Hoo RD Jamra	03088686471 03042568181 03029595832
				Night	Ishaq Ahmad, Dispenser Shazia Rafiq, LHV Nazir Hussain, Naib Qasid	RD Jamra BHU Rasoolpur RD Jamra	03035971218 03016923788 03029595832

DISTRICT HEALTH INFRASTRUCTURE OF HOSPITALS

Name of Facility	No. of Beds
B.V Hospital (Teaching)	1599
Civil Hospital (Teaching)	410
THQ Hospital Ahmedpur East	92
THQ Hospital Hasilpur	80
THQ Hospital Khairpur Tamewali	60
THQ Hospital Yazman	60

General Information

Particulars	Detail
Neighboring districts and their vulnerabilities	Bahawalnagar, Muzaffargarh, Lodhran, Rahimyar Khan and Vehari.
Topographical Features	The city lies just south of the Sutlej River, and is the site of the Adam Wahan (Empress) Bridge, the only railway bridge over the Sutlej River in Pakistan. Today, Bahawalpur city is a thriving city of southern Punjab and the surrounding area is mostly agricultural. The city is connected to the rest of the country through rail, road and air link. Bahawalpur district covers an area of 24,830 square kilometres and comprises six tehsils (sub-districts) - Ahmadpur East, Bahawalpur (City & Sadar), Hasilpur, Khairpur Tamewali and Yazman. Approximately 4 million acres of the district is covered by the Cholistan desert, which extends into the Thar desert of India. Bahawalpur District is bounded by District Lodhran on the North, Bahawal Nagar on the East and Rahim Yar Khan on the West.
Weather/Climate pattern	District Bahawalpur has a very hot and dry climate in summer. The maximum temperature touches 48.0C. The minimum temperature recorded is 7.2C. Rainfall in Bahawalpur varies from 3.0 to 187.0 (mm/month).
Major Rivers	River Sutlej flows along the Northern boundary of the District Isalm Head works is located on Bahawalpur / Muzaffar Garh border of the District.
Major Nullahs / Streams	Sutlej River
Motorway/Highway	Karachi, Lahore Peshawar N-5(KLP) Highway. Motorway M5
Railways	Vulnerable points of Railway Railway Bridge on the Sutlej River and Railway Station Bahawalpur.

Major Embankments/Bunds

Name of Embankment	Length (km)	Starting Point (Revenue Estate /Tehsil Name)	Ending Point (Revenue Estate /Tehsil Name)	Name of Critical/ vulnerable Points	Focal Person
Right Marginal Bund Left Marginal Bund	14 13	Ali Pur Ahmed pur	Ali Pur Ahmed pur	-	Hassan Bukhari (SDO) 0300-8595495
Second Defence Line Right Retired embankment	05	Ali Pur	Ali Pur	-	-

Breaching Section

Name of Bund/ Embankment	Name of Breaching Section	Location with GPS Coordinates	Likely Affected Population			Likely Affected Revenue Estate	Remarks
			Male	Female	Children		
Right Marginal Bund Left Marginal Bund Left Marginal Bund Left Marginal Bund Right Retired Embankment	RMB:28-30 LMB:9-11 LMB19-21 LMB 31-33 RRE:19-20	29.4160301,71.017679 29.333596,71.055031 29.340723,71.082724 29.347290,71.0123665 29.394910,71.999513	6650	6100	2250	1. Dammerwala-I & II 2. Azmatpur 3. Makhanbella 4. Ghallwan 5. Bait Moaziz Din 6. Dhoor Cot 7. Budhu Wali 8. Haleempur 9. Rattur Lal 10. Haider Pur	Hassan Bukhari (SDO) 0300-8595495

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

Name	Capacity	GPS Coordinates	Name	Capacity	GPS Coordinates
Mari Sheikh Shajra	220 KV	X:29.31715 Y:71.157173	Uch Sharif	132 KV	X:29.2279608 Y:71.08209
Bahawalpur	132 KV	X:29.2353786 Y:71.38469924	Lal Sohanra	132 KV	X:29.2749236 Y: 71.5898299
Cantt: Bahawalpur	132 KV	X:29.338828 Y:71.69847	Khairpur Tamewali	132 KV	X:29.5755392 Y: 71.239348
Baghdad-ul-Jadeed	132 KV	X:29.398072 Y:717828784	Hasilpur	132 KV	X:29.6978688 Y: 71.5602088
Samma Satta	132 KV	X:29.337766 Y:71.566897	Yazman	66 KV	X:29.113415 Y: 71.4471075
Ahamd Pur East	132 KV	X:29.154868 Y:71.13429798	Kot Khalifa	132 KV	X:29.1594486 Y: 71.9935018
Headrajkhan	66 KV	X:29.146068 Y:71.4928257	Mubarak Pur	132 KV	X:29.2509064 Y: 71.342916

Airport / Landing Strips

Type	Area Name	GPS Coordinates
International	Shaikh Rashid Terminal Yazman Road, BWP	X:29.400 N Y: 71.63 E

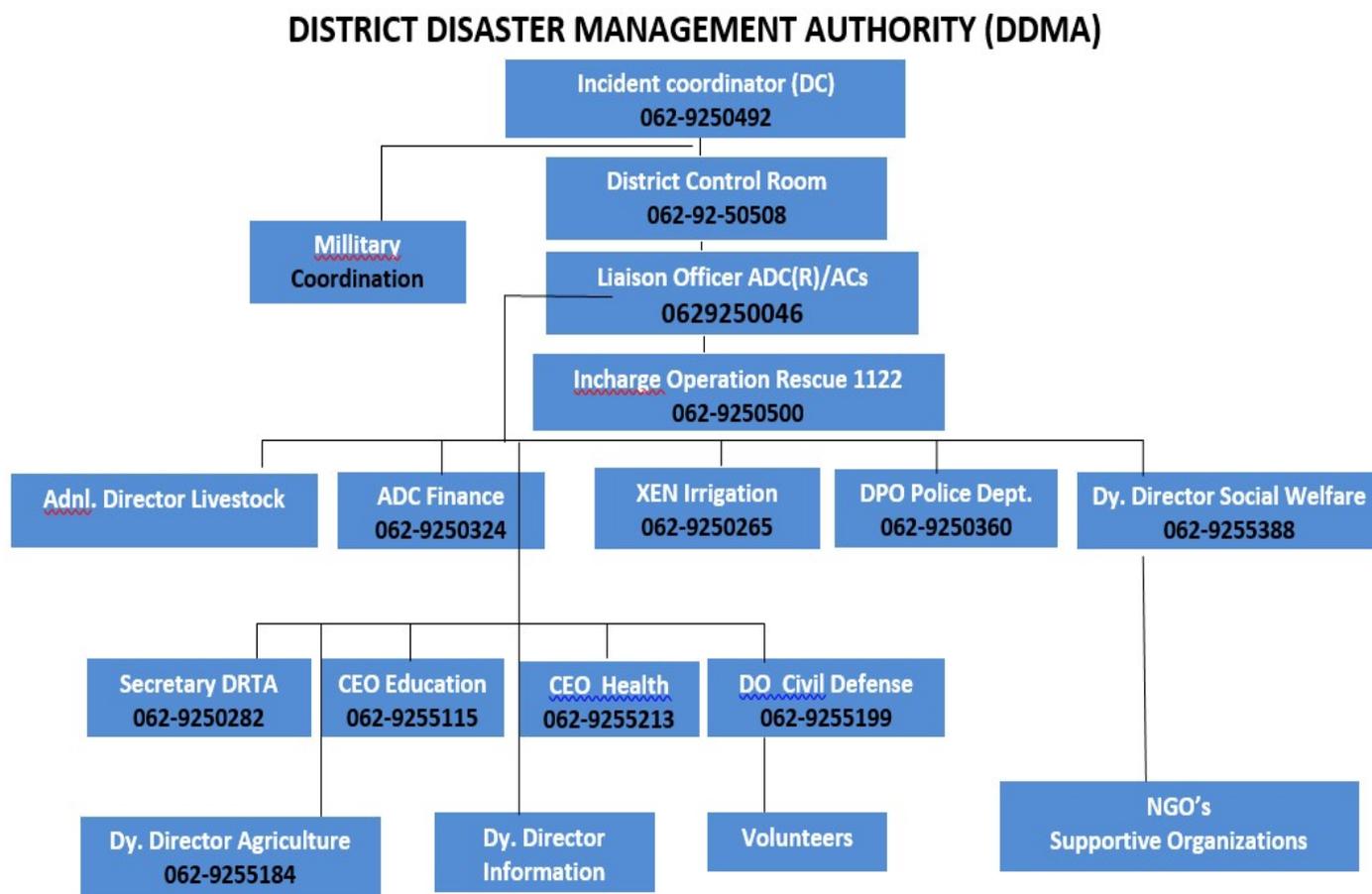
Government Storage Facilities & Warehouses in the District Total No of Godowns District Bahawalpur (Food Department)

All Figures in M.Tons

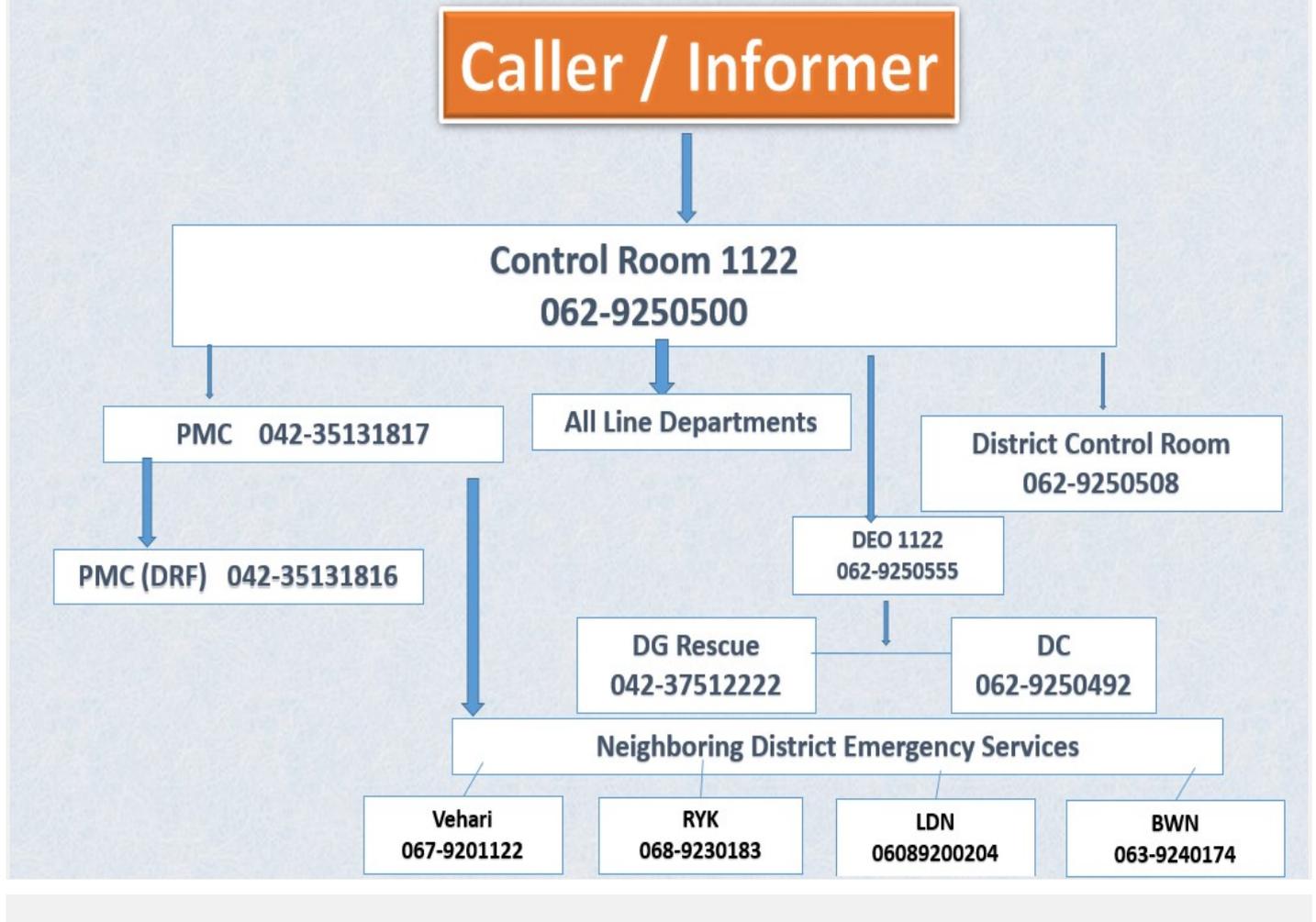
S. No:	Name of Centre	PR/Flag	Covered Storage Capacity		
			Total Godowns	Standard	Operational
1	Bahawalpur	PR	11	7000	9750
2	Binishell	PR	34	51000	51000
3	Khanqah Sharif	PR	2	2000	3000
4	Ahmed Pur (E)	PR	10	9000	13000
5	Mubarak Pur	PR	2	1000	1500
6	Hasil Pur	PR	7	4500	6250
7	Yazman	PR	18	11000	16500
8	Head Rajkan	PR	8	5000	7500
9	Tailwala	PR	8	4000	6000
10	Chak 51/DB	PR	4	2000	2640
11	Israni	PR	12	12000	18000
Total			116	108500	135140

Coordination Mechanism

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



DISTRICT EMERGENCY RESPONSE ACTION PLAN



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

The DDMA 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 NDMA and the PDMA.

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

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

Additional Powers of District Authority:

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

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

Revenue Department (Functions and Responsibilities)

In case of any disaster or calamity the head of the revenue department in the district i.e. the Deputy Commissioner/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

Tehsil / Chief Officer Municipal Corporation

- Tehsil / Chief Officer, 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.
- Tehsil / Chief Officer Municipal Corporation will provide assistance to the District Civil Administration for setting up and management of relief camps/ operations.
- Chief Officers Municipal Committee are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- Chief Officer Municipal Corporation are equipped with trucks, water bowsers, tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- Chief Officers 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 Chief Officer Municipal Corporation are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Chief Officers maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Chief Officer Municipal Corporations 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 Committee under the concerned Administrator i.e Addl Deputy Commissioner (Rev) /AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local Municipal Committees manpower can be effectively used for the distribution of food and essential commodities among evacuated people or any other relief activity such as provision of cash compensation.

District Disaster Management Authority (DDMA)

- DDMA's are created under the NDM Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the Deputy Commissioner. The office of the Deputy Commissioner fully supported by the DPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Municipal Corporations 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 civil 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 civil 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 Chief Officer, Municipal Corporations.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue department. Each Patwari will inform the Numbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc.
- The tactical operations would be headed by the Additional Deputy Commissioner (Rev). The Addl. Deputy Commissioner (Rev) would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government had notified the following composition of DDMA's for whole of the province:

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

Role of Rescue 1122 in districts during disaster

- The immediate evacuation of people from the disaster prone and vulnerable areas with other departments of civil administration.
- 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 paramedic staff.

Pre-disaster Check list for DDMA

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

Disaster Emergency Control Room (functions and responsibilities)

- Disaster Emergency Control Room working round the clock will be established at District Level and coordination with all Agencies.
- Communication during disasters to deal disaster more effectively and efficiently.
- Collection of all relevant data from all supporting Agencies.
- Issuance of disaster reports on the basis of the collected data during the disaster.

Checklist for Control Room:

- Dedicated Staff as per magnitude of the disaster
- Duty roaster of the staff
- 2 Dedicated telephone lines
- 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

- The Deputy Commissioner will engage the Army in any disaster requiring the manpower or rescue equipment of the Army. This will happen on the basis of analysis of the magnitude and type of the disaster took place.
- Volunteer Network.
- E.g. how many registered volunteers, how to activate them, who will coordinate with them etc.
- There are 123volunteers registered with Civil Defence and can be engaged by the Civil Defence Department in any disaster as per requirement.
- The Civil Defence officeassists in the evacuation of people and their household moveable property from the disaster affected areas. The office engages a large number of volunteers for search, rescue, evacuation and disbursement of relief goods. These volunteers generally known as "Razakars" are usually trained in swimming, basic rescue techniques, first aid etc. Razakars build their skills in simulation and mock exercises. The Civil Defence collaborates with Punjab Emergency Services (Rescue 1122) in sophisticated search, rescue and evacuation operations.

RISK ANALYSIS

1. POTENTIAL HAZARDS OF THE DISTRICT

Hazards	Likelihood (Score 1-5)	Impact (Score 1-5)	Risk
Floods	3	3	09
Urban Flooding	3	3	09
Earthquake	–	–	–
Drought	–	–	–
Epidemic	3	3	9
Fire Incidents	3	2	6
Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)	3	2	6
Environmental Hazards (industrial accidents, severe pollution etc.)	2	2	4

Risk = Impact x Likelihood

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

2. Hazards

- 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**
 - Floods
 - Urban Flooding
 - Epidemic
 - Fire Incidents (550) 2023
 - Earthquake
- **Other Major Accidents**
 - Industrial Accidents
 - Building Collapse
 - Road traffic Accidents
 - Train Accident
 - Stampede

FLOOD VULNERABILITY PROFILE AND PREPARATION LEVEL

Headworks

Sr.	INTRODUCTION
1	Panjnad Headworks is situated just below the confluence point of Sutlej and Chenab Rivers in the South – Eastern part of muzaffargarh District. The barrage was constructed during 1727-1932. Its designed discharge capacity was 7.00 Lac CFS. It is now enhanced to 8.65 Lac.
2	Islam Headworks was constructed under Sutlej valley project during 1922-27. The design capacity of this Head works is 3 Lac.

- Preparations are being made at Very High Flood Levels :
- Total length of protection bund is 63.4miles (29.9).
- In order to streamline flood relief and rehabilitation, all kinds of arrangements shall be made to safeguard the vulnerable area and the people living therein:
 - **14185** acres of cultivated land is expected to be inundated
 - **27706** approx population is expected to be displaced
 - **25921** approx (live stock) cattle head is expected to be displaced

Panjnad Headworks Division, Panjnad Flood Bunds

Sr. No.	Name of Flood Bund	Length (Ft.)	Top Width (Ft.)	Free Board (Ft.)	River Training Works
1	Right Marginal Bund	70554	20	6	14
2	Left Marginal Bund	65169	20	6	01
3	Colony Protection Bund	15000	25	6	06
4	Right Guid Bund	3600	60	6	--
5	Left Guide Bund	3600	60	6	--

Stages of Flood

Sr. No.	Flood Stages	Punjnad	Islam	Mailsi Syphon
1	Low Flood	1.5 Lac. Cusecs	0.5	0.5
2	Medium Flood	2.00 Lac. Cusecs	0.8	0.8
3	High Flood	3.00 Lac. Cusecs	1.75	1.2
4	Very High Flood	4.50 Lac. Cusecs	2.25	1.75
5	Exceptionally High Flood	6.00 Lac. Cusecs	2.75	2.75

Historic Floods at Punjnad Headwork's

S#	Floods Data	Discharge
1	Super Flood of 1973 (17-08-1973)	8.03 Lac. Cs: Breaches in L.M.B
2	Super Flood of 1992 (18-09-1992)	8.12 Lac. Cs: Breach in R.M.B
3	High Flood of 2010 (14-08-2010)	3.12 Lac. Cusecs.
4	Hifh Flood of 2013 (23-26/08/2013)	3.17 Lac. Cusecs.
5	Very High Flood of 2014 (16/09/2014)	4.53 Lac. Cusecs.

Historic Floods at (Islam Head Works)

S#	Year	DISCHARGE	
		SULEMANKI HEADWORKS	ISLAM HEAD WORKS
1	18-08-1955	5,50,00 Cs	4,92,581 Cs
2	4-10-1988	5,01,00 Cs	4,56,426 Cs

Last Ten Years Peak Water Discharges

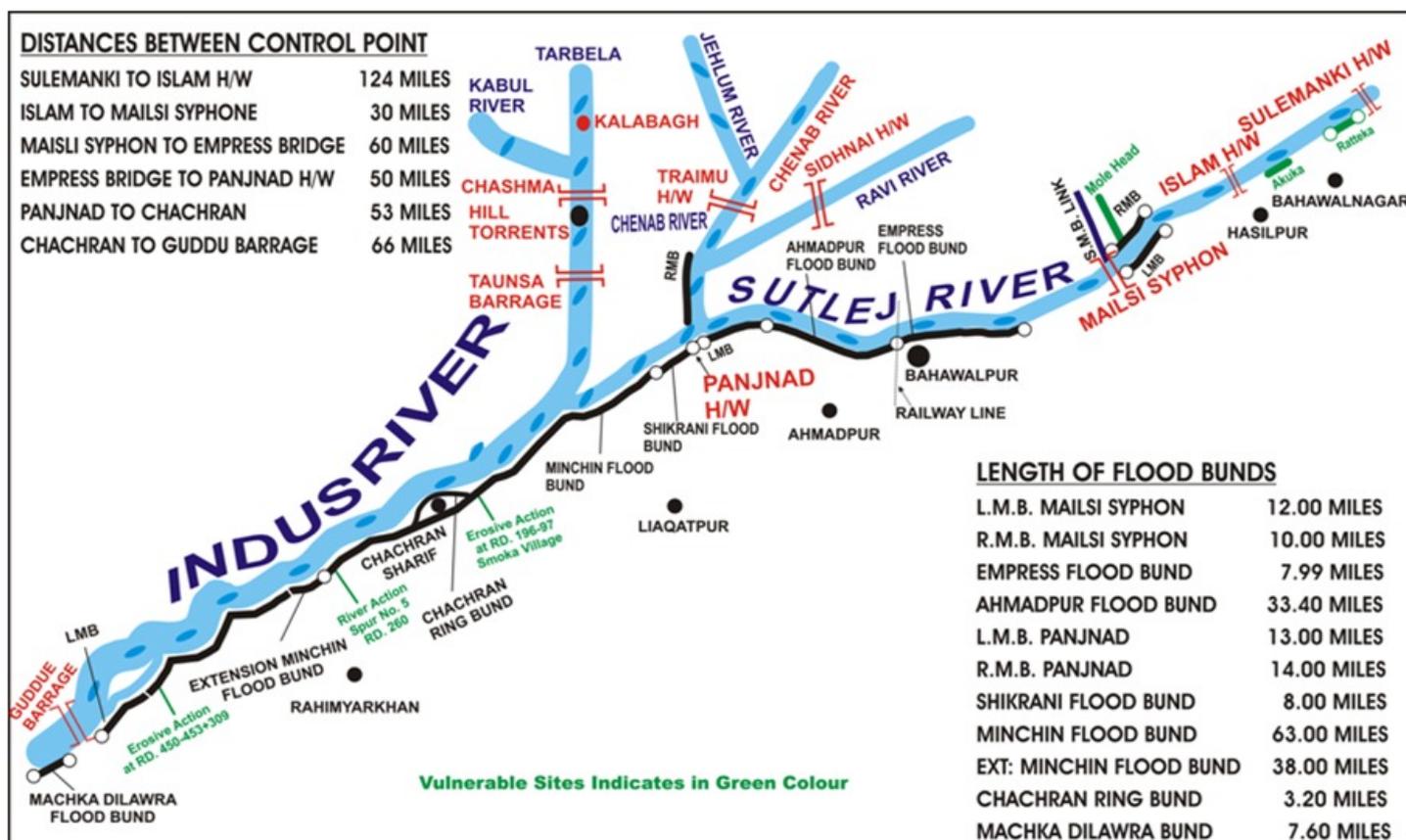
Sr. No.	Year	Punjad	Islam
1	2015	1,39,366 Cs	43,943
2	2016	1,30,829 Cs	15301
3	2017	78,988 Cs	14221
4	2018	57,646 Cs	15301
5	2019	87,336 Cs	52395
6	2020	1,47,446 Cs	6609
7	2021	75,250 Cs	3971
8	2022	121000 Cs	12501
9	2023	159504 Cs	151904
10	2024	72320 Cs	10850

TIME LAGS OF FLOODS

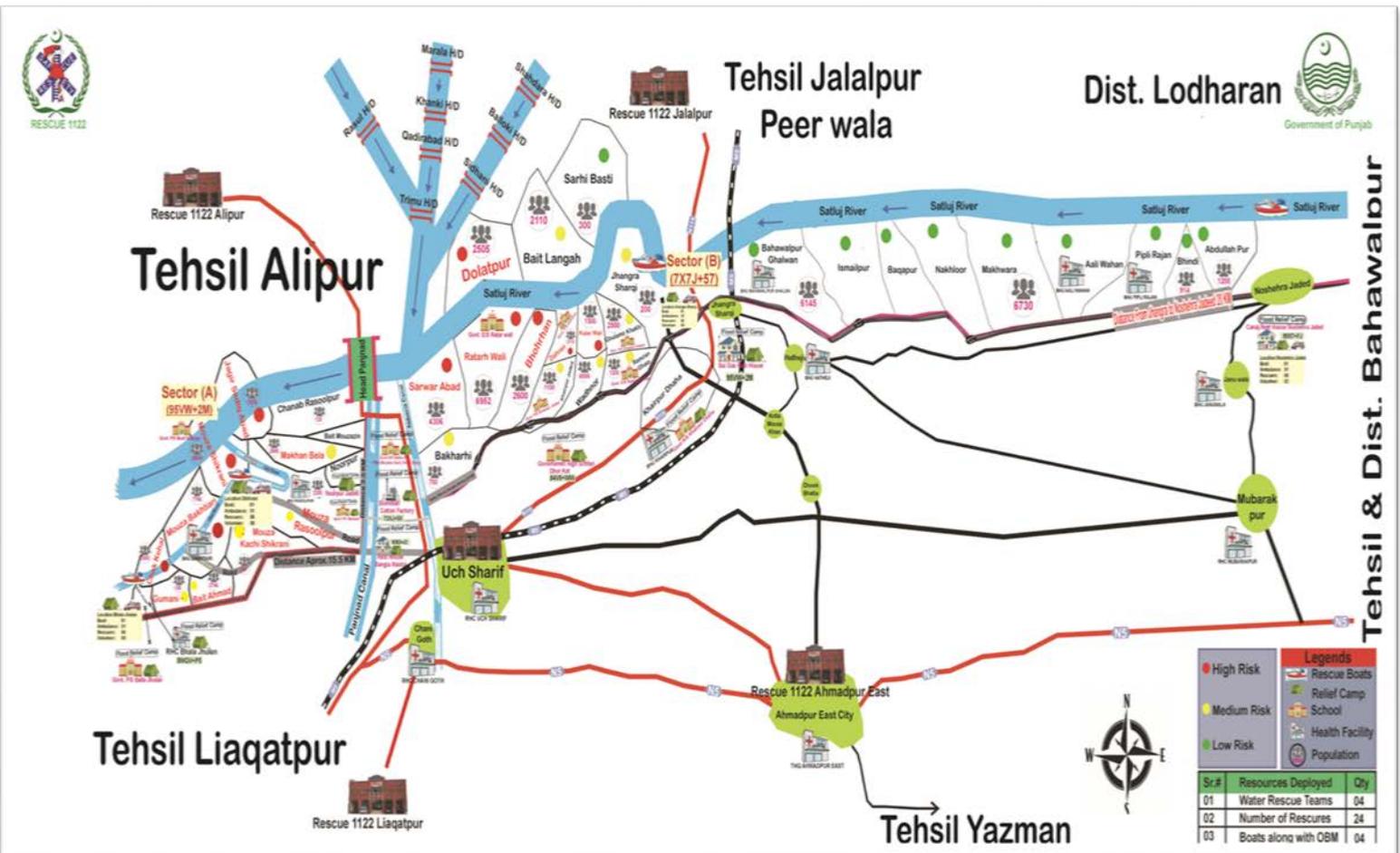
The time lag depends on many factors such as flood intensity weather Conditions etc. however approximate the time lags for the main stations on River Sutlej which experienced in past are given as below.

REACH	TRIMU TO PANJNAD		SIDHNAI TO PANJNAD		ISLAM TO PANJNAD	
Distance in Canal Miles	165 Miles		145 Miles		130 Miles	
FLOOD STAGE	Hours	Days	Hours	Days	Hours	Days
Low Supplies	160	6.6	100	4.16	93	3.87
Low Floods	93	3.8	90	3.75	75	3.12
Medium Flood	80	3.3	75	3.12	60	2.5
High Flood	60	2.5	55	2.29	44	1.83
Very High Flood	55	2.3	50	2.08	36	1.5
<u>Super Flood as in 1973</u>	50	2.08	45	1.87	30	1.25
<u>Super Flood as in 1992</u>	78	3.25	60	2.5	30	1.25
<u>Very High Flood 2014</u>	121	----	82	----	----	----

District detail map with vulnerable points.

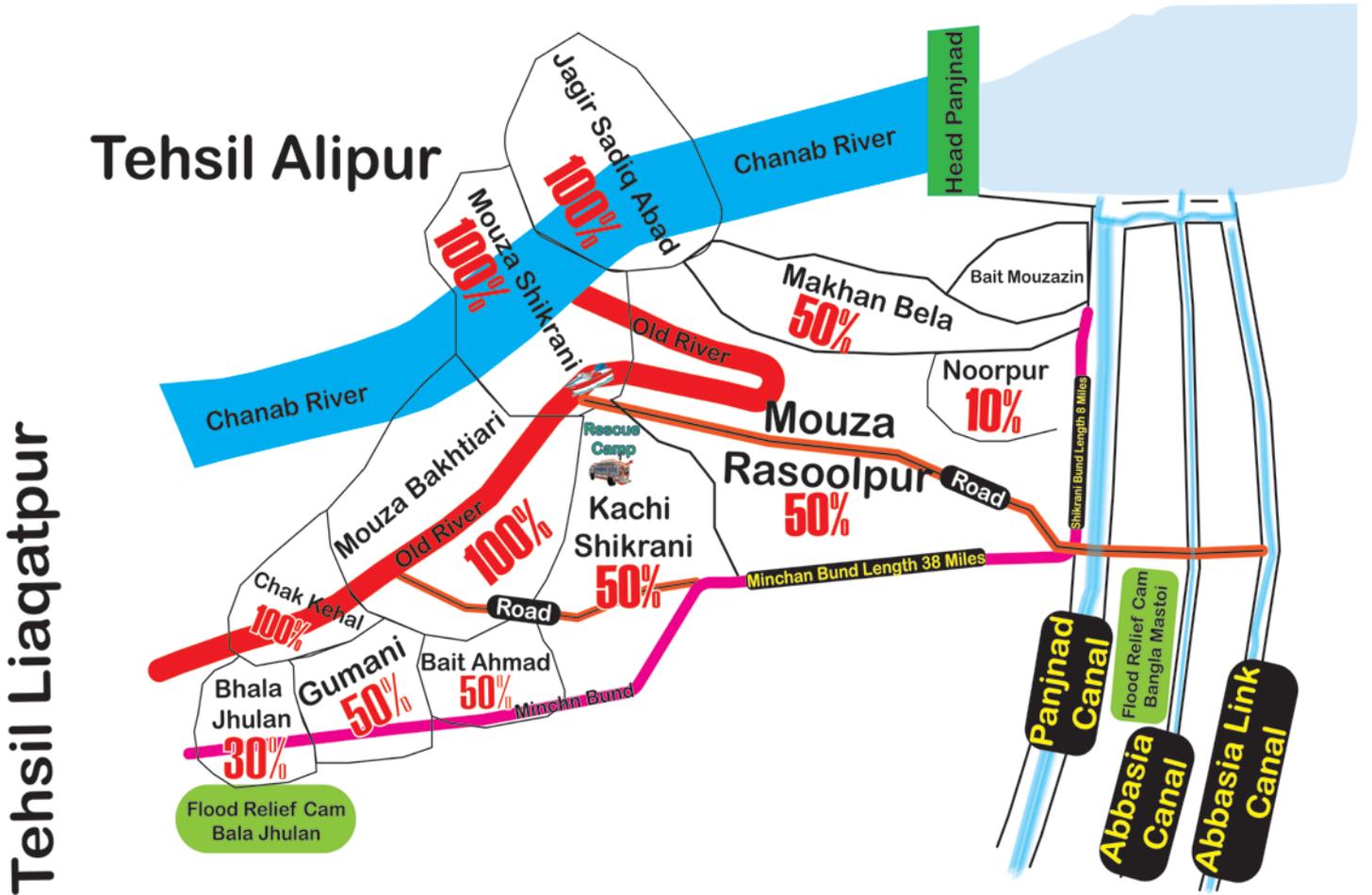


AREAs AFFECTED DUE TO BACKFLOW OF WATER AT HEAD PUNJNAD



MOUZAs AFFECTED AT RIVER CHANAB

Flood Area Chanab River, Tehsil Ahmadpur East, Dist. Bahawalpur



3. Response & Operational Capacity

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

- There are almost 511 trained Rescuers in The Rescue 1122 who can handle drowning emergencies, fire incidents, road traffic accidents, other major incidents and disasters like floods, environmental disaster, building collapse etc.
- There are 33 Paid and 90 unpaid Civil Defence volunteers available to take part in Flood Rescue activities.
- In Flood Emergency, Health Department will immediately establish Medical Camp in the affected areas of District Bahawalpur.
- Health Department will ensure supply of medicine in ample.
- Immediate response of staff in the affected areas.
- The main capacity of the district for handling any disaster is the Rescue 1122 department which has been declared Punjab Disaster Response Force by the PDMA.
- Another main capacity of the District is the Police department. The police staff deputed in any disaster is the key element for the evacuation of the victims to the safe places/ relief camps. The police department is also responsible for provision of security to staff of other agencies working in the disaster area.
- Education department will provide the buildings of schools situated in disaster areas for relief camps.
- Revenue department with other government departments will ensure provision of food, drinking water etc to the victims and will assess damages resulted by the disaster in the disaster prone areas.
- Civil Defense with its volunteers is another strong capacity of the district during the disaster.
- Highway Department with its heavy machinery & equipment provides the service of strengthening of embankments, construction of usable routes within flooded areas and it continuously keeps an eye on the water level in rivers and canals.
- Livestock department will provide its service in disaster areas for vaccination/ healthcare and establish relief camps for animals.

STRATEGIC RESERVES



OFFICE OF THE
DEPUTY COMMISSIONER
BAHAWALPUR,
Ph. No. 9250492 Fax # 9250493
Email:

dcobahawalpur@punjab.gov.pk

No. /2025/DEO/BWP(PES) Dated: 06/03/2025

The Assistant Director (Operations),
Provincial Disaster Management Authority.

Subject: **ANTICIPATORY ACTIONS / PREPAREDNESS-
PROVISION OF STOCK OF AVAILABLE RESOURCES
FOR MONSOON SEASON-2025**

In pursuance to the letter No. Flood-Prep-2025/106/Op-I, dated 24th February, 2025 regarding the subject matter as captioned above.

Accordingly, the detail of available Rescue & Relief equipment / resources along with demand of the District for preparedness of Pre-Flood / Monsoon Season-2025 is attached herewith for further necessary action.


DEPUTY COMMISSIONER
BAHAWALPUR

CC.

- The Commissioner Bahawalpur Division, Bahawalpur.
- The Director General (PDMA), Lahore
- The District Emergency Officer (Rescue1122), Bahawalpur.

RESCUE & RELIEF EQUIPMENTDistrict Name: BahawalpurDate: 05-03-2025

Sr.	Particular	Availability	Functional	Non-Functional	New Demand
1	Pneumatic Boat	03	02	00	00
2	Fiber Glass Boat 19ft	07	07	00	10
3	Fiber Glass Boat 24ft	04	02	00	00
4	OBM 40 HP	14	14	00	06
5	OBM 60 HP	00	00	00	02
6	Tents	500	500	00	1000
7	Life Jackets	249	249	00	500
8	Life Rings	45	45	00	100
9	Dewatering Sets (1 Cusec)	09	09	00	10
11	Dewatering Sets (2 Cusec)	00	00	00	12
12	Dewatering Sets (3 Cusec)	00	00	00	04
13	Dewatering Sets (4 Cusec)	00	00	00	04
14	Generator with light stand set	02	02	00	02
15	Plastic Mat	00	00	00	00
16	Mosquito Net	900	900	00	00
18	Blanket	00	00	00	00
19	Quilt	00	00	00	00
20	Scuba Set	03	03	00	04
21	Any Other Item (Sludge /Dry Suit)	05	05	00	05



DISTRICT EMERGENCY OFFICER
(RESCUE 1122) BAHAWALPUR



DEPUTY COMMISSIONER
BAHAWALPUR

5.Gaps and Constraints

- Briefly outline the capacity gaps in the provision of rescue and response; Describe major obstacles to providing humanitarian assistance (security, access constraints, administrative obstacles, logistics, etc.)
- There is a communication of gap between departments regarding exchange of data during rescue operation of the disaster. It must be eradicated so that any ambiguity and duplication could not damage the data and important reports by the departments.
- Increase work load.
- Logistic means are not available in proper manner for the transportation of staff, boats and other rescue equipment to the diasaster areas.
- Insecurity of workers working during disaster.

Mitigation Strategy

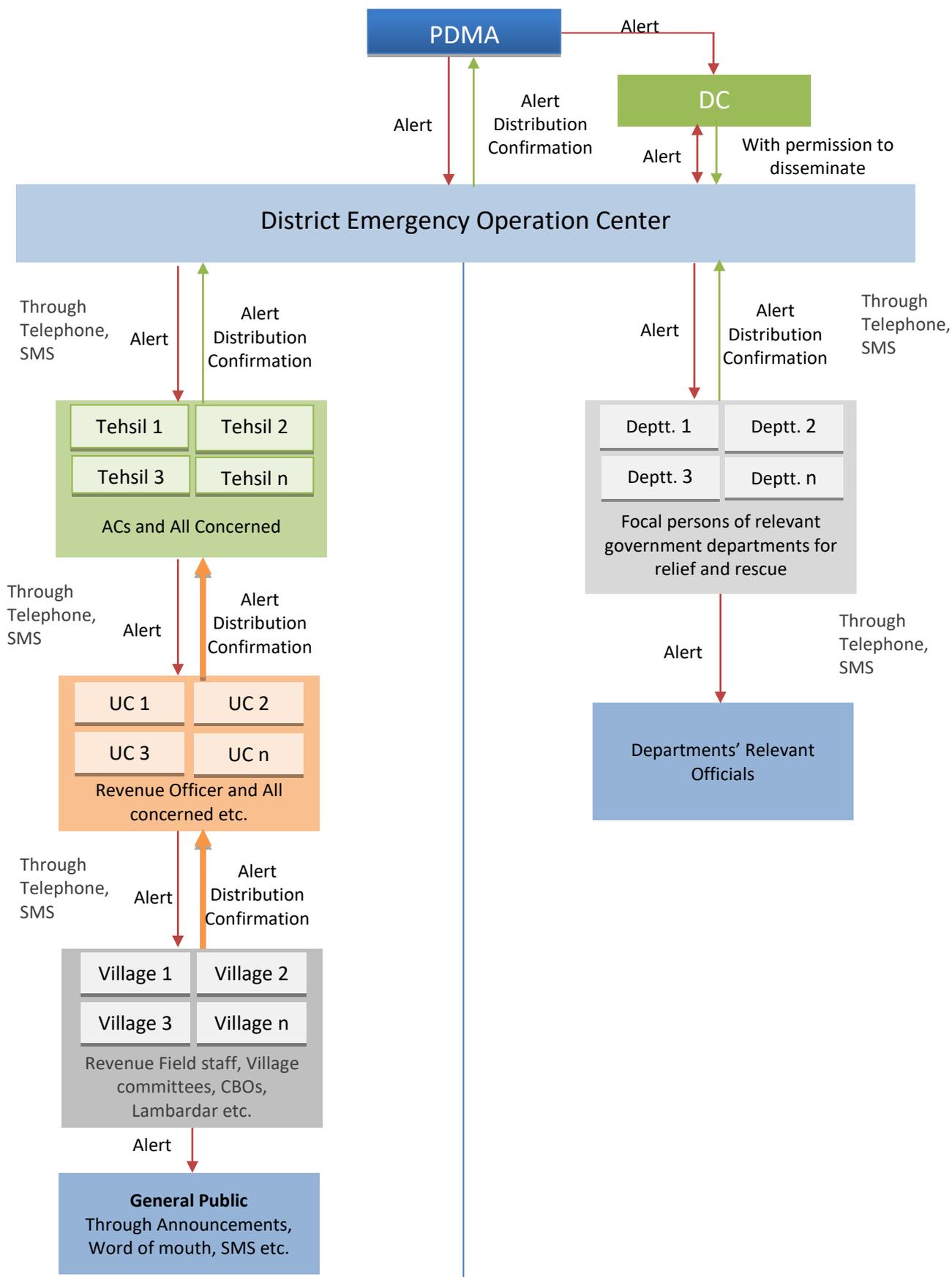
- ✓ Briefly describe what measures could be taken to reduce the impact of the potential disasters.
- ✓ Strategic pre-positioning of available relief stocks
- ✓ Public education and community awareness

Hazards	Mitigate Actions	Responsible Department
Floods	Establishment of Medical Camp and Mobile Teams deployed in the effected areas. Provision of free health services in the effected area round the clock during flood Ensure the provision of safe drinking water and food to the effectees. Strengthening of embankment with stone pitching and repair of embankment where local people cut down the embankment for ways or any other purpose	Health Department Police Civil Administration Rescue 1122 Civil Defense Irrigation Department All Concerned Departments
Urban Flooding	Establishment of Medical Camp and Mobile Teams deployed in the effected areas. Provision os free health services in the effected area round the clock during flood Ensure the provision of safe drinking water and food to the effectees.	Health Department Police Rescue 1122 Civil Defense Civil Administration All Concerned Departments
Earthquake	Constructing earthquick resistance buildings	Civil Administration
Drought	Water conservation/managemnet, public awareness water storage like artificial lakes in every village, city, forest enclosures and artificial ground water recharge wells	
Epidemic	On any type of Epidemic the Team constituted for immediate investigation and find out the main reason of Epidemic. Establishment of Medical Camp and provide health education in the effected area through School Health and Nutrition Supervisor and Lady Health Workers.	Civil Administration Health Department Rescue 1122
Fire Incidents	Awareness regarding safety measures to avoid Fire Incidents in Home, Offices and Factories and any Professional Places. Implementation of fire codes. Survey of vulnerable buildings.	Rescue 1122 Chief Officer Municipal Corporation / Municipal Committies Building Deparment

<p>Other Major Accidents (Building Collapse, road traffic accidents, train accident, Stampede, plane crash)</p>	<p>Identification of black spots regarding road traffic accidents and eradication/ elimination of black spots. Implementation of Traffic Rules.</p>	<p>Rescue 1122 Traffic Police All Concerned Departments</p>
<p>Environmental Hazards (industrial accidents, severe pollution etc.)</p>	<p>Awareness to staff of industries and local people residing around the such industries. Implementation of laws regarding usage of toxic gases. Proper legal action against the culprates</p>	<p>Environment</p>

Early Warning

Information Flow Diagram



Alertness Levels

Following four levels alertness have been established:

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

Early Warning

- Deputy Commissioner will be the Focal Person to receive early warning from the Provisional Office and Chief Executive Officer (Health) will be the Focal Person for the provision of Health Services in the effected areas.
- Early Warning will be communicated through any possible and available sources such as announcement in Mosques, Mobile Announcement Team, Patwari, SMS, Print & Electronic Media etc.

Sector Distribution and Management

- Belt of vulnerable area is divided into Six sectors:
 - Sector Chenab I
 - Sector Chenab II
 - Sector Sutluj I
 - Sector Sutluj II
 - Sector Sutluj III
 - Sector Sutluj IV
- Around 11,000 to 13,000 population is expected to be effected in each sector
- A Sector Coordination Committee is constituted at each sector consisting of:
 - AC/ Sector Coordinator
 - Company Commander
 - CMO/ Food Coordinator
 - DSP
 - Incharge Rescue 1122
 - Medical Officer
 - Veterinary Officer
 - Rep of Irrigation Department
- A Food Disbursement Committee has also been notified comprising:
 - CO/ Food Coordinator
 - Revenue Officer
 - Lambardar
- In addition, following committees have been notified for transparency and smooth functioning:
 - Food, Water and Sanitation Committee
 - Health and Nutrition Committee
 - Livestock Rehabilitation Committee
 - Damage Assessment Committee

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.
- All relevant rescue relief agencies such as Rescue 1122, Police, Civil Defense, Environment, Irrigation and other concerned departments will be mobilized and engaged to do the rescue and relief operation in case of any disaster.
- All agencies will do their pre-defined jobs according to the plan provided by the local DDMA.
- If a disaster requires more manpower and other rescue support, the Deputy Commissioner will request to the local authorities of Pakistan Army.
- Camp sites will be identified by the Education Department at least two months before the flood season.

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

Immediate evacuation is followed by an assessment of all that is needed to overcome the effects of disaster. Available resources have to be deployed to the neediest people so this strategy must be based on reasonable assessment of the disaster, and the subsequent needs of the effected communities. The initial rapid assessment is the exercise of collecting information in order to identify the basic needs such as food, shelter, water, sanitation, medicines etc. The rapid assessment would be completed in first 48 to 72 hours to get an immediate picture of extent of disaster. The rapid assessment would evaluate whether the local capacity is adequate or external resources are required to provide immediate assistance. The PDMA has provided the data collection forms for collection and communication of data to higher authorities. Annex-11

Relief Management - Food and Non Food Items:

An ideal distribution system is safe, accessible and transparent to the intended beneficiaries. Distribution must take into account the recipient's physical capabilities. Food is the foremost relief item that is requested by the worst affected communities immediately. In the first few days after the disaster, the Government would provide ready to eat food items. Subsequently, food disbursement would shift to provision of dry ration.

Special attention and priority should be given to the persons with disability, elderly persons heading household, women and adolescents heading household. Presence of child protection/social protection actors at distribution points would be ensured as this can serve multiple purposes including identification of separated unaccompanied children.

Child headed households and separated/unaccompanied children would be given food distribution cards in their own name in a manner that does not cause further separations.

Relief management ensures the sustenance of large numbers of evacuees that are not able to carry the items of everyday use with them. The Government can provide respite by providing certain food and non-food items such as cloths, blankets, cooking utensils, hygiene kits, buckets, plastic sheeting, sleeping mats, water jerry cans, washing powder etc. The main purpose of the relief management is to provide life sustaining commodities to the affected communities in a fair and organized system.

Food items

An initial assessment would be undertaken to identify the number and demographics of the affected population to estimate the quantity and type of food required. This assessment would also be done by food available in local markets in the vicinity of the affected regions. The nutritional needs of pregnant women, lactating mothers and malnourished children would be catered to on the highest priority. The food package would be enough to provide 2100 K calories/person/day. Food provided to the communities would be of good quality.

Beneficiaries would be informed in advance about the distribution points, date, time and procedure. All measures would be adopted to counter the unethical Collection of relief packages by outsiders that portray themselves as victims of a disaster. Special attention would be paid to persons with disabilities, elderly, women and stranded children.

Food distribution would be coordinated among all organizations to avoid any duplication or under serving the distribution points would be decided in consultation with local communities keeping in mind the convenience of recipients and the ease with which supplies can be transported to the point. The distribution points would be accessible to women, elderly persons, person with disabilities and children.

A complaint cell would be established for every ten distribution points allowing the beneficiaries to redress their grievances about the quality, quantity, and distribution and targeting procedures. The selection and registration of affecters, distribution methodology, selection of distribution points, and monitoring of the distribution would be transparent, equitable and mindful of local traditions.

Non-Food Items

Non-Food Items are provided to the displaced personnel to help them establish themselves in a new environment that they are forced into. Plates, buckets, jerry cans, and water storage vessels can allow the affectees to store and prepare their food for gradual consumption. The immediate provision of clothing and bedding gives a feeling of comfort, dignity and safety. In the same manner as other relief goods, preference must be given to women, children, elderly and the disabled.

Shelter:

Natural or man-made disasters often displace large numbers of people, forcing them to inhabit temporary shelters and camps. Temporary shelter is provided by the Government and humanitarian organizations as part of the emergency response. The Government utilizes public buildings such as schools or portable tents to provide immediate cover to the affected communities. Public facilities such as schools, barracks, warehouses, play-grounds, parks, have historically been utilized to provide shelter to the displaced affectees. Tents are usually provided in case the number of displaced person exceeds the number that can be temporarily accommodated in public facilities. Only a set number of people would be allowed to inhabit a public building. This set number would be decided keeping in mind the available space, availability of facilities such as electricity, water, and sanitation, and the time it takes to evacuate all the inhabitants. Temporary shelters would have separate toilets and bathing facilities for men and women and it would maintain healthy standards by conducting anti mosquito sprays etc. The elderly and disabled must be provided with the most comfortable and accessible areas of the public facilities designated as temporary shelters. The temporary shelters should never be overcrowded as it can create unhygienic conditions.:

Annex I: Identified Sites for Displaced Persons

Sr #	Location	No. of persons which can be accommodated	Name of City
1	GGES Mari Qasim Shah	900	Bahawalpur City
2	GGES Ghok Shera	900	Bahawalpur City
3	GHS Ghangi Wali	700	Bahawalpur City
4	GHS Fattoo Wali	700	Bahawalpur City
5	GHS Dera Bakha	700	Bahawalpur Sadar
6	GHS Dhoor Kot	700	Ahmadpur East
7	GHS Fazil Gomani	700	Ahmadpur East
8	GGES Bala Ghulan	900	Ahmadpur East
9	GHS Khairpur Dha	600	Ahmadpur East
10	Ballah julan Health Centre	400	Ahmadpur East
11	GPS Muhammad pur	400	Ahmadpur East
12	Bimillah Coton Factory Makhan Bila	400	Ahmadpur East
13	Rest House Jhangra Sharqi	500	Ahmadpur East
14	GPS Muhana	400	Ahmadpur East
15	GES Noorpur Jadeed	550	Ahmadpur East
16	GHS Qaimpur	600	Hasilpur
17	GGPS Head Palla	400	Hasilpur
18	GHSS Sheikh Wahin	600	Khaipur Tamewali

ANNEXII:LIST OF HAZARD PRONE VILLAGES/REVENUE ESTATES

Name of Tehsil	Number of Villages/ Settlements	Total Area (Acres) likely to be Affected	Total Population likely to be Affected
Bahawalpur City	21	55274	13171
Bahawalpur Saddar	16	39020	22700
Ahmad pur East	28	55465	76559
Hasilpur	7	26263	48772
Khairpur Tamewali	37	21394	16600
Total	109	197,416	2,09,603

MOUZA,s LIKELY TO BE AFFECTED

BWP (City & Sadar) (37)	High (17)	01.Mouza Saif pur 02.karnani 03.Dera bakha 04. Mangwani 05.Mouza sahlaan 06.Mari qasim shah 07.Bhinda ghulam hussain 08. Shauqt urabi 09. Ghafoor abaad 10.Kurpal 11.Sher garwan 12.Jalal abaad 13.Kot dadu ghallu 14.Miani 15 Uttera 16. Bhinda dakhli 17.Goth meer 18. Baqirpur 19. Weeslan
	Medium (12)	01. Baqirpur 02 Abbas nagar 03.Gul dera 04.Pannu 05.Gud pura 06.Khanu wali 07.Samma satta 08.Warheelan 09.Goth gehna 10.Bhinda nu bramda 11.Qasra Manjaal
	Low (08)	01.Jand 02.Sanjar 03.Chawan 04.Jhangi wala 05.Qadir bukhsh channer 06.Bindra 07.Dera masti 08. Fattuwali 9. Chaawan

Hasilpur(7)	1-Palla. 2-Ghahi Behram. 3-Chohan. 4-Naseerpur Ganja.5-Khairo Ghazi Khanana. 6-Luddan. 7-Norpur
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Ahmadpur East(28)	Chanab (3)	High Risk	1-Jageer Sadiq Abad. 2-Shikrani. 3-Bakhtiari. 4-Chak Kehal
		Medium Risk	1-Rasool Pur. 2-Bait Ahmad. 3-Kachi Shikrani. 4-Gammani
		Low Risk	1-Ballah Jhulan. 2-Makhan Baila. 3-Noorpur. 4-Bait Moiz-ud-Din.
	Satluj Mouzas (25)	High Risk	1-Sarwar Abad. 2.Doulat pur. 3-Bhoran 4-Bait Langa 5-Dahran. 6-Sarri Basti.
		Medium Risk	1-Bakhri. 2-Rattur 3-Khairpur Jadeed 4-Ramzan Ghallo. 5-Kalar Wali.
		Low Risk	1-Ghulamo Khaki.2-Ramzan Ghalu 3-Wadhnor. 4-Jhangra Sharki. 5-Bahawalpur Ghalwan.6-Ismailpur. 7-Pipli Rajan. 8-Abdullah Pur. 9-Noshehra Jaded. 10-Bhindi. 11-Nahar Wali. 12-Baqa Pur. 13-Nakhlor. 14-Khairpur Daha

ANNEX III: LIST OF VULNERABLE EDUCATIONAL INSTITUTION

S#	Name	Institute type (School)	Hazard Vulnerability (Flood)
01	GGES Rasoolpur Shikrani	Govt.	Flood Affected
02	GGPS Afzal Khan Shikrani	Govt.	Flood Affected
03	GGPS Ghulamoon Khaki	Govt.	Flood Affected
04	GHS Khairpur Daha	Govt.	Flood Affected
05	GPS Nakhlor	Govt.	Flood Affected
06	GES Rattar Nahar Wali	Govt.	Flood Affected

AREAS LIKELY TO BE AFFECTED:

Table 2 High Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

TOTAL POPULATION LIKELY TO BE AFFECTED				
Tehsil	Union Council	Villages/ settlements	Population likely to be affected #	Nearest Health Facilities
Hasilpur	1. Pallah,	3	36319	THQ Hospital Hasilpur, BHU Jamalpur, BHU Chak Katora /RHC Qaimpur, BHU Shah Pur.
	2. Jamalpur	4	37870	
	3. Shahpur	7	33382	
Khairpur Tamewali	1. Jhandani,	17	39452	Basti Rana Iqbal, Bheli, Kotla Qaim Khan, Karampur, THQ Hospital Khairpur Tamewali. BHU Chelley Wahin.
	2. Gudden	8	36812	
Bahawalpur (City/Saddar)	1. Sanjar,	9	40521	BHU Sanjar, Jhangiwali, Mangwani, , RHC Dera Bakha. RHC Lal Sohanra 4
	2. Jhangi wala,	26	35940	
	3. 37/BC (Lal Sohanera)	29	46462	
	4. Khanuwali,	23	39265	Khanuwali, Jalalabad, Hakra, RHC Khanqah Sharif, BHU Khanuwali B.V.Hospital, Civil Hospital, Bahawalpur
	5. UC Urban No.09	15	33324	
Ahmedpur East	1. Hatheji	8	47139	BHU Aali Wahin / Hatheji BHU Khairpur Daha
	2. Khairpur Daha	17	49166	
	3. Dhoorkot			BHU Haiderpur RHC Bhallah Jhullan/BHU Bakhtiari BHU Rasoolpur BHU Rattar Lal,
	4. Bakhtiari	01	41410	
	5. Banwala	06	42310	
	6. Chanab Rasoolpur	8 102	36160 41191	BHU Pipli Rajan.
	7. Mandhal	07	46073	
Total:	17	290	682796	

Table 3 Moderate Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

Tehsil	Union Council	Villages	Population likely to be affected #	Nearest health Facilities
Ahmedpur East	1. Januwala	9	28921	BHU Januwala BHU Kotla Musa Khan,
	2. Kotla Musa Khan	7	33708	
	3. Uch Sharif	9	38903	RHC Uch Sharif , BHU Khurrampur
Total	03	25	101532	

Table 4 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 Facilities
Khairpur Tamewali Bahawalpur	1. Israni	9	34665	THQ Hospital Khairpur Tamewali, BHU Jamal Channer, BHU Hakra, RHC Mubarakpur, BHU Ali Kharik
	2. Jamrani Kohna	8	38936	
	3. Mubarakpur	9	51848	
Total	03	26	125449	
Grand Total of Population Likely to be affected			Grand Total of Area Likely to be affected	
909777			23 Union Councils	

Annex IV: Contact List of Main Stakeholders/ Departments

Management

Sr.	Name	Desig.	Telephone # Office	Fax #	Mobile #	E.Mail ID
1	Dr. Farhan Farooq	Deputy Commissioner	062-9250492 9250069	-	03410922083	dcobahawalpur@punjab.gov.pk
2	Asad Sarfraz	District Police OfficerBWP	62-9250360	-	-	sbdpobwp@gmail.com
3	Mr. Ameer Taimoor	Addl.Deputy Commissioner (Rev), BWP	062-9250046	-	03155429988	Adcbahawalpur@gmail.com
4	Mr. Ghulam Murtaza A.C	Addl.Deputy Commissioner (HQ), BWP	062-9250071	-	03332005088	-
5	Baqir Hussain	DEO Rescue1122 BWP	062-9250503	-	0332-6531122	deo.bwp1122@gmail.com
6	Mr. Muhammad Shakaib Sarwar	AC BWP City	962-9250035	-	03336308982	AssistantCommissioner city.bwp@gmail.com
7	Ms. Qurat ul Ain	AC BWP Saddar	062-9250089	-	03326221111	Assistant Commissionerbwpsaddar@gmail.com
8	Mr. Muhammad Ahmad Khan	AC Hasilpur	062-2442556	-	03006973555	ac_hsp@yahoo.com
9	Mr. Muhammad Naveed Haider	AC Ahmedpur East	062-2273381	-	03336986326	acahmadpureeast@gmail.com
10	Mr. Muhammad Akmal	AC Khairpur Tamewali.	-	-	03004407313 03234444216w	assistantcommissionerkrpt@gmail.com
11	Dr. Rizwan Ashraf	AC Yazman.	062-2702600	-	03225488090	acyznbwp@gmail.com
12	Dr. Amir Bashir	CEO(Health)BWP	062-9255213	-	03036877000	edohealth.bhwp@punjab.gov.pk mbaber786@gmail.com

Support System

Sr.	Name	Desig.	Telephone # Office	Fax #	Mobile #	E.Mail ID
1	Syed Navid Iqbal Bukhari	Tehsildar, Bwp City.	-	-	03005245710	-
2	Mazhar Abbas	Tehsildar BWP Saddar.	-	-	03006365660	-
3	Wasim Hassan Raja	Tehsildar Yazman.	-	-	03007923300	-
4	Faizan Aslam	Tehsildar HSP.	-	-	03317654125	-
5	Ghulam Ghous Javed Koreja	Tehsildar APE.	-	-	03003535999	-
6	Sh. Muhammad hussain	Tehsildar Khairpur Tamewali.	-	-	03006856976	-

7	Mr Tawakkal Hussain	CEO.Edu, Bwp.	062-9255115	-	03007480195	deabahawalpurpb.pk@gmail.com edo_edu_bwp@yahoo.com
8	Ms. Sidra Shahid	Executive Engineer Operation	092-9250265	-	03009544773	Cebahawalpur_irrigation@yahoo.com
9	Mr. Muhammad Ikram	Deputy Director Agri:(Ext)Bwp.	062-9255184	-	03084158446	doaexgbwp2010@gmail.com
10	Dr. Mujahid Abbas	Addl.Dir .(Livestock) Bwp.	9255187	-	03006368658	adlbawalpur@gmail.com
11	Mr. Afzal Tahir	Asstt. Agri. Engineer, (F),Bwp.	062-9330503	-	03088244738	aebahawalpur@gmail.com
12	Mr. Tahir Abbas	Civil Defence Officer Bwp.	062-9255199	-	03096644110	civildefencebr@gmail.com
13	Azeem Zeeshan	SNA, BWP.	062-9250304	-	0321-6841180	Snabahawalpur.punjab.gov.com
14	Mian Azhar Javed	Chief Officer Municipal Corporation BWP.	062-9250198	-	03009680406	mcbwp@gmail.com
15	Nasrullah Malik	Chief Officer District Council, Bahawalpur	062-9255157	-	0333-6363083	Districtcouncilbahawalpur@gmail.com

Contact Details of Following Locals of Each Mouza District Bahawalpur

Sr.No	Tehsil	Mouza/Area	Population	Lumberdar	Patwari
1	Hasilpur	Pallah	20310	Wahid Bux 0301-7922891	Riaz Abbasi 0300-7854611
2		Gahi Behram	1557	Waris Khan 0305-8785129	Riaz Abbasi 0300-7854611
3		Chohan	11413	Imran Khan 0300-7851096	Muhammad Ayyub 0301-5248739
4		Naseer Pur Ganja	1822	Khuda Bux 0300-2464112	Muhammad Ayyub 0301-5248739
5		Kheru Gazi Khanana	7187	Ahmad Raza Khan 0300-7852905	Muhammad Ayyub 0301-5248739
6		Luddan	11056	Majeed Khan 0300-7852144	Abdul Sattar 0302-6572849
7		Noor Poor	7133	Maqbool Husain 0300-4840766	Noor Muhammad 0301-6531919
8	Ahmadpur East	Jageer Sadiq Abad	1277	Ahmad Khan 03046767403	Jam Irshad Ahmad 03008931605
9		Shikrani	1827	Ahmad Khan 03046767403	Jam Irshad Ahmad 03008931605
10		Bakhtiari	7102	Muhammad Muneer 03006840792	Jam Irshad Ahmad 03008931605

11	Chak Kehal	6655	Ashiq Hussain 03008685085	Rafiq Ahmad Langah 03047330106
12	Rasool Pur	8241	Amir Karamat 03076313124	Rafiq Ahmad Awan 03007813374
13	Bait Ahmad	5360	Muhammad Jamshaid 03014424689	Khwaja Khairat Hussain 03008688079
14	Kachi Shikrani	7396	Rab Nawaz 03017755335	Rafiq Ahmad Awan 03007813374
15	Gammani	4959	Muhammad Iqbal	Rafiq Ahmad Langah 03047330106
16	Ballah Julan	4260	Muhammad Yaqoob 03006817052	Rafiq Ahmad Langah 03047330106
17	Makhan Baila	2850	Mehmood Akhtar 03006822047	Khwaja Khairat Hussain 03008688079
18	Noorpur	5037	Basheer Ahmad 03003683565	Khwaja Khairat Hussain 03008688079
19	Bait Moiz ud Din	2164	Gohar Khursheed 03337638087	Khwaja Khairat Hussain 03008688079
20	Sarwar Abad	5805	Sajid Musatafa 03009687599	Khwaja Khairat Hussain 03008688079
21	Doulat pur	782	Muhammad Nawaz Shah 03002954938	Rafiq Ahmad Awan 03007813374
22	Bhoran	2009	Ijaz Ahmad 03458170568	Rafiq Ahmad Awan 03007813374
23	Bait Langa	1740	Mubarak Khan 03448718625	Rafiq Ahmad Awan 03007813374
24	Dahran	1518	Muhammad Shafiq 03448791373	Rafiq Ahmad Awan 03007813374
25	Sarri Basti	482	Mubarak Khan 03007808788	Rafiq Ahmad Awan 03007813374
26	Bakhri	4793	Allah Wasaya 03006820177	Khwaja Khairat Hussain 03008688079
27	Rattur Nahran Wali	8641	Ghulam Rasool 03006854262	Khwaja Khairat Hussain 03008688079
28	Khairpur Jadeed	2294	Irshad Ahmad 03002127310	Rafiq Ahmad Awan 03007813374

29		Ramzan Ghallo	1956	Mureed Hussain 03003578771	Rafiq Ahmad Awan 03007813374
30		Kalar Wali	208	Abdul Sattar 03048890578	Rafiq Ahmad Awan 03007813374
31		Ghulamo Khaki	1120	Irshad 03437128436	Rafiq Ahmad Awan 03007813374
32		Wadhnor	9242	Muhammad Abdullah 03023757677	Rafiq Ahmad Awan 03007813374
33		Jhangra Sharki	6320	Muhammad Murtaza 03009689372	Muhammad Arif 03085590686
34		Bahawalpur Ghalwan	7925	Nazeer Ahmad 03006803260	Muhammad Arif 03085590686
35		Ismailpur	5962	Muhammad Yousaf 03017769467	Muhammad Arif 03085590686
36		Pipli Rajan	4162	Alamdard Shah 03026504536	Bashir Ahmad 03007806325
37		Abdullh Pur	4171	Khizar Abbas 03006824448	Bashir Ahmad 03007806325
38		Noshehra Jaded	8754	Qari Sifat Ullah 6843534	Bashir Ahmad 03007806325
39		Bhindi	145	Alamdard Shah 03026504536	Bashir Ahmad 03007806325
40		Baqa Pur	5718	Muhammad Arshad 03004964497	Muhammad Arif 03085590686
41		Nakhlor	4174	Basheer Ahmad 03027766979	Muhammad Arif 03085590686
42		Khairpur Daha	11682	Abdul Rehman 03006187290	Rafiq Ahmad Awan 03007813374
43	Bahawalpur Saddar	Abbas Nagar	7560	Mumtaz Akhtar / 0301- 7724308	Zeeshan Haider /0304- 5624524
44		Goth Meer	1446	Shehzad Khan / 0300- 9688797	Zeeshan Haider /0304- 5624524
45		Jalal abad	5436	Khadim Husain #03015734477	M.Arslan #03216937092
46		Saif Pur	1192	Ashiq Hussain /0300- 2931273	Ayaz Shah /0307- 4415043
47		Karnani	1007	Amjad Khan/0300- 6813026	Ayaz Shah /0307- 4415043
48		Sanjar	6270	haji jindwada Khan 3009683584	Talha Majeed 3026800477
49		Jand	4302	Haji Afzal 3008682440	Talha Majeed 3026800477
50		Warheelan	5135	Khalid Hussain/0300- 7817970	Muhammad Abbas /0301-6821930

51		Kurpaal	4604	Muhammad Aslam/ 0301-2431165	Muhammad Zohaib/ 0307-7456044
52		Kot Dadu Ghallu	7949	Fida Hussain /0300- 6840821	Shahzaib Hussain/ 0301- 6885662
53		Dera Bakha	3679	Nasim Abbas/ 0300- 6821509	Abdul Rehman / 0300- 5593306
54		Gull Dera	4676	Saeed Ahmad Khan/ 0307-7349106	Abdul Rehman / 0300- 5593306
55		Utera	9217	Asad Ali Shaheen/ 0303-6739297	Munir Ahmad Bhutta / 0300-9688470
56		Sher Girwaan	2079	Hafeez Ahmad / 0309- 7205099	Munir Ahmad Bhutta / 0300-9688470
57	Bahawalpur City	Fattu Walli		Barkat Ali 0304-4502665	Ali Raza 0300-6827558
58		Ghoat Ghena		Nadeem Sohail 0301-7732358	Ali Raza 0300-6827558
59		Bakhri		Nadeem Sohail 0301-7732358	Ali Raza 0300-6827558
60		Ghaforabad		Malik Iqbal 03009680257	Talha Miraj 03077731203
61		Qadir Buksh channar		Mian Akram Abbasi (0300-8178057	Yasir Mukhtar (0301- 7666673)
62		Pannu		Mian sadiq punnu (0300-6808580)	yasir mukhtar (0301- 7666673)
63		Khanuwali		Malik Shahid 03007808199	Talha Miraj 03077731203
64		Bhinda Dakhli Bindra		Faiz Rasool 03014058346	Talha Miraj 03077731203
65		Weslan		0300-6808788 Haji faiz lumbardar	Muhammad Iqbal 03026505225
66		Jhangi Wali		Muhammad Bakir 03007805440	Ali Akbar 03056646469
67		Mari Qasim Shah		Malik Akbar 03017764242	Muhammad Ali Raza 03004607705
68		Qasra Monjhal		Ashiq 0302258589	Muhammad Ali Raza 03004607705
69		Shouk Rabi		Sahibzada Sa'adat Yar Abbasia 03467888879	Ibrar Rasheed 03087575842
70		Mangwani		Mushtaq 0301 6598575	Usman Niaz 03049921536

71		Chawan		sabir 0300 6826835	Usman Niaz 03049921536
72		Dera masti		m. afzal khan 03027773200	Zeeshan Hashmi 03098413477
73		BaqirPur		Malik Jam Riaz 0300- 6853770	Ahmad Nawaz Khan 0308-2042086
74		Gudpur		Malik Akmal joyia 03006816648	M Moin 03070372118
75		Bhinda Ghulam Hussain		Malik Asghar joyia 03006980980	M Moin 03070372118
76		Bhinda Nowberramda		Malik Asghar joyia 0300 6980980	M Moin 03070372118
77		Bindra		Muhammad Sajjad 0300-4385248	Muhammad Iqbal 03026505225
78		Sahlan		Malik jaffir 0332- 9689317	Saifullah 03156175767
79		Sama Satta		Asghar Kulyar 03008780066	Muhammad Sheharyar Ahmad 03054821571
80	Khairpur Tamewali	Sharaf	1013	Shamim Haider Waseer 0301-6570165	M Irshad 0305-6064772
81		Karampur	6554	Shamim Haider Waseer 0301-6570165	M Mudassir 0300-7110492
82		Dharala Randu	1101	Muhammad Akram 0301-7201213	M Mudassir 0300-7110492
83		Gawans	157	Nazeer Hussain 0300-7722699	Ramzan 0307-6611773
84		Bhinda Chadhrar	541	Khan Ali Khan 0309-4885760	M Mudassir 0300-7110492
85		Bhinda Peer Imam Din	167	Mian Nawazish Ali 0346-4488888	Ramzan 0307-6611773
86		Muradpur Dharala	709	Altaf Dharala 0300-6832138	M Mudassir 0300-7110492
87		Dharala No Bramada	0	Mian Nawazish Ali 0346-4488888	Muhammad Ramzan 0307-6611773
88		Zorkot	2120	Barkurdar 0301-7762816	Rana M Saleem 0301-7757250
89		Qazi Kalra	1624	Qaiser Vain	M.Ramzan 0307-6611773
90		Jhok Lal		Saddique Khan Sila 0300-7732160	M Irshad 0305-6064772

91	Tukra No. 115	1567	Syed Imran Hussain Shah 0300-6475903	M Irshad 0305-6064772
92	Kharal Nubarmad	233	Muhammad Arif 0303-6401991	Ghulam Qadir 0300-7724220
93	Dharala Utam Chand	121	M.Shahzad 0300-7726156	M.Ramzan 0307-6611773
94	Dildara Wains	7	Nil	M.Ramzan 0307-6611773
95	Mamdu Manghera	485	Zulfiqar Ali 0304-2681802	Ghulam Qadir 0300-7724220
96	Kokara Nangana	104	M. Khan Nangana 03007726142	Numan Haneef 0300-7346282
97	Goth Shah Muhammad	1269	Malik Mehboob 0345-8585551	Munawar Hussain 0306-4813070
98	Gaddan	3120	Malik Asif Afzal 0347-6777444	M Aqib 0307-4979990
99	Boonga Ramzan Khan	4548	M Azhar 0304-7997866	Sabir Naveed 0300-7970093
100	Kalra	3081	Abdul Razzaq 0300-6853961	M Aqib 0307-4979990
101	Deeda	718	Mehboob Nawaz 0300-6857470	Ghulam Qadir 0300-7724220
102	Tofera	999	M Iqbal Tofera 0300-2014144	M Irshad 0305-6064772
103	Amin Fatani	694	Rab Nawaz 0301-2273323	Ghulam Qadir 0300-7724220
104	Behli	9521	Muhammad Arif 0303-6401991	Ghulam Qadir 0300-7724220
105	Noor Muhammad Khan	297	Allah Bakhsh 0300-7732940	Ghulam Qadir 0300-7724220
106	Jhok Haji	2121	Ghulam Shabbir 0301-7739317	Ghulam Qadir 0300-7724220
107	Chelawahin	3621	Mian Nizam ud din 0301-6374029	Qaisar Abbas 0301-7337214
108	Ichrani	5762	N/A	Abdul Majeed 0300-7114675
109	Fazloo Kokara	922	Jan Muhammad 0300-7026686	Ghulam Qadir 0300-7724220
110	Darud Giran	1028	M Khan Nangana 0300-2311187	Numan Haneef 0300-7346282
111	Sanatullah	1788	Tariq Nawaz Abbasi 0301-7762529	Ghulam Qadir 0300-7724220

Annex V:List of Industries With Their Risk Level

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
1	Ashraf Sugar mills	KLP ROAD, Ashrafabad, Bahawalpur sadar	Chemical	Medium	Fire
2	Ittefaq sugar mills,	Shafiabad, channi goth, ahmadpur east	Chemical	Medium	Fire
3	Shaukat paper mills	Bahawalpur bypass	Paper	Medium	Fire
4	Asia ghee mills	Klp road. 8km bahawalpur	Chemical	Medium	Fire
5	Shamim Feeds And Ghee industry	Samma Satta Bahawalpur	Chemical	Medium	Fire
6					
7	Khalid modern ghee industries	Vehari road hasilpur	Chemical	Medium	Fire
8	Bismillah cotton factory,	Klp road, bahawalpur	Cotton	Medium	Fire
9	Kamran model factory,	Bahawalpur road, ahmedpur east.	Cotton	Medium	Fire
10	Munir& company cotton ginning & pressing factory,	Ahmedpur road, sultan nagar, khangah sharif	Cotton	Medium	Fire
11	Al-khair cotton ginning pressing & oil mills,	Bahawalpur road, ahmedpur east.	Cotton	Medium	Fire
12	Bajwa cotton industries,	Kotla musa khan, ahmedpur east.	Cotton	Medium	Fire
13	Five Star Industries Cotton Ginning pressing & Oil Mills,	By pass, Bahawalpur	Cotton	Medium	Fire
14	Chaltaf Hussain , Al-Seerat Cotton Ginning Pressing & Oil Mills,	Kotla Musa Khan Road, Ahmedpur East.	Cotton	Medium	Fire
15	Al- rehman cootton factory	Mehrabwala road, ahmedpur east.	Cotton	Medium	Fire
16	A.b.m industries cotton ginning pressing & oil mills,	High way level bridge, bahawalpur.	Cotton	Medium	Fire
17	Al-jameel cotton ginning & oil mills,	Kotla musa khan road, ahmedpur east.	Cotton	Medium	Fire
18	Yazman cotton ginning pressing & oil mills	Chak no.103/db tail wala road, yazman.	Cotton	Medium	Fire
19	Itthed cotton factory & oil mills,	Bahawalpur road, noorpur noranka, bahawalpur	Cotton	Medium	Fire
20	Khan ginners,	Uch sharif road,	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
		ahmedpur east.			
21	Elahi cotton factory	Bahawalpur road, ahmedpur east.	Cotton	Medium	Fire
22	Al-aziz cotton factory,	Bahawalpur road, ahmedpur.	Cotton	Medium	Fire
23	Najaf cotton ginning pressing factory	Mubarkpur. Ahmadpur east	Cotton	Medium	Fire
24	Aziz & sons cotton ginning & pressing factory,	Chak no, 153 np, ahmedpur east.	Cotton	Medium	Fire
25	Abbassi cotton ginning/al- rehman cotton factory,	Uch sharif. Ahmadpur east	Cotton	Medium	Fire
26	Kamran flour & general mills,	Jangichowk , ahmedpur east.	Building Collapse/fall from height	Low	
27	Cholistan Textile Mills, Limited,(Closed)	Ahmedpur Road, Bahawalpur.	Cotton	Low	Fire
28	Al-Azhar Textile Mills, Limited, (closed)	Chak No,7BC Hasilpur Road, Bahawalpur	Cotton yarn	Medium	Fire
29	Jan Muhammad Flour Mills (pvt) Limited,.	Ahmedpur Road, Bahawalpur	Building Collapse/fall from height	Low	
30	Fatima flour mills	Footowali road, bahawalpur	Building Collapse/fall from height	Low	
31	Maqbool flour mills,	By pass klp road, bahawalpur	Building Collapse/fall from height	Low	
32	Asia ghee mills,	Dera masti, ahmedpur road, bahawalpur	Chemical	Medium	Fire
33	Rasool model industries.	Mehrabwala road, ahmedpur east	Cotton	Medium	Fire
34	Cholistan cotton ginners,	Ahmedpur road, bahawalpur.	Cotton	Medium	Fire
35	Maqboolmadel Ginning & Oil Mills,	Chack No, 103 DB, Tail Wala Road, Yazman	Chemical	Medium	Fire
36	Mohkam cotton factory,.	Ahmedpur road, bahawalpur	Cotton	Medium	Fire
37	Ittefaq cotton ginners & oil mills,	Mubarkpur road, noorpurneura, bahawalpur.	Cotton	Medium	Fire
38	Al- Haq Cotton Ginning Pressing and Oil Mills	By pass Road, Bahawalpur.	Cotton	Medium	Fire
39	Co-operative Cotton Ginning & Pressing Factory	Hasilpur.	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
40	Ahmed faiz cotton industries	Mouzakotlahataji, ahmedpur.	Cotton	Medium	Fire
41	Khawaja bashir ahmed cotton factory	Uch sharif road, ahmedpur east.	Cotton	Medium	Fire
42	Rehmatramzan Cotton Industries, Mouzawahi Hussain	Mouzawahi Hussain, Bahawalpur	Cotton	Medium	Fire
43	Rehmatkhair Cotton Factory,	Adda 13 Soling Chak No,12BC, Yazman Road, Bahawalpur .	Cotton	Medium	Fire
44	Sun rise cotton ginning & oil mills	Kalanchwala, bahawalpur	Cotton	Medium	Fire
45	Junid cotton ginners & oil mills	Uch road, ahmadpur east.	Cotton	Medium	Fire
46	Shamim feeds industries (pvt) limited	Samasatta link road, bahawalpur.		Medium	
47	Shahida flour mills	5km samasatta road, khanowali, bahawalpur.	Building Collapse/fall from height	Low	
48	Madina flour mills	Ahmedpur east road, uch sharif.	Building Collapse/fall from height	Low	
49	Doaba oil mills industries	Mouzaghanipur by pass, bahawalpur.	Chemical	Low	
50	Sinco steel re-rolling mills(pvt)limited	Samasatta link road, bahawalpur	Chemical	Medium	Fire
51	Quality trading factory	By pass , bahawalpur		Medium	Fire
52	Haris flour mills	Mouzaramay, ahmedpur road, bahawalpur.	Building Collapse/fall from height	Low	
53	Rising sun flour mills	Muzaramay, bahawalpur	Building Collapse/fall from height	Low	
54	My lab medicine	Near khanqa sharif, bahawalpur		Low	
55	M. Nazim industries unit no	by pass bahawalpur.		Medium	
56	Al-rehman cotton industries	Yazman	Cotton	Medium	Fire
57	Al-noor cotton ginners	Uch sharif road, ahmedpur	Cotton	Medium	Fire
58	Doaba cotton industries	Klp road, khanqa sharif , bahawalpur .	Cotton	Medium	Fire
59	Bahawalpur power re-rolling mills	Samasatta bahawalpur		Medium	
60	Ever green cotton	Kotla road,	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
	factory&oil mills	ahmedpur east.			
61	Mian cotton ginning pressing & oil mills,	Noor pur. Bahawalpur	Cotton	Medium	Fire
62	Rajput industry & oil mills,	Musafirkhana, ahmedpur road, bahawalpur.	Chemical	Medium	Fire
63	Muslim model ginning pressing cotton factory,	Mouzasangirjhangiw ali road, bahawalpur.	Cotton	Medium	Fire
64	Yasrab cotton factory,	Jhangiwali road, bahawalpur	Cotton	Medium	Fire
65	Barkat food industries	Small industrial estate, bahawalpur.	Food products	Low	
66	Asia flour mills	Small industrial estate, bahawalpur	Building Collapse/fall from height	Low	
67	Al-hassan industries cotton ginning & pressing	Chelawhanisrani, tehsikhairpur tamawalli.	Cotton	Medium	Fire
68	Nasir industries ,Flour Mills,	Havey Factory Area, Bahawalpur.	Building Collapse/fall from height	Low	
69	Hameed sons cotton industries & oil mills, hasilpur.	Hasilpur	Cotton	Medium	Fire
70	Sharif cotton factory,limited	Ghalamandi hasilpur	Cotton	Medium	Fire
71	Al-fasil Cotton Industries (Private) Limited,	Bahawalpur road, hasilpur.	Cotton	Medium	Fire
72	Sharif flour & general mills (pvt) limited	Vehari road, hasilpur.	Cotton	Low	Fire
73	Kiran flour mills,	Small industrial estate, bahawalpur.	Building Collapse/fall from height	Low	
74	Bahawalpur engineering private limited,	Small industrial estate, bahawalpur.	Electric wire	Low	Fire
75	Blue star spinning mills,	Hasilpur road, lalsohanra.bwp.	Cotton yarn	Medium	Fire
76	Khalid modern industries cotton factory,	Vehari road, hasilpur.	Cotton	Medium	Fire
77	Mian muhammad rafeeq& sons cotton industries,	Disposal road, hasilpur.	Cotton	Medium	Fire
78	Mian modern ginning industries,disposal road, hasilpur.	Disposal road, hasilpur.	Cotton	Medium	Fire
79	National cotton industries	Jalandar colony, road, hasilpur.	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
80	Muslim cotton industries, jalandar colony, road, hasilpur.	Jalandar colony, road, hasilpur.	Cotton	Medium	Fire
81	Nisar ahmed & brothers (pvt) cotton ginning v. Road, hasilpur.	Vehari road, hasilpur.	Cotton	Medium	Fire
82	Cholistan ginners (pvt) limited	Dahranwala road, chonawala, tehsil hasilpur.	Cotton	Medium	Fire
83	Hafiz flour mills,	Small industrial estate, bahawalpur.	Building Collapse/fall from height	Low	
84	Allied flour mills, jhangiwali road, bahawalpur.	Jhangiwali road, bahawalpur.	Building Collapse/fall from height	Low	
85	Ch. Kashifsaeed Flour Mills, Jhangiwali Road, Bahawalpur.	Jhangiwali road, bahawalpur.	Building Collapse/fall from height	Low	
86	Gulab flour mills	Bahawalpur road, hasilpur.	Building Collapse/fall from height	Low	Fire
87	K.k.s cotton ginning & oil mills	Addahabib abad bahawalpur road, khaipur tamawali.	Cotton	Medium	Fire
88	Bahawalpur Model Ginning & oil Mills	Jhangiwali Road, derabakha	Cotton	Medium	Fire
89	Rehman auto industry,	8-k, hasilpur road, bahawalpur.		Low	
90	Cheema cotton industry,	Vehari road, hasilpur.	Cotton	Medium	Fire
91	Mian Cotton factory,	Bahawalpur road, hasilpur.	Cotton	Medium	Fire
92	Khalid brothers cotton industries,	Talhar road, hasilpur.	Cotton	Medium	Fire
93	Ayub brothers cotton industries	Chonawala road, hasilpur.	Cotton	Medium	Fire
94	Khalid afza cotton industries	Jhangiwali road, derabakha, bahawalpur.	Cotton	Medium	Fire
95	Shahdman cotton industries,	Chonawala road, hsp	Cotton	Medium	Fire
96	Sial cotton factory,	Jhangiwali road, derabakha, bahawalpur.	Cotton	Medium	Fire
97	Adil cotton factory	19-fw talhar road, hasilpur	Cotton	Medium	Fire
98	Kashif cotton factory	Talhar road,	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
		hasilpur.			
99	Adnan flour mills,	Jhangiwali road, bahawalpur.	Building Collapse/fall from height	Medium	
100	Karkhana alat-e-zari, alat heavy industrial area, bahawalpur	Bahawalpur city		Low	
101	Nutritional food works & chemicals pvt limited, 66-67-a small industries estate multan road bahawalpur	Bahawalpur city	Chemical	Medium	Fire
102	Arshad industries piyas pure water, Arshad town samma satta road bahawalpur	Bahawalpur sadar		Low	
103	Saleh sons foods ½ bwp.road , ahmedpur east.	Ahmedpur east		Low	
104	Aziz bottling company, Dd-1 small industry estate, bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
105	Al-hafeez cold storage, back side paradise cinema, hafeez colony bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
106	Bismillah cold storage mukhtar abad chak kotora road hasilpur	Hasilpur	Ammonia Gas	Medium	
107	Iqbal cold storage jalandar colony road hasilpur	Hasilpur	Ammonia Gas	Medium	
108	Khawaja cold storage, multan road bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
109	Khokher cold storage near old post office road ahmadpur east	Ahmedpur east	Ammonia Gas	Medium	
110	Kissan cold storage sabzi mandi bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
111	Masha allah cold storage (old name fayyaz cold storage) settlite town uch road ahmadpur east	Ahmedpur east	Ammonia Gas	Medium	
112	Mecca cold storage, bahawalpur road, ahmedpur	Ahmedpur east	Ammonia Gas	Medium	
113	Muslim cold storage multan road bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
114	National cold storage vehari road hasilpur	Hasilpur	Ammonia Gas	Medium	
115	Rafiq gill cold storage and ice factory vehari road gill colony hasilpur	Hasilpur	Ammonia Gas	Medium	
116	Saeed cold storage, heavy industrial area bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
117	Saeedi cold storage bye pass road bahawalpur		Ammonia Gas	Medium	
118	Tawakal cold storage bahawalpur road ahmedpur	Ahmedpur east	Ammonia Gas	Medium	

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
119	United cold storage bye pass road bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
120	Yazman cold storage, bye pass road bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
121	Abbasi cold storage, ahmadpur road new sabzi mandi bahawalpur	Bahawalpur city	Ammonia Gas	Medium	
122	Rahmat cold storage, choonawala road, hasilpur	Hasilpur	Ammonia Gas	Medium	
123	Makkah cold storage ahmedpur east	Ahmedpur east	Ammonia Gas	Medium	
124	Muhammadi cold storage, kotla moosakhan road ahmedpur east.	Ahmedpur east	Ammonia Gas	Medium	
125	A.q.cotton industries (pvt) ltd bye pass road bahawalpur		Cotton	Medium	
126	Abasi-al madni industries c/g/pressing fty. Saradar pur khirpur tamiwali bahawalpur	Khairpur tame wali		Medium	
127	Abbass cotton factory mauza abbass nagar hasilpur road bahawalpur	Bahawalpur sadar	Cotton	Medium	Fire
128	Abdul qayyum cotton industry, vehari road hasilpur bahawalpur	Hasilpur	Cotton	Medium	Fire
129	Abrahime cotton ginning pressing factory mouza chachran gt road ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
130	Ahmedpur cotton factory, chani goth, gt road ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
131	Ahmedpur cotton factory, uch sharif road, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
132	Akramia cotton ginning & pressing factory, jhangi wala road bahawalpur	Bahawal Pur City	Cotton	Medium	Fire
133	Al-fasial cotton factory, bahawalpur road hasilpur	Hasilpur	Cotton	Medium	Fire
134	Al-fateh cotton industry (pvt) ltd., mouza talher, hasilpur	Hasilpur	Cotton	Medium	Fire
135	Al-hafiz cotton ginners, ahmedpur road, mouza dera masti bahawalpur	Bahawalpur city	Cotton	Medium	Fire
136	Al-hamed cotton ginning pressing factory and oil mills, mouza kikas, uch sharif ahmedpur	Ahmedpur east	Cotton	Medium	Fire
137	Al-hamed model cotton ginning and pressing bahawalpur road, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
138	Al-haq enterprise near boys high school hasilpur	Hasilpur		Medium	Fire
139	Al-hassan cotton ginning	Ahmedpur east	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
	pressing factory (ali hussain group), klp road, uch sharif, ahmedpur east				
140	Al-hussain cotton ginning & pressing (fazal ijaz group) klp road uch sharif ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
141	Allied cotton ginners, jhangiwal road, bahawalpur	Bahawalpur	Cotton	Medium	Fire
142	Al-madina model cotton ginning pressing oil mills, chak no.103-db, tailwala road, yazman	Yazman	Cotton	Medium	Fire
143	Al-qadar cotton ginning pressing & oil mills kotla musa khan ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
144	Al-rehman cotton ginning & pressing factory ahmedpur east road	Ahmedpur east	Cotton	Medium	Fire
145	Al-rehman model industries, mauza kikas, chani goth road, uch sharif, ahmedpur	Ahmedpur east	Cotton	Medium	Fire
146	Al-seerat cotton ginning pressing factory kotla musa khan , ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
147	Amir hamza cotton factory, hasilpur road, khajiwala, khairpur tamewali	Khairpur tamewali	Cotton	Medium	Fire
148	Arain model cotton ginning factory tailwala road chak no.106 db yazman	Yazman	Cotton	Medium	
149	Ashraf modern cotton factory chishtian road hasilpur	Hasilpur	Cotton	Medium	Fire
150	Awami cotton ginning and pressing factory, vehari road hasilpur	Hasilpur	Cotton	Medium	Fire
151	Awan cotton ginners mouza suiwahar musafarkhana		Cotton	Medium	Fire
152	Aziz & sons factory chak no. 153/db chani goth ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
153	Aziz cotton factory, chishtian road, hasilpur	Hasilpur	Cotton	Medium	Fire
154	Bahawalpur model ginning and oil mills jhangiwal road mauza gul dera bahawalpur	Bahawalpur city	Cotton	Medium	Fire
155	Bismillah cotton ginners klp road uch sharif	Ahmedpur east	Cotton	Medium	Fire
156	Bismillah cotton industries (pvt) ltd., ahmedpur east road	Ahmedpur east	Cotton	Medium	Fire
157	Bukhari cotton ginning & pressing factory kalanchwala bahawalpur	Bahawalpur sadar	Cotton	Medium	Fire
158	Ch. Liaqat ali and brothers cotton ginners chak no.160	Hasilpur	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
	murrad hasilpur road choonawala, hasilpur				
159	Channan peer c.g.p. & oil mills (pvt) ltd. Chak no. 103/db tailwala road yazman	Yazman		Medium	Fire
160	Chattah cotton enterprises (pvt) ltd. Chak no.42 db bahawalpur road yazman	Yazman	Cotton	Medium	Fire
161	Chaudhry brothers cotton ginners (old name haroon cotton ginning and pressing factory) goth shah muhammad hasilpur road, khairpur tamiwali	Khairpur tamewali	Cotton	Medium	Fire
162	Chaudhry cotton ginners (old name khan cotton ginning and pressing factory) jhangi wala road	Bahawalpur city	Cotton	Medium	Fire
163	Chaudhry model cotton factory, vehari road hasilpur	Hasilpur	Cotton	Medium	Fire
164	Cheema industries, mouza ali muhammadwala, uch road, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
165	Cholistan cotton factory chak no.51-bd bahawalpur road yazman	Yazman	Cotton	Medium	Fire
166	Choolistan ginners (pvt) ltd choonawala hasilpur	Hasilpur	Cotton	Medium	Fire
167	Data cotton & oil mills 110- db tailwala road yazman	Yazman		Medium	Fire
168	Dera bakha cotton factory hasilpur road dera bakha bahawalpur	Bahawalpur sadar	Cotton	Medium	Fire
169	Five star cotton industries chak bughwala head raj kan rdoa yazman	Yazman	Cotton	Medium	Fire
170	Friends cotton and oil industries (pvt) ltd., habibabad hasilpur road, khairpur tamewali	Khairpur tamewali	Cotton	Medium	Fire
171	Jhelans (pvt) ltd mauza arainwala chanigoth ahmadpur east	Ahmedpur east		Medium	Fire
172	Ghauri cotton industry, 29/dnb yazman	Yazman	Cotton	Medium	Fire
173	Ghous ul azam cotton ginning pressing and oil mills, moza bhinda, bye pass road, ahmedpur	Ahmedpur east	Cotton	Medium	Fire
174	Ghous al azam cotton factory, ahmedpur road, uch sharif, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
175	Gill cotton factory bahawalpur road hasilpur	Hasilpur	Cotton	Medium	Fire
176	Golra sharif cotton ginning pressing factory ahmedpur	Ahmedpur east	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
	road, uch sharif ahmedpur east				
177	Gul cotton factory mauza gul dera jhangiwala road bahawalpur	Bahawalpur city	Cotton	Medium	Fire
178	Gulab cotton ginning and pressing & oil mills chak no.58 db tailwala road yazman	Yazman	Cotton	Medium	Fire
179	Haji faiz mohammad and sons kotla musa khan road ahmedpur east	Ahmedpur east		Medium	Fire
180	Haji faiz muhammad cotton ginning factory & oil mills, hataji, ahmedpur east	Ahmedpur east		Medium	Fire
181	Hameed and sons cotton industry choona wala rod hasilpur	Hasilpur	Cotton	Medium	Fire
182	Hassan muhammad cotton factory, chak no.43/db, yazman	Yazman	Cotton	Medium	Fire
183	Hayat and sons cotton industries cotton ginning pressing and oil mills bahawalpur road hasilpur	Hasilpur	Cotton	Medium	Fire
184	Ideal pakistan industres (pvt) ltd chak no.51-db bahawalpur road yazman	Yazman		Medium	Fire
185	Jaja cotton ginning & pressing oil mills chak no.53-db bahawalpur road yazman	Yazman		Medium	Fire
186	Jhokia cotton ginning and pressing factory, 110-db tailwala road yazman	Yazman	Cotton	Medium	Fire
187	Kamran model factory (pvt) ltd (ginning section) bye pass road ahmedpur east	Ahmedpur east		Medium	Fire
188	Khair muhammad industries cotton ginning, pressing & oil mills, jhangi wala road	Bahawalpur city	Cotton	Medium	Fire
189	Khair-ul-sanat cotton ginning factory chak no.50-db tailwala road, yazman	Yazman	Cotton	Medium	Fire
190	Khalid modern industries (ali cotton industries (pvt) ltd) choona wala road hasilpur	Hasilpur	Cotton	Medium	Fire
191	Khalid modern industries (pvt) ltd (unit no.1) vehari road hasilpur	Hasilpur		Medium	Fire
192	Khan brohters cotton ginning pressing and oil mills (unit 2), mubarikpur ahmedpur	Ahmedpur east	Cotton	Medium	Fire
193	Khan brothers ltd., jhangiwala road, bahawalpur	Bahawalpur city		Medium	Fire
194	Khan ginners (pvt) ltd., bye pass road, bahawalpur	Bahawalpur city	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
195	Kohinoor industries, mouza rangpur, noorpur head rajkan road, bahawalpur	Bahawalpur city		Medium	Fire
196	Madina cotton factory chak 69/db kudwala yazman	Yazman		Medium	Fire
197	Madina cotton factory klp road mauza kikas uch sharif ahmadpur east	Ahmedpur east	Cotton	Medium	Fire
198	Madni cotton factory janowala road mubarikpur road ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
199	Madni cotton industry (pvt) ltd kotla musa khan road ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
200	Marral cotton industries chak no.101/db tailwala road yazman	Yazman	Cotton	Medium	Fire
201	Masha allah cotton ginning & pressing factory, mauza sultanpur, ahmedpur road, uch sharif, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
202	Mauzamil cotton industries (pvt) ltd. Mubarik pur road noorpur noranga bahawalpur		Cotton	Medium	Fire
203	Mian shair muhammad cotton factory, ghalla mandi hasilpur	Hasilpur	Cotton	Medium	Fire
204	Mudassar industries (pvt) ltd. Chak no.35/db head rajkan yazman	Yazman		Medium	Fire
205	Muslim model cotton ginning factory jallandar colony road, hasilpur	Hasilpur	Cotton	Medium	Fire
206	Nawab cotton & oil mills tailwala road yazman	Yazman		Medium	Fire
207	Neelum cotton factory(old name kissan cotton ginning factory) chak no.57-db tailwala road yazman	Yazman		Medium	Fire
208	Nusrat shaheen cotton factory khairpur daha road,uch sharif, ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
209	Pak arian cotton ginning & oil mills 107/db tailwala road yazman	Yazman	Cotton	Medium	Fire
210	Pak punjab cotton ginning & pressing (pvt)ltd 103-db tailwala road yazman	Yazman		Medium	Fire
211	Pakistan cotton factory bangla road hasilpur	Hasilpur	Cotton	Medium	Fire
212	Qadir cotton industries ltd., israni khirpur tamewali	Khairpur tamewali	Cotton	Medium	Fire
213	Qadria cotton ginning & pressing industries choona wala road hasilpur	Hasilpur	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
214	R.c.a. Factory tranda road chani goth ahmedpur east	Ahmedpur east		Medium	Fire
215	R.c.a.ginning factory mehmooodabad chani goth road ahmedpur east	Ahmedpur east		Medium	Fire
216	Raja cotton industry, 29-dnb yazman	Yazman	Cotton	Medium	Fire
217	Rehman cotton factory, klp road, ahmadpur	Ahmedpur east	Cotton	Medium	Fire
218	Rehmat khair muhammad industries, 12 bc yazman road bahawalpur	Bahawalpur city		Medium	Fire
219	Rehmat ramzan cotton ginning & pressing factory, karachi road, mubarikpur, ahmadpur east	Ahmedpur east	Cotton	Medium	Fire
220	Roohi cotton industries (pvt) ltd. Head rajkan road yazman	Yazman	Cotton	Medium	Fire
221	S.a .cotton factory klp road uch sharif ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
222	Sahra cotton industreis (pvt) ltd chak no. 106/db tailwala road yazman	Yazman	Cotton	Medium	Fire
223	Shadab cotton ginning & pressing factory chak no.111/db ahmedpur east yazman	Yazman	Cotton	Medium	Fire
224	Shadab industries vehari road hasilpur	Hasilpur		Medium	Fire
225	Silver shine industries (pvt) ltd mauza talhar hasilpur	Hasilpur		Medium	Fire
226	Sittara cotton ginning & oil mills 140/dnb yazman	Yazman	Cotton	Medium	Fire
227	Sohail faraz cotton industries chak no.39/dnb yazman	Yazman	Cotton	Medium	Fire
228	Sohail umair cotton ginning pressing and oil mills noorpur head rajkan road yazman	Yazman	Cotton	Medium	Fire
229	Sutlej cotton ginning pressing oil & ice factory, vehari road, hasilpur	Hasilpur	Cotton	Medium	Fire
230	Suttej enterprises (pvt) ltd. Chak no.1 dnb, yazman	Yazman		Medium	Fire
231	White gold cotton industry (pvt) ltd., chak no.82 f choonawala road hsailpur	Hasilpur	Cotton	Medium	Fire
232	White rose cotton industries (pvt)ltd. Pull 13000 head rajkan road tehsil yazman	Yazman	Cotton	Medium	Fire
233	Yaseen arshad industries jihangiwala road bahawalpur	Bahawalpur city		Medium	Fire
234	Zamindarah cotton factory chak no.144/murad dhranwala road hasilpur	Hasilpur	Cotton	Medium	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
235	M.nazam industries cotton g/p & oils mills multan by pass, near satluj bridge bahawalpur	Bahawalpur city	Cotton	Medium	Fire
236	Wajid & brother pvt industry limited genning pressing & oils mills, Kotla mosaa khan road ahmedpur east	Ahmedpur east		Medium	Fire
237	Nasir cotton ginning & oil mills, Railway road heavy industrial area bahawalpur	Bahawalpur city	Cotton	Medium	Fire
238	Bahawal cotton ginners, bahawalpur	Bahawalpur city	Cotton	Medium	Fire
239	Sheikh cotton gineeers & oil mills,	Bahawalpur city	Cotton	Medium	Fire
240	Wahab cotton factory Mauza mangraja noorpur road		Cotton	Medium	Fire
241	Sardar cotton industry mumbrak road noorpur		Cotton	Medium	Fire
242	White gold cotton industries chauna wala road hasilpur	Hasilpur	Cotton	Medium	Fire
243	Arshad brother cotton ginners, Opposite asia ghee mill ahmedpur road	Ahmedpur east	Cotton	Medium	Fire
244	Chanab cotton ginning, pressing factroy, Channi goth ahmedpur east	Ahmedpur east	Cotton	Medium	Fire
245	Imran & co cotton ginners kalanch wala, musafir khana	Bahawalpur sadar	Cotton	Medium	Fire
246	Gulshan cotton industries & oil mills	Bahawalpur city	Cotton	Medium	Fire
247	Shabbir cotton ginners & oils mills, Chak no 40-dnb yazman	Yazman	Cotton	Medium	Fire
248	Saqib cotton ginners Choona wala road, hasilpur	Hasilpur	Cotton	Medium	Fire
249	Al-hamd flour mills, ahmedpur	Ahmedpur east	Building Collapse/fall from height	Low	
250	Arfat flour mills, dera nawab, ahmedpur east	Ahmedpur east	Building Collapse/fall from height	Low	
251	Aziz flour mills, sie bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
252	Batala flour mills heavy industrial area bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
253	Chaudhry flour mills talhar road hasilpur	Hasilpur	Building Collapse/fall	Low	

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
			from height		
254	Chishstian flour mills, 12-bc yazman road bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
255	Chiragh flour mills, mouza wahi qadir dina, ahmedpur	Ahmedpur east	Building Collapse/fall from height	Low	
256	Ghousul azam flour mills, uch sharif, ahmedpur east	Ahmedpur east	Building Collapse/fall from height	Low	
257	Golden flour mills chak 58-db tailwala road yazman	Yazman	Building Collapse/fall from height	Low	
258	Habib flour mills, adda ahmedpur, khairpur tamewali	Khairpur tamewali	Building Collapse/fall from height	Low	
259	Ittehad flour mills, 2 km kotla musa khan road, ahmedpur east	Ahmedpur east	Building Collapse/fall from height	Low	
260	Khalid flour mills samasatta-khanowali road, bahawalpur	Bahawalpur sadar	Building Collapse/fall from height	Low	
261	Kohinoor flour mills, bahawalpur road, rangpur, bahawalpur	Bahawalpur sadar	Building Collapse/fall from height	Low	
262	Lasani flour mills, noorpur, bahawalpur	Bahawalpur sadar	Building Collapse/fall from height	Low	
263	Mohkim flour mills, khanqah sharif, bahawalpur	Bahawalpur sadar	Building Collapse/fall from height	Low	
264	Moon light flour mills chak no. 7/bc hasilpur road, bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
265	New green star flour mills near goth bajan railway phattak bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
266	Rohi flour miss, mouza tibbi izzat, bhawalpur road, ahmedpur east.	Ahmedpur east	Building Collapse/fall from height	Low	
267	Panjnad flour mills, punjnod town, bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
268	Shadab flour mills baghdad road shadab colony, bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
269	Sheraz flour mills, jhangiwala road, bahawalpur	Bahawalpur city	Building Collapse/fall	Low	

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
			from height		
270	Sohail umair flour mills noorpur head rajkan road yazman	Yazman	Building Collapse/fall from height	Low	
271	Sutluj flour mills, sie, bahawalpur.	Bahawalpur city	Building Collapse/fall from height	Low	
272	Thotha flour mills, chak no. 47/dnb, shahiwala road, ahmadpur road, yazman	Yazman	Building Collapse/fall from height	Low	
273	Uch flour mills, khairpur daha road, ahmedpur east	Ahmedpur east	Building Collapse/fall from height	Low	
274	Union flour mills bye pass road, bahawalpur	Bahawalpur city	Building Collapse/fall from height	Low	
275	Jan flour mills pvt limited ahmedpur east	Ahmedpur east	Building Collapse/fall from height	Low	
276	M.s auto industry 8.5 km hasilpur road, bahawalpur	Bahawalpur city			
277	Jan auto industry multan road near bypass chowk karachi morr, bahawalpur	Bahawalpur city			
278	Dharala autos industry hasilpur road bahawalpur	Bahawalpur city			
279	Shaukat paper mills bye pass road, bahawalpur	Bahawalpur city			
280	Agro lix chemicals, small industrial area near by pass bahawalpur	Bahawalpur city	Chemical		Fire
281	Zephyr agro chemicals pvt limited, 15-3b small industries estate bahawalpur	Bahawalpur city	Chemical		Fire
282	Al-noor agro chemicals, 61-a, small industrial estate bahawalpur	Bahawalpur city	Chemical		Fire
283	Reeha agro chemicals & seeds, 63-63/a smalls industries estate multan road bahawalpur	Bahawalpur city	Chemical		Fire
284	Glassren oleo industries lemetree pvt limited, 7-km head rajkan road, khangah sharif	Bahawalpur sadar	Chemical		Fire
285	Super pesticides, 7-a, s.i.e. Bahawalpur	Bahawalpur city	Chemical		Fire
286	Exert chemicals & cheema seed corporation, 58-a, s.i.e. Bahawalpur	Bahawalpur city	Chemical	Low	Fire

Sr.	Industry Name	Location	Risk Type (Chemical, Biological, Radiological, Nuclear)	Risk Level (low, medium, high)	Prone to Hazard? Fire/ Floods/Earthquake
287	Master Protein processer (pvt) ltd. Behind paras textile mill mauza dera masti , bahawalpur	Bahawalpur sadar	Chemical	Low	Fire

FOCAL PERSONS OF LIVESTOCK

DISTRICT HEAD QUARTER

Sr. No.	Jurisdiction	Name of Focal Person	Designation	Contact No.
1	District Bahawalpur	Ahmad Raza	Senior Clerk	0301-7712420
2		Muhammad Saad	Junior Clerk	0302-4735151

PROCUREMENT & LOGISTIC CELL OF LIVESTOCK

Following officer assigned the task of procurement of all concerned logistics and their prompt supply at flood sector and camps.

#	Name of Focal Person	Designation	Contact No.
1	Dr. Mujahid Abbas (District Bahawalpur)	Additional Director Livestock Bahawalpur	0300-6368658

STAFF DEPLOYMENT BY LIVESTOCK

Name of Flood Relief Centers	Name of Veterinary Officer as In charge Flood Relief Centre.	Contact No.	Name of veterinary Assistant Deputed for Flood emergency
Gul Dera	Dr. Muhammad Wasiq	0300-8971948	Ghulam Mustafa
			Muhammad Irfan
			M.Sajid Va
			Kashif abbas Va
Jalal Abad	Dr. Ayaz Ahmad Awan Va	0304-7291031	Syed Javid Hussain shah
			Muhammad lfran shah
			Asad Shah

Anayati	Dr. Noman Elahi (VO)	0300-4421945	Muhammad Qasim
Satluj Pull	Dr. Muhammad Mouzam	0301-5598456	Syed Tehseen Ahmad raza VA
			M.Sadiq VA
Fatu Wali	Dr. Muhammad Mouzam	0301-5598456	Mr.Fawad va
			Ali Hassan Va
Head Islam	Dr. Asad Hannan	0300-4119575	Adnan Ali VA CVD Head Islam
			Muhammad Kashif
			Syed Muhammad Ahmad
			Hafiz Muhammad Mushtaq Hussain
Jamalpur (Baqain Wala)	Dr. Muhammad Tanzil-Ur-Rehman	0345-5275459	Muhammad Hassan
			Saeed Ahmad
			Haq Nawaz
			Muhammad Jahangir
Lala Dera	Dr.Muhammad Wasiq Vo	0300-8971948	Mr.Ghulam Mustafa Va
			Mr.M Irfan arshad Va
			M.Sajid Va
Israni	Dr. jamshid hussain (VO)	0309-4668359	Abdul Rauf VA
			Wali Dad CA
Pipli Rajan	Dr. Muhammad Rizwan VO	0300-6826670	Muhammad Ishaq VA
			Sabir Ali Naqi
			Muhammad Touqeer
			Muhammad Makki
Jhangra	Dr. Muhammad Zubair	0306-6962339	Mehboob Alam
			Adnan Tariq
			Hafiz Muhammad Ahamd
			Abdul Latif
Dhoor Kot	Dr. Muhammad Zubair	0306-6962339	Ghulam Rasool VA
			Nazir Ahmed VA
			Hafiz Mukhtar Ahmad VA
			Khalid Mehmood VA
Chanab Rasool Pur	Dr. Muhammad Ijaz	0304-7816684	Khuram shahzad
			Ghulam Rasool
			Zia ur rehman
			Muhammad Akhtar

ESTABLISHMENT OF RESCUE / RAPID RESPONSE AND RELIEF MEASURES

Team	District	Name of VO	Name of VAs	Vehicle
MVD-Bahawalpur	Bahawalpur	Dr. Waqas Aslam	Tasswar Manzoor VA	Allotted
MVD-Ahmadpur East			M. Ijaz Ca	
MVD- Hasilpur		Dr. Muhammad Ijaz VO	M. Huzafa VA	Allotted
			Muhammad Safdar CA	
MVD-Khairpur Tamewali		Dr. Umair Ishfaq	Muhammad Yaseen VA	Allotted
			Majid Shoaib CA	
MVD-Khairpur Tamewali		Dr. Jamshid hussain VO Sardar VO MVD khairpur Tamewali	Naveed Akhtar VA Jhoke haji	Allotted
			Walidad	

LIVESTOCK POPULATION

Sr. #	Districts	Large Animals	Small Animals	Poultry
1	Bahawalpur	101262	69103	44058

LIST OF VACCINES USED IN FLOOD PRONE DISTRICTS

Sr. #	Vaccine type	Animal type
1	Hemorrhagic Septicemia Vaccine(HSV)	Cattle &Buffaloes
2	Black Quarter Vaccine(BQV)	Cattle &Buffaloes
3	Caprine Pleuropneumonia Vaccine (CPV)	Sheep &Goats
4	Peste-Des-Petits Ruminates Vaccine(PPRV)	Sheep &Goats
5	Enterotoxaemia Vaccine(ETV)	Sheep &Goats
6	New Castle Disease Vaccine(NDV)	Poultry

LIST OF VACCINE USED IN FLOOD PRONE DISTRICTS ON DEMAND

1	Foot and Mouth Disease Vaccine (FMDV)	Cattle & buffaloes
2	Sheep Pox Vaccine (SPV)	Sheep
3	Goat Pox Vaccine (GPV)	Goats
4	Fowl Pox Vaccine (FPV)	Poultry

Annex VI: List of NGO,s Working in the District

Sr.#	Name of NGO	Name of head and contact No.	Name and Contact No. of focal person	Registered Volunteers (Male & Female)	Tents	Food hampers	Water Tanks	Available financial resources
1	Pelican Development Organization Model Town – C/Bahawalpur	Mrs. Uzma03009681390	Mrs.uzma03009681390	Yes	Yes	Yes	Yes	Yes
2	Aashian Development Organization MouzaDeralzzat Bahawalpur	RehanaPrveen0300-7818021	RehanaPrveen0300-7818021	Yes	Yes	Yes	Yes	Yes
3	Public Welfare Society BastiBangan Bahawalpur	Abdul jabbar0300-9682547	Abdul jabbar0300-9682547	Yes	Yes	Yes	Yes	Yes
4	Noor-ul-Huda Welfare Organization for disabled Muhalla Muhammad abad Street No.03 , TibbaBadarSher Bahawalpur	Rasheedjan0308-8704622	Rasheedjan0308-8704622	Yes	Yes	Yes	Yes	Yes
5	Mashal Development Organization , Girigunj Bazar Bahawalpur	M. Jamshad03002822180	M. Jamshad0300282218	Yes	Yes	Yes	Yes	Yes
6	Bahar Social Development Organization , Street No.1 Islaml colony CMH Chowk Bahawalpur	MrsSumara03008640060	MrsSumara03008640060	Yes	Yes	Yes	Yes	Yes

7	Local Support Organization U/C-32-PulBalochanMiani Bahawalpur	M. mutiullahshazad 0300-6816271	M. mutiullahshazad 0300-6816271	Yes	Yes	Yes	Yes	Yes
8	Awaz Community Support Organization Bhutta Mill Goth, MehrabNoorpur Noranga, BWP	Amir hassain 0300 9655487	Amir hassain 0300 9655487	Yes	Yes	Yes	Yes	Yes
9	DehiIjtmaiTaraqiat Council TajNagri, NoorpurNoranga, Bahawalpur	M Asim (president) 0345-8710037	M Asim (president) 0345-8710037	Yes	Yes	Yes	Yes	Yes
10	RahmatDevelopment Organization MusafarKhana, BWP	M. adiqatish (president) 0301-7726920	M. adiqatish (president) 0301-7726920	Yes	Yes	Yes	Yes	Yes
11	Shaheen Rural Development Organization BastiKhawjgan, NoorpurNoranga, BWP	Khawaja Nawaz Allah (president) 0300-9687480	Khawaja Nawaz Allah (president) 0300-9687480	Yes	Yes	Yes	Yes	Yes
12	Hamqadam Welfare Organization,	Hassan Mehmmd 03025869888	Hassan Mehmmd 03025869888	Yes	Yes	Yes	Yes	Yes
13	Injuman Faroghe Taleem Hasilpur	Ahmed Hussain Contact No.03339775361	Mrs. Sawia Mazammal Contact No.0333-6345118	4	Yes	---	---	Yes
14	Awareness (OSWA) Hasilpur	M. Qaiser Abbas Contact No.03007859006	M. Rizwan contact No. 03004869025	03	Yes	---	----	Yes
15	Great Pakistan Lovers Welfare Society, Ahmedpur East	Shaikh Aziz ur rehman contact No. 03006840408	Shaikh Aziz ur rehman contact No. 03006840408	----	Yes	---	---	Yes

16	Public Development Organization Uch Sharif	Shaik Muhammad Akmal, Contact No.03006802599	Shaik Muhammad Akmal, Contact No.03006802599	---	Yes	---	---	Yes
17	Punjnand Development Organization, APE	Mubashar Rehman Contact No. 03009685824	Mubashar Rehman Contact No. 03009685824	---	Yes	---	---	Yes
18	Al-Sadiq Desert Welfare Organization, Yazman	Muhammad Riaz, contact No. 03006800311	Muhammad Riaz, contact No. 03006800311	---	Yes	---	---	Yes
19	Marryam Rural Welfare Organization, Yazman	Abdul Salam, Contact No. 6844968	Abdul Salam, Contact No. 6844968	---	Yes	---	---	Yes

Annex VII: List of Volunteers

CIVIL DEFENCE PAID VOLUNTEERS

Sr.	Enrolment # with Name CNIC #	Cell #	Designation
1.	1035- QaisarZaman, Fire Fighter "B-3" CNIC # 31202-888949-7	0343-7164875	Paid Volunteer
2.	86- Munir Ahmad Deputy Post Warden "C-2" CNIC #31202-0290823-7	0301-7902813	-do-
3.	1172-Muhammad Arif Fire Fighter "C-2" CNIC # 36203-1496251-1	0300-5506326	-do-
4.	1924- Muhammad Uzair Warden Post "A-1" CNIC # 31202-0979948-1	0305-5157176	-do-
5.	1854- ShoaibQasim Fire Fighter CNIC 31202-5661886-1	0306-7384105	-do-
6.	1844- Amir Majeed Fire Fighter "C-3" CNIC # 31202-4116091-7	0305-8521255	-do-
7.	1866- Muhammad Fayyaz Rescuer "A-4" DOB: 10-07-1988	-	-do-
8.	1380- Waheed Ahmad Rescuer "F-3" CNIC # 31202-2361356-9	0300-8797910	-do-
9.	1930-Muhammad Jahangir Warden Post B-2 CNIC 31302-1849113-7	0300-9797697	-do-
10.	1935- Muhammad Safdar CNIC 36203-3681056-9	0319-6355085	-do-
11.	36-Muhammad Ishaq Fire Fighter "E-1" CNIC # 31202-7402690-3	0313-6014521	-do-
12.	1268- Awais Babar Majeed Sector Warden "D-1" CNIC # 31202-0132692-1	0304-0919440	-do-
13.	987- NabeelHafeez, Fire Fighter "B-1" CNIC #31202-9311113-5	0305-6727456	-do-
14.	1274- ZahidMehmood Warden "HSP" CNIC # 31203-0135028-7	0301-7352738	-do-
15.	1104- Muhammad Shehzad Warden "APE"	0300-3716081	-do-

Sr.	Enrolment # with Name CNIC #	Cell #	Designation
	CNIC # 31201-5220582-1		
16.	1171- Muhammad Rashid Fire Fighter "C-3 CNIC # 31202-7969155-1	0307-3575065	-do-
17.	1262- Allah Ditta Fire Fighter "D-3" CNIC # 31202-7547098-9	0303-6744125	-do-
18.	1847- HuzafaWaheed Warden C-2 CNIC 3110168287345	0322-6162858	-do-
19.	1382-Bilawal Ishfaq Fire Fighter "F-1" CNIC # 31201-7759654-9	0305-9643291	-do-
20.	83-Shabir Ahmad Sector Warden CNIC 31202-0290619-1	0302-7772775	-do-
21.	1007- Muhammad Tariq Rescuer "F-3" CNIC # 31202-8893477-7	0300-6825745	-do-
22.	1140-Ghulam Hussain, Fire Fighter "A-2" CNIC # 31201-4971432-9	0304-2259481	-do-
23.	1936- RaoArslan khan Warden, W/P Cantt. CNIC # 31202-5968177-3	0322-6162858	-do-
24.	1248- ZulqarnainHaidarAlvi Warden "A-3" CNIC # 31202-0586814-9	0302-6851085	-do-
25.	1333-Shahid Ramzan Warden "Cantt-3" CNIC # 312025491124-9	0315-6026880	-do-
26.	1937- Muhammad Farooq Warden CNIC# 31202-8801461-1	-	-do-
27.	1301- Muhammad Hanif Fire Fighter "C-3" CNIC # 31202-1528745-5	0301-6826711	-do-
28.	1190-M IshfaqHussain Fire Fighter "C-3" CNIC # 31202-3165954-3	0302-5427762	-do-
29.	82- Muhammad Ejaz, Fire Fighter "A-2" CNIC # 31202-6533024-3	0307-7416645	-do-
30.	1901- Muhammad Ramzan Rescuer, "Cantt-4" CNIC: 31202-1935247-7	0304-0735049	-do-
31.	1150-Allah Ditta Fire Fighter "APE"	0307-6953216	-do-

Sr.	Enrolment # with Name CNIC #	Cell #	Designation
	CNIC # 31201-2393064-7		
32.	1926- Muhammad Bashir Warden A-1 CNIC # 36203-4416523-7	03001110958	-do-
33.	1377-Muhammad Kaleem Warden "Cantt-2" CNIC # 312020329478-3	0304-7733227	-do-

LIST OF UNPAID VOLUNTEERS FOR FLOOD RELIEF PLAN-2025

1.	Name	CNIC	Contact No
2.	Muhammad Ahsan Ali s/o Ali Muhammad	3120289713063	0302-0772938
3.	Mubashir Ahmad s/o Dilshad Ahmad	3120243635247	0307-5701331
4.	Abdul Maalik s/o Hafiz Abdul Manan	3120287448741	0305-6957585
5.	Muhammad Ahmad s/o Muhammad Tayyab	3120203231501	0308-5575809
6.	Shah Nawaz s/o KhadimHussain	3120352979427	0304-0381819
7.	UsmanBaig s/o WaheedBaig	3120241024545	0302-4995204
8.	Ali Raza s/o Allah Rakha	3120398319053	0305-9856675
9.	HasanRaza s/o Allah Rakha	3120395195799	0305-9856675
10.	Muhammad Tariq s/o Muhammad Saddique	3120233221363	0311-7373300
11.	Muhammad Dildar s/o Abdul Majeed	3120281099837	0315-7878900
12.	Shahid Kamal s/o Muhammad Kamal Din	312027328265	0309-8999690
13.	Mohsin Ali s/o Malik MureedHussain	3120203054315	0302-6840973
14.	Malik SajjadHussain s/o SadiqHussain	3120285309529	0309-8999690
15.	Muhammad Ejaz s/o SadiqHussain	3120248360901	0301-6942278
16.	Nadeem Abbas s/o Malik MureedHussain	3120262162329	0301-7734448
17.	Muhammad ZeeshanRaza s/o KhadimHussain	3120207235497	0300-9839634
18.	Muhammad Shafiq s/o Mehmood Ahmad	3120261792155	0308-5124489
19.	Zohaib s/o Mukhtiar Ahmad	3120201485489	0300-5505987
20.	Muhammad ShoaibBhatti s/o MAbdullah	3120225462105	0303-6766159
21.	RaoJunaid-ur-Rehman s/o Rao Abdul Rehman	3120278343281	0308-6050808
22.	Jamshed Khan s/o Muhammad Sadiq	3120292329039	0312-5376704
23.	Muhammad Tariq s/o Peer Bukhsh	3120207277563	0301-7798145
24.	Syed HasanZahoor s/o ZahoorHussain Shah	3120292028981	0304-7748469
25.	Hafiz M. Jameel s/o Khalil Ahmad	3120271217201	0301-6502624
26.	MazharIqbal s/o Muhammad Iqbal	3120250103789	0305-5210273
27.	Muhammad Shafique s/o Abdul	3120110876255	0305-8306845

	Kareem		
28.	GhulamQadir s/o Abdul Majeed	3120111076303	0307-1270087
29.	Muhammad Bilal s/o GhulamYaseen	3120144529573	0304-7594472
30.	Saddam Siraj s/o Siraj Ahmad	3120172267477	0300-6852824
31.	Hafiz Abdul Hameed s/o Muhammad Hanif	3120197385577	0309-7420211
32.	ZainabHanif s/o Muhammad Hanif	3120150651470	0309-7420721
33.	Muhammad Waqas s/o Syed Jameel Ahmad	3120174928659	0308-2048814
34.	Muhammad Asif s/o Rasheed Ahmad	3120294116441	0303-4916399
35.	Muhammad Pervaiz s/o Rafique Ahmad	3120260403537	0304-1653389
36.	IkramUllah s/o Muhammad Munawar	3120267349515	0305-3150049
37.	Aas Muhammad s/o Lallu	3120232964727	0301-3276884
38.	Muhammad Zeeshan s/o Muhammad Usman	3120234958597	0300-6801931
39.	Muhammad Adeel s/o Abdul Khaliq	3120267101263	0304-9534524
40.	Muhammad Noman s/o Abdul Majeed	3520178461647	0307-4089674
41.	Muhammad Zeeshan s/o M. Ibrahim	3620366470425	0306-8218969
42.	MubeenAkram s/o Muhammad Akram	312028626455	0303-6440219
43.	AmeerHamza s/o Ahmad Din	3120279139581	0301-4798580
44.	Muhammad Saleem s/o Malik HuzoorBukhsh	3120227255461	0305-4983940
45.	Muhammad Shahzad s/o RehmatUllahHabib	3120285761449	0308-8111801
46.	DilshadHussain s/o Khawaja Barat Hussain	3120229812429	0303-8662859
47.	WaqarAkram s/o Akram Khan	3120226883481	0307-0177622
48.	Taimoor Malik s/o ZahidHussain Malik	3120254853479	0301-6971152
49.	Syed KashifHussain s/o Syed Rashid Ahmad	3120202877785	0306-7597752
50.	Bilal Afzal s/o Muhammad Afzal	3620323510341	0303-8662859
51.	Muhammad Ibrahim s/o Muhammad Jameel	3120202156851	0305-6952507
52.	Ahmad Mehmood s/o ZahidMehmood	3130164668223	0305-6593023
53.	Hafiz Abdul Qaiyom s/o Muhammad Ibrahim	3120229429005	0300-4469789
54.	Muhammad Tahir Khan s/o Hafiz Zahoor Ahmad	3120262555683	0303-6428025
55.	Muhammad Sadiq s/o Hafiz Zahoor Ahmad	3120293404199	0303-6463849
56.	FaizanZaheer s/o Muhammad Zaheer	3120238927917	0313-8787467
57.	KhurramIshfaqKhilji s/o M. IshfaqShahid	3120204869203	0306-6137189
58.	Muhammad Akhtar s/o Muhammad Aslam	3120297870267	0302-4066931
59.	Muhammad Asif s/o Muhammad Kazim	3120210151341	0309-7701103
60.	Habib Ahmad s/o Muhammad Rafique	3120264643863	0301-8530819
61.	Nadeem Ahmad s/o Rafique Ahmad	3120223233003	0306-6313567

62.	Muhammad Zahid s/o Muhammad Saddique	3120275626139	0300-8321319
63.	Furrukh Khan s/o Khan Muhammad	3120259908199	03033046399
64.	AffaqNaveed s/o Mukhtar Ahmad	3120273702231	0302-6840022
65.	RanaImtiaz Ahmad s/o Mukhtiar Ahmad	3120249689973	03030727842
66.	Toqeer Abbas s/o Ghulam Abbas	3120208708911	03006871340
67.	Amjad Ali s/o Abdul Jabbar	3120596386517	03088213547
68.	Faisal Rehman s/o KhudaBakhsh	3120207311111	03030781128
69.	Muhammad Adnan s/o LiaqatHussain	3120224108333	03025250112
70.	Muhammad Kashif s/o Allah Bakhsh Khan	3120258527139	03077096511
71.	Syed SanwalSheraz s/o Syed Usman Ali	3120214878305	03002252164
72.	Abdul Satar s/o Muhammad Hanif	3120516654633	03024640022
73.	Uzeful Hassan s/o Abdul Hameed	3120287666147	03060115564
74.	Shan Jan s/o Jan Muhammad	3120289375013	03068483803
75.	NasrullahLodhi s/o Abdul Qadir	3120263454909	0301-7708671
76.	AmeerShahzad s/o Manzoor Ahmad	3120258583167	0301-2718135
77.	Amir Mehmood s/o Muhammad Aslam	3120251929607	03067592591
78.	Hassan Adnan s/o Adnan Khaliq	3120232939983	03156806001
79.	Hafiz Ahmed Ali Qari s/o Abdul Ghafoor	3120268707649	03036157719
80.	ShahzadAsim s/o Mukhtiyar Ali	3120247411049	03006802484
81.	ArsalanFida s/o FidaHussain	3120236851987	03059348062
82.	Muhammad Zeshan s/o Malik Imam	3120210286743	03097298675
83.	Muhammad Waqas s/o GhulamYasin	3120217565547	03036681691
84.	Muhammad Akhtar s/o Shah Muhammad	3620336821019	03030973658
85.	Sajjad Mahdi Jaffari s/o GhulamJaffar	3620209639053	03006827104
86.	Muhammad Atif s/o Muhammad Ijaz	3120294988861	03097700680
87.	AshfaqHussain s/o Malik Mushtaq	3120231659543	03025427762
88.	Mubeen Ahmad s/o Munir Ahmad	3120502241599	0304-4156209
89.	Syed Nadir Hussain Shah s/o Syed Ali Shah	3120105345790	0300-6811398
90.	SaqibRehman s/o Abdul Rehman	3120189674649	0302-7797266

Annex VIII: Data Collection Performas

P1: House Damage Assessment

District: _____

Date: _____

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

District: _____

Date: _____

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

P3: Injurd Person Reposrting Performa

District: _____

Date: _____

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

P4: Cattle Head Perished

District: _____

Date: _____

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

Date: _____

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

Date: _____

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

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

District: _____

Date: _____

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

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

District: _____

Date: _____

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

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

District: _____

Date: _____

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

P10: District Emergency Operation Center

PDMA requires all districts to setup a District Emergency Operation Center 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 VIII: DATA COLLECTION PERFORMAS**SITUATION REPORT**

SITUATION REPORT	SERIAL NO.
1. DATE:	TIME:
2. EVENT:	
3. DEATHS.....	INJURIES..... MISSING.....
4. RESPONSE ACTIONS TAKEN:	
(Since last report)	
5. RESOURCES DEPLOYED:	
6. POPULATION THREATENED:	
7. THREAT OF HAZARDOUS MATERIALS IF ANY:	
8. NEED FOR EVACUATION	(Y) (N)
9. APPROXIMATE NO. OF PERSONS:	
10. SPECIAL POPULATION NEEDS:	
11. ADDITIONAL RESOURCES NEEDED IN PRIORITY ORDER:	
SWL.....	DATE.....
TIME.....	
DESIGNATION	AGENCY NAME

Annex VIII (B): List of Swimmers / Divers

PUNJAB EMERGENCY SERVICE RESCUE 1122, BAHAWALPUR Swimming List, Bahawalpur

Sr #	Name	Desig	Status
1	Muhammad Irfan	LFR	Swimmer/ Scuba
2	Karim Bukhsh	FR	Swimmer/ Scuba
3	Aftab Gill	FR	Swimmer/ Scuba
4	Yasir Bashir	FR	Swimmer/ Scuba
5	Muhammad Bilal	FR	Swimmer/ Scuba
6	Usman Majeed	FDR	Swimmer/ Scuba
7	Abid Ali	FR	Swimmer/ Scuba
8	Shakeel Hasan	EMT	Swimmer
9	Javed Iqbal	FR	Swimmer
10	Qari Abdul Basit	FR	Swimmer
11	Muhammad Waseem	FDR	Swimmer
12	Gul Sher	FR	Swimmer
13	Asad Gill	FDR	Swimmer
14	Muhammad Zafar	LTV	Swimmer
15	Muhammad Yaseen	LTV	Swimmer
16	Muhammad Qasim	LTV	Swimmer
17	Muhammad Akhter	LTV	Swimmer
18	Muhammad Raouf	SG	Swimmer

ANNEX IX: Political Constituencie

LIST OF NATIONAL/PROVINCIAL ASSEMBLY MEMBERS GENERAL ELECTIONS-2024

National Assembly

Sr. No	Constituency No.	Name of Winner Candidate	Address	Party Affiliation	Contact No.
1	NA-164-BWP-I	Mian Riaz Hussain Peerzada	Sheikh Wahan, Tehsil Khairpur Tamewali	PML(N)	0300-5007649 0300-9682553
2	NA-165-BWP-II	Ch. Tariq Bashir Cheema	H# 35-A Satellite Town, BWP	PML(Q)	0321-8440940 0345-8776222
3	NA-166-BWP-III	Makhdoom Syed Sami-ul-Hassan Gillani	Uch Sharif, APE	PML(N)	0300-8689998
4	NA-167-BWP-IV	Mian Muhammad Usman Awaisi	Khanqah Sharif, Tehsil & Distt: BWP	PML(N)	0300-5200890
5	NA-168-BWP-V	Malik Muhammad Iqbal Channer	Channer House Faizabad near Bindra Pully, Multan Road Bahawalpur	PML(N)	0322-6845555

Provincial Assembly

1	PP-245-BWP-I	Mian Kazim Ali Peerzada	Basti Zafar Abad Mouza Sheikh Wahan, KPT	PML(N)	0301-8682226 0321-6359999
2	PP-246-BWP-II	Mrs. Farzana Khalil	Canal View Near OLS Rasoolabd Colony, Hasilpur	PTI	0300-0044143
3	PP-247-BWP-III	Ch: Khalid Mehmood Jajja	Jajja House, Habib Colony Gulberg Road, Bahawalpur	PML(N)	0321-6830052
4	PP-248-BWP-IV	Hassan Askari Sheikh	H#CB-363 Shabeer Shaheed Road Model Town -A	PML(Q)	0300-8681963
5	PP-249-BWP-V	Sahibzada Muhammad Guzain Abbasi	H# B-VIII-65 Post Sadiq Garh Palace, Dera Nawab, APE	PML (N)	0300-8686400
6	PP-250-BWP-VI	Syed Amir Ali Shah	Ghous-ul-Azam House Uch Gillani, Uch Sharif	PPP	0300-8686555
7	PP-251-BWP-VII	Malik Khalid Mehmood Babar	Mouza Dhoor Kot, APE	PML(N)	300-8680174
8	PP-252-BWP-VIII	Mian Muhammad Shoab Awaisi	Near Darbar Hazrat Kh. Mohakum ud Din, Khanqah Sharif, BWP	PML(N)	0300-9681750
9	PP-253-BWP-IX	Malik Zahir Iqbal Chanar	Faizabad Bindra Puly H# 267/51 Tehsil & Distt: BWP	PML(N)	0321-6802727
10	PP-254-BWP-X	Dr. Rana Tariq	Adjacent State Bank of Pakistan, Model Town-A	PML(N)	0300-8680129

ANNEX X: Local Government

LIST OF LOCAL GOVERNMENTS IN BAHAWALPUR

S#	Name of Local Governments
1	District Council BWP
2	Municipal Corporation BWP
3	MC, Ahmedpur East
4	MC, Uch Sharif
5	MC, Yazman
6	MC, Hasilpur
7	MC, Khairpur Tamewali

Annex XI: 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 XII: Flood Bunds

INFORMATION REGARDING FLOOD BUND CATEGORY A			
SR.	NAME OF DIVISION	NAME OF EMBANKMENT / BUND	LENGTH (ft)
<u>BAHAWALPUR ZONE</u>			
1	Punjnad Head works Division	Right Marginal Bund	15,000
2	-do-	Left Marginal Bund	15,000
3	-do-	Colony Protection Bund	15,000
4	Khanpur Canal Division	Minchin Flood Bund	10,000

INFORMATION REGARDING FLOOD BUND CATEGORY B			
S#	Name of Division	Name of Embankment / Bund	Length (ft.)
<u>BAHAWALPUR ZONE</u>			
1	Punjnad Headworks Division	-do-	90,000
2	Khanpur Canal Division	-do-	100,000
3	Bahawalpur Canal Division	-do-	50,000
4	Rahimyar Canal Division	-do-	50,000

Annex XIII: River Discharge Rates

River	GaugeSite	Designed Capacity (lac Cs)	Flood Limits in Lac Cs.				
			Low	Med:	High	Very High	Exp. High
INDUS	Kalabagh	9.5	2.5	3.75	5.00	6.5	8.00
	Chashma	10.00	2.5	3.75	5.00	6.5	8.00
	Taunsa	10.00	2.5	3.75	5.00	6.5	8.00
JHELUM	Kohala	12.00	1.00	1.5	2.00	3.00	4.00
CHENAB	Mangla	10.6	0.75	1.1	1.5	2.25	3.00
	Rasul	8.5	0.75	1.1	1.5	2.25	3.00
	Marala	11.00	1.00	1.5	2.00	4.00	6.00
	Khanki	8.00	1.00	1.5	2.00	4.00	6.00
	Qadirabad	9.00	1.00	1.5	2.00	4.00	6.00
	Trimmu	6.45	1.5	2.00	3.00	4.5	6.00
RAVI	Punjnad	8.66	1.5	2.00	3.00	4.5	6.00
	Jassar	2.75	0.5	0.75	1.00	1.5	2.00
	Ravi Syphon	4.00	0.4	0.65	0.9	1.35	1.8
	Shahdara	2.5	0.4	0.65	0.9	1.35	1.8
SUTLEJ	Balloki	2.25	0.4	0.65	0.9	1.35	1.8
	Sidhnai	1.5	0.3	0.45	0.6	0.9	1.3
	G.S.Wala	10.00	19.5	21.5	23.3	25.3	
	Suleimanki	3.25	0.5	0.8	1.2	1.75	2.25
	Islam	3.00	0.5	0.8	1.2	1.75	2.25
	Mailsi Syphon	4.00	0.75	1.1	1.5	2.25	3.00

Annex XIV: List of Basic Terms

Acceptable risk

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

Biological hazard

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

Capacity

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

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

Capacity building

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

Climate change

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

Coping capacity

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

Disaster

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

Disaster risk management (DRM)

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

Disaster risk reduction/disaster reduction

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

Early warning

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

Emergency management

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

Forecast

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

Geological hazard

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

Doner

FLOOD MOCK EXERCISE / PREPARATION



INSPECTION OF RELIEF AND RESCUE EQUIPMENT

