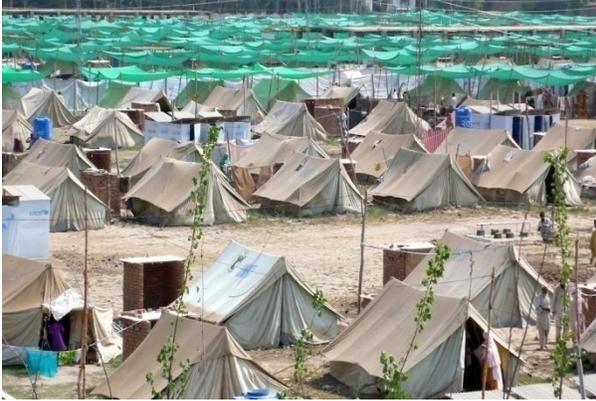




# DISTRICT FLOOD MANAGEMENT PLAN 2019



**Prepared by: District Emergency Officer, Rescue 1122, Multan**

**Approved by: Deputy Commissioner, Multan**

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## **Executive Summary**

Multan's history ways back 5000 BC. It was ruled by various ancient empires i.e. Indo-Greek Kingdom, Kushan Empire, Gupta Empire, White Huns, Kushano-Hephthalites and Shah Kingdom. During Muslim era, Dehli Sultnate and Mughal Empire also ruled here. British came here in 1849 and established system of Administration and Transportation Network. It is a center of Islamic teachings and many Sufi Saints established their schools to spread Islam in Sub-Continent.

### **Major Hazards**

- Floods
- Earthquake
- Building Collapse
- Fire Incidents
- Road Traffic Accidents
- Bomb Blast / Terrorism

### **Response Objectives are as follows:**

- Established the institutional and legal system for disaster management
- Prepare Disaster Management Plans at various levels
- Conduct multi-hazard, vulnerability and risk assessment
- Establish multi-hazard early warning and evacuation systems
- Promotion of training, education and awareness in relation to disaster management.

## **AIM AND OBJECTIVES**

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

The main objectives of the plan include:

- To develop a plan of action for the District Disaster Management Authority and other district stakeholders to set priorities and provide directions for disaster management;
- To define the roles of various stakeholders in disaster management in all the phases pre, during and after disaster;
- To raise awareness of stakeholders about disaster risks and the requirements for disaster management;

- To introduce coordination mechanism for immediate response and rehabilitation at district level;
- To enhance the effectiveness and timeliness of emergency response through the clarification of goals, strategies, roles and responsibilities;
- To strengthen response coordination between government departments and humanitarian organizations (UN agencies, I/NGOs).

## DISTRICT PROFILE

S.No.	Particulars	Numbers
1	Population	4800000
2	No. of Tehsils	4
3	No. of UCs	185
4	No. of Revenue Estates	534
5	Population Density (people per km <sup>2</sup> )	760
6	Family Size	6
7	Pop Growth Rate	2.73
8	Patient/Doctor Ratio	15000/1
9	Literacy Rate	60
10	Annual Crime	38250

## POPULATION

Total	Male (above 18)	Female (above 18)	Minor (M) (less than 18)	Minor (F) (less than 18)
4800000	1079960	1124040	1762040	1833960

**Area (in acres) 935891**

Total Area of District in Km <sup>2</sup>	Area under cultivation	Cultivation in Settled Area	Cultivation in Baid Area
3721	759766	759766	117697

## Literacy Rate

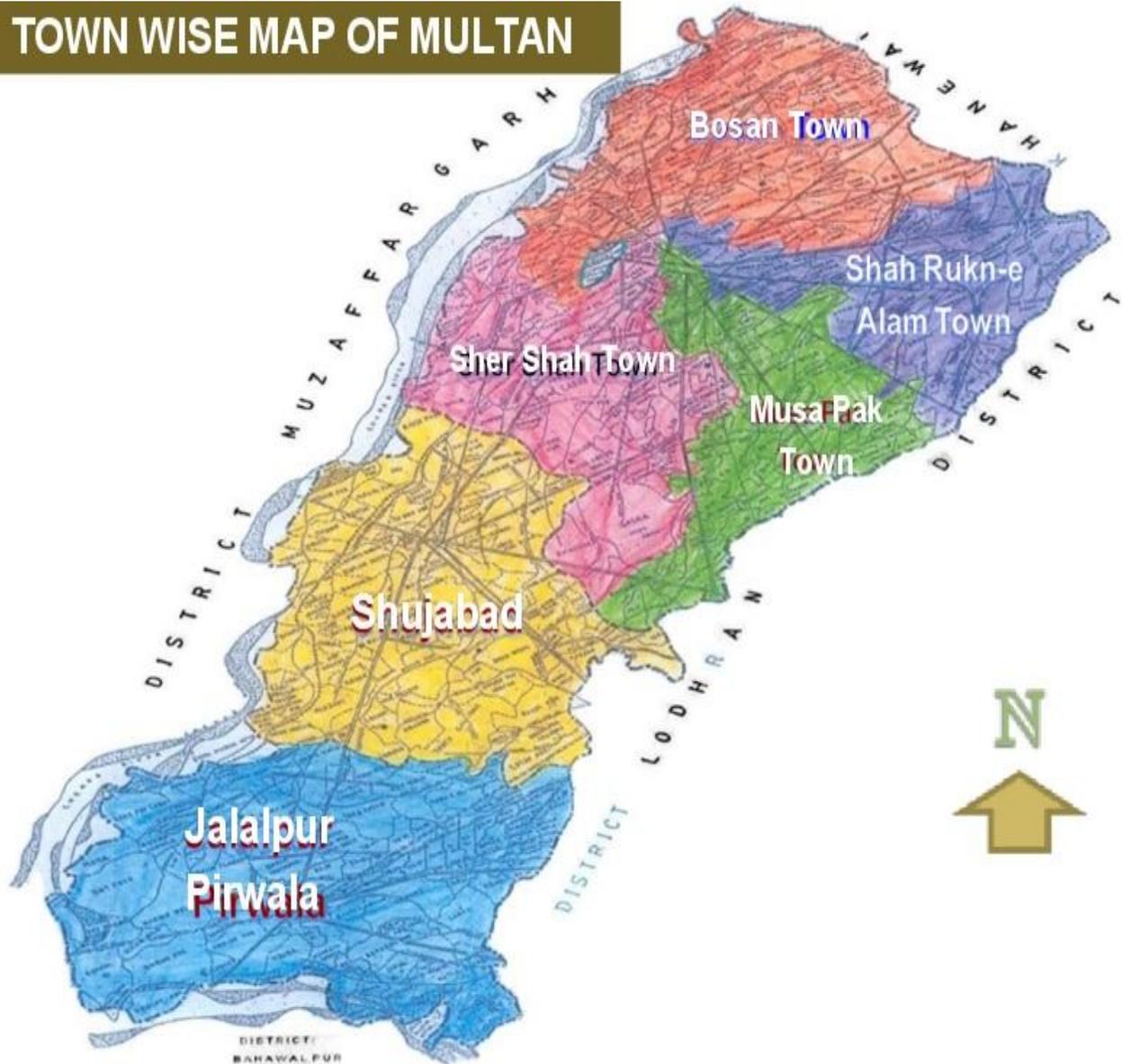
Overall	Rural		Urban		Total	
	Male	Female	Male	Female	Male	Female
60%	12.7%	8.1%	54%	32%	65.9%	40.5%

## Livestock:

Small Animals (goats, sheep etc.): 671979

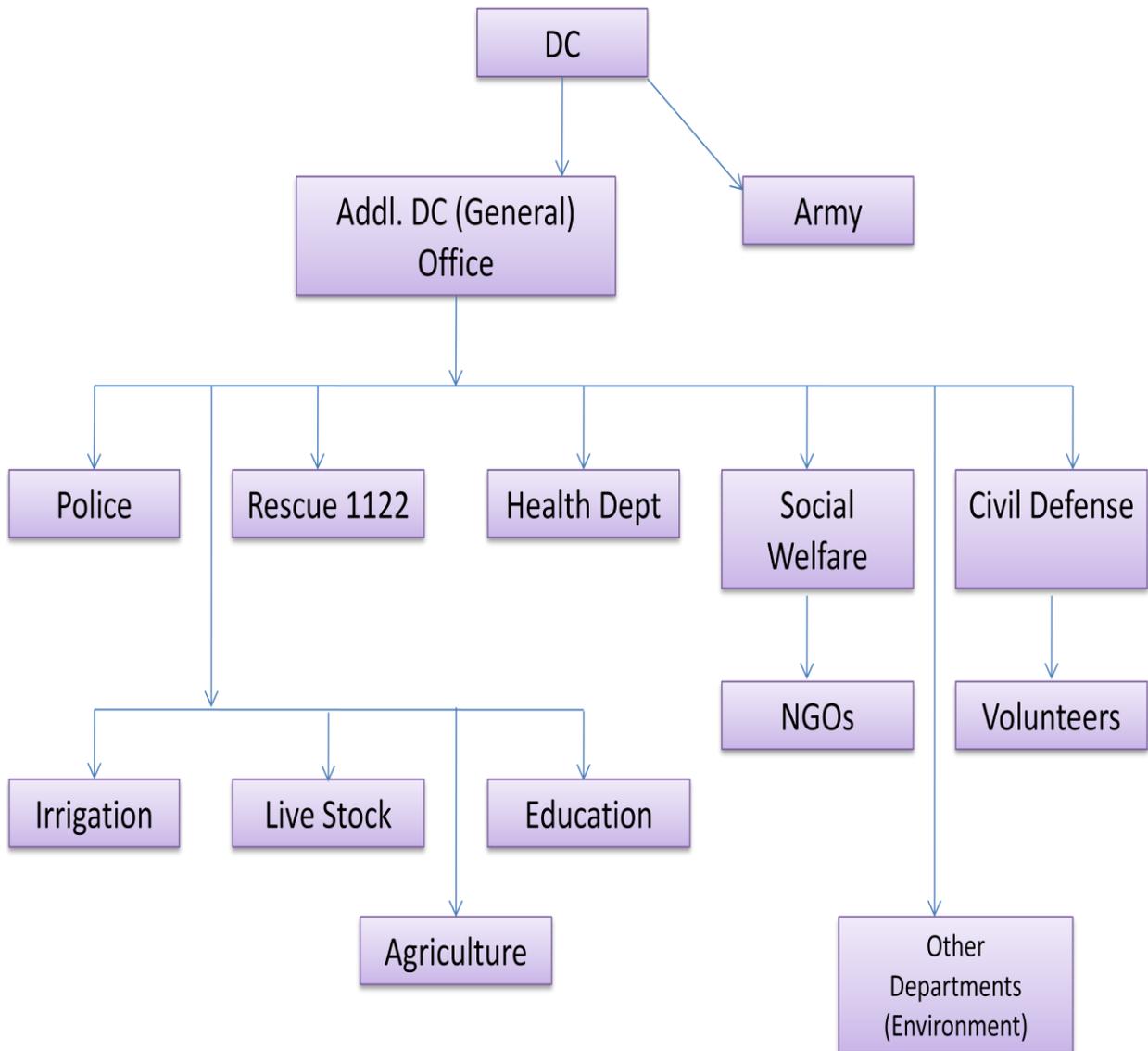
Big Animals (cows, buffalos, camel etc.) 904433

## TOWN WISE MAP OF MULTAN



# COORDINATION MECHANISM

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



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

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

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

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

- q) provide information to the Provincial Authority relating to different aspects of disaster management;
- r) Encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grass root level in the district for disaster management.
- s) ensure communication systems are in order and disaster management drills are carried out periodically; and
- t) Perform such other functions as the Provincial Government or Provincial Authority may assign to it or as it deems necessary for disaster management in the district.

### **District Plan:**

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

### **Additional Powers of District Authority:**

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

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

### **Revenue Department (Functions and Responsibilities)**

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

- Taking everyone on board is perhaps the most important thing to do. Regular meetings of DDMA should be held to clearly highlight the roles and duties of DPOs, EDOs, XENs etc.

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

- Suitable locations should be identified for accommodating armed forces like the Pakistan army. Normally schools, colleges or stadiums are allocated for the armed forces

### **Checklist for Revenue Department:**

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

### **Municipal Corporation/District Council/Municipal Committees**

- Municipal Corporation, District Council & Municipal Committees plays an important role of providing municipal services in the district including clean drinking water, sanitation facilities, maintenance of parks and removal of encroachment etc.
- Municipal Corporation, District Council & Municipal Committees will provide assistance to the District Government for setting up and management of relief camps/ operations.
- Municipal Corporation, District Council & Municipal Committees are responsible for provision & restoration of water and sanitation facilities in their municipalities besides disposal of waste or rain water/sewerage.
- Municipal Corporation, District Council & Municipal Committees are equipped with trucks, water bowsers, and tractors, dewatering sets, bulldozers, loaders and dump trucks. All of these equipment are utilized to restore proper sanitary facilities, ensure the delivery of clean water and remove debris or excess water.
- Municipal Corporation, District Council & Municipal Committees sanitary workers can be employed for cleaning relief camps, or other such areas which has been affected by any disaster.
- Municipal Corporation, District Council & Municipal Committees employ de-watering sets to remove excess water. All Municipal Corporation, District Council & Municipal Committees are required to ensure the maintenance of all dewatering sets prior to the monsoon season. The Municipal Corporation, District Council & Municipal Committees maintains a list of all the choking points where rainy water accumulates as a result of heavy storms which can cause urban flooding.
- Municipal Corporation, District Council & Municipal Committees should ensure supply of clean drinking in overhead reservoirs and ensure supply to the

affected areas or relief camps through water bowsers. Clean drinking water is a major issue and requirement during any disaster.

- In case of any disaster that requires people to be relocated, the Municipal Corporation, District Council & Municipal Committees under the concerned Administrator i.e ADC/AC will assist in the migration of the affected people.
- During the relief effort and subsequent rehabilitation effort the, the local Municipal Corporation, District Council & 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 NDMA Act 2010 under Chapter IV Section 18 and the law defines their composition and also outlines their functions, duties and powers.
- District Disaster Management Authorities are the first line of defense and the implementing arm of the government policy and plans. Within the district there are three to four key players/departments that have to put up a joint and coordinated effort in order to fight with and handle any disaster under the leadership and coordination of the DC. The office of the DC fully supported by the CPO and line departments such as Health, Agriculture, Livestock, Civil Defence, 1122, Municipal Corporation, District Council & Municipal Committees and the Revenue Department from the main disaster management team within any given district. This plan is an effort to highlight their sets of responsibilities followed by the role of provincial departments.
- All district administrations had prepared a detailed contingency plan to face any disaster or hazard specially floods which until recently have become an annual affair for some districts.
- The district administration will divide the area as per district division with the Assistant Commissioner as in charge of his her tehsil. All disaster related activities in a said tehsil will be coordinated through the concerned AC and the Municipal Corporation, District Council & Municipal Committees.
- On receipt of a flood warning, immediate warning will be conveyed to all the concerned officers. Immediate action will be taken in each sector / sub sector for evacuation of the population from risk prone areas to safer places or to Relief Camps. An Assistant Commissioner will ensure that announcements are made through loudspeakers of the mosques utilizing the services of the Revenue department. Each Patwari will inform the Lumbardar, Headmaster of the School, Imam Masjid and councillors to make announcements etc.
- The tactical operations would be headed by the Additional District Collector (ADC). The ADC would be responsible for coordinating and supervising the disaster control and relief measures in the district.
- Provincial government had notified the following composition of DDMA's for whole of the province:
  - i. Deputy Commissioner (Chairperson)**
  - ii. Mayor of Municipal Corporation

- iii. Chairman District Council
- iv. City Police Officer
- v. Two Elected Representatives to be nominated by the Chair
- vi. Representative of Pak Army
- vii. Two Representatives of NGOs/Civil Society to be nominated by the Chair
- viii. Chief Executive Officer (Health)
- ix. Chief Executive Officer (Education)
- x. Additional Director Livestock
- xi. Deputy Director Agriculture (Extension)
- xii. District Food Controller
- xiii. SP/DSP Special Branch
- xiv. Executive Engineer, Irrigation
- xv. Executive Engineer, Public Health
- xvi. Executive Engineer, Highways
- xvii. Executive Engineer, Buildings
- xviii. District Emergency Officer, Rescue 1122 (Secretary)
- xix. Representative of Red Crescent
- xx. All Chief Officers Municipal Corporation/committees/District Council
- xxi. Federal Government Officers which the DDMA's decide to co-op as per powers delegated under section 20 & 22 of NDMA Act 2010.

- District Governments must establish a Disaster / Flood control room at the DC's office, the numbers of which will be circulated to all concerned. The Disaster / Flood Control Room have to maintain updated information regarding the threat of disaster and statistics post disaster. The center will maintain a regular communication with the Flood Forecasting Division or the dam authorities up stream in case of a flood.
- The District Government would immediately mobilize the equipment needed to tackle the challenges created by a disaster. The District Governments will provide a comprehensive list of flood fighting equipment to PDMA as part of their flood contingency plans.
- Executive District Officer (Health) will ensure the availability of adequate medicines for treatment of common issues, particularly for snake and dog bite cases and general vaccines at each relief camp.
- 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.

### **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)**

- Organization of Flood Control
- Deputy Commissioner
- Control Room
- Additional Deputy Commissioner (R)
- Sectors
- Sector 1                      Sector 2                      Sector 3                      Sector 4
- City                              Saddar                              Shujabad                      Jalalpur Pirwala
- AC office                      AC Office                      AC Office                      AC Office
- District Flood Control Room in the office of ADC (R) will be established.
- Comprehensive district level stake holders meetings are conducted to enhance liaison between irrigation, Revenue, Rescue 1122, Health, Municipal Corporation, District Council, Municipal Committees, Civil Defence, Agriculture, Livestock, etc.
- Mock search and rescue exercises to enable staff of the district and tehsil administrations have been planned. District Emergency Officer, Rescue 1122 Multan will conduct the training programmes.
- A list of important telephone numbers/available machinery within district has been prepared.

### **Checklist for Control Room:**

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

- Dedicated Fax
- Wireless
- Internet and Email or any other source of communication
- Power backup

### **Checklist for Relief Camp Incharge:**

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

### **Role of 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 centres 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.

## **Role of Rescue 1122 in districts during disaster**

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

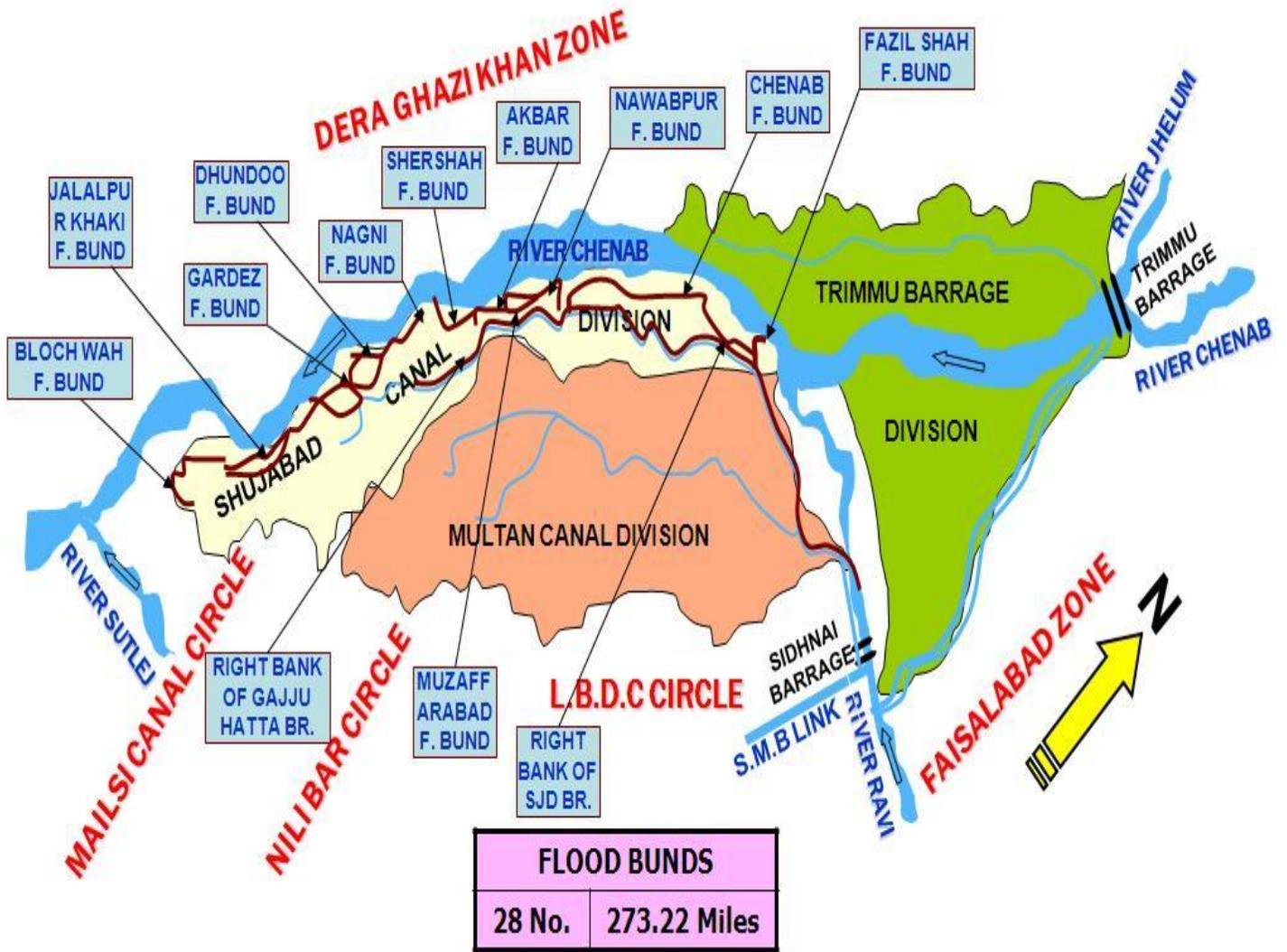
## **Civil-Military Coordination Mechanism**

To meet the flood situation successfully, Army shall be deployed along banks of River Chanab upon formal requisition of by the DC on request of District Emergency Officer, Rescue 1122, Rawalpindi 02 Army Units are likely to be deployed for relief operation in case of any emergency; Army will establish Control Center at Headquarters 111 Independent Infantry Brigade, Westridge Multan. This Center will assist the Civilian Authorities in relief operations and restoration of services in the areas of emergency.

## **Volunteer Network**

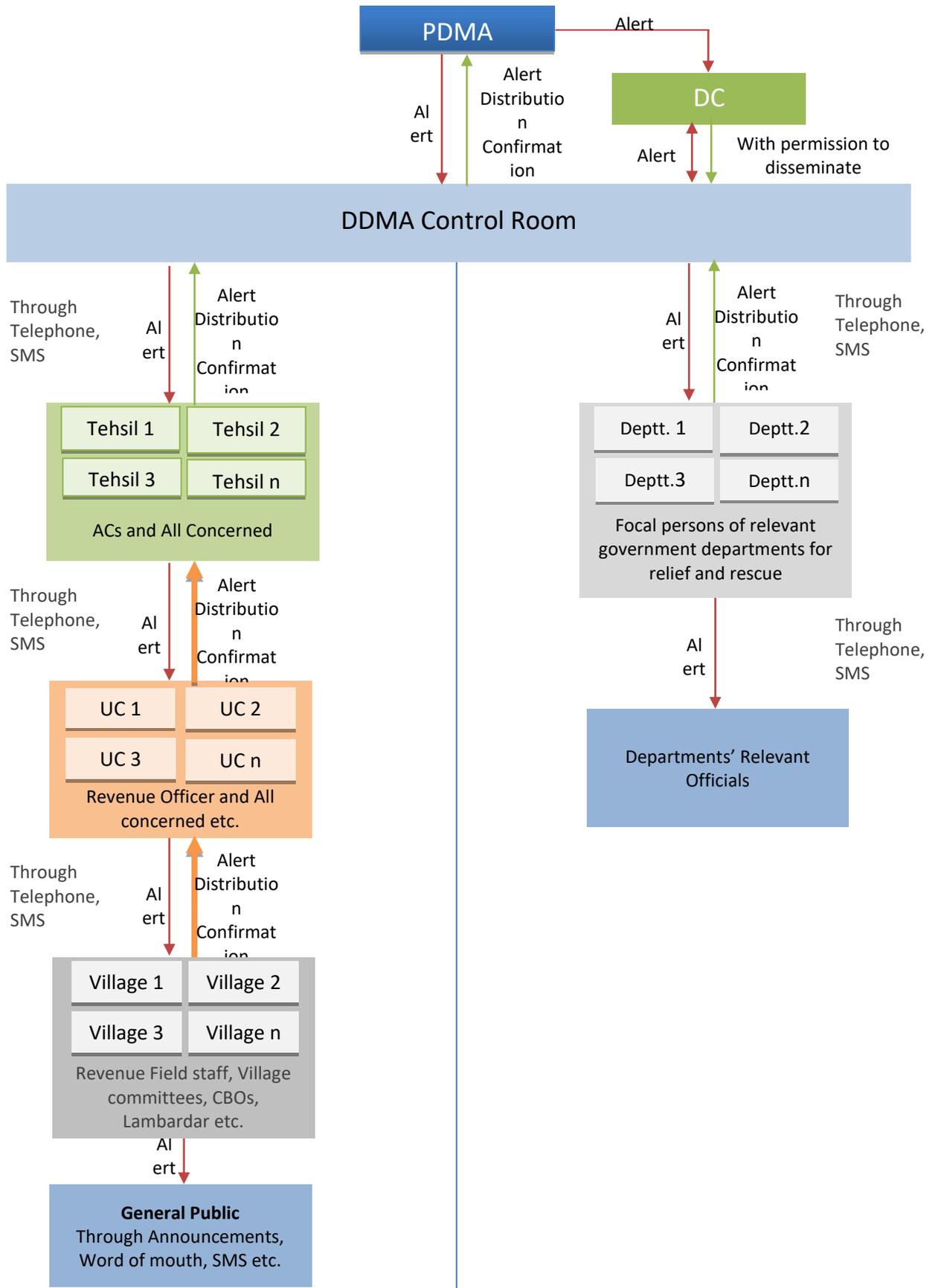
There are 300 volunteers registered with the Civil Defense. Civil Defence Officer (CDO) remains continuous in touch with the volunteer by means of their participation in different training programs conducted for their capacity buildings and in different events (National & International). In case of disaster already designated Team Leader is contacted first, who subsequently disseminate the same information to all team members for coordinated response.

# District map with vulnerable points



# EARLY WARNING

## Information Flow Diagram



## Alertness Levels

Following four levels alertness have been established:

**Level-D**  
(Disaster threat  
is perceptible)

DDMA shall conduct monthly meetings besides 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.

**Level-C  
(Alert)**  
(Warning issued  
but likelihood of  
occurrence is  
less than 100%)

DDMA shall issue “**alert**” to all concerned for the vulnerable area. DDMA and LDMA (tehsil level) control rooms be made operational 24/7 and ensure availability of all required (available and additional) resources for on call mobilization and monitor the situation 6 hourly. Only DCO and DPO shall grant leave according to the situation.

**Level-B  
(High Alert)**  
(Disaster threat  
is imminent)

DDMA shall issue EW to all stakeholders and “**High Alert**” for the district to ensure that all additional HR and material resources including volunteers has reported to their assigned duties, and all resources for evacuation and disaster management have been mobilized as per DDMP. All emergency (health, fire, rescue 1122, TMA etc) facilities shall work 24/7 with full staff strength. DDMA shall monitor the situation on hourly basis.

**Level-A  
(Red Alert)**  
(Disaster is  
materialized)

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.

## **Flood Forecasting and Early Warning System**

Flood Forecasting and Early Warning System should be announced by Irrigation Department, Patwaris and through announcement in loud speakers of masjid. Master control Room which is controlled by Met office issues forecast information to Flood Control Room. Rescue 1122 is looking after Flood control Room and that disseminate area on alerts to residents living in vulnerable areas.

District Emergency Control Room disseminates immunity flood information to residents of low lying areas by blowing risers which are installed along River Chanab. District Control Room also plays role coordination & Communication along all stakeholders.

After receiving information of pre alert through District Flood control Room, all the relevant stakeholders are part on high alert and their team start deployment in highly vulnerable low lying areas.

**MONSOON/FLOOD  
CONTINGENCY  
PLANS**

**DISTRICT LINE  
DEPARTMENTS  
MULTAN**

# FLOOD CONTINGENCY PLAN 2019



**PUNJAB POLICE**  
Government of The Punjab

## **POLICE DEPARTMENT, MULTAN**

### **INTRODUCTION.**

Multan, one of the ancient cities of the Sub-continent, located on the Eastern Bank of the River Chenab and Northern Bank of River Satluj, being so close to both the river, the district remains vulnerable to their high tides. To save the fertile cultivated lands and the population etc from the flood, several flood protection bunds/spurs have been constructed on the banks of both of the rivers besides the thickly populated area of Multan City, the Airport and the important installations of Pakistan Army are situated very close to River Chenab, because of which it becomes imperative to fortify the arrangements for the protection of bunds.

### **INTENTION.**

- A) Police is to assist civil administration and Relief and Crises Management Department in all flood relief activities.
- B) Maintenance of Law & Order shall be ensured.
- C) Protection should be provided to relief camps and during rescue activities.
- D) All key installations and infrastructure should be safe guarded.
- E) Traffic should be regulated in the affected areas.
- F) In case of evacuation of population all help and protection shall be provided.
- G) Preventive measures should be taken to control crime against property especially safety of animals.
- H) Four control rooms has been established in District Multan. Main Control Room established in CPO Office, Multan and sub control rooms established in Muzaffar abad, Shujabad and Jalalpur.
- I) Wireless system and control rooms already established by the Irrigation Department should be networked with the police control.
- J) Cooperation should be sought from public representatives, Numberdars, Chowkidars and respectable of the locality.
- K) People should be apprised of the flood warning.
- L) Reserves may be deputed at vulnerable points to coup with any emergency.





## **BOSAN TOWN COMMAND AREA.**

### **BOSAN TOWN SUB-DIVISION**

1. Nawabpur Flood Bund

## **SHUJABAD, JALALPUR PIRWALA COMMAND AREA.**

### **SHUJABAD SUB-DIVISION**

1. Right Bank of Gajju Hatta Branch Flood Bund
2. Nagni Flood Bund
3. Dhoondhu Flood Bund

### **JALALPUR SUB-DIVISION**

1. Jalalpur Khakhi Flood Bund
2. Jalalpur Pirwala Town Flood Bund
3. Baloch Wah Flood Bund

In case of any breach in any embankment, it will be the responsibility of Canal Department to get it repaired. The Police will, however, extend all necessary help required by the Canal Department/Civil Administration in carrying out the repair work.

## **E. OTHER SALIENT FEATURES.**

### **i. Protection of Bridges.**

There are 02 bridge on river Chanab, Sher Bridge and Head Muhammad wala Bridge, located in the jurisdiction of District Muzaffargarh.

### **ii. Relief Cuts.**

Although the relief cuts and their repair is responsibility of Irrigation Department but it also involves some law and order problem. There is no particular area. It is done according to the existing situation. In past, generally cuts were made near the Sikandari Nala, and Sher Shah Bunds. It involves evacuation of population, protection of the lives and properties of citizen. The Police Officers on duty shall render all necessary help to Irrigation Department.

### **iii. Protection of Explosive.**

The Irrigation Department in order to make cuts, transfer explosive at the sites. It should be ensured that explosive do not fall in the hands of miscreants.

### **iv. Counter Sabotage.**

Some people, to save their area, cut off at their own will without any permission or consultation with the Irrigation Department which causes heavy loses,

damages and problem for other areas. Necessary help should be rendered to the Department concerned to check such illegal practice.

**v Public Miseries.**

Due to flood the general public face health problems due to poisonous snakes, insects, spread of epidemics, want of medicine and food etc. The Police Officials on duty should render all possible help to the concerned department on moral and humanitarian ground. Apart from the duties as Police Officials

**F. DECLARATION OF EMERGENCY.**

1. As soon as Flood starts, and emergency is declared and rescue operation starts, the police force will render every assistance in the operation.
2. It will be ensured by the Sub-sector commander that during the rescue operation the criminals may not become active in the flood affected area.
3. A police patrolling party comprising HC/1, CS/3, will be deputed to each affected village/Basti in order to maintain law and order.
4. Similar assistance will be offered for re-settlement and rehabilitation of flood affectees.
5. If unclaimed property/cattle are found by the police, it will be seized and disposed off according to law.
6. A close watch will be kept at flood relief camps are favorite targets of criminals.

**G. CO-ORDINATION / CO-OPERATION.**

1. Under due instructions from commanders, the sector commanders will fully cooperate with the civil counter parts. Sub-Sector Commanders will co-operate with local civil officials, deputed for flood duties in the flood affected areas.
2. Likewise, liaison will be kept with flood relief committees constituted to meet the flood challenge.

**H. COMMUNICATIONS.**

Communication will be by: -

1. Telephone. (List as annex A)
2. District Wireless Network.

A Control Room will coordinate in the Police Lines, Multan under the direct control of DSP/Tele. I/C Wireless Staff, Multan who will deploy upper subordinates to main it. A Roznamcha / Log Book will be maintained to record all important events.

### **GENERAL INSTRUCTIONS.**

1. During Flood emergency the District Police will remain stand to and leaves of all kind will be banned.
2. RI/LO will keep all Motor Vehicles at Lines in perfect running conditions.
3. The behaviour of police towards flood stricken people will be polite and sympathetic. They will be polite and sympathetic. They will be given every help for their relief.
4. Criminal and Anti-social elements will be kept under constant watch and immediate legal action will be taken if they get indulged in criminal or anti-social activities.
5. The Civil Administration will provide all possible assistance in the provision of men and procurement of material to fight the flood threat.

### 1. **WIRELESS CONTROL.**

The wireless control will convey all the necessary information to the concerned SHOs and other officers.

### 2. **TRAFFIC ARRANGEMENTS.**

Chief Traffic Officer will deploy Traffic duty on the routes from Relief Camps to Multan City.

### 3. **SPECIAL BRANCH.**

Special Branch will deploy appropriate number of officials who will be responsible for complete sweeping.

### 4. **CIVIL DEFENSE.**

The Civil Defense Officer will deploy appropriate number of officials at the above mentioned places i.e. (Relief Camps).

### 5. **FIRE BRIGADE.**

Incharge Fire Brigade will be responsible for keeping the Fire Brigade in ready position.

## SUPERVISION

Sector Commander under the control of respective Area Commander will supervise the police arrangements in their respective areas whereas Sr. Superintendent of Police, Operations, Multan will exercise over all command & control.

### DETAILS OF AFFECTED MOUZAJAT INSIDE AND OUTSIDE OF BUNDS

Police Station	Circle	Div.	Total Mouza	Inside Bund	Out-side Bund	Relief Camp	Deployment of Force Relief Camps		Deployment of force patrolling inside bund	
							U/S	Cost	U/S	Cost
Qutabpur	Cantt	Cantt	05	02	03	01	02	08	04	08
Muzaffarabad	-do-	-do-	13	08	05	02	04	16	16	32
Alpa	Saddar	Gulgash t	29	18	11	03	06	24	36	72
Saddar	-do-	-do-	10	10	-	04	08	32	20	40
City Shujabad	Shujabad	Sadar	10	03	03	02	04	16	06	12
Saddar Shujabad	-do-	-do-	12	08	04	02	04	16	16	32
Saddar Jalalpur	Jalalpur	-do-	29	18	11	05	10	40	36	72
<b>Total</b>			<b>108</b>	<b>67</b>	<b>37</b>	<b>19</b>	<b>38</b>	<b>152</b>	<b>134</b>	<b>268</b>

			<u>U/S</u>	<u>Cost:</u>
Total Deployment of Police Force on Relief Camps	=		38	152
// // Patrolling	=		134	268
Grand Total	=		172	420

Note: - 03 Mouzas are inside and outside of the bunds in the area of PS Qutabpur & at the same time 04 Mouzas are inside and outside of the bund in the area of PS City Shujabad.



Alpa	1. Sambal 2. Jhoke Wans Parli 3. Margetpur 4. Sarwani Bela 5. Dowaba 6. Allah Dadi 7. Zamanpur 8. Mardazi Khera 9. Dhallu 10. Khazanpur 11. Wandar 12. Amirpur 13. Jhoke Sarkari 14. Bahawalpur Khera 15. Laskherpur 16. Jhoke Shajra 17. Wallon 18. Jhabilpur 19. Khana Badoshan 20. Sahi Chawan 21. Jhoke Arbi 22. Jhoke Wans 23. Ran Lab Darya 24. Band Bosan 25. Bosan Hatar 26. Shah Pur jar 27. Allah Yar Pur jar 28. Nawab pur 29. Kot Mahra	1. Sambal 2. Jhoke Wans Parli 3. Margetpur 4. Sarwani Bela 5. Dowaba 6. Allah Dadi 7. Zamanpur 8. Mardazi Khera 9. Dhallu 10. Khazanpur 11. Wandar 12. Amirpur 13. Jhoke Sarkari 14. Bahawalpur Khera 15. Laskherpur 16. Jhoke Shajra 17. Wallon 18. Jhabilpur 19. Khana Badoshan	1. Sahi Chawan 2. Jhoke Arbi 3. Jhoke Wans 4. Ran Lab Darya 5. Band Bosan 6. Bosan Hatar 7. Shah Pur jar 8. Allah Yar Pur jar 9. Nawab pur 10. Kot Mahra 11. Khana Badoshan	1. Bosan Regulatory  2. Nawab Pur Regulatory  3. Office of the Union Council Jhoke Wans	2 8 from PS Alpa  2 8 from Police Lines  2 8 from Police Lines	36 72 Motor vehicle from Police Lines
Saddar	1. Noon Dhawana 2. Pakka Sandila 3. Garawala 4. Baqirabad 5. Dhudi 6. Akbarpur 7. Binda Sindla 8. Alamdi sura 9. Khor Sajri Wain 10. Binda Mulana	1. Noon Dhawana 2. Pakka Sandila 3. Garawala 4. Baqirabad 5. Dhudi 6. Akbarpur 7. Binda Sindla 8. Alamdi sura 9. Khor Sajri Wain 10. Binda Mulana	Nil	1. Middle School Alamdi Sura  2. Office of the union Council Jhowk Baloo  3. Sikardari Nala  4. Suraj Miani	2 8 From PS Saddar  2 8 from Police Lines  2 8 from Police Lines  2 8 from Police Lines	20 with Motor Vehicle from Police Lines
City Shujabad	1. Khan pur Kazian 2. Fath-e-Bela 3. Soman 4. Sherpur 5. Tahirpur 6. Marah 7. Moza Jai 8. Moza Ponta 9. Moza Mochipur 10. Wans	1. Khan pur Kazian 2. Fath-e-Bela 3. Soman 4. Sherpur 5. Tahirpur 6. Mara 7. Moza Jai	1. Wains 2. Mochipura 3. Ponta	1. Govt: H.S. Phonta  2. Band Mouchpura	2 8 From PS City Shujabad  2 8 from Police Lines	6 12 with Motor vehicle from Police Lines
Saddar Shujabad	1. Dhundu 2. Jalalpur Khaki 3. Bhana 4. Jhangi 5. Khakhi Panjani 6. Sayreen Shujra 7. Taroor	1. Dhundu 2. Bhana 3. Sayreen Shujra 4. Taroor Jalalpur 5. Chak Jalalpur 6. Chutian Sharif 7. Jhangi 8. Thatta Makhdoompur	1. Khakhi Panjani 2. Jalalpur Khakhi 3. Baghri 4. Gardezpur	1. Govt: Middle School Gardezpur  2. Rest House Punjani	2 8 from Police Lines  2 8 from Police Lines	16 32 Motor vehicle from Police Lines

4 Mouzas are inside and outside of bund.

	Jalalpur 8. Chak Jalalpur 9. Chutian Sharif 10. Thatta Makhdoompur 11. Baghri 12. Gardezipur					
Saddar Jalalpur	1. Kakeri 2. Shah pur Lama 3. Repari 4. Wech Sindila 5. Taroor Manakwali 6. Narol 7. Nehranwala 8. Bait Kach 9. Bait Kaser 10. Tibi Maulvi Atta 11. Bait Mughal 12. karamu wali 13. Sheni Miani 14. Khan Bela 15. Darabpur 16. Daulatpur 17. Langar 18. Kotla Imam Din 19. Miran Malah 20. Tibi 21. Jahanpur 22. Khakhi Ponta 23. Mansoorpur 24. Kotli Aadli 25. Jangwala 26. Khakhi 27. Mohsinwali 28. Manikwali 29. Behli	1. Kakeri 2. Shah pur Lama 3. Repari 4. Wech Sindila 5. Taroor Manakwali 6. Narol 7. Nehranwala 8. Bait Kach 9. Bait Kaser 10. Tibi Maulvi Atta 11. Bait Mughal 12. karamu wali 13. Sheni Miani 14. Khan Bela 15. Darabpur 16. Daulatpur 17. Langar 18. Kotla Imam Din	1. Miran Malah 2. Tibi 3. Jahanpur 4. Khakhi Ponta 5. Mansoorpur 6. Kotli Aadli 7. Jangwala 8. Khakhi 9. Mohsinwali 10. Manikwali 11. Behli	1. Badhar Pur  2. Noraja Bhutta  3. Umerpur  4. Shujatpur  5. Mohana Sandhela	2 8 from Police Station Saddar Jalalpur 2 8 from PS City Jalalpur  2 8 from Police Lines 2 8 from Police Lines 2 8 from Police Lines	36 72 with Motor vehicle from Police Lines
<b>Total</b>	<b>108</b>	<b>67</b>	<b>37</b>	<b>19</b>	<b>38</b>  15  2	<b>134</b>  26  8

**LIST OF IMPORTANT TELEPHONE NUMBERS**

Sr. No	Designation	Telephone Numbers	
		Office	Residence.
1.	<b>City Police Officer Multan.</b>	<b>9200476-Fax 437</b>	<b>9200474-478</b>
2.	<b>Sr. Superintendent of Police Operations.</b>	<b>9200865</b>	<b>0337-3155501</b>
3.	<b>SP Admn &amp; Security</b>	<b>9200455</b>	<b>0337-3151503</b>
4.	<b>SP Cantt Division</b>	<b>9200475</b>	<b>0337-3151600</b>
5.	<b>SP Gulgasht Division</b>	<b>9200910</b>	<b>0337-3151545</b>
6.	<b>Chief Traffic Officer</b>	<b>9200657</b>	<b>061-9239457</b>
7.	<b>SP Special Branch.</b>	<b>9200459-60</b>	<b>0333-6147057</b>
8.	<b>DSP Cantt.</b>	<b>9200662</b>	<b>0337-3151518</b>
9.	<b>DSP Saddar</b>	<b>9239466</b>	<b>0337-3151559</b>
10.	<b>DSP Muzaffarabad</b>	<b>6538687</b>	<b>0337-3151529</b>
11.	<b>DSP/ Shujabad</b>	<b>4396503</b>	<b>0337-3151528</b>

12.	DSP/ Jalalpur Pirwala	4210235	0337-3151539
13.	DSP/HQrs	9200479	0337-3151551
14.	DSP/Traffic	9200657	0300-6361641
15.	SHO PS Qutab Pur	9200450	0337-3151534
16.	SHO PS Qadir Pur Rawan	4578025	0337-3151520
17.	SHO PS Muzaffarabad	4590160	0337-3151531
18.	SHO PS Saddar	4546090	0337-3151561
19.	SHO PS Alpa	6014032	0337-3151564
20.	SHO PS Gulgasht	9200407	0337-3151550
21.	SHO PS City Shujabad	4396847	0337-3155530
22.	SHO PS Sadar Shujabad	4396848	0337-3155533
23.	SHO PS Sadar Jalalpur pirwala	4210020	0337-3155544
24.	SHO PS City Jalalpur Pirwala	4210529	0337-3155541
25.	Police Service Counter	15 (4510200)	
26.	Police Wireless Control Room	9200445	
27.	Fire Brigade	116	
28.	EDO Civil Defence	9200706	
29.	Nishtar Hospital	9200230-236	
30.	Civil Hospital	9200943	
31.	Edhi Welfare	115	
32.	Rescue Service	1122	

**FLOOD RELIEF CAMP BY POLICE IN PUNJAB.**

S.NO	DISTRICT	No. of Camps	Deployment			
			Upper Subordinate (SI/ASI)	HC	FC	PQR
1.	Multan	24	77	-	281	144

ملتان

سٹی ٹریفک پولیس

ایمان تنظیم اتحاد

ٹریفک انتظامات



منجانب

چیف ٹریفک آفیسر ملتان

- 1- اس پلان کا مقصد خدا نخواستہ کسی ایمر جنسی کی صورت میں ریسکیو گاڑیوں کو جانے دوئے تک اور زخمیوں کو قریب ترین ہسپتال تک روٹ کلیمر دینا۔
- 2- تمام سیکٹر انچارجز اور ڈیپٹک وارڈنز کو ایمر جنسی حالات میں اپنے کردار کے متعلق علم ہونا۔
- 3- جانے دوئے کے نزدیک محفوظ فاصلے پر پارکنگ کرانا۔
- 4- جانے دوئے کے نزدیک ترین سرکاری ریسرٹو کار یا ہسپتالوں کا اور ان تک جانے والے راستوں کا علم ہونا۔
- 5- ایمر جنسی کی صورت میں ایمر جنسی سروسز کے فون نمبر کا معلوم ہونا۔
- 6- جانے دوئے پر متعلقہ سیکٹر انچارج کا فوری طور پر پہنچنا۔
- 7- QRF سٹی وڈزانی فوری طور پر جانے دوئے پر پہنچنے اور ایمر جنسی گاڑیوں کے لیے راستہ کلیمر دینے کے ذمہ دار ہونگے۔

### انچارج ڈیوٹی:

- ☆ عطیہ ناہید جعفری DSP ہیڈ کوارٹرز  
کسی بھی ایمر جنسی کی صورت میں شجاع آباد جلاپور میں واقع تمام ہسپتالوں کی ڈیوٹی اور ایمر جنسی روٹ کی ڈیوٹی کو Manage کرنے کے ذمہ دار ہوگی اور ملتان شہر میں کسی بھی ایمر جنسی کی صورت میں تمام ڈیپٹک ڈیوٹی کی نگرانی کریں گی۔
- ☆ محمد طارق DSP ٹریفک آفیسر سرکل سٹی  
کسی بھی ایمر جنسی کی صورت میں سرکل قذافی میں واقع تمام ہسپتالوں کی ڈیوٹی اور ایمر جنسی روٹ کی ڈیوٹی کو Manage کرنے کے ذمہ دار ہونگے۔
- ☆ محمد اسلم خان انسپیکٹر ٹریفک آفیسر سرکل قذافی  
کسی بھی ایمر جنسی کی صورت میں سرکل سٹی میں واقع تمام ہسپتالوں کی ڈیوٹی اور ایمر جنسی روٹ کی ڈیوٹی کو Manage کرنے کے ذمہ دار ہونگے۔

چیف ٹریفک آفیسر

ملتان

## ایویکوائشن پلان

کسی بھی ایمر جنسی یا بینگامی صورت حال کے پیش نظر متعلقہ روڈ کو بیئر لگا کر ٹریفک کیلئے بند کر دیا جائیگا۔ اور کسی بھی قسم کی ٹریفک ماسوائے ریسیکیو گاڑیوں کو جانے دیا جائیگا۔

1- متعلقہ سیکٹر انچارج فوری طور پر مقام قوہ کو بیئر لگا کر ہمہ قسم کی ٹریفک کیلئے بند کریں گے ماسوائے ایمر جنسی گاڑیوں کے باقی تمام گاڑیوں کو

متبادل روٹ پر ڈائیورٹ کیا جائیگا

2- QRF تفریقی اور QRF سٹی اپنے اپنے علاقے کے ایمر جنسی روٹ کلکٹیر دینے کے ذمہ دار ہونگے۔

3- تمام ایمر جنسی گاڑیوں کو متعلقہ سرکل انچارج ایمر جنسی روٹ دیں گے جسے متعلقہ سیکٹر انچارج فوری طور پر کلکٹیر کرنے کے ذمہ دار ہونگے۔

4- ایمر جنسی گاڑیوں کے علاوہ کسی قسم کی گاڑی کو موقعہ کی طرف داخل نہیں ہونے دیا جائیگا۔

5- اپنے اپنے سیکٹر میں موجود تمام ہسپتال کے انٹری گیٹ کلکٹیر کروایا جائیگا تاکہ ایمر جنسی گاڑیوں کو کسی قسم کی رکاوٹ نہ ہو۔

6- میڈیا کی گاڑیوں کو اس طرح پارک کروایا جائیگا تاکہ ایمر جنسی گاڑیوں کے کام میں رکاوٹ پیدا نہ ہو۔

7- انچارج بیئر سیکوڈ فوری طور پر 50/60 بیئر لود کر مقام قوہ کے قریب اپنی پوزیشن رکھیں گے۔

8- نظردارین فوری طور پر اپنی پوزیشن مقام قوہ کے قریب رکھیں گے۔

9- وائزلیس کنٹرول پر غیر ضروری کال (CONVERSION) سے گریز کریں گے۔

10- FM ریڈیو اسٹیشن پر ماسور انسٹران فوری طور پر متبادل روٹ کے بارے میں عوام الناس کو مطلع کریں گے اور PRO بذریعہ کیبل آپریٹر متبادل روٹ کے

بارے میں TICKER چلوائیں گے۔

## ڈیوٹی ہسپتال

### سرکل سٹی

STW=1		STW=1		STW=1		سیکڑا نچارج:	
نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نمبر شمار	
10.00 بجیرات تا 07.30 بجیدن	03.00 بجیدن تا 11.00 بجیرات	07.00 بجیدن تا 3.30 بجیدن					
TW=1	TW=3	TW=3				1	نشر ہسپتال
TW=1	TW=2	TW=2				2	CMH ہسپتال
TW=1	TW=2	TW=2				3	کارڈیالوجی سنٹر
TW=1	TW=2	TW=2				4	سول ہسپتال
TW=1	TW=2	TW=2				5	شہباز شریف ہسپتال

### سرکل قذافی

STW=1		STW=1		STW=1		سیکڑا نچارج:	
نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نام مہسرن ملا زمان	نمبر شمار	
10.00 بجیرات تا 07.30 بجیدن	03.00 بجیدن تا 11.00 بجیرات	07.00 بجیدن تا 3.30 بجیدن					
TW=1	TW=2	TW=2				1	سٹی ہسپتال
TW=1	TW=2	TW=2				2	فاطمہ میڈیکل سنٹر
TW=1	TW=2	TW=2				3	واپڈا ہسپتال
TW=1	TW=2	TW=2				4	خواجه فرید ہسپتال
TW=1	TW=2	TW=2				5	این سینا ہسپتال
TW=1	TW=2	TW=2				6	بختوارائن ہسپتال

## QRFSکواڈ

اپنی پوزیشن ایمر جنسی روٹ پر رکھیں گے اور روٹ کلائمر دیں گے۔

### بیر نیئر سکواڈ

اپنی پوزیشن مقام وقوع کے قریب رکھیں گے اور وقوع کو چار اطراف سے بیر نیئر لگا کر بند کریں گے۔

# **MONSOON/FLOOD** **CONTINGENCY PLAN 2019**



## **PUNJAB EMERGENCY SERVICE** **RESCUE 1122 MULTAN**

### **FLOOD HISTORY OF MULTAN**

River Chenab is a line of demarcation between District Muzaffar Garh and District Multan. It affects population of both districts in monsoon weather when level of water rises up due to snow fall. In previous floods population of District Multan (Multan City, its villages, Tehsil Shujabad and Jalalpur Peerwala) were affected. List of risk areas for flood in District Multan has been included in this contingency plan. Hence preparation for likely impact on livelihood, housing, essential services and vulnerable groups of these high risk areas is very important in 1<sup>st</sup> phase of contingency planning for flood. Population of thousands people and their livestock can be at risk due to flood in River Chenab.

### **VISION AND OBJECTIVES OF THE DEPARTMENT**

#### **VISION**

To prevent, control and rescue any catastrophe by adopting concrete measures.

#### **MISSION**

The Mission of Rescue1122 Multan during flood is to develop safer communities for timely response and integrated rescue activities.

#### **OBJECTIVES**

- To develop the culture of prioritizing and adapting the risk safety measures amongst the society for combating flood.
- To inculcate the sense of preparedness among the residents of the district Multan and train them to a certain degree of self help for a challenging situation.

- To devise policies and procedures to upgrade the safety kits, technical, human and material resource, in all the risk areas of the district and lay out an effective plan to utilize the pool of resources efficiently in times of disaster.
- To strengthen and upgrade the **early warning system** and develop communication channels for the concerned stakeholders.
- To develop harmony among all the stakeholders for the development of coordinated efforts during flood disaster.
- To execute the preparedness agenda of drills and mock exercises on regular basis.
- To monitor and evaluate the inventory of equipments and manpower of all stakeholders in qualitatively and quantitatively terms.
- To devise and activate chain of command and control center for steering trigger mechanism

### **PURPOSE**

The use of Flood Disaster Management Plan at Multi-Agency incidents will serve to reduce confusions, eradicate duplication of efforts, provide a more effective operational process, improve the life saving and property protection effectiveness of the effort and, most importantly, develop safer environment for the responders of incidents.

The key responsibilities of agencies include:

- **Planning**: the analysis of needs and the development of executing strategies for utilization of resources.
- **Preparedness**: establishment of structures, development of systems and testing and evaluation of organizations strength to perform their assumed roles.
- **Coordination**: Continuous liaison with concerned stakeholders, sharing of information and strengths for viable efforts.

## **MANAGEMENT OF FLASH FLOOD IN SHALLOW RESIDENTIAL AREAS OF MULTAN CITY DUE TO UNUSUAL RAIN.**

Multan City has variant features regarding its situation. It has different ups and down. Old population of Multan City is situated on area at least 70 feet higher than other area where new population about 48.5 Lac, hence unusual rains in Multan City can disturb life of population residing in such areas.

Rescue 1122 Multan will establish Rescue Posts in such area with collaboration of WASA and Health Department. These posts comprising of different

departments will provide help and rescue facilities to residents of shallow areas at their door step. Drainage of rainy water, health aid, restoration of traffic and communication with other necessities of life is the tasks of priority for such rescue posts.

## **MONSOON RAIN/FLOOD MANAGEMENT**

An overflow of water from a lake, river or other body of water due to excessive rainfall or other input of water is called flood.

### **MAIN CAUSES**

**Monsoon** rainfalls can cause disastrous flooding in some parts of Pakistan as it has happened during the previous flood.

### **EVACUATION PLAN**

- Availability of transport for flood affectees with the assistance of Secretary, DRTA and CTO.
- Report will be submitted to PMC and concerned DC timely.

### **LIST OF OTHER DEPARTMENTS WITH RESOURCES**

Police	Manpower
Civil Defence	Manpower/Equipments
Health	Manpower/equipments
Wasa	Manpower/Equipments
Municipal Corporation Multan	Manpower/Equipments
District Council, Multan	Manpower/Equipments
Municipal Committee, Shujabad	Manpower/Equipments
Municipal Committee, Jalalpur	Manpower/Equipments
MEPCO	Manpower/equipments
SNGPL	Manpower/Equipments
PTCL	Manpower/Equipments
Public Health Engineering	Manpower/Equipments
Livestock	Manpower/Equipments
Agriculture	Manpower/Equipments
Food Department	Manpower/Equipments
Irrigation	Manpower/Equipments
Social Welfare	Manpower/Equipments

**ESTABLISHMENT OF FLOOD RELIEF CENTRES**

- Identification of sites for flood Relief Centers
- Reactivation of NGOs and coordination with District Administration.
- Establishment of Health desks by CEO Health
- Constitution of District & Tehsil Relief Committees in coordination with District Administration

**INSPECTION OF RELIEF CAMPS**

- By All concerned Executives

**DAMAGE ASSESSMENT OF FLOOD AFFECTEES**

- Assessment of damaged properties by concerned departments.
- Assessment of damaged crops by concerned departments.

**STRATEGIC FRAMEWORK FOR MONSOON/FLOOD DISASTER MANAGEMENT**

The Multan District Government and the concerned Departments, organization and agencies will monitor and evaluate the activities in the following areas for action and implementation as per the available resources and timeframe as preparatory efforts to control crisis and combat flood catastrophic situation in the District.

The coordination will be developed with the District Disaster Management Authority of Multan (DDMA) for policy making in the District while the stakeholders both from the public and private sectors will act as implementation agencies. Appropriate system of procedures and plan would be developed to facilitate effective working DDMA. This would also indicate acquiring staff and resources. Efforts will be particularly undertaken to form effective emergency centers at Tehsil/town levels.

## **HIGH RISK AREAS**

There are two main reasons of flood in the vicinities of District Multan according to previous observations.

1. The River Chenab.
2. Unusual Rains.

## **IDENTIFICATION OF AREAS ON RISK**

<b>Name of Area</b>	<b>Inside Bund</b>	<b>Outside bund</b>
Sikandri Nala		
	Paka Sandila	
	Dhudhi	
	Baqr abad	
	Bhanda Sandila	
	Bhanda mulana	
Qutab Pur		
	Bally	Muhamad pur Ghota
	Hamroot	Arjwn Sharif
		Langrial
Muzafar Abad		
	Bhkhari	Muzafarabad
	Jankar pur	Thathi Lal
	Raja pur	Hamid Pur Kanoora
	Hamid Pur	Tiba Masood Pur
	Sheer Shah	Harjan Shareef
	Buch	
	Gagrah Kachoor	
Bund Bosan		
	Sanbal	Sali Sawan
	Jhoke Vence	Jhoke Arbi
	Margat Pur	Jhoke Vence
	Sarwani Bela	Raan Lub Darya
	Dauba	Ban Boson
	Allah Dari	Boson Mattar
	Zaman Pur	Asha Pur
	Mardazi Kheri	Allah Yaar Pur
	Ameer Pur	Nawab Pur
	Jhoke Sarkari	Khana Badoshan
	Bahawalpur Khera	

	Jheel Pur	
	Khana Badosha	
Shuja Abad		
	Khan Pur Kafian	Mance
	Fateh Bela	Mochi Pur
	Soman	Ponta
	Sher Pur	Khakhi Punjabi
	Tahir Pur	Jalal Pur Khakhi
	Marha	Bagar Pulli
	Moza Jaai	Gardez Pur
	Dhand	Thatta Makhdoom Pur
	Bhana	
Jalal Pur Pirwala		
	Sha Pur Laman	Tibbi
	Nihalan wala	Jahan Pur
	Tibbi Molvi Atta	Khakhi Ponta
	Karmoo Wali	Mansoor Pur
	Khan Bela	Kotli Adil
	Dolat Pur	Khakhi
	Langar	Mohsin Aami
	Kot Imaam Din	Behli

## AVAILABILITY OF RESCUE 1122 RESOURCES:

Punjab Emergency Service (Rescue1122), Multan has the following resources to combat flood situation in the district:

Sr.No.	Resources	Qty Available	Operational Status
1	Rescuers (Manpowers)	530	Operational
3	Ambulances	27	Operational
4	Rescue Vehicle	02	Operational
5	Water Rescue Vehicle	01	Operational
6	<b>OBM Engines</b>	<b>33</b>	<b>Operational</b>
7	<b>Boats</b>	<b>33</b>	<b>Operational</b>
8	Diving Kits	06	Operational
9	Life Jackets	490	Operational
10	Life Rings	222	Operational
11	Floating Line	10	Operational
12	Rescue Quote	10	Operational
13	Portable Generator with Flood Light	01	Operational
14	Plastic Mats	975	Operational
15	Boat Carriers	06	Operational

## DEPLOYMENT OF FLOOD RESOURCES

Sr.#	Location	Qty of Boats with All Accessories	Back Up Boats	TOTAL
<b>Multan</b>				23 Boat with All Accessories
1	Sambhal	02	02	
2	Shirin Wala/Bosan	02		
3	Luck Wala	02		
4	Basti Ghanta Ghar	02		
5	Garray Wala	02		
6	Bridge Muhammad Wala	04		
7	Basti Langrial	01		
8	Muhammad Pur Ghoti	02		
9	Jalalabad	02		
10	Valvet Mor	02		

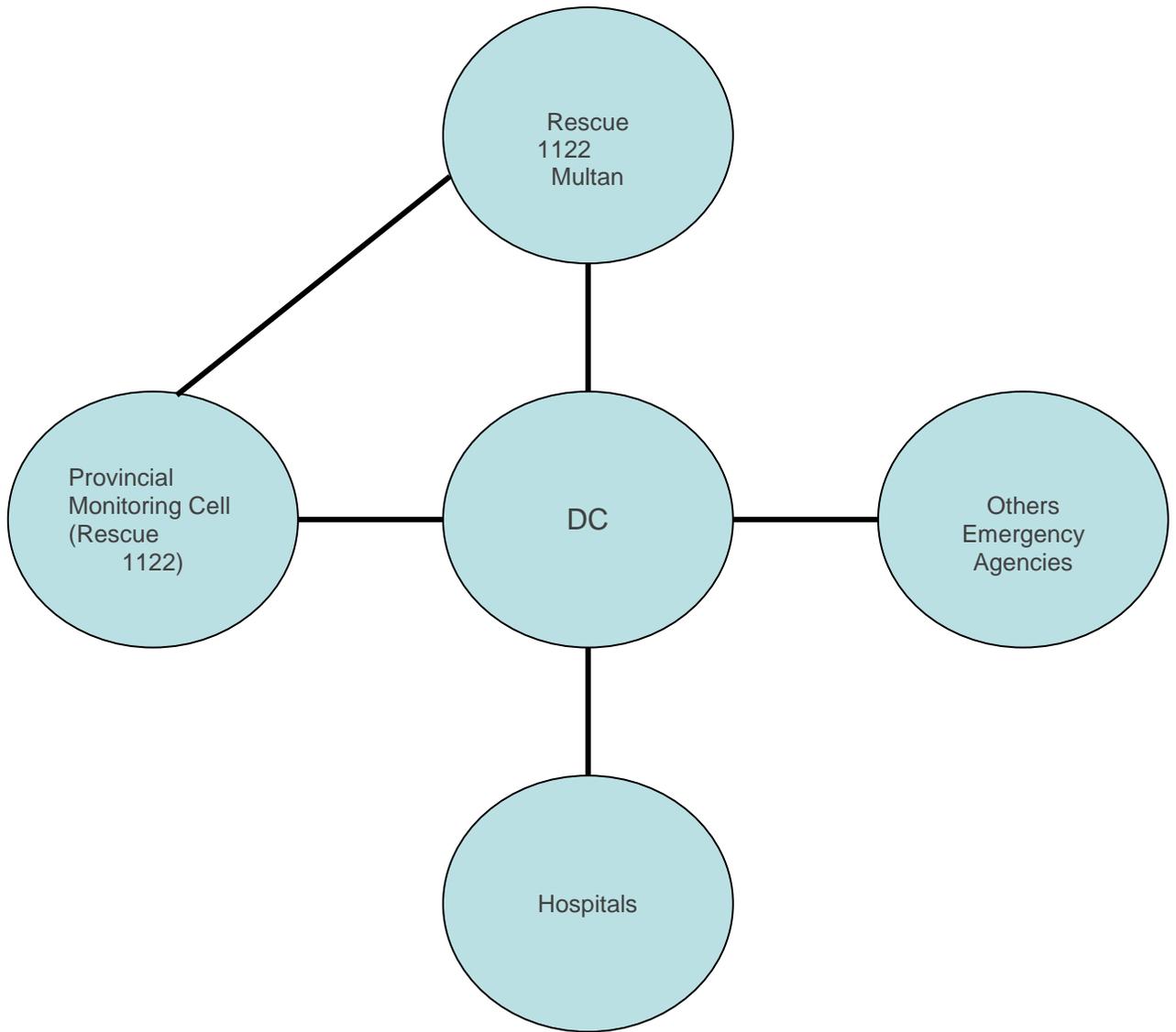
<b>Tehsil Shujabad</b>				
1	Tahir Pur	01	01	05 Boat with All Accessories
2	Ponta	01		
3	Moza Summan	01		
4	Dhundo	01		
<b>Tehsil Jalalpur Pirwala</b>				
1	Wacha Sandeel	01	02	05 Boat with All Accessories
2	Basti Baharan	01		
3	Khan Bela	01		

**BACK UP PLAN:**

In case of any disaster Rescue 1122 Vehari, Khanewal, Muzaffar Garh and Lodhran will be high alert as a backup teams.

<b>Sr.#</b>	<b>FOCAL PERSON</b>	<b>DISTRICT</b>	<b>CONTACT NO.</b>
1	Dr. Ijaz Anjum	Khanewal	065-9200367 0333-7621122
2	Engr. Danish Khalil	Vehari	067-33360906-3 0313-6063704
3	Baqir Hussain	Lodhran	0608-9200113 0332-6531122
4	Dr. Irshad Ul Haq	Muzaffar Garh	066-9200134 0333-4238012

# UNIFIED COMMAND SYSTEM



## **CONTACT LIST RESCUE 1122 MULTAN**

<b>Name of Officer</b>	<b>Desig.</b>	<b>Office No.</b>	<b>Cell No.</b>
Dr. Kaleem Ullah	District Emergency Officer	061-9220309-10	0323-4018426
Dr. Khalid Mahmood	Emergency Officer	061-9220310	0300-0301122
Engr. Ahmad Kamal	Emergency Officer	061-9220307-10	0300-7350001
M. Arshad	Rescue & Safety Officer	061-9220310	0301-2243300
Aftab Hussain	Rescue & Safety Officer Shujabad	061-9220310	0302-7785511
M. Mudassar Zia	Control Room Incharge	061-9220305	0302-4799310

**Help Line**                    **1122**  
**Control Room:**        **061-9220305**  
                                      **061-9220317**

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## WATER AND SANITATION AGENCY (MDA) MULTAN

### GENERAL INFORMATION

<b>ESTABLISHMENT OF WASA</b>	April 1992
<b>JURISDICTION AREA</b>	584 Km <sup>2</sup>
<b>POPULATION OF MULTAN</b>	2.2 MILLION
<b>COVERAGE OF SEWERAGE</b>	65% population (1.43 million) 117 Km <sup>2</sup>
<b>COVERAGE OF WATER SUPPLY</b>	55% population (1.21 million) 58 Km <sup>2</sup>
<b>WATER DISTRIBUTION SYSTEM</b>	102 Tube wells (04 Cusec Each) 1448 Km Network (02" to 24") 33 Filtration Plants (1000 Gallons/hr)
<b>SEWERAGE SYSTEM</b>	1774 Km sewer (9" to 72") 15 Disposal Stations 10 Lift Stations

## **MAXIMUM RAIN FALL IN MULTAN**

<b>03 September, 1976</b>	<b>134.2 mm</b>
24 July, 1978	114.30 mm
19 August, 1992	127.00 mm

## **MONTHLY AVERAGE RAIN FALL IN MULTAN**

**In millimeter**

<b>January</b>	<b>09</b>
<b>February</b>	<b>10</b>
<b>March</b>	<b>12</b>
<b>April</b>	<b>09</b>
<b>May</b>	<b>09</b>
<b>June</b>	<b>14</b>
<b>July</b>	<b>50</b>
<b>August</b>	<b>40</b>
<b>September</b>	<b>12</b>
<b>October</b>	<b>02</b>
<b>November</b>	<b>02</b>
<b>December</b>	<b>06</b>

## **PRE-FLOOD ARRANGEMENTS 2019**

- Regular De-silting of trunk and lateral sewers.
- De-silting of major drains/ Sullage Carriers.
- Installation of rain gauges at disposal stations (Chung#.9 Kirri Jamandan, Old Shujabad Road, Sameejabad)
- Up-gradation of Disposal Stations including repair of pumping machinery
- Dual Power Source (Double Feeder) at all major Disposal Stations along with stand by Generators..
- Functionality of 33 generators at Disposal / Lift Stations
- Installation of Dewatering Pumps in low lying areas
- Dewatering plan for reduction in detention period of rain water at sore points.
- 24/7 functioning of centralized/online complaint cell
- Monitoring of Online complaint cell to ensure redressal within 24 hours.
- Contingent Plan of O&M during Monsoon Season.
- Critical watch on ponding areas.

## CLEANLINESS / DE-SILTING CAMPAIGN UNDER CLEAN & GREEN PUNJAB

January 2019 T0 Date

Sr.#	Name of WASA (Divisions)	De-Silting of Sewerage System		Remarks
		No. of Manholes	Approximate Length of Sewer (Km)	
1	(Sewerage Central Div)	2030	43.310	2 <sup>nd</sup> round of de-silting is in progress.
2	(Sewerage South Div)	2149	45.85	2 <sup>nd</sup> round of de-silting is in progress.
3	(Sewerage North Div)	1987	42.39	2 <sup>nd</sup> round of de-silting is in progress.
4	Mechanical De-silting of Sewers	-	1.38	Started from 1st March 2019

### MONITORING SYSTEM FOR URBAN FLOODING

S #	Activity	Action By
1	Monitoring of 24/7 Centralized Monitoring Cell (CMC) at WASA Head Office Ph. Numbers: 1334 061-9330014-15, 061-9330054 Email: wasa_mln@yahoo.com	MD WASA Office
2.	Coordination & liaison with District Emergency Officer and Metrological Department	Centralized Monitoring Cell MR. Anjum-u-Zaman (SOT) Cell # 0300 6304260 Mr.Umair Asgher (Asstt: Director Complaint Cell) Cell # 0304 2793323
3.	Flood Relief Centers 1. Hasan Parwana Water Works 2. Gulgusht WASA Office 3. Mumtazabad Water Works 4. Gulgasht Colony Water Works 5. Sameejabad Disposal Station	Concerned DDs Dy. Dir Sewerage South 0307 7996996 Dy. Dir Sewerage North 0301 7777896 Dy. Dir Sewerage Central 0302 7760067 Dy. Dir Water Supply 0300-6303713 Dy. Dir Disposal Stations 0301 7777896

## LIST OF MACHINERY AVAILABLE

S#	Description	Qty (No)	
		PDMA	WASA
1	<b>Dewatering Sets</b>		
2	5 Cusec	-	06
3	4 Cusec	02	15
4	2 Cusec	02	10
5	1.5 cusec	-	02
6	1 Cusec	20	15
7	0.33 cusec (Mono Block)	-	13
8	0.1Cusec (submersible )	-	05
9	Total	24	66
10	G.Total	90	

### DISPOSAL STATION DIVISION, WASA ELECTRIC GENERATING CAPACITY AT DISPOSAL STATIONS (Diesel Generators)

S #	STATION	630 / 500 kVA (Siemens)	300 kVA (Siemens)	250 kVA (CAT)	225 kVA (ROSSI)	100 kVA (CAT)	30/50 kVA (CAT)	TOTAL
01	Suraj Miani	02	-	-	-	-	-	02
02	Old Shujabad Road	01	01	-	01	-	-	03
03	Vehari Road	-	01	02	01	-	-	04
04	Kirri Jamanda	02	01	-	-	-	-	03
05	Chungji # 9	02	01	-	-	-	-	03
06	Farooq Pura	-	01	-	-	-	-	01
07	Wahid Abad	-	-	-	-	-	01	01
08	Samijabad	2	-	01	01	-	-	04

09	Advog Vehra	-	-	-	-	-	01	01
10	Madina colony	-	-	-	-	-	01	01
11	Muzafferabad	-	01	-	-	-	01	02
12	Garden Town	-	01	-	-	-	01	02
13	Under Pass	-	-	-	-	01	01	02
14	Mobile	-	-	01	-	-	03	04
<b>Total</b>		<b>09</b>	<b>07</b>	<b>04</b>	<b>03</b>	<b>01</b>	<b>09</b>	<b>33</b>

### LIST OF PONDING AREAS DURING RAIN

<b>Sub Division</b>	<b>Location of Sore Points</b>	<b>Name of Sewerman with cell # &amp; address</b>	<b>Name of Supervisor (Sub Engineer)</b>	<b>Name of officer concerned (Asstt: Director)</b>
Gulgasht Colony	Pir Khursheed Colony Road	Muhammad Asghar 03008924949, Anyyat Pur Muhuta, Multan.	Ch. Basharat 03006517273	Fazal-ur-Rehman 03006386311
Eid Gah	Wahdat Colony Rasheedabad Chowk	Muhammad Jaffer 03005802065, 17 Kassi Multan.	Sohail Ahmed 03017887997	Khizar Hayyat 03006343160
Suraj Miani	Katchehry Road	Muhammad Qaeer 03016844442, Kalro Colony Multan	Muhammad Adeel 03017475731	Umair Ayyub 03227524379
New Multan	Hussain Agahi Road	Mushtaq 03017503947, Gulshan-e-Mehr Colony Multan	Ahmed Raza 03039776329	Ahmed Mujtaba 03007322775
Mumtazabad	Jinnah Park Service Road near Hamza Chowk SRA	Muhammad Yaqoob 03077888010, New Shadab Colony2, St #17 Multan	Malik Ishaq Bashir 03017524124	Mehmood Ahmed 03006353992
Qasim Pur Colony	BCG Chowk	Muhammad Kamaran 03226100928, H# 1730 Krri Jamandan Multan	Rana Ikram 03040100692	Hafeez Ullah Leghari 03067387777
	General Bus Stand, Vehari Chowk	Muhamad Safdar 03036904629, MOhsin Town Bahawalpur Road Multan		

Hassan Perwana	Kalma Chowk, LMQ Road	Jaffer Hussain 03007467803 Basti Azam Wala Lutaf abad Multan	Asif Frances 03226127518	Sh. Abdul Waheed 03226103366
	Hassan Perwana Road	Mazhar 03059634 Anayat pur Mahuta Multan.		
	Shaheen Market	Qaswar Abbas 03088658304 Paki Pul Lutafabad Multan	Shakeel Ahmed 03337742277	
	Pak Gate	Munir 03027471912		
Garden Town	Walwatt More, Garden Town Sher Shah Road	Abdul Naeem 03226760105 Grass mandi phatak Multan	M.Fiaz 03075397907	
Wilayyatabad	Faizi Road Grave Yard Lakkar Mandi	Zafer Iqbal 03017262392	Asif Qureshi 03074456592	Muhammad Mustafa 03006365904
	Sui Gas Road, Gausabad Phulan Wali Mosque	Muhammad Ayyub 03017531687 Sameejabad Multan	Muhammad Mustafa 03006365904	

### LIST OF SEWER CLEANING MACHINERY

Sub Division	Sewer Cleaning Machinery	Name of Driver / Cell #	Cell # & address	Name of Supervisor (Sub Engineer)	Name of officer concerned (Asstt: Director)
Gulgasht Colony	Flusher Machine -II	Allah Bukhsh 03007313052	Eig Gah Water Work Multan	Ch. Basharat 03006517273	Fazal-ur- Rehman 03006386311
	Sucker Machine - II	Bashir Ahmed 03017712881	Chah Korey Wala Multan		
	Sucker Machine - V	Muhammad Zaffer 03029838927	Adda Band Bosan, Multan		
Eid Gah	Flusher Machine Mini	Muhammad Saleem 03005782486	Faize-aam Nursary Nawab pur road Multan	Sohail Ahmed 03017887997	Khizar Hayyat 03006343160
	Sucker	Muhammad	Water Works		

	Machine Mini	Aslam 03077224133	Shamsabad, Multan		
Suraj Miani	Flusher Machine -III	Muhammad Sarwar 03068037986	17 Kassi Vehari Road Multan.	Muhammad Adeel 03017475731	Umair Ayyub 03227524379
	Sucker Machine - I	M. Hussain Shah 03007307890	NFC Institute LMQ Road Multan.		
New Multan	Flusher Machine -I	Muhammad Ibrahim 03007314398	Muhammadi Muhallah St.12 Jillani Road Multan.	Ahmed Raza 03039776329	Ahmed Mujtaba 03007322775
	Sucker Machine -I	Muhammad Qaswar 03017567539	Awan Pura Hafiz Jamal Road, Multan		
Mumtaz Abad	Flusher Machine -I	Muhammad Ramzan 03007364693	Mumtazabad Water Works Multan	Malik Ishaq Bashir 03017524124	Mehmood Ahmed 03006353992
	Sucker Machine -I	Muhammad Rashid 03067325740	Mumtazabad Water Works Multan		
Qasim Pur Colony	Flusher Machine -I	Rana Sardar 03027382857	Kehkshan St. 7 Gulgasht Colony Multan	Rana Ikram 03040100692	Hafeez Ullah Leghari 03067387777
	Sucker Machine -I	Ghulam Shabir 03053017926	Chowk Kumharan, MA Jinnah Rd Multan		
Hassan Perwana	Flusher Machine -I	Mushtaq Ahmed 03006365904	Munir Abad Multan	Shakeel Ahmed 03337742277	Sh. Abdul Waheed 03226103366
	Flusher Machine -III	Aftab Hussain 03453297363	Hassan Perwana Water Works Multan		
	Flusher Machine - IV	Muhammad Ismail 03042251388	Kirri Jamandan Multan		
	Sucker Machine -III	Munawar Hussain 03007197837	Hassan Perwana Water Works Multan		

Garden Town	Flusher Machine -II	Shehbaz Hussain 03064807808	Basti Langrial Multan	Muhammad Fyyaz 03075397909	Sh. Abdul Waheed 03226103366
	Sucker Machine -I	Iqbal 03075252461	Basti Langrial Multan		
	Sucker Machine -II	Ghulam Shabir 03007403942	Hassan Perwana Water Works Multan		
Wilayat Abad	Flusher Mini -I	Mazhar Hussain 03017493625	Makhddom Rashed Multan	M. Asif Qureshi 03074456592	Muhammad Mustafa 03006365904
	Sucker -I	Muhammad Hanif 03009588025	Basti Maluk Multan		

### **DEMAND FOR PREPARATION OF MONSOON PLAN 2019**

S #	Description				Amount (Rs. in Million)
1.	<b>Operation of generator sets during load shedding. Provision of additional POL operation of generators installed at Disposal Station. Disposal/ Lift Stations.</b>				32.629
	<b>Capacity</b>	<b>Consumption</b>	<b>Factor</b>	<b>Amount</b>	
	50-KVA	05 NOS. x 05 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	2.014	
	100-KVA	02 NOS. x 10 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	1.611	
	250-KVA	01 NOS. x 25 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	2.014	
	300-KVA	01 Nos. x 30 Liters / Hours x 8 Hours / day x 90 days	@111.90 Liters	2.417	
	365-KVA	02 NOS. x 35 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	5.639	
	500-KVA	03 NOS. x 60 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	14.502	
	630-KVA	01 NOS. x 70 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	5.640	
	635-KVA	01 NOS. x 70 Liters/ Hours x 8 Hours/ day x 90	@111.90 Liters	5.640	

		days			
	725-KVA	03 NOS. x 80 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	19.336	
	750-KVA	01 NOS. x 80 Liters/ Hours x 8 Hours/ day x 90 days	@111.90 Liters	6.445	
	Half amount will be shared by WASA Multan and half by Govt. of the Punjab.			65.258	
2.	De-silting of sewer by mechanical means.				05.00
3.	Massive public awareness campaign during summer and monsoon				01.00
4.	Repair of major break Downs of sewer cleaning machinery & machinery installed at Disposal Station.				05.00
5.	Additional electricity cost on Disposal Stations.				10.00
6.	3 <sup>rd</sup> Party Validation of De-silting of sewer, drainage & Sullage Carriers and TPV for Water Quality of Drinking Water.				01.50
7.	Overhauling of Generators of different capacity.				10.00
8.	1 to 5 cusec Electric pumps suction, delivery pipes including flanges etc.				08.00
	Total Rs.				73.129

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## CIVIL DEFENCE OFFICE MULTAN

Adhering to the previous practice Civil Defence Office Multan will be deployed its staff and volunteers of Civil Defence Organization Multan in the Flood Season-2019. The basic duties of Civil Defence in flood season are to give the first aids and evacuation of flood effectives, etc. This year in flood season around 300 volunteers, 03 Instructional staff and 11 Emergency Staff of this office will perform duties.

### **FOCAL PERSON**

Mr. Faheem Imdad (03314108180), Chief Instructor, Civil Defence Multan will be the focal person.

### **TEHSIL MULTAN**

The incharge for camps established in eastern side of the City will be Mr. Faheem Imdad (03314108180), Chief Instructor of this office. Approximately 70 Volunteers in two shifts and one or two emergency officials will also perform duties in each camp.

The incharge for camps established in Western side of the City will be Mr. Abdul Qadeer (03007333730), Instructors of this office. Approximately 100 Volunteers in two shifts and one or two emergency officials will also perform duties in each camp.

### **TEHSIL SHUJAABAD**

The incharge for camps established in Tehsil Shuja Abad will be Mr. Muhammad Iqbal (03065164836), Bomb Disposal Technician of this office. Approximately 50 Volunteers in two shifts and one or two emergency officials will also perform duties in each camp.

## **TEHSIL JALALPUR**

The incharge for camps established in Tehsil Jalalpur will be Mr. Ashiq Hussain (03007363064), Chief Instructor of this office. Approximately 50 Volunteers in two shifts and one or two emergency officials will also perform duties in each camp.

### **FLOOD EMERGENCY CONTROL ROOM**

A Flood Emergency Control Room will be established in Civil Defence HQRS, Railway Road Multan (**Contact Numbers. 9330587, 1332**) and will functional round the clock. More than 30 volunteers will present as reserve.

### **BOMB DISPOSAL SQUAD**

Bomb Disposal squad of this office will also perform duty in Flood camps to check security matters.

Any other action will also be taken during Flood as per instructions of the District Coordination Officer/Controller Civil Defence Multan.

## **RELIEF CAMPS TO BE ESTABLISHED IN FLOOD SEASON 2019**

### **Tehsil Multan**

<b>Sr. No.</b>	<b>Location</b>	<b>Name of Official (In charge)</b>	<b>Volunteers</b>
1	BHU Qasim Bela	Mr. Bashir Ahmed, Rescuer Cell No: 03326020609	Ist Shift, 10 2 <sup>nd</sup> Shift, 10
2	Basti Jalalabad	Mr. Aftab Ahmed Sajid, First Aider Cell No: 03126207145	Ist Shift, 10 2 <sup>nd</sup> Shift, 10
3	Muhammad Pur Ghoota	Mr. Muhammad Arshad, Rescue Leader Cell No: 03346036692	Ist Shift, 10 2 <sup>nd</sup> Shift, 10
4	Tathi Kuhawra Pull	Mr. Muhammad Musa, Rescuer Cell No: 03007309817	Ist Shift, 10 2 <sup>nd</sup> Shift, 10
5	Walwat More near Check Post Sher Shah	Mr. Muhammad Musa, Rescuer Cell No: 03007309817	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
6	Akbar Pul	Mr. Muhammad Akbar, Rescuer Cell No: 03017607163	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
7	Basti Langryal	Mr. Muhammad Hanif, Rescuer Cell No: 03087350348	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
8	Chanab Chowk	Mr. Qamar Altaf, First Aider Cell No: 03007316520	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
9	Govt Primary School , Lukwal Band	Mr. Muhammad Aslam, Rescuer Cell No: 03437231632	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
10	Basti Band Bosan	Mr. Mehmood Ahmed, Rescuer Cell No: 03346562043	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
11	Govt Primary School Jhonk Wains Ghallo	Mr. Majeed Nazim, Chowkidar Cell No: 03027375311	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
12	Basti Buch	Mr. Mushtaq Ahmad, Rescuer Cell No. 03007363010	Ist Shift, 05 2 <sup>nd</sup> Shift, 05

## Tehsil Shujabad

Sr. No.	Location	Name of Official (In charge)	Volunteers
1	G.G.Middle School Khanpur Qazia	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
2	G. Primary School Ponta	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
3	BHU Mahra	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
4	UC Office Gardezi pur	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
5	Govt High School Bhagrain	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
6	G.H. School Jalalpur Khaki	Mr. Muhammad Iqbal, BDT Cell No: 03065164836	Ist Shift, 05 2 <sup>nd</sup> Shift, 05

## Tehsil Jalal Pur Pir wala

Sr. No.	Location	Name of Official (In charge)	Volunteers
1	Rest House Behli Sharif	Mr. Ashiq Hussain, Chief Instructor Cell No. 03007363064	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
2	G.Boys Middle School Bet Qaisar	Mr. Ashiq Hussain, Chief Instructor Cell No. 03007363064	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
3	G. Primary School Basti Baharan	Mr. Ashiq Hussain, Chief Instructor Cell No. 03007363064	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
4	Flood Band Khakhi Ponta (Jahan Pur)	Mr. Ashiq Hussain, Chief Instructor Cell No. 03007363064	Ist Shift, 05 2 <sup>nd</sup> Shift, 05
5	Jala Pur Peer Wala City	Mr. Ashiq Hussain, Chief Instructor Cell No. 03007363064	Ist Shift, 05 2 <sup>nd</sup> Shift, 05

### **Note:-**

1. TA/DA will be admissible under the rules where applicable.
2. All incharges will perform duty round the clock.
3. Civil Defence Volunteers will perform duty in two shifts (timing Ist Shift 0700 to 1900 hour, 2<sup>nd</sup> Shift 1900 to 0700 hour).
4. All instructional staff are directed to ensure the deployment of the volunteers at the above mentioned relief camps.

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## CHIEF EXECUTIVE OFFICER DISTRICT HEALTH AUTHORITY MULTAN

### DISTRICT PROFILE

Multan is one of the most ancient cities of subcontinent. Its history dates back to the period of Harrapan civilization. Multan District is located in the plains of lower Punjab, almost in the centre of Pakistan. It is at a distance of approximately 966 KM from Karachi and 650 KM from Islamabad and 360 KM from Lahore, right on the Grand Trunk (G.T) Road. It is about 215 metres (740 feet) above sea level. The river Satluj separates it from the district Bahawalpur on the south and river Chenab on the west from the district Muzaffargarh. It is bounded on the east district Khanewal and on south east district Lodhran. The Chenab is never dry and never even fordable except in exceptionally dry seasons. The river bed of the Sutlej is narrower and more sharply defined than that of the Chenab. Near the confluence of the two rivers the intervening land is flooded during the summer, but the flood come almost entirely from the Chenab, the Sutlej, as a rule inundating only the area below the high bank.

The climate of District is dry hot in summer and cold in winter. The hottest months are May, June, July and August. The heat and dust of Multan are proverbial. The coldest months are the later half of December and January. The maximum and minimum mean temperatures in summer are 42 and 29 degrees centigrade whereas in winter it is 21 and 4.5 degree centigrade respectively. The normal annual rainfall is about 186 millimeters most of which falls during monsoon from July to September.

There is a vast network of metalled and un-metalled roads in the district. All Tehsil headquarters and important towns are connected through metalled roads. It is also connected with two railway lines, with other districts i.e Faisalabad-Multan branch railway line and Lodhran-Shujabad-Multan railway line. There are 17 Railway Stations situated on these lines. Multan district is also linked by air with other parts of the country. Regular flights are operating from here to other parts of the country. Multan lies between 29'-22 to 30'-45 north latitudes and 71'-03' to 72'-28 east longitudes.

**Table 1**  
**BASIC INFORMATION**

<b>Parameters</b>	<b>No.</b>
Total Population	<b>4959101</b>
Total Area in sq.kms	3,720
No. of Tehsils	4
No. of Towns	6
No. of Union councils	131
<b>Health Facilities</b>	
DHQ/Shahbaz Sharif Hospital	1
THQ Hospitals	2
Town Hospitals	3
RHCs	8
BHUs	82
Other Health Facilities	Dispancries /MCH Centres =69
<b>Human Resources</b>	
Medical Officers	152
Male Paramedic	270
SH&N Supervisor	63
Female Paramedics	201
Support Staff	1402
Male	1244
Female	158
Drivers	8+ 57 NP =65
Spray man	127
LHW	1900
LHS	61
CMW	134

**Table 2**  
**HIGH INTENSITY FLOODS/FLASH FLOODS/HILL TORRENTS,  
GEOGRAPHIC AREAS, POPULATION & HF LIKELY TO BE AFFECTED**

<b>Tehsil</b>	<b>Union Council</b>	<b>Villages</b>	<b>Population likely to be affected #</b>	<b>Nearest Health Facilities</b>
<b>Multan Sadar</b>	Bosan	Rawn Lab Darya, Jhoke Vains, Allah Dadi, Sarwani Bela, Sambo, Dhalu, Norangabad, Zaman Pur	21374	BHU Jhoke Vains RD Bosan
	Lutafabad	Jhoke Sarkari, Inyat Pur Mohata, Jhoke Arbi, Khyzan Pur	15726	BHU Lutafabad
	Buch Khusroabad	Velan, Bhawali Khera, Maken Wala, Lashker Pur, Jhoke Chahjara, Wander, Amir Pur Sahoo	2278	BHU Nawab Pur
	Binda Sandhila	Gray Wala, Dhooi, Hamroot, Akbar Pur, Binda Milana, Jhoke Lakshmi Naryan,	10241	BHU Binda Sandila
	Tibba Masood Pur	M. Pur Ghoota, Arjwan Shareef, Langryal, Khood Sajri	12990	BHU Tibba Masood Pur + BHU Qasim Bela

	Muzafferabad	Jhakar Pur, Jalabad	6799	BHU Muzaffrabad
	Sher Shah	Taj Pur, Domraya, Raja Pur, Hamad Pur, Beli Bakri, Said Ali Pur, Lashkar Bela, Abu Hatta	5255	RHC Sher Shah
	Khokkran	Pahoor, Jambur Buch, Mirzan Pur	8436	BHU Khokkran
	Hamid Pur Kanora	Sultan Pur Hamar	3908	RHC Sher Shah
<b>Shujab ad</b>	Chak RS	Sanghar, Daira Pur, Jahi	17896	BHU Khan Pur Qazi
	Pounta	Todar Pur, Tahir Pur, Sher Pur	14866	BHU Pounta
	Mahara	Soman, Khyer Pur	13443	BHU Mahara
	Gardaiz Pur	Dhondoo, Hilal Waji, Sheik Pur Darigh, Sat Burji	15515	BHU Gardaiz Pur
	Jalal Pur Khaki	Jhangi, Aman Ullah Pur, Sari, Tror Jalal Pur	11907	BHU Jalal Pur Khaki
	Punjani	Saray	3246	BHU Punjani
<b>Jalal Pur Pirwala</b>	Jahan Pur	Jahan Pur, Miran Malay	24342	BHU Jahan Pur
	Ghazi Pur	Khaki Qomay, Kikri, Jang Wala, Khaki Pounta, Manik Wlai, Taror Manik, Riphri, Shah Pur Lama, Molvi Atta, Chak Atta,	24200	BHU Behli Shareef
	Inayat Pur	Karmo Wali Gharbi	6901	BHU Inayat Pur
	Bait Kaitch	Bait Kaitch Shumali, Bait Kaitch Janoobi, Nahrool, Naran Wala	44374	BHU Bait Kaitch
	Khan Bela	Bait Mughal, Sheni	20817	BHU Khan Bela
	Durab Pur	Koat Imam din, Dolat Pur, Langhar, Durab Pur Gharbi	15993	BHU Durab Pur

**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
<b>Multan Sadar</b>	Bosan	Bosan	9210	BHU Jhoke Vains RD Bosan
	Lutafabad	Bibi Pur	854	BHU Lutafabad
	Buch Khusraabad	Nawab Pur Doom	8537	BHU Nawab Pur
	Binda Sandeela	Baqirabad	1334	BHU Binda Sandeela
	Tibba Masood Pur	Thathi Khawar	902	BHU Tibba Masood Pur
	Sher Shah	Sher Shah	12099	RHC Sher Shah
	Muzaffar Abad	Muzaffar Abad	10578	BHU Muzaffar Abad
	Khokkran	Tara Garh	2549	BHU Khokkran
	Hamid Pur Kanora	Fatwal Pur	3861	RHC Sher Shah
<b>Shujab ad</b>	Chak RS	Khan Pur Qazi	9942	BHU Khan Pur Qazi
	Pounta	Chajju Shah, Fateh Bela	7065	BHU Chajji Shah
	Mahra	Vains, Rukan Hatti	15340	BHU Mahra
	Punjani Khakhi	Punjani Khakhi	18019	BHU Punjani
	Gardaiz Pur	Ghaus Pur	140	BHU Gardaiz Pur
	Jalal Pur	Bhana	4168	BHU Jalal Pur Khaki

	Khaki			
<b>Jalalpur Pirwala</b>	Jahan Pur	Basti Saidan Wali	3862	BHU Jahan Pur
	Ghazi Pur	Bait Qaisar	5750	BHU Behli Shareef
	Inayat Pur	Mohana Sandila	2902	BHU Inayat Pur
	Khan Bela	Khan Bela	9628	BHU Khan Bela
	Durab Pur	Durab Pur Sharqi	12512	BHU Durab Pur

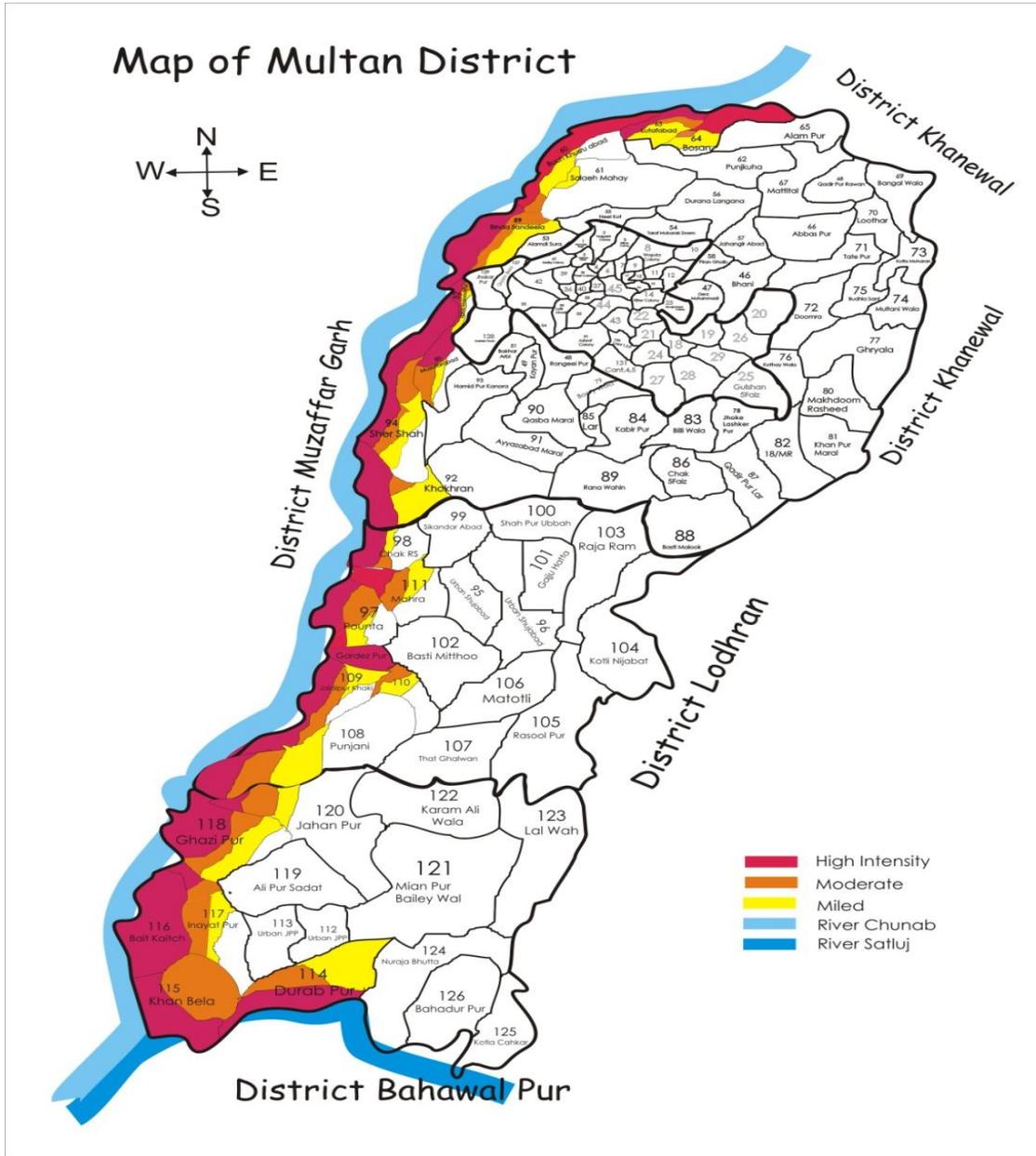
**Table 4**

**MILD INTENSITY FLOODS/FLASH FLOODS/HILL TORRENTS;  
GEOGRAPHIC AREAS, POPULATION & HF LIKELY TO BE AFFECTED**

<b>Tehsil</b>	<b>Union Council</b>	<b>Villages</b>	<b>Population likely to be affected #</b>	<b>Nearest Health Facilities</b>
<b>Multan sadar</b>	Bosan	Roa Hatti, Mathay Hatti	2661	BHU Jhoke Vains RD Bosan
	Ailam Pur	Sahi Chawan	3521	BHU Jhoke Vains
	Lutaf Abad	Harawat, Kotla Sadat, Lutfabad, Chak Lutfabad	19651	BHU Lutaf Abad
	Saleh Mahey	Umar Pur	2109	BHU BZU
	Buch Khusroabad	Nawab Pur Awal, Buch Khusrabad	16110	BHU Nawab Pur
	Binda Sandhila	Binda Sandila, Buch Mubarik, Taj Pur Sandila	23020	BHU Binda Sandila
	Tibba Masood Pur	Tibba Masood Pur, Khyer Pur, Kamoo Khor	20687	BHU Tibba Masood Pur + BHU Qasim Bela
	Muzafferabad	Muzaffrabad, Kot Faqeer Ali Shah	11421	BHU Muzaffrabad
	Sher Shah	Ambala, Hamid Pur, Tharli	1519	RHC Sher Shah
	Khokhran	Khokhran, Tara Ghar, Muhammad Pur Khokhran	7658	BHU Khokhran
	Hamid Pur Kanora	Hamid Pur Kanora, Kotla Kambo, Fatwal Pur	18173	RHC Sher Shah
<b>Shujabad</b>	Chak RS	Chak RS	11287	BHU Khan Pur Qazi
	Pounta	Pounta, Mochi Pura	12013	BHU Pounta
	Mahra	Mahra, Aghar Khani	5799	BHU Mahra
	Gardaiz Pur	Gardaiz Pur, Bangala, Bagrain	24182	BHU Gardaiz Pur
	Jalal Pur Khakhi	Jalal Pur Khakhi, Khas Punjani, Thath Mukhdoom Pur	18047	BHU Jalal Pur Khakhi
	Punjani Khakhi	Khara	7333	BHU Punjani
	Gardaiz Pur	Jooti Shareef	1509	BHU Gardaiz Pur
	Jalalpur Khaki	Jalalpur Khaki	12772	BHU Jalalpur Khaki
<b>Jalalpur Pirwala</b>	Jahan Pur	Basti Saidan, Mansoor Pur, Kotli Adil	14538	BHU Jahan Pur
	Ghazi Pur	Ghazi Pur, Behli	15746	BHU Behli
	Durab Pur	Shujat Pur	8950	BHU Durab Pur
	Inayat Pur	Karmo Wali Sharqi	5848	BHU Inayat Pur

# MAP OF DISTRICT

- Red: for High Intensity
- Orange: for Moderate Intensity Floods
- Yellow: for Mild Intensity Floods



**Table 5****VULNERABLE GROUPS OF TARGET POPULATION****Total Population Likely to be Affected****688959**

<b>Target Group</b>	<b>%</b>	<b>Annual</b>	<b>Monthly</b>
Expected Pregnancies	3.40%	23,425	1952
Expected Births	2.90%	19,980	1665
0-11 Months	2.70%	18,602	1550
0-23 months	5.20%	35,826	2985
0- 5 years	13.40%	92,321	7693
Married CBAs (15 to 49 y)	16%	110,233	9186

**EXPECTED SICK PERSONS OF FLOOD AFFECTED POPULATION**

<b>Intensity of Flood</b>	<b>Population</b>	<b>Sick Persons @20%</b>
High Intensity Flood Population	293954	58791
Moderate Intensity Flood Population	136217	27243
Mild Intensity Flood Population	258788	51758
<b>Total</b>	<b>688959</b>	<b>137792</b>

**Table 6****EXPECTED BURDEN OF DISEASE**

<b>Sr. No</b>	<b>Disease</b>	<b>%</b>	<b>No. of Estimated Patients</b>
1.	Injuries	2%	2,756
2.	Snake bite	0.03%	41
3.	Dog bite	0.08%	110
4.	Skin infection	21%	28,936
5.	Eye infection	6%	8,268
6.	Diarrhea	11%	15,157
7.	ARI	18%	24,803
8.	Fever	10%	13,779
9.	Others	31%	42,716
10.	Expected Malnourished Children	13%	17,913
11.	Expected Malnourished PLWs	15%	20,669

**Table 7**  
**DETAILS OF FIXED CAMPS PLANNED**

(Tehsil Multan Focal Person-I, DDHO Multan).

Sr. No.	Tehsil	Incharge / DHMT	Name of Relief Camp	Name of staff for flood duty	Place of Posting	Contact #	Mouza to be covered			
1	Multan City	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Muhammad Pur Ghota Flood Band	<b>Shift No.1 (8.00AM to 2.00 PM)</b>				1.Muhammad Pur Ghota 2.Arjwain Sharif		
				Dr. Azhar Nazir,MO	CMC Gulshanabad	0300-7183988				
				Kanwar M. Anees,Disp	CMC Gulgasht	0303-0752210				
				Saeeda Bibi, Dai		NA				
				Haider Zaman, Baildar		NA				
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>						
				DR. khubaib	RHC Rawan	0322-4508502				
				Mr. Allah Ditta MT	BHU Bhakar Arbi	0300-3426625				
				M. Tariq Anwer,Disp	CMC Chowk Shaheedan	0303-7472997				
				Allah Ditta,NQ		NA				
				Surayya Begum, Dai	CMC Islam Nagar	0312-8773211				
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>						
				Dr. Laraib	BHU Faiz Mustafa	0334-3005231				
				Shafqat, Dispenser	BHU Tibba Masoodpur	0302-7868556				
				Shazia Midwife		0300-6321564				
				Chand Ward Cleaner	BHU Faiz Mustafa	NA				
2	Multan City	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	BHU Qasim Bela	<b>Shift No.1 (8.00AM to 2.00 PM)</b>				1.Qasim Bela 2.Khair Pur 3.TibbaMasood Pur		
				Dr. Ali Abuzar	BHU Qasim Bela	0332-5880870				
				Aftab Disp		0301-4982013				
				Rubina Naaz LHV		03069345848				
				Nabila Anwer, M/W		NA				
				Mukhtiar Ahmad, NQ		NA				
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>						
				Dr. M.Azhar, MO	BHU Tibba	0343-4400987				
				Munazza Gulshan, MW	Masood pur	NA				
				M.Riaz, Dispensar Abid Hussain Peon	CMC Awan Pura	0307-4868140				
				<b>Shift No.3(10.00 PM to 08.00 AM)</b>						
				DR. Umair	BHU Buch Khusroabad	0308-7393321				
				Ateeq , Dispenser		0300-7361562				
				Manzoor biBi Midwife		0300-7361562				
				Faheem N/Q		NA				
				3	Multan City	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Near Check Post Flood Band Pull Sher Shah		<b>Shift No.1 (8.00AM to 2.00 PM)</b>	
Dr. Talha, MO	BHU Khokran	0306-7313863								
Muhammad Ismeel MT	BHU Sultan Pur Hammar	0333-6013605								
Bushra Khanum, LHV.		0304-9095816								
Abdul Rasheed N/Q		NA								
<b>Shift No.2 (02.00 PM to 10.00 PM)</b>										
Dr.Suleman Akhtar MO-II	RHC Sher Shah	0331-4558800								
Sami Hashmi, Dispr		0307-5501164								
Rukhsana Altaf, M/W		NA								
M. Alyas SP		NA								
<b>Shift No.3(10.00 PM to 08.00 AM)</b>										
Dr. Noman Qureshi	RHC Sher Shah	0300-0695029								
Wajid Hussain, Dispsr	BHU Bhakar Arbi	0334-6048709								

				Mehnaz Taj Deen M/W		03086509198		
				Ishfaq Hussain N/Q		NA		
4	Multan City	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Flood Band Jalalabad	<b>Shift No.1(8.00AM to 2.00 PM)</b>			BHU Muzafarbad	1.Jalalabad 2.Jhakar Pur 3.Muzaffarbad
				Dr. Ghulam Abbas MO		0333-1939444		
				Shah Rukh Dispenser		0331-6308754		
				Shumaila Majeed LHV		NA		
				Usman Ali Peon		NA		
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			BHU Hamid Pur Kanora	0321-8712150 0300-6371138 0308-7405210 NA
				Dr. Ahmad Mueen MO				
				Mubeen Azhar, Disp				
				Shabana Jameel MW				
				M. Luqman Peon				
				<b>Shift No.3(10.00 PM to 08.00 AM)</b>			BHU Bangal wala	03007197575 03017530102 03078663769 03037199964
				Dr. Kazim Abbas MO				
				Haji M. Iqbal, Dispsr				
Muhammad Shakir, NQ								
Asia Khadim, Midwife								

**(Tehsil Multan Focal Person-II Dr. Farooq Ahmed, DDHO (HQ) Multan03006306058)**

Sr. No.	Tehsil	Incharge / DHMT	Name of Relief Camp	Name of staff for flood duty	Place of Posting	Contact #	Mouza to be covered
7	Multan	Dr. Farooq Ahmed	DDHO (HQ) Multan.	<b>Shift No.1(8.00AM to 2.00 PM)</b>			1.Jhoke Wainse
				Dr.Sobia MazhrWMO	BHU Jhoke	0305-9644547	

				Shakeel Ahmad MT	Wains	NA	Parli 2.Sambal 3.Dhiloo 4.Zaman Pur 5.Serwani Bela
				Bushra Ijaz, LM/W		0305-2441650	
				Sajjad Hussain,NQ		NA	
				<b>Shift No.2(02.00 PM to 10.00 PM)</b>			
				Dr. Asim SaeedMO	BHU Rasool Pur (M)	0347-7004828	
				Tahir Bhutta MT		0300-7356335	
				Imran, N/Q		0322-4508502	
				Mehwish Ameer LHV	MCH Awan Pura	0301-5892225	
				<b>Shift No.3(10.00 PM to 08.00 AM)</b>			
				Dr.Hamad, MO	RHC Bosan	0333-6129020	
				Mahfoz Shah,Disp		0300-6301310	
				Neelam AllahYar,M/W		NA	
				Shahid Peon		0304-7037167	
8	Multan Sadar	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Band Basti Bosan	<b>Shift No.1(8.00AM to 2.00 PM)</b>			1.Bosan 2.Ran Lab Darya 3.Nauranabad 4.Allah Dadi
				Dr. Abdul Aleem MO	BHU Doomra	0300-6342562	
				Rukhsana Parveen,LHV		0301-7545744	
				Hafeez ur Rahman,Disp		0301-2923332	
				M. Arif sanitary worker		NA	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Faizan Elahi,MO	GRD Bosan	0333-6103373	
				Muhammad Irfan Disp		0302-9596715	
				M. Farooq W/S		0306-7464824	
				Rakhshanda LHV	MCH Chk Shaheedan	0300-7180960	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Dr.Salman Yousaf, MO	BHU Lutfabad	0321-7317071	
				M. Ali , Dispenser		0307-7609180	
				M.Saleem N/Q		NA	
				Sidra, Midwife		0313-9988543	
9	Multan Sadar	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Govt. Primary School Lak Wal Jhoke Chhajra	<b>Shift No.1(8.00AM to 2.00 PM)</b>			1.Jhoke Chhajra 2.Maiken Wala 3.Veelan 4.Bhawalpur Kahira 5.Wander 6.Lashakar Pur 7.Ameerpur Sahu 8.Ianyat Pur Mahota 9.Lutfabad 10.Jhoke Arbi 11.Chak Lutfabad 12.Jhoke Serkari
				Dr. Aisha Imran, WMO	BHU Khadal	0322-4967777	
				Amna M/W		0304-8654911	
				Iqbal Joiya N/Q		0304-7812258	
				Rukhsana ParveenLHV	CMC Hanu Ka Chaja	0303-6929393	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr.Fatima, WMO	BHU Kherabad	0300-3579810	
				Waseem Abbas, Disp		0308-7707582	
				Aqib Peon (Kherabad)		NA	
				Abida Parveen, M/W	BHU Binda Sandila	0300-4845498	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Dr. KhadijaWMO	BHU Binda Sandila	0348-7134024	
				M. Abass, N/Q Nawab Pur		NA	
				Asif, Dispenser	BHU Nawab Pur	0305-4036089	
				Shazia , Midwife		0305-4036089	
Sr. No.	Tehsil	Incharge / DHMT	Name of Relief Camp	Name of staff for flood duty	Place of Posting	Contact #	Mouza to be covered
10	Multan Sadar	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Akbar Pur Flood Band	<b>Shift No.1 (8.00AM to 2.00 PM )</b>			1.Akbar Pur 2.Geray Wala 3.Baqirabad Kahkhwani 4.Dhodi 5.Binda Sandhilla 6.Binda Malana
				Dr. Zoha Asim	BHU Nawab Pur	0334-6093776	
				M. Zafer Disp	BHU Binda Sandila	0300-789824	
				Farzana Parveen LHV		0301-2923332	
				Hashmat Ali Peon			
				<b>Shift No.2(02.00 PM to 10.00 PM)</b>			
				Dr. Arshad Abbas, MO	BHU 18-MR	0300-5641680	
				M. Waqas Disp		03003561418	

				Mariam Afzal,M/W		0305-5023252	7.Jhoke
				Asif NQ		N/A	Lakshami Narayne
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Dr.Mohammad Yasir,MO	BHU Bhakal Bhair	0300-6379383	8.Hamroot
				Qasim Hashmi,Disp		0301-7550330	9.Bakhri
				Mushtaq Ahmed, NQ		0300-6367849	10.Behli
				Nadia Kazmi, Midwife		0307-8785909	
11	Multan Sadar	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Chenab Chowk Flood Band	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			
				Dr. Zohaib,MO	BHU Jhoke Laskhar Pur	0316-6477979	
				Ashraf MT		0307-7709103	
				Aamir Gillani, N/Q		NA	
				Fozia Hassan LHV	MCH Pul Baranran	0314-6185190	1.Nawab Pur Awwal
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Abdul Hadi MO.	BHU Shah Pur	0306-6677079	2.Nawab Pur Doem
				Sarfraz MT	BHU BZU	0308-6263088	3.Noor Adhwana
				Uzma Gul M/W		NA	
				Peon		NA	4.Chak Mani
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Dr. FatimaWMO	BHU Mubarak Pur	0344-8777177	
				Rahila Majeed, M/W	BHU Booty wala	0302-7829621	
				Amir Shamas, N/Q		0341-6264274	
12	Multan Sadar	Dr. Farooq Ahmed DDHO (HQ) Multan. 03006306058	Basti Langrial	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			
				Dr. Baber Hussain MO	BHU Jalalabad	0301-7645238	1.Langrial
				Tasleem Wafa LHV		0300-6103810	2.Khor Sajri Wain
				Raheel Maseeh Peon	BHU Kothey Wala	0305-6560206	3.Jalil Pur
				Iqbal, Disp			
				<b>Shift No.2(02.00 PM to 10.00 PM)</b>			
				Dr. Iftikhar Hussain, MO	BHU Muhammad Pur	0300-8894850	
				Nadeem, Disp	CMC Lakkar Mandi	0302-2972820	
				Anila Malik LHV		0335-3090512	
				Shakoor Mallee		NIL	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Dr.M Hamza, MO	Ayazabad Maral	0313-6844383	
				Hafiz Shafiq, Dispenser	BHU Zenat Medical Center	0322-6121658	
				Robbin Rehmat, W/S		3036674618	
				Ghazala Rafiq, M/W		0313-6325299	

<b>(Tehsil Focal Person-Dr. Ghulam Murtaza Natiq, DDHO Shujabad 0345-7264809)</b>							
Sr. No	Tehsil	Incharge DHMT	Name of Relief Camp	Name of staff for flood duty	Place of Posting	Contact no	Mouza to be covered
1	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Govt. Boys Middle School Khanpur Qazi	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Khanpur Qazi 2- Jai
				Dr. Abeer Raza	BHU Sikandarabad	0334-6844533	
				Shoukat Hussain,Disp	BHU Khanpur Qazi	0300-7312410	
				Afshan MW	BHU Khanpur Qazi	0305-5487747	
				M. Safder W/C	BHU Khanpur Qazi	0306-7478361	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Yousof Hammad	BHU Khanpur Qazi	0336-1125644	
				Ismail MT	BHU Sikandarabad	0302-7418087	
				Bushra Javeed M/W	BHU Sikandarabad	0343-32031055	
				Rab Nawaz N/Q	BHU Sikandarabad	0306-6502939	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Khalil Ur Rehamn,Disp	GRD Gawain	0301-5500236	
				Muhammad Hasnain, S/I	BHU Khanpur Qazi	0300-7862922	
Muhammad Nawab,N/Q	BHU Khanpur Qazi	0302-7495260					
2	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Govt Primary School Pounta	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Soman 2- Pounta, 3- Tahir Pur 4- Mochi Wala, 5- Sheer Pur, 6- Fateh Bela
				Dr.Amara Mumtaz	BHU POUNTA	0333-6127799	
				Aziz-ul Rehman, Disp	BHU Pounta	0300-7133789	
				Asma M/W	BHU Pounta	0305-5230902	
				Faheem Akhter N/Q	BHU Pounta	0301-8783778	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Saad Saleem	BHU Rasool Pur	0345-7296482	
				Zakir Dispenser	RHC Kotli Nijabat	0307-2339782	
				Riffat Batool M/W	BHU Rajaram	0302-3768376	
				M. Iqbal N/Q	BHU Rajaram		
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Nasir MT	BHU Rajaram	0301-7541061	
				Muhammad Yaqeen, S/I	BHU Pounta	0303-7570963	
Ishfaq Hussain,Chwkdr	BHU Pounta	0307-8207669					
3	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Mahra Band	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Mahra 2- Ager Khanni 3- Veins
				Dr. Farheen Sadiq	BHU Mahra	0302-7490604	
				Abdullah Arshad, Disp	BHU Mahra	0305-7878950	
				Shahnaz Sadique M/W	BHU Mahra	0308-6948232	
				Mujahid Hussain N/Q	BHU Mahra	0301-8521932	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Ahsan Ayyub	RHC Matotli	0342-1837559	
				Nadeem Dispenser	RHC Matotli	0303-6731474	
				Abida M/W	RHC Matotli	0334-6007030	
				Arshad Ahmad W/S	RHC Matotli	0303-4837285	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Nadeem Akhter, Disp	RHC Matotli	0303-4837285	
				Shafiq Jafri, S/I	BHU Mahra	0301-6009934	
M Sharif N/Q	RHC Matotli	0343-7227708					
4	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Gardaizpur	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Gardaizpur 2- Dhon Dhoo
				Dr. Hina Hameed	BHU Gardaizpur	0300-2464769	
				Israr Ahmad Dispenser	BHU Gardaizpur	0303-6904662	
				Nadia Imam M/W	BHU Hayyat Khan Wala	0301-6994235	
				Ghulam Hassan N/Q	BHU Jalalpur Khaki	0341-7139451	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Rehman Saeed	THQ Hospital Shujabad	0321-6356503	
				Abdul Basit Dispenser	BHU Hayyat Khan Wala	0302-7469230	
				Khailda Parveen, M/W	BHU Thath Ghalwan	0303-9846130	
				Waheed W/C	BHU Thath Ghalwan	0346-6599810	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Muhammad Amjad,	BHU PUNJANI	0345-7300580	

				Disp			
				Muhammad Akbar (S.I)	BHU Gardaizpur	0300-8794387	
				Liaqat N/Q	BHU Hayyat Khan Wala	0300-8855365	
5	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Bagrain	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Bagrain 2- Chutien Sharif 3- Bhanna 4- Iman Ullah Pur 5- Jhangi 6- Sheik PurDreeg 7- Ghos Pur 8- Sait Burgi
				Dr. Laiba	BHU Jala Pur Khakhi	0300-8840330	
				Muhammad Abid, Disp	RHD JHOK JHKHAR	0301-7577228	
				M. Hassan N/Q	BHU Jala Pur Khakhi	0309-7139262	
				Saima Mureed M/W	BHU Gajju Hatta	0303-4081197	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Mairaj Malik	RHC KOTLI NIJABAT	0300-7316234	
				Muhammad Arif, Disp	RHD JALAL PUR KHAKHI	0307-8156919	
				Naila M/W	BHU Rasoolpur Sjd	0302-3766319	
				M. Ramzan N/Q	BHU Rasoolpur Sjd	0345-7318520	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Iqbal Dispenser	BHU Chajju Shah	0300-6393834	
				Muhammad Abid Sanitary Inspector	BHU Chajju Shah	0300-6373071	
				Muhammad Imran W/C	RHD NASEER PUR	0303-6459314	
6	Shujabad	Dr. Ghulam Murtaza Natiq DDHO Shujabad 0345-7264809	Jalalpur Khaki	<b>Shift No.1 (8.00AM to 2.00 PM)</b>			1- Jalalpur Khaki 2- Seyri 3- Khas Punjani 4- Punjani 5- Trord Jalalpur 6- ThathMakhdoom Pur
				Dr. Zeeshan Maik	BHU Hayat Khan wala	0345-7866665	
				Khalid Dispenser	BHU Jalalpur Khaki	0301-7508841	
				Mehnaz Kashif M/W	BHU Jalalpur Khaki	0302-9764374	
				Muhammad Kashif Baildaar	RHD JALAL PUR KHAKHI	0305-5327319	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Ahmad Raza	BHU Gajju Hatta	0346-7010868	
				Saeed Ahmeed Dispenser	RHC Kotli Nijabat	0301-6989754	
				Sajida Parveen M/W	RHC Kotli Nijabat	0307-8211258	
				Sarfraz N/Q	RHC Kotli Nijabat	0300-6356673	
				<b>Shift No.3 (10.00 PM to 08.00 AM)</b>			
				Arshad MT	BHU Punjani	0321-6335252	
				Ghulam Mustafa CDC	BHU JALAL PUR KHAKHI	0300-7363488	
				Kamran Khan N/Q	RHC Kotli Nijabat	0300-5663873	

**Tehsil Jalalpur Pir Wala Focal Person Dr. Riaz Laang, DDHO JPPW 03006374107**

Sr. No.	Tehsil	Incharge / DHMT	Name of Relief Camp	Name of staff for flood duty	Place of Posting	Contact #	Mouza to be covered	
1	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Flood Band Kahkhi Ponta Bismillah Mour(Jahan Pur)	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1. Jahan Pur 2. Juggu Wala	
				Dr. Sami Javed, MO	BHU Jahan Pur	0306-5088717		
				Muhammad Ishaq, Disp	RHD Meer Koat	0301-7548627		
				Asma Sajid, Midwife	BHU Jahan Pur	0309-2025258		
				Liaqat Ali, Naib Qasid	RHD Meer Koat	0301-4544259		
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>				
				Dr. Waqas Ashraf, MO	BHU Hoot Wala	0333-4396969		
				Khawaja Abdul Sami, MT	BHU Jahan Pur	0301-7532819		
				Mumtaz Hussain NQ	BHU Jahan Pur	0306-5088717		
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>				
				Jawad Hussain Disp	BHU Durab Pur	0306-4942599		
Muhammad Amir, W/C	RHC Meeran Malha	0300-8840430						
2	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Govt. Hisgh School Khan Bela	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1.Khan Bela 2.Sheni Shumali 3.Sheni Janubi 4.Bait Mughal 5.Shujat Pur Shumali 6.Shujat Pur Janubi 7.Daulat Pur 8.Kot Imam Din 9.Durab Pur Sharqi 10.DurabPur, Gharbi	
				Dr. Irshad Abbas, MO	BHU Khan Bela	0302-4032009		
				Shakeel Ahmed, Disp	BHU Khan Bela	0301-7534427		
				Sajida Parveen, Midwife	BHU Kanhon	0302-5612417		
				Muhammad Iqbal, NQ	BHU Durab Pur	0301-7703542		
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>				
				Dr. Muhammad Khalid,MO	RHC Meeran Malah	0313-6338540		
				Muhammad Ismail, MT	BHU Kanhon	0300-6382157		
				Irshad Hussain, Peon	BHU Khan Bela	0300-4335995		
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>				
				Haqnawaz Disp	RHD Sheeni	0306-7558485		
Ishfaq Ahmed, S/W	RHD Sheeni	0314-6143601						
3	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Govt. Middle School Bait Qaiser	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1. Shah Pur Laman 2. Bait Kaiser 3.Wacha Sandhilla 4.Inayat Pur Parli 5.Moulvi Atta	
				Dr. Mujahid Abbas, MO	BHU Bomb Wala	0301-3535454		
				Jafar Hussain, Dispenser	BHU Inayat Pur	0301-7512082		
				Anjum Naz, Midwife	BHU Hoot Wala			
				Rabwaz , NQ	BHU Bomb Wala	0302-7496946		
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>				
				Dr.Muhammad Haleem,MO	BHU Thehklan	0345-9623480		
				Zafar Hayat Wasim, MT	BHU Theyklan	0301-7436702		
				Muhammad Shahid,S/W	RHC Meeran Malha	0303-6732667		
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>				
				Khalil Ahmed, Disp	RHD Jhanda Miani	0300-7787983		
Ghulam Abbas, S/W	RHD Jhanda Miani	0305-736829						
4	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Canal Rest House Behli Shareef	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1.Behli Shareef 2.Manak Wali 3.Taroor Manak 4.Rapri	
				Dr. Faisal Qadir,	GRD Peer Oliya	0304-5990802		
				Ijaz Hussain, Disp	BHU Behli Shareef	0300-2674545		
				Naseem Nawaz, Midwife	BHU Thehklan	0302-7339348		
				Jindwadda, NQ	BHU Behli Shareef	0300-7308115		
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>				
				Dr. Zia Ul Rehman,MO,	BHU Theyklan	0303-0145224		
				Zafar Hayat Wasim, MT	BHU Theyklan	0301-7436702		
				Muhammad Shahid,S/W	RHC Meeran Malha	0303-6732667		
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>				
				Sajjad Hussain, Disp	RHD Wacha Sandila	0302-7307710		
Ghous Bakhsh, S/W	RHD Wacha Sandila							

5	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Govt. Primary School Basti Baharan Bait Kaitch	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1.Karmunwali Sharqi 2.Karmunwali Gharbi 3.Bait Kaitch Shumali 4.Bait Kaitch Janubi 5.Narrol 6.Nahranwala
				Dr.Muhammad Usman Ghani,MO	BHU Inayat Pur	0322-6700057	
				Muhammad Akram, Disp	BHU Juggo Wala	0344-3365168	
				Neelam Qureshi, LHV	BHU Kanhon	0300-7142974	
				Liaqat Ali, Naib Qasid	BHU Bahadar Pur	0301-7729390	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Dr. Muhammad Irfan	BHU Kotla Chakar	0334-6063405	
				Mukhtiyar Hussain Disp	BHU Kotla Chakar	0301-7539066	
				Wasim Abbas, W/C	BHU Kotla Chakar	0300-8891724	
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>			
Jam Mulazim Hussain MT	BHU Bait Kaitch	0300-7191568					
Muhammad Sadiq, N/Q	BHU Bait Kaitch	0302-7379540					
6	Jalal Pur Pir Wala	Dr. Riaz Laang, DDHO Jalalpur Pir Wala 03006374107	Govt. Boys Primary School Gujij Morr	<b>Shift No.1 (8.00 AM to 2.00 PM)</b>			1. Nauraja Bhutta, 2. Mouza Gujij 3. Chak 87 M 4. Bawara 5. Bhinda Vains 6. Bahadar Pur
				Dr. Saima Nishtar, MO	BHU Nauraja Bhutta	0303-9823811	
				Hafiz Riaz Hussain MT	BHU Nauraja Bhutta	0300-6839027	
				Sumaira Akram, M/W	BHU Nauraja Bhutta	0300-7380115	
				Muhammad Ishaq, N/Q	BHU Nauraja Bhutta	0308-4548202	
				<b>Shift No.2 (02.00 PM to 10.00 PM)</b>			
				Muhammad Arshad,Disp	BHU Bahadar Pur	0314-6152549	
				Qaswar Hussain N/Q	BHU Juggo Wala	0302-3566986	
				<b>Shift No.3 (10.00 PM to 8.00 AM)</b>			
				Muhammad Shahid, Disp	RHD Baito Wahi	0301-7505335	
Shabbir Ahmed, W/C	RHD Juggo Wala	0343-7175832					
Sajid Hussain S/W	RHD Zubair Abad	0301-3126397					

**Table 8**

**PREVENTIVE HEALTH TEAMS TO SUPPORT FIXED & MOBILE TEAMS**

One Preventive Health Team will be allocated for each affected Union Council. They will perform their prescribed functions with-in allocated Union Councils.

Union Council	SH&NS	LHS	SI	Vaccinator	CDC Supervisor/Spray Squad Leader	Sanitary Patrols for IRS
<b>Multan Sadar</b>						
Bosan	Muhammad Nadeem Akhtar (BHU Jhoke Vains) 0307-7809220	Fareeha Malik 0306-7342484	M. Azam (BHU Rasool Pur-M) 03007327740	Muhammad Aslam 0345-7293023	Ali Arshad 0300-6349961	Mohammad Asif 03074217610
Lutafabad	Syed Rehan Ali 0321-6356781	Rukhsana Perveen 0308-4182676 0308-7375101	Emaanul Doulat (BHU Bumb wala) 03017547983	Mustaqeem 0302-7419380	Yasir Mustaq 0300-7346694	Mohammad Naveed 03069172283
Buch Khusroabad	Ms. BEENISH HAFEEZ 0322-6147550	Nasira Bibi 0301-7480620	Imtiaz Ahmed 0301-7531846	Irshad Hussain 03006387022	Mukhtar Ahmad	Muhammad Munawar03075551447
Binda Sandila	Ms.Zeenat Begum 0308-7400281	Mumtaz Begam 0307-8926193	Tahir Nazir 0300-6357335	Syed Basit Raza 0300-6204325 Fiaz Hussain-ZC 0305-7520654	Mohammad Mazhar 03068730839	Mohammad Taqi 03049429915
Qasim Bela	Ms.Nusrat Saleem 0313-6830439	Asma Aslam 0300-7350371	Tariq Bhutta	Saeed Ahmed Azad 0345-7315796	Qais Bhutta 0342-8667685	Ibrar 03032716621
Tibba Masoodpur	Shahbaz Bhatti 0300-6321564	Tahseen Akhtar 0300-9757389	Noor Muhammad03006353612	Abdul Hameed 0346-7112279	Abdul Sattar 0303-6639345	Mohammad Tanveer 03068386744
Muzaffarabad	Zahid Abbas BHU Rana	Nighat Yasmin 0302-7331983	Imran Saleem 03013938324	Syed Rais ul Hassan Shah	Hafiz Jaffar Aziz 0303-8700319	Imran Rasheed 03086905031

	Wahin 03007864292	Saima Tur Rehman 0300-7361049		0302-7321883		
Sher Shah	Farhan (BHU Sultan Pur Hammar 03059209215	Fayyaz Bibi 0303-6675326	Aqeel Ahmad (BHU fiaz Mustufa) 0300-6378947	Muhammad Hammar	Saeed Ahmad 0301-7466108	Shahbaz Qasim 03077358045
Khokhran	Ms.Farhat Jahan 0308-7311254	Gulshan Ara 0302-7322550 BHU Hamid P. Kanora	Ishfaq Husain 03007346365	Muhammad Faheem-ZC 0302-7483586	Sohrab Ali 0302-7157559	Jameel 03084051730
<b>Shujabad</b>						
<b>Chak RS</b>	Afshan Afros 0301-2510012	Fouzia Majeed	Husnain Ahmeed 0300-7862922	Abdul Sittar 0307-5918671	Allah Ditta 0304-7380916	Allah Ditta 0304-7380916
<b>Pounta</b>	Fouzia Bano 0344-8562230	Fouzia Majeed	Yaqeen 0303-7570963	Abdul Aziz 0300-7133789	Mujahid Shah 0301-6487053	Mujahid Shah 0301-6487053
<b>Mahra</b>	Allah Ditta 0300-6847581	Bushra Maryam 0306-7421861	Shafiq Jaffery 0301-6009934	Bashir Ahmeed 0306-7338385	Abdul Kareem 0306-5039134	Abdul Kareem 0306-5039134
<b>Gardaizpur</b>	M. Sajid 0345-7209384	Bushra Ajmal 0302-7430954	Akbar 0300-8794387	Saif Ur Rehman 0343-6984420	Rana Mumtaz 0301-5150536	Rana Mumtaz 0301-5150536
<b>Jalalpur Khaki</b>	Kamran Anjum 0300-6396923	Bushra Ajmal 0302-7430954	Hamid Raza 0347-8174540	Zahoor Ahmeed 0308-5926759	Ghulam Mustafa 0300-7363488	Ghulam Mustafa 0300-7363488
<b>Jalalpurpir Wala</b>						
Jahan Pur	Muhammad Asad Ullah, (BHU Jahan Pur) 0303-4892252	Rabia Akram 03037240097	M. Nasarullah 03015671616	Muhammad Tanveer 0345-1077557	Abdul Lateef 0300-7222994	Abdul Lateef 0300-7222994
Ghazi Pur	Sohail Ahmad Khan (BHU theykalan) 03336119169	Salma Nazik 0333-8802262	M. Naem 03007039143	Rasool Bakhsh 0306-7349353	Qamar Ul Hassan 0305-7221690	Qamar Ul Hassan 0305-7221690
Inayatpur	Tahir Naveed (BHU Ali Pur Sadat) 0300-5788995	Tasleem Bibi 0301-7735974	Shahid Javed 03022192170	Ghulam Abbas 0300-8800838	Ghulam Siddique 0307-8018590	Ghulam Siddique 0307-8018590
Bait Kaitch	Munwar Rasheed BHU Kotla Chakar 0301-7754546	Zakia Manzoor 0306-9151057	Mehmood ul Hassan 03012936334	Muhammad Kashif 0306-9851291	Talib Hussain 0301-2043731	Talib Hussain 0301-2043731
Khan Bela	Munwar Rasheed BHU Kotla Chakar 0301-7754546	Rabia Akram 0301-8813540	M. Sajjad 03007314427	Muhammad Asif 0300-6821012	Akhtar Hussain 0302-6593139	Akhtar Hussain 0302-6593139
Durabpur	Tahir Naveed (BHU Ali Pur Sadat) 0300-5788995	Rabia Akram 03037240097	M. Saheen 03017705284	Muhammad Yameen 0304-0741500 Arif Raza 0302-7351066	Ghulam Shabbir 0313-6364548	Ghulam Shabbir 0313-6364548

**Table 9**  
**LOGISTIC GAP ANALYSIS**

Item	Quantity Required	Stock In Hand	Gap	Support by District Government
<b>Emergency Health Kit (EHK)</b> (1 EHK is sufficient for 6000 population for 1 month)	20	0	20	
<b>Reproductive Health Kit (RHK)</b> (BEmONC-1 Kit is sufficient for 30000 population for 1 month & CEmONC-1 is sufficient for 150000 population for 3 months)	6	0	6	
ARV @5 doses/pt	500	150	185	
ASV @3 Doses/pt	200	53	105	DG Office Lahore
Polio vaccine	50000	2000	48000	
Measles vaccine up to 13 yrs age @ 40%	40000	5500	34500	
TT	20000	20000	0	
Vit.A CapsulesBlue	10000	2350	7650	
Red	20000	35500	-	
Safe Delivery Kits	1980	180	1980	
Plumpy Dose (325gm/child/week)	250kg	-	250kg	
High Energy Biscuits	5800 pkts	-	5800 pkts	
Micronutrient Tabs	1380 Tab	-	1380 Tab	
Sprinkles	100 Kg	-	100 Kg	
<b>Vector Control Stocks / Insecticides</b>				
Deltamethrrine 5% Wp	8050Kg	50Kg	8000kg	ADG (EP&C)
Deltamethrrine 1.5%	1605 Liters	105 Liter	1500L	
Temephos 1% Granular	12125Kg	1251 Kg	12000kg	
<b>Essential Medicines</b>				
Chloroquine Tab.	50000	12650	37350	-
ORS.	200000	48240	210890	-
Aqua Pura 100 Tabs (Tab/Liter)	100000	0	100000	
IV Fluids	15000	22730	7730	-
<b>Equipment</b>				
Personal Protection Kit	200	-	200	-
Spray Pumps	615	315	300	-
Fogger Machines				-
Hand Held/ Man Carried	96	76	20	-
Vehicle Mounted	14	4	10	-
Torches	200	-	200	-
Emergency Light	200	-	200	-
Water Purification Plant	30	-	30	-
<b>Diagnostics</b>				
Rapid Diagnostic Kits for Malaria	14000 Kit	-	14000 Kit	-
Microscopy centers	11	11	0	-
Solar Energy Operated Microscope	30	-	30	

## LOGISTIC MANAGEMENT

The district will ensure prepositioning of reserve stocks before start of monsoon. After wards the replenishment will be made on regular basis from district reserve stores, provincial MSD and Development partners. The replenishment will base on consumption reports from respective Fixed Centers and Mobile Teams. In order to effectively manage the supply chain system, the logistic support system (LSS) will be made operational with the support of WHO. The list of essential medicines required in flood like situation is annexed. In addition, the contents of EHK are also annexed.

## DISEASE SURVEILLANCE AND EPIDEMIC RESPONSE

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

**Table 10**

### DISTRICT EMERGENCY RESPONSE TEAM (ERT)

<b>Designation</b>	<b>Name</b>	<b>Contact #</b>
CEO (DHA)	Dr. Munawar Abbas	0312-9233333
DHO-PS	Dr. Zafer Abbas	0301-7504306
DHO (HRM&MIS)	Dr. Waseem UI Hassan Rimzi	0300-7326765
DHO(MS)	Dr. Ghulam Yaseen	0300-6307847
DDHO(HQ)	Dr. Farooq Ahmed	0300-6306058
DDHO Multan		
DDHO Shujabad	Dr. Ghulam Murtaza Natiq	0345-7264809
DDHO Jalalpur Pirwala	Dr. Riaz Laang	0300-6374107
District Pathologist Civil Hospital Multan	Dr. Mujahid Habib	0333-6118239
District Medical Specialist Civil Hospital Multan	Dr. Majid	0333-6107231
District Pediatrician Civil Hospital Multan	Dr. Tanveer	0300-9635598
Focal Person DEWS o/o CEO (DHA) Office	Dr. Atta Ur Rehman	0314-6168999

**DISTRICT RAPID RESPONSE TEAM**  
**OFFICE ORDER**

In compliance of Director General Health Services, Punjab Lahore Order

<p>GOVERNMENT OF PUNJAB, PRIMARY AND SECONDARY HEALTH CARE DEPARTMENT <b>OFFICE OF THE CHIEF EXECUTIVE OFFICER, DISTRICT HEALTH AUTHORITY</b> KUCHEHRY ROAD, MULTAN Phone 061-9200902 Fax 061-9200903 No. _____ VP/CEO(DHA), Dated _____</p>
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No. DHS/851-92/PA dated 23.04.2018, following District Rapid Response Team is hereby constituted with immediate effect with following (TORs).

<b>Sr. No</b>	<b>Name of Officer</b>	<b>Designation</b>		<b>Cell NO.</b>
1.	Dr. Farooq Ahmed	DDHO (HQ) Multan	Team Leader	0300-6306058
2.	Mr. Faheem	Assistant Entomologist	Member	0312-4302195
3.	Alam Sandila	CDCO	Member	0300-6376172
4.	Muhammad Sarwar	DSI	Member	0301-6958286
5.	Jameel Ahmed	DSV	Member	0300-9631030

**Terms of References (TORs)**

- I. They will maintain the line list all communicable disease of public health importance.
- II. They will follow up the case on regular basis till the completion of the incubation period of each disease.
- III. They will coordinate in referring the case to the clinical specialist of the District.
- IV. They will provide feedback to Provincial Focal Person and other lying departments (Live Stock, Police, District Administration).
- V. Coordinate with all formation of Health Department, Line Department and International Partners.

# FLOOD CONTINGENCY PLAN 2019



## IRRIGATION SHUJABAD CANAL DIVISION MULTAN.

### **1.1 LOCATION**

Shujabad Canal Division is Located at Abdali Road Opposite Cardiology Centre Multan. The jurisdiction of Shujabad Canal Division starts from Tehsil Kabirwala District Khanewal runs through Tehsil Multan, Shujabad & extends upto Tehsil Jalalpur Pir Wala of District Multan.

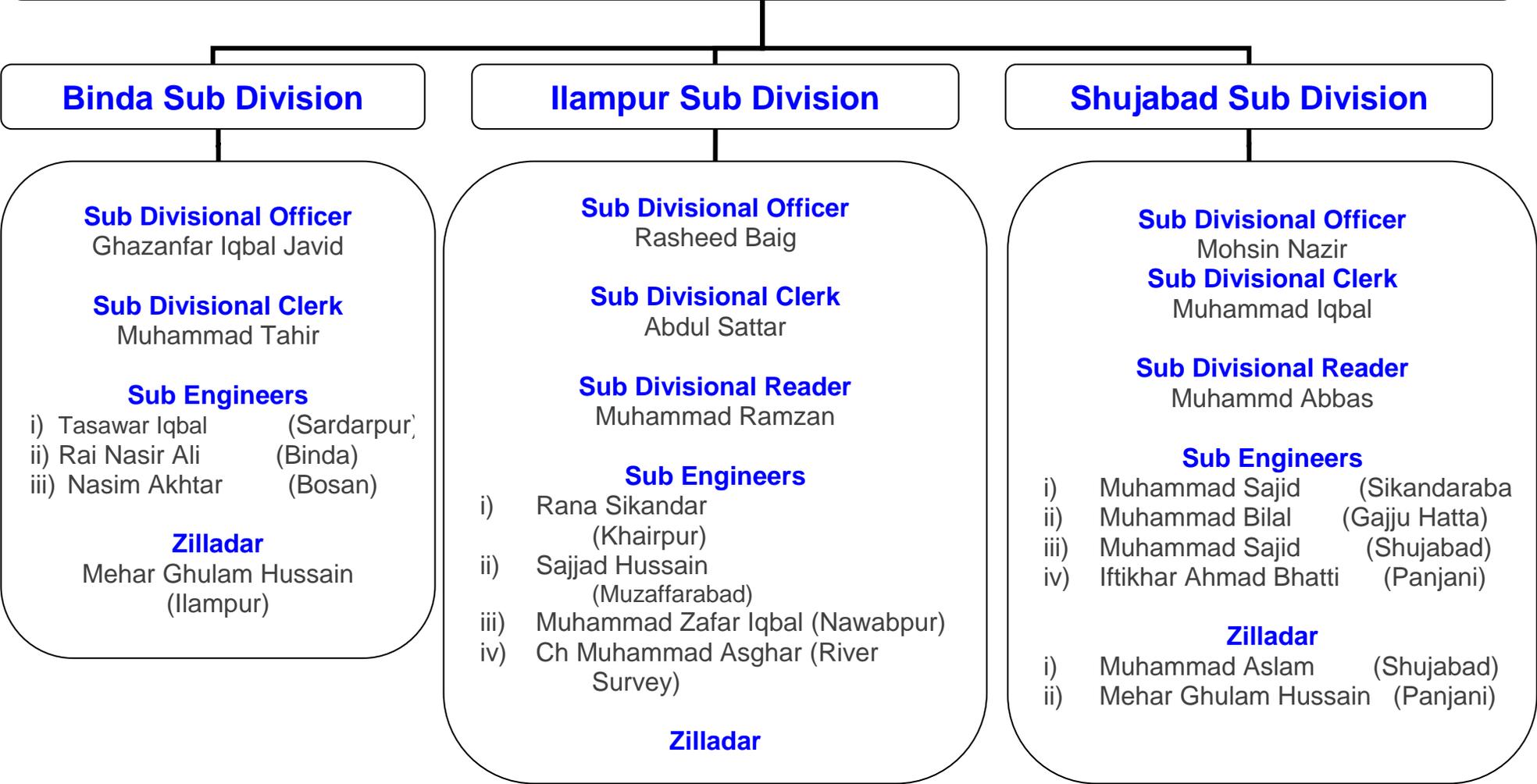
### **1.2 GENERAL DESCRIPTION**

Shujabad Canal Division covers the area of Tehsil Shujabad, part of Tehsil Jalalpur Pirwala, Tehsil Multan, and Tehsil Kabirwala of District Multan and District Khanewal. Also a Minor part of Muzaffargarh Tehsil of Muzaffargarh District, lies within the jurisdiction of this Division. These areas lie on the left bank of River Chenab D/S of its confluence with River Ravi in a narrow belt to confluence point of Sutlej and Chenab River within a width varying from two to ten miles and covering a length of about 90miles. The floods in River Chenab therefore threaten extensive damage to life and property. The existing flood bunds system which was developed gradually over the last half century has been converted in to a full-fledged network of first and 2nd defence lines after flood of 1973. All the bunds in the first line of defence were originally designed for flood heights which now correspond to medium flood discharges of the order of 4.0 lac cusec. These bunds are very close to the river as explained in the succeeding paragraphs and are prone to mishaps during high floods and cannot be expected to bear the strain of exceptionally high floods. Exceptionally high floods of 1973 and 1976 caused colossal damages to these bunds. The further status of these bunds was discussed in the 50th meeting of Punjab Flood Commission on 19-12-1973 and it was decided not to raise or strengthen these bunds but repair

them to their original designed data so as to make them safe for original flood heights, and 2nd defence line was approved to face the river spills in the case of any mishap in the first line at high discharges. These bunds came under severe action during flood 1992 and were heavily damaged. The matter was referred to higher authorities which in view of heavy extent of damages proposed their restoration with 6.0ft free board above H.F.L of 1992. The 2nd defence line is 20.0ft top width and side slope of 3:1/2:1 and has free board of 5.0ft above H.F.L of 1973. The location of bunds and different river training structures have been shown on the attached index plan and page No.49. The total length of channels is 368.10 Miles and Flood embankment/bunds is 173.75 miles alongwith 10 Nos J-Head Spurs.

**1.3 ADMINISTRATIVE SETUP**

**EXECUTIVE ENGINEER, SHUJABAD CANAL DIVISION, MULTAN.  
MUHAMMAD MUNEER ANJUM**



# CHAPTER -2

## FLOOD PROTECTION AND RIVER TRAINING WORKS

### 2.1 DESIGN PARAMETER OF TRAINING WORKS

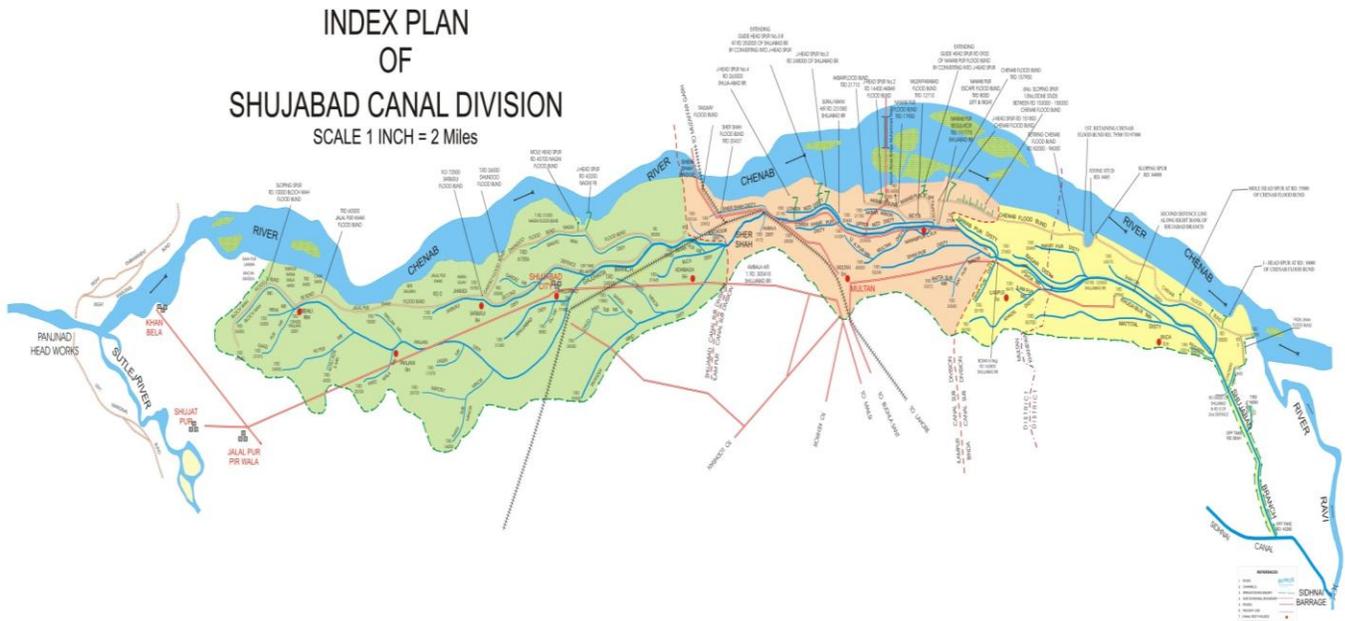
Sr. No.	Name of Bund	Length Canal Miles	Top Width	Side Slopes		Free Board F/levels	
				River Face	Land Face		
1	2	3	4	5	6	7	
<b>DATA OF 1<sup>ST</sup> DEFENCE LINE / BUNDS</b>							
1	Fazil Shah flood bund RD.0-10500	2.10	25.00ft	3:1	2:1	6.0ft (1992)	
2	Chenab flood bund RD.0-157950	31.59	25.0ft	3:1	2:1	6.0ft (1992)	
3	Nawabpur escape bund L&R RD.0-8000x2 =16000	3.20	16.0ft	3:1	2:1	4.0ft (1973)	
4	Nawabpur flood bund RD.0-17950	3.60	25.0ft	3:1	2:1	6.0ft (1992)	
5	Muzaffarabad flood bund RD.0-12710	2.50	12.0ft	3:1	2:1	4.0ft (1959)	
6	Akbar flood bund RD.0-21710	4.30	25.0ft	3:1	2:1	6.0ft (1992)	
7	Sher Shah Flood Bund. RD.0-20437	4.08	25.0ft	3:1	2:1	6.0ft (1973)	
8	Sher Shah Railway Flood Bund. RD.0-15100	3.02	25.0ft	3:1	2:1	6.0ft (1973)	
9	Right bank of Shujabad Branch RD.231000-279000	9.6	20.0ft	3:1	2:1	6.0ft (1976)	
10	Right bank of Gajju Hatta Branch RD.17000-35000	3.60	25.0ft	3:1	2:1	6.0ft (1976)	
11	Nagni flood bund RD.0-51000 tail	10.20	25.0ft	3:1	2:1	6.0ft (1973)	
12	Dhundoo flood bund RD.0-26500	5.30	25.0ft	3:1	2:1	6.0ft (1973)	
13	Gardez flood bund RD.0-15750	3.28	25.0ft	3:1	2:1	6.0ft (1973)	
14	Jalalpur Khaki flood bund RD.0-60000	12.0	25.0ft	3:1	2:1	6.0ft (1973)	
15	Satburji Flood RD.54000-72500 of Satburji Disty	3.70	25.0ft	3:1	2:1	6.0ft (1973)	
16	Tie bund 0-8600	1.72	25.0ft	3:1	2:1	5.0ft (1973)	
17	Bloachwah flood bund RD. 0-62230 Tail.	12.44	25.0ft	3:1	2:1	6.0ft (1973)	
<b>Total:</b>		<b>116.23</b>					
<b>DATA 2<sup>ND</sup> DEFENSE LINE / BUNDS</b>							
1	Right bank of Shujabad Branch RD.54000-231000	35.4	20.0ft	3:1	2:1	5.0ft (1973)	
2	Right bank of Gajju Hatta	17.02	20.0ft	3:1	2:1	5.0ft (1973)	

	Branch RD: 35-67000 and Sutburji Disty RD: 0-54000						
3	RD.87000-120000 2nd Defence line Panjani Disty	6.60	20.0ft	3:1	2:1	5.0ft (1973)	
4	Right bank of Panjani Disty RD.123000-131000	1.60	20.0ft	3:1	2:1	5.0ft (1973)	
<b>Total:-</b>		<b>60.62</b>					
<b>DATA OF SPURS</b>							
1	J-Head Spur RD: 4+000 Fazil Shah Flood Bund	1.50	30.00	3:1	3:1	06 ft(1992)	
2	J-Head Spur RD: 10+000 Chenab Flood Bund	1.04	30.00	3:1	2:1	06 ft(1992)	
3	Mole Head Spur RD: 55+000 Chenab Flood Bund	0.10	30.00	3:1	3:1	06ft (1992)	
4	J-Head Spur RD: 151+800 Chenab Flood Bund	1.15	30.00	3:1	3:1	06ft (1992)	
5	Extended Guided Spur No.1 RD.0+920 of Nawabpur Flood Bund by converting into J-Head Spur.	0.92	30.00	3:1 2:1	3:1 2:1	6.0ft above H.F.L (1973)	
6	J-head spur No.2 oppt:RD.14+400 Akbar flood bund	1.21	25.0ft	3:1 2:1	3:1 2:1	6.0ft above H.F.L (1973)	
7	J-head spur No.3 oppt:RD.248+000 Shujabad	0.878	25.0ft	3:1 2:1	3:1 2:1	6.0ft above H.F.L (1973)	
8	Extended Guided Spur No.3-B RD.252+000 of Shujabad Branch by converting to J-Head Spur.	0.60	25.0ft	3:1 2:1	3:1 2:1	6.0ft above H.F.L (1973)	
9	J-head spur No.4 oppt: RD.263+000 Shujabad Branch.	1.08	25.0ft	3:1 2:1	3:1 2:1	6.0ft above H.F.L (1973)	
10	Mole Head Groyne at RD.42+200 Nagni flood bund.	0.52	20.0ft	3:1	3:1	6.0ft (1976)	
11	J-head spur RD.42+200 Nagni flood bund	0.59	25/ 30.0ft	3:1	3:1	6.0ft (1976)	
12	Mole Head Spur at RD:45+700 Nagni Flood Bund	0.40	30.0ft	3:1	3:1	6.0ft (1976)	
13	Sloping Spur at RD.10+000 Baloch Wah Flood Bund	0.93	25.0ft	3:1	2:1	6.0ft (1992)	
<b>TOTAL:-</b>		<b>10.918</b>					
3	<b>DATA OF EARTHEN CROSS SPURS ALONG CHENAB FLOOD BUND</b>						
	1	RD.6600	0.04	20 ft	3:1	3:1	06ft (1992)
	2	RD.10500	0.10	20 ft	3:1	3:1	06ft (1992)
	3	RD. 11500	0.10	20 ft	3:1	3:1	06ft (1992)
	4	RD. 16200	0.10	20 ft	3:1	3:1	06ft (1992)
	5	RD. 22300	0.10	20 ft	3:1	3:1	06ft (1992)
	6	RD. 25500	0.10	20 ft	3:1	3:1	06ft (1992)
	7	RD. 30500	0.10	20 ft	3:1	3:1	06ft (1992)
	8	RD. 33500	0.10	20 ft	3:1	3:1	06ft (1992)

	9	RD. 48500	0.10	20 ft	3:1	3:1	06ft (1992)	
	10	RD.53500	0.10	20 ft	3:1	3:1	06ft (1992)	
	11	RD. 56000	0.10	20 ft	3:1	3:1	06ft (1992)	
	12	RD. 57000	0.10	20 ft	3:1	3:1	06ft (1992)	
	13	RD. 61500	0.10	20 ft	3:1	3:1	06ft (1992)	
	14	RD. 66200	0.10	20 ft	3:1	3:1	06ft (1992)	
	15	RD. 70000	0.10	20 ft	3:1	3:1	06ft (1992)	
	16	RD. 75000	0.10	20 ft	3:1	3:1	06ft (1992)	
	17	RD. 93000	0.13	20 ft	3:1	3:1	06ft (1992)	
	18	RD. 94500	0.10	20 ft	3:1	3:1	06ft (1992)	
	19	RD. 95500	0.10	20 ft	3:1	3:1	06ft (1992)	
	20	RD.96500	0.10	20 ft	3:1	3:1	06ft (1992)	
	21	RD.97500	0.10	20 ft	3:1	3:1	06ft (1992)	
	22	RD. 103500	0.055	20 ft	3:1	3:1	06ft (1992)	
	23	RD.106500	0.075	20 ft	3:1	3:1	06ft (1992)	
	24	RD. 107500	0.065	20 ft	3:1	3:1	06ft (1992)	
	25	RD. 110500	0.143	20 ft	3:1	3:1	06ft (1992)	
	26	RD. 111200	0.050	20 ft	3:1	3:1	06ft (1992)	
	27	RD111900	0.06	20 ft	3:1	3:1	06ft (1992)	
	28	RD. 113000	0.095	20 ft	3:1	3:1	06ft (1992)	
	29	RD. 114000	0.085	20 ft	3:1	3:1	06ft (1992)	
	30	RD. 115000	0.08	20 ft	3:1	3:1	06ft (1992)	
	31	RD.115500	0.095	20 ft	3:1	3:1	06ft (1992)	
	32	RD.131000	0.07	20 ft	3:1	3:1	06ft (1992)	
	33	RD.132000	0.113	20 ft	3:1	3:1	06ft (1992)	
	34	RD.138500	0.09	20 ft	3:1	3:1	06ft (1992)	
	35	RD.140000	0.09	20 ft	3:1	3:1	06ft (1992)	
	36	RD.141400	0.10	20 ft	3:1	3:1	06ft (1992)	
	37	RD.141700	0.10	20 ft	3:1	3:1	06ft (1992)	
	38	RD. 142-143	0.10	20 ft	3:1	3:1	06ft (1992)	
	39	RD. 143-144	0.10	20 ft	3:1	3:1	06ft (1992)	
	40	RD. 144-145	0.10	20 ft	3:1	3:1	06ft (1992)	
	41	RD. 145-146	0.10	20 ft	3:1	3:1	06ft (1992)	
	42	RD. 147-148	0.10	20 ft	3:1	3:1	06ft (1992)	
	43	RD. 148-149	0.10	20 ft	3:1	3:1	06ft (1992)	
	44	RD. 149-150	0.10	20 ft	3:1	3:1	06ft (1992)	
4	<b>EARTHEN CROSS SPURS ALONG DUHNDOO FLOOD BUND</b>							
	1	RD.0	0.036	20 ft	3:1	3:1	06ft (1992)	
	2	RD. 3500	0.12	20 ft	3:1	3:1	06ft (1992)	
	3	RD. 23300	0.138	20 ft	3:1	3:1	06ft (1992)	
5	<b>EARTHEN CROSS SPURS ALONG BALOCHWAH FLOOD BUND</b>							
	1	RD. 9750	0.095	20 ft	3:1	3:1	06ft (1992)	
	2	RD. 17100	0.038	20 ft	3:1	3:1	06ft (1992)	
	3	RD. 17500	0.042	20 ft	3:1	3:1	06ft (1992)	
	4	RD. 18000	0.038	20 ft	3:1	3:1	06ft (1992)	
	5	RD. 19000	0.005	20 ft	3:1	3:1	06ft (1992)	
6	<b>EARTHEN CROSS SPURS ALONG JALALPUR KHAKI FLOOD BUND</b>							
	1	RD. 10	0.08	20 ft	3:1	3:1	06ft (1992)	
	2	RD. 15	0.05	20 ft	3:1	3:1	06ft (1992)	
	3	RD. 24500	0.043	20 ft	3:1	3:1	06ft (1992)	
	4	RD. 30	0.043	20 ft	3:1	3:1	06ft (1992)	
	5	RD. 40	0.043	20 ft	3:1	3:1	06ft (1992)	
	6	RD. 42500	0.043	20 ft	3:1	3:1	06ft (1992)	
	7	RD. 45	0.054	20 ft	3:1	3:1	06ft (1992)	

	8	RD. 45500	0.044	20 ft	3:1	3:1	06ft (1992)	
	9	RD. 50000	0.08	20 ft	3:1	3:1	06ft (1992)	
	10	RD.52200	0.044	25 ft	3:1	3:1	06ft (1992)	
	11	RD.55000	0.1	20 ft	3:1	3:1	06ft (1992)	
		<b>Total</b>	<b>4.978</b>					
9	<b>STONE STUDS</b>							
	RD. 150-151 (3 No.) 3 x .04 = 0.12		0.12	15 ft	2:1	2:1	06ft (1992)	
	RD. 151-152 (3 No.) 3 x .04 = 0.12		0.12	15 ft	2:1	2:1	06ft (1992)	
	RD. 152-153 (2 No.) 2 x .04 = 0.08		0.08	15 ft	2:1	2:1	06ft (1992)	
	RD. 153-154 (2 No.) 2 x .04 = 0.08		0.08	15 ft	2:1	2:1	06ft (1992)	
	RD. 154-155 (3 No.) 3 x .04 = 0.12		0.12	15 ft	2:1	2:1	06ft (1992)	
		<b>Total</b>	<b>0.52</b>					
10	<b>SOLID STONE SLOPING SPUR CHENAB FLOOD BUND</b>							
	1	RD. 151	0.035	15 ft	2:1	2:1	06ft (1992)	
	2	RD. 152	0.035	15 ft	2:1	2:1	06ft (1992)	
	3	RD. 153	0.035	15 ft	2:1	2:1	06ft (1992)	
	4	RD. 154	0.035	15 ft	2:1	2:1	06ft (1992)	
	5	RD.155	0.035	15 ft	2:1	2:1	06ft (1992)	
		<b>Total</b>	<b>0.175</b>					

## 2.2 LOCATION PLAN



## ***BRIEF HISTORY OF PAST FLOOD EVENTS***

- In the year 1973, Baloch wah flood bund existed in very weak condition and it was breached at many places due to unprecedented high floods of 1973.
- Flood water damaged Chenab Flood Bund during super flood 1992 between RD.48-50 and RD.79-98,110-136 and 150-Tail.
- Dhundhoo Flood Bund was breached from RD:21-22 during flood 2006.
- Due to construction of Head Muhammad Wala bridge by National Highway Authority, serious effect of back water by heading up was observed during flood of 2010.To protect Nawabpur Flood bund from RD.3950-17950, work for the raising of has been completed.
- The Muhammad Wala bridge was constructed during 2009-10 in front of RD.11+350 of Akbar Flood Bund by National Highway Authority. As per Model Study, the level will be attained 417.50 U/S at a discharge of 10.0 lac Cs bridge and back water effect will be produced upto RD.3+950 of Nawabpur Flood Bund. A scheme for raising Akbar Flood Bund RD.6+050 to 11+350 and Nawabpur Flood Bund RD.3+950 to 17+950 have been completed.
- During flood 2014 Severe leakages were observed on various flood bunds i.e. RD.270-272 1<sup>st</sup> Defence line of Shujabad Branch, RD.87-88 of Chenab Flood Bund which were controlled by adopting affective and timely protective measures.
- During flood 2014 Erosive actions were observed at RD.24-56 of Jalalpur Khakhi Flood Bund, RD.37-38 Baloach wah Flood Bund and RD.47-53 of Chenab Flood Bund during flood 2014 which were protected with tree launching, bamboo bushing and flood fighting material etc.

## BRIEF HISTORY OF PAST FLOOD EVENTS

### 1. FIRST DEFENCE LINE.

#### a) FAZIL SHAH FLOOD BUND.

This bund is the upper most in the first line of defence and has a length of 10500ft. It serves the purpose of stopping the river spills from entering the pocket behind Chenab flood bund around its upstream anchor. This bund comes under severe action of fast flow and large spill depth at discharge above 3 lac Cs. The confluence of River Ravi and Chenab falls just opposite the head reach of this bund and the bund is therefore, effected more by Ravi floods than by Chenab spills. This bund not only protects the fertile agricultural area with rich produce, but also serves as the only flood defence for Sardarpur Town.

With reference to the classification of bunds given in Sind Bund Manual it is high height Bund but there is no cause of concern upto a discharge of 4.00 lac Cs. Vigilant watching is needed as the whole bund becomes vulnerable beyond this discharge. This bund was badly damaged in extra ordinary super high flood of 1992. It was restored in 1996 under flood damaged restoration programme. The design data of the bund is as under:-

1.	Top width	=25ft
2.	Side slopes	=3:1 / 2:1
3.	Free board	=6.0ft above H.F.L.1992

During 2010, it was experienced that back flow of water beyond this point threatened the local abadies and it was suggested that start of this flood Bund should be connected to some higher edge for the proper protection of area in this regard,

#### b) CHENAB FLOOD BUND.

The Chenab flood bund was constructed along the left bank of river Chenab after the flood of 1959 with the purpose to save the abadies of District Multan, Tehsil Kabirwala of District Khanewal. Thickly populated area of Multan City, valuable irrigation system and other Government installations are situated behind this bund. In the first instance, this bund was designed for low to medium floods capacities with a free board of 4.0ft above H.F.L of 1973.

This bund is 31.59mile long and forms a major part of the 1<sup>st</sup> Defence line in Binda and Ilampur Sub Division of Shujabad Canals Division. Major part of its length is a high bund with large spill depths / occurring towards River side during flood season. In some reaches this bund follows a sinuous alignment. There are several depressions which cross this bund although have been silted upto a large extent on the River side but still creates parallel flows. Due to large spill depths, strong wave action is also commonly generated causing substantial damages to river side slopes which have to be watched and protected. This bund is safe upto 4.0 lac Cs. But beyond this intensive watch is absolutely necessary to with-stand higher water levels. This bund being close to the river is also prone to damages due to parallel flow and requires proper watch. To stabilize these parallel flow condition generated due to a deep creek running all along the bund, earthen and stone pitched x-spurs were constructed at vulnerable sites prior to flood 1997. This bund remained stable during peak flood of 2013 and 2014 and no abnormal damages were reported.

**c) NAWABPUR FLOOD BUND.**

Nawabpur flood bund, forms one side of Nawabpur Pocket. This bund is 3.6miles long and average height is about 10ft except at RD.13300 and 14100 where the bund crosses two old creeks. The height increases to 16ft at these two points making it a very high bund. To check serious river erosion opposite Nawabpur bund, a guide bank head type spur was constructed at RD.0920 under flood protection sector. This spur also came under severe attack of River Chenab during flood of 1996-97. Due to Construction of a bridge Muhammad Wala by National Highway Authority, serious effect of back water by heading up was observed during flood of 2010.To save Nawabpur flood bund, work for the raising of flood bund from RD.3950-17950 has been completed.

Top width	=25ft
Side slopes	=3:1/ 2:1
Free board	=6.0ft above H.F.L 1992.

**d) AKBAR FLOOD BUND.**

This is last flood bund in the system of first defence line in Ilampur Sub Division. It starts from tail of Muzaffarabad Flood bund and falls opposite to Multan Cantonment, Nawabpur flood bund joins it at RD. 6000. This bund is anchored to some what high patch of ground at its tail at RD. 21610, but the spill flows around this enter into the pocket at the back. This spill has been checked to some extant by construction of a pacca road. This bund has recently been rehabilitated under flood damages restoration programme. A bridge Muhammad Wala was completed during 2009-10 in front of RD.11+350 of Akbar Flood Bund by National Highway Authority. As per Model Study, the level will be attained 417.50 U/S of bridge and back water effect will be produced upto RD.3+950 of Nawabpur Flood Bund. A scheme for raising Akbar Flood Bund RD.6+050 to 11+350 and Nawabpur Flood Bund RD.3+950 to 17+950 was completed before flood season 2012 with the following design data.

Top width	=25ft
Side slopes	=3:1/ 2:1
Free board	=6.0ft above H.F.L 2010 as per Hydraulic Model Study Report No. 1317 dated March 2016 (417.50+6')
Length	=21610

In order to check river tendency to shift toward the left flank, a J-head spur was also constructed at RD. 14400 of Akbar flood bund. The spur remained safe during flood 2014.

**e) MUZAFFARABAD FLOOD BUND.**

This bund forms one side of the Nawabpur pocket and has the second defence along right bank of Shujabad Branch for Multan City and cantonment. The bund also serves as the right bank of upper Muzaffarabad Disty. It comes under action only when flood water enters into the pocket on account of breach in escape channel link bund, on Nawabpur flood bund. During the high flood of previous years, there was no serious damage to this bund and it remained almost safe.

**f) SHUJABAD BRANCH RD:231+000-279+000 IST AND SECOND DEFENCE LINE.**

After 1992 flood the right bank of Shujabad Branch was restored from RD.231-263 under flood damages restoration programme with the following design data.

Top width	=20.0ft
Side slope	=3:1/ 2:1
Free board	=6.0ft above H.F.L 1992.

To protect Multan city and the cantonment area, two No. j-head spurs at RD.248+000 and 263+000 of Shujabad Branch have been constructed under flood protection sector; both these spurs remained almost safe during exceptional high flood of 1997 with minor damage to stone apron and slopes of earthen shanks. No serious damage occurred during flood 2013. Severe leakages were observed on flood bund i.e. RD.270-272 1st Defence line of Shujabad Branch and were controlled by adopting affective and timely protective measures during flood 2014.

**g) SPUR 3-B**

During flood of 1994, the river changed its course in reach RD.248+000-263+000 of Shujabad Branch. It engaged spur 3-B and erosive action towards Shujabad Branch continued. A scheme was prepared for checking erosion against river action opposite RD. 252+000 Shujabad Branch for the protection of Multan City and irrigation system. This spur was constructed prior to flood 1997. Spur is in satisfactory condition and intact.

**h) SHER SHAH FLOOD BUND.**

This bund is located on the left bank of Sher Shah disty and formed an extension of the left Marginal bund of Sher Shah Railway Bridge. The bund shattered during the floods of 1973 thereby flooding Multan –Muzaffargarh arterial road and area between Muzaffargarh and Sher Shah. To protect the highway road from such damage in future, the Highway Department constructed its own bund on the left side of Sher Shah Disty. This bund was handed over to Irrigation Department in 1982 vide relief Commissioner Punjab letter No.54-85/91 C.R.C dated 18-2-82. The bund is not according to the specifications of Irrigation Department. During the unprecedented floods of 2014, the bund suffered some damages to its river side slopes.

**i) SHER SHAH RAILWAY FLOOD BUND.**

Sher Shah Railway Flood Bund starts from tail of Sher Shah Flood Bund. This bund was in the custody of Pakistan Railway Multan. Now, it has been transferred to Irrigation Department. Its length is 3.02 mile (15100ft) and runs parallel to Multan-Muzaffargarh railway track. There exist 2 No breaching sections on this flood bund being operated on

attaining critical flood level of 393.5 ft. The difference between design top level of Sher Shah railway flood bund and Sher Shah bund is 3.79 ft. During 2014 flood, the bund was over topped at various reaches and leakages occurred.

During the 2014 Sher Shah flood bund was over topped. The bund is proposed to be raised to the design top level and strengthen on river side slope. The material used for raising purpose shall comprise loamy / good soil. A 15 ft. wide shingle road has been proposed at the top of bund which will not only reduce the erosion but also help in free monitoring of the bund during rain / flood periods.

Top of flood bund has been kept 25 ft wide with side slopes 3:1 / 2:1 as per specifications Federal Flood commission. Top level of Sher Shah Railway flood bund has been kept as per design top level of tail reach of Sher Shah flood bund.

**a) FIRST DEFENSE LINE IN SHUJABAD SUB DIVISION.**

**RIGHT BANK OF GAJJU HATTA BRANCH RD: 17000-35000.**

Right bank of Gajju Hatta Branch in reach RD.17-35 constitutes the 1<sup>st</sup> Line of Defence for main Railway Line, Basti Khokran, Sikandarabad Town and protection of a net work of canals in Tehsil Shujabad. It has been converted in to full fledged flood bund with the following parameter.

1.	Length	=3.6mile
2.	Top width	=20.0ft
3.	Side slopes	=3:1/ 2:1
4.	Free board	=5.0ft above H.F.L1973.

**b) NAGNI FLOOD BUND.**

Nagni Flood Bund along with Dhundoo Flood Bund constitutes the 1<sup>st</sup> Line of Defence for Shujabad Town and its surrounding areas RD.0+000-75+100. The right bank of Satburji Disty, from the 2<sup>nd</sup> Defence Line is behind this bund. In view of importance for the safety of Shujabad Town, the bund has been remodeled with the following data.

1.	Length	=10.2mile
2.	Top width	=25.0ft
3.	Side slopes	=3:1/ 2:1
4.	Free board	=6.0ft above H.F.L of 1973

**c) MOLE HEAD GROUYNE AT RD.42+200 NAGNI FLOOD BUND.**

The apron of Mole Head Groyne was replenished during 1987-88 and remained intact in super flood of 1988. Also the structure remained heavily engaged during flood 1996, but was quite safe during flood 1997.

**d) J-HEAD SPUR RD.42+200 NAGNI FLOOD BUND.**

J-head spur was constructed by extending the shank of Mole Head Groyne at RD.42+200 of Nagni Flood bund during the year 1987-88 with an estimated cost of Rs.14 million. Due to super floods of 1988, the complex flow conditions generated in the proximity of the shank of the J-head due to deep scour. The shank gave way and about 1700 ft length was washed away.

The departmental expert committee decided not to restore it in full length, but to pitch the same with 500ft in the existing condition. The restoration work was completed. The part of apron of j-head was launched / settled which was replenished accordingly. This structure is located at most sensitive point, as it remains under the direct hit of main Active River. The structure remained safe during flood 2014.

**e) DHUNDU FLOOD BUND.**

This bund is in continuation of Nagni flood bund as explained above. The tail of this bund connects with RD. 0 of Gardez Flood Bund. This bund has to face strong parallel flow generated due to proximity of the left arm main River Chenab and formation of deep creek. The river is approaching close to the bund between RD. 3+000 to 6+000 by eroding the valuable lands. It acts as 1<sup>st</sup> Defence Line and protects a vast fertile area of two No. channels namely Bakhtuwah Disty and Gardez Minor. On its

back ,the right bank of Satburji Disty serves as a 2<sup>nd</sup> Defence Line. The designed data of the bund is as under:-

- |    |             |                             |
|----|-------------|-----------------------------|
| 1. | Length      | =5.30miles                  |
| 2. | Top width   | =25.0ft                     |
| 3. | Side slopes | =3:1/ 2:1                   |
| 4. | Free board  | =6.0ft above H.F.L. of 1973 |

Dhundoo Flood Bund tails off in open area, the river spill flows around its tail end and inundates the area (about 4000 acres) on the country side by reverse flow (back water effects). To save these irrigated areas from spill, Dhundoo Flood bund has been connected from tail RD.26+500 to RD.54+000 of Satburji Disty named as Gradez Flood bund RD.0+000-15+750 having a length of 3.15 miles. Leakage has been occurred during flood 2014.

**f) GARDEZ FLOOD BUND.**

This bund is a link between tail of Dhundoo Flood Bund and 2<sup>nd</sup> Defence Line along Satburji Disty. The designed data of the bund is given as below.

- |    |             |                          |
|----|-------------|--------------------------|
| 1. | Length      | =15+750 or 3.15 miles    |
| 2. | Top width   | =25.0ft                  |
| 3. | Side slopes | =3:1/ 2:1                |
| 4. | Free board  | =6.0ft above H.F.L. 1973 |

**g) JALALPUR KHAKI FLOOD BUND.**

This bund protects the areas fed by Panjani Disty, system in Jalalpur Pirwala Tehsil This bund is very close to the River Chenab and at some places the river arm is about 500ft from the bund The nearby creeks remain dormant during winter but as soon as the River Starts raising, they spring to life with the

advent of flood discharges, to create strong parallel flow. One of these impinges obliquely at RD.55. Keeping in view the above problems and the fact that there was no 2<sup>nd</sup> Defence Line behind the bund in this reach, the bund has been raised and strengthened in entire reach RD.0+000-60+000(Tail). The designed data of the bund is as under.

- |    |             |                         |
|----|-------------|-------------------------|
| 1. | length      | =60+000= 12 miles.      |
| 2. | Top width   | =25.0ft                 |
| 3. | Side slopes | =3:1/ 2:1               |
| 4. | Free board  | =6.0ft miles H.F.L.1973 |

During flood of 2014 erosive actions were observed RD.24-56 Jalalpur Khakhi Flood Bund, which were protected with tree launching, bamboo bushing and flood fighting material etc. The flood bund remained safe.

**h) TIE FLOOD BUND**

**This bund connects the tail RD.60+000 Jalalpur Khaki Flood Bund with RD.139+000 of Panjani Disty. It is very helpful in protecting the Jalalpur Pirwala Town, Behli Canal Rest House and Irrigation system at the tail of Panjani Disty.**

The existing designed data of the bund is as under:-

- |    |             |                          |
|----|-------------|--------------------------|
| 1. | Length      | =1.68miles               |
| 2. | Length      | = 20.0ft                 |
| 3. | Side slopes | =3:1/ 2:1                |
| 4. | Free board  | =5.0ft above H.F.L.1973. |

**i) BALOACHWAH FLOOD BUND.**

**This bund is the last component of series of flood bunds in Shujabad Canal Division. The bund is very close to the river and thus suffers damages due to action of river spill and direct hits through active creek especially in reach RD.16+000-26+000. Flood level along this bund is also affected by the afflux created by the U/S training works of Punjnad Headworks on left marginal bund. Importance of this bund is however moderated with levels rising towards country side and spill water flowing round the tail end on the country side of bund. Because there was no 2nd defence line on the back of this bund, so it was extended from RD. 18+000 to 62+230 during 1984-85.**

**The top width of the extended portion is 20ft with side slopes as 3:1/ 2:1 having a free board of 6.0ft on the H.F.L of 1973. The data of the bund from RD. 0+000-62+230 is as below.**

- |    |             |                         |
|----|-------------|-------------------------|
| 1. | Top width   | =20.0ft                 |
| 2. | Side slopes | =3:/ 2:1                |
| 3. | Free board  | =5.0ft above H.F.L 1973 |

**There are two villages Shahpur Lamma and Wachha Sandila which are under severe threat of River Chenab and ordinate near these villages is 3+600-4+200ft respectively opposite RD. 10+000 to 12+000 of Baloachwah Flood Bund. To save these villages proposal for constructions, 2Nos sloping spurs were submitted for approval but only one spur opposite**

**RD.10+000 was agreed by the Federal Flood Commissioner. After construction of this spur, the above two villages are now safe from the direct river action.**

#### **OUTLET WATER COURSE AND TUBEWELL CROSSING.**

**It is experienced during the previous floods that the outlet/water course and tube well crossings under the flood bunds, created serious problems at some sites. Some outlets were also settled. Therefore sufficient flood fighting material is required to be available at each effective point for closing all these crossing before start of the flood seasons. In this regard, necessary certificates may be exercised by the Sub Divisional Officer, that all these crossing have been closed. Moreover special day and night watching establishment is also necessary to be appointed at each point to avoid any possibility of mishap during flood period.**

### **2<sup>ND</sup> DEFENSE LINE IN SHUJABAD DIVISION.**

**Consists of two portions as under:-**

**a) BINDA AND ILAMPUR SUB DIVISION.**

**In Shujabad Division, the right bank of Shujabad Branch.(RD-54+000-279+000) has been converted into flood embankment .The designed data of this portion is as under:-**

	<b>Binda Sub Division</b>	<b>RD -54+000-163+000</b>
	<b>Ilampur Sub Division</b>	<b>RD -163+000-279+000</b>
1.	Length.	=45.0 miles
2.	Top width	=20.0 ft
3.	Side slopes	=3:1/2:1
4.	Free board	=5.0 ft above H.F.L 1973

**b) SHUJABAD SUB DIVISION.**

**The 2<sup>nd</sup> Defence line in Shujabad Sub Division is located along the right banks of Irrigation channels as detailed below:-**

1.	Right Bank of Gajju Hatta Branch Flood Bund	RD: 35+000-67+000
2.	Right Bank of Satburji Disty Flood Bund	RD: 0+000-54+000
3.	Right Bank of Panjani Disty Flood embankment	RD: 87+000-131+000

**The designed data of this portion is as below:-**

1.	Length	=26.0mile
2.	Top width	=20.0ft
3.	Side slopes	=3:1/2:1
4.	Free board	=5.0ft above H.F.L. 1973

## **CHAPTER -4**

### **DESIGNED DATA, HISTORIC PEAK FLOOD DATA AND PREVIOUS FIVE YEARS FLOOD DATA OF HEADWORKS/ BARRAGES AND OR OTHER CONTROL POINTS.**

#### **4.1 FLOOD LIMITS**

##### **TRIMMU BARRAGE:-**

Low flood	150000-200000 Cs
Medium flood	200000-300000 Cs
High flood	300000-450000 Cs
Very high flood	450000-600000 Cs
Exceptionally	above 600000 Cs

##### **SIDHNAI BARRAGE:-**

Low flood	30000-45000 Cs
Medium flood	45000-60000 Cs
High flood	60000-90000 Cs
Very high flood	90000-120000 Cs
Exceptionally high flood	above 120000 Cs

##### **AT CHENAB FLOOD BUND IN SHUJABAD DIVISION.**

Low flood	150000-300000 Cs.
Medium flood	300000-400000 Cs.
High flood	400000-450000 Cs.
Very high flood	450000-600000 Cs.
Exceptionally high flood	Above than 600000 Cs.

- ❖ Gauge installed at R.D.8000 of Fazil Shah Flood bund.

## 4.2 TIME LAGS OF FLOODS

**TABLE OF DISTANCES AND TIME LAGS FOR FLOOD IN RIVER CHENAB AND RAVI IN SHUJABAD DIVISION.**

Sr No	Stages	River Chenab					River Ravi				
		Marala to Khanki 39 -miles	Marala to Qadarabad 57-miles	Qadarabad to Trimmu 163-miles	Trimmu to Shersha h 100- miles	Sherssha h to Punjnad 60-miles	Jassar to Shahdar a 72-miles	Shahdar a to Balloki 54-miles	Balloki to Sidhnai Barrage 240miles	Sidhnai Barrage to Sherssha h 80-miles	Sherssha h to Punjnad 60-miles
		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours
1	2	3	4	5	6	7	8	9	10	11	12
1	Low flood	12	15	48	48	30	45	25	110	40	35
2	Medium flood	12	14	45	48	30	42	24	100	36	32
3	High flood	10	12	40	44	25	36	19	90	30	30
4	Exceptionally high flood	10	12	40	38	22	35	18	88	29	29

**TABLE SHOWING DISTANCES AND TIME LAGS FOR FLOOD IN RIVER CHENAB IN SHUJABAD DIVISION.**

**River Chenab**

S.No	Stages	Trimmu to Head Fazil Shah Flood Bund 44.0 miles	Trimmu To Confluence point of River Ravi Chenab (Opp: RD.8 Fazil Shah Flood Bund 45.5 miles	Trimmu to Spur No. 1 at RD: 920 Nawabpur Flood Bund 76.0 miles	Confluence point to Spur No. 1 at RD: 920 of Nawabpur Flood Bund. 30.6 miles	Spur No. 1 to Sher Shah Bridge 24.0 miles.
		Hours	Hours	Hours	Hours	Hours
1	2	3	4	5	6	7
1	Low Flood	21	22	36	15	12
2	Medium Flood	21	22	36	15	12
3	High Flood	19	20	33	13	11
4	Exceptionally High Flood	17	17	29	12	09

**TABLE OF SHOWING DISTANCES AND TIME LAGS FOR FLOOD IN RIVER RAVI IN SHUJABAD DIVISION.**

**River Ravi**

S.No	Stages	Sidhnai to Head Fazil Shah 24.0 miles	Sidhnai to Confluence. 25.5 miles	Sidhnai to Spur No. 1 at RD.920 Nawabpur Flood Bund 56.0 miles	Spur No. 1 to Shershah Bridge 24.0 miles.
		Hours	Hours	Hours	Hours
1	2	3	4	5	6
1	Low Flood	12	12	27	12
2	Medium Flood	12	12	27	12
3	High Flood	11	11	25	11
4	Exceptionally High Flood	09	10	21	09

**NOTE:-**

**Time lags mentioned above have been calculated for stages which correspond to low floods. High discharges make more transit time due to heavy spilling enroot.**

### 4.3 HIGHEST FLOODS

AT SIDHNAI HEAD WORKS			AT TRIMMU HEAD WORKS		
Year	Date	Discharge (Cs)	Year	Date	Discharge (Cs)
1972	16-7-72	22916	1972	12-7-72	566984
1973	16-8-75	210339	1973	12-8-73	963249
1992	16-9-92	93910	1992	14-9-92	982027
1995	12-9-95	210320	1995	1-8-95	859881
2014	12.09.14	71112	2014	10.09.14	626006

❖ Highest Flood Discharge observed during 1992 as 982027 Cs. in Shujabad Canal Division.

### PEAK DISCHARGES

AT SIDHNAI HEAD WORKS			AT TRIMMU HEAD WORKS		
Year	Date	Discharge (Cs)	Year	Date	Discharge (Cs)
2001	7-8-2001	30585	2001	18-8-2001	85831
2002	18-08-02	16086	2002	17-08-02	125427
2003	-	-	2003	22-02-03	165223
2003	09-08-03	25486	2003	08-08-03	137705
2004	23-08-04	12773	2004	20-08-04	48739
2005	23-07-05	12078	2005	11-07-05	171137
2006	02-08-06	25595	2006	07-09-06	270270

## ***Peak Discharges***

<b>AT SIDHNAI HEAD WORKS</b>			<b>AT TRIMMU HEAD WORKS</b>		
Year	Date	Discharge (Cs)	Year	Date	Discharge (Cs)
2007	19-08-07	14405	2007	17-08-07	70093
2008	24-08-08	38691	2008	07-08-08	67836
2009	25-08-09	23009	2009	21-08-09	62265
2010	11-08-10	10378	2010	11-08-10	333404
2011	18-09-11	17676	2011	20-09-11	133090
2012	10-09-12	26086	2012	07-08-12	67694
2013	25.08.13	77630	2013	20.08.13	267609
2014	12.09.14	71112	2014	10.09.14	626006
2015	28.07.15	38539	2015	31.07.15	134715
2016	10.08.16	9806	2016	11.08.16	153334
2017	08.08.17	16667	2017	05.08.17	89345
2018	08.08.18	15570	2018	05.08.18	87204

## **CHAPTER -5**

### **FLOOD FIGHTING STRATEGY**

Note:- Flood fighting strategy explained in appendix (I,II & III) on page 26 to 29.

### **REACHES PRONE TO PARALLEL FLOW / DAMAGES**

The reaches on various flood bunds where parallel flows are likely to occur to damage the bunds and the spill conditions, have been shown in a statement appearing as Appendix-I. (Page No.26)

### **VULNERABLE SITES.**

The sites/reaches where the bunds become vulnerable and require special attention have been shown in a statement appearing Appendix-II. (Page No.28)

### **DANGER GAUGES.**

The general population along flood bunds do not fully understand the flood conditions expressed in terms of discharges as gravity of flood gauges. It is therefore already shown at gauge site whether the flood situation is safe or not. For this purpose, special gauges named as danger/emergency gauges have been selected on the bunds. The bund will be vulnerable when flood mark touches the danger level and evacuation of general public protected by the bund becomes necessary. The danger level will be marked on the gauge in a red band 3 inches wide. A statement depicting the location at each gauge and the R.I. of danger marks has been attached as Appendix III. When these attain the danger level with river rising situation the population on the country side will be warned to evacuate.

## **EXTENT OF FLOODING.**

The flooded area depends upon the magnitude of river discharge and water levels attained in the flooded plain. Normally the area lying on river side will be submerged at medium flood level while some areas on the back of first defence line at the tail of Akbar Flood Bund will also be submerged due to spill flow around the tail end. Increase in the river discharge will result in the increase of submerged area and cannot be predicted readily for the time being. However to check this problem and to make area safe. Due to above facts a scheme has been prepared namely connecting tail Akbar Flood Bund with Shujabad Branch, which will make some area safe against the spill out from the tail of 1<sup>st</sup> Defence line.

## **RELIEF CUTS.**

In the event of a mishap in the first defence, the escapage spreads in the compartment between first and second defence bund starts accumulating. After the compartment has been filled, the water starts heading up at the tail end due to pocketing effect which will vary with the actual distance of the site of mishap from the tail end. This excessive depth of water submerges almost everything in the pocket with the result that numerous cuts are made by the public or by the staff incharge in complete panic which in addition to spoiling the bund sometime also proves to be in-effective.

It is, therefore, necessary that some definite sites be selected before hand for making relief cuts to release the accumulated spill effectively without spoiling the bunds through unnecessary gaps. There are three such pockets in Shujabad Division.

It is therefore, proposed that in the case of need, relief cuts will be made at the following location.

- |    |                           |                                |
|----|---------------------------|--------------------------------|
| 1. | Chenab flood bund.        | =RD.151+000-157+000(Near tail) |
| 2. | Escape link bund<br>(R&L) | =Between RD.5+500+7+300        |
| 3. | Nawabpur flood bund.      | =Between RD.16+000-17+000      |

## **MACHINERY FOR RELIEF CUTS AND EMERGENCIES.**

### **a) FOR RELIEF CUTS.**

As the relief cuts will involve quite a substantial quantity of earthwork, it will be necessary to use either dozers and excavators or blasting method. For this purpose, arrangement of at least 3 dozers and 4 No. of excavators would be made available either from Agricultural Engineering Department or some other source and these would be stationed at Nawabpur Regulator & Satburji Rest House. If dozers and excavators are not available, matter would be taken up with Army Engineers for blasting the bund at relief cut sites when required. If necessary, Trimmu and Sidhnai Barrage Division may be contacted for requirement of liners, because they have such arrangement ready at all times.

### **b) FOR EMERGENT REPAIR.**

Some machinery is also required for emergent repairs at vulnerable/dangerous points/reaches, detail of which appear below:-

1. Two dozers at RD.28+000-30+000 of Chenab flood bund and two at RD.28+000-86+000 & one at 57+000 Chenab flood bund.
2. One dozer and one excavator at RD.252+000 of Shujabad Branch.
3. One dozer at RD.14+000-17+000 of Baloachwah Flood Bund and one dozer at RD.49+000 of Nagni Flood Bund.

This will make a total of eight bulldozers which will be obtained from Agricultural Engineering Department directly, or through Deputy Commissioner, if necessary Army dozers can also be requisitioned.

## **COUNTER SABOTAGE MEASURES.**

During floods of very high and exceptionally high magnitude, the spill depth on river side sometimes becomes so large that people living in spill area cut the bunds to release pressure on their dwellings. Similar cuts can also be expected from Anti-National Forces. It will, therefore, be necessary in such a case that Civil Authorities or police officers who are on duty at the bunds or in relief centers may be contacted by the Sub Divisional Officer, incharge under intimation to higher Officers for timely provision of police patrol and taking other necessary counter sabotage measures.

## **MOBILE/FIELD DISPENSARY AND SERA.**

Floods bring disease and misery. Poisonous insects and reptiles like scorpions, snakes etc, are picked up by flood waters and are thrown on to dry bunds. Thus snake and insect bite cases are not uncommon. It therefore, becomes necessary that emergency drugs and serum be made available at the bund. For this purpose, the District Officer Health would be requested to provide Field/Mobile Dispensary with sufficient quantity of

emergency drugs and Anti snake venom serum, Anti Tetanus serum and necessary vaccines to control disease and epidemics which come in the wake of floods.

### **FLOOD INUNDATIONS.**

The flood heights have been increasing persistently due to :-

1. Aggradations in river Channel.
2. Reduction in effective water way. This reduction can be attributed to :-
  - a) Construction of pacca houses, Tube well structures and other permanent obstructions like gardens etc.
  - b) Cultivation of tall crops like sugarcane and jutar etc.  
The construction of structures and sowing of tall crops will have to be discouraged to reduce further encroachment of river width.

### **FLOOD STAGES AND LIMITING DISCHARGES.**

There is no discharge observation site opposite flood bunds in Shujabad Division and thus flood categories could not be defined uptill now. The only reliable way is to fix the discharge limits for various flood categories opposite flood bunds in Shujabad Division with reference to the total discharges passed downstream Trimmu and Sidhnai Barrages.

It is an accepted fact that substantial aggradation took place in all the rivers during the low discharge cycle in the decade prior to 1973. This resulted in early spills and spills depths for all discharge stages increased. It thus became necessary to revise the existing flood limits on Barrages. The Punjab Flood Commissioner, therefore, considered this aspect in the 55th meeting held on 17-06-1974 and approved revised discharge limit for various categories of floods, These limits are in force since then and appear in the statement attached as Chapter-4 (4.1). The distance between various barrages on river Jhelum, Chenab & Ravi and main strategic points on flood bunds in this Division along with respective time lags are attached at Chapter-4 (4.2). The limiting discharges for river Chenab at Sardarpur (Chowki Mojhan) and Nawabpur near Multan are proposed to be reckoned with reference to the effective totals of discharges below Trimmu limits are:-

- |    |   |   |                          |
|----|---|---|--------------------------|
| 1. | Discharge above 1.50 lac Cs<br>but less than 3.00 lac Cs. | = | Low flood                |
| 2. | Discharge above 3.00 lac<br>but less than 4.00 lac.       | = | Medium flood             |
| 3. | Discharge above 4.00 lac<br>but below 4.5 lac Cs.         | = | High flood               |
| 4. | Discharge above 4.5 lac<br>but below 6.00 lac Cs.         | = | Very high flood          |
| 5. | Discharge of 6.00 lac Cs<br>and above.                    | = | Exceptionally high flood |

The word discharge as used above means the total effective discharge downstream Trimmu and Sidhnai Barrages. The categories of flood in this text is in accordance with the above limits.

**STATEMENT SHOWING THE REACHES OF FLOOD BUNDS & DISCHARGES AT WHICH SPILL TOUCHES AND POSITION OF PARALLEL FLOW. APPENDIX-I**

Sr No.	Name of Flood Bund	Discharge at Which Spill Touches	Reaches of the Bund Touched	Position of Parallel Flow	Remarks
1	2	3	4	5	6
1	Fazal Shah flood bund	2.0 Lac Cs	6+000-10+500	Tail Mild	The parallel flow intensities beyond 4.0 lac Cs. Earthen and No. of pitched x-spurs have been constructed to check parallel flow in addition.7 No. sloping spur and 14 No. stone studs have also been constructed.
		3.0 Lac Cs	3+000- Tail	Moderate	
		4.0 Lac Cs	3+000- Tail	Severe	
		Above			
2	Chenab flood bund	4.0 Lac Cs	0+000- Tail	Severe to intense	
		2.0 Lac Cs	40+000-65+000	Mild	
			120+000- Tail	Mild	
		3.0 Lac Cs	0+000- Tail	0+000-40+000 Moderate	
				40-55 Severe	
				4859 Severe	
				90-91 Severe	
				103-104 Severe	
3	Nawabpur flood bund	4.0 Lac Cs	0+000- Tail	Intensive	
		Above			
		2.0 Lac Cs	0+000- Tail	Mild	
		3.0 Lac Cs	0+000- Tail	Moderate	
4	Akbar flood bund	4.0 Lac Cs	0+000- Tail	Severe	
		above 4.0 Lac Cs	0+000- Tail	Intensive 5-6, 10-11 & 17-Tail	
		2.0 Lac Cs	6+000- Tail	Mild	
		3.0 Lac Cs	6+000- Tail	Severe	
5	RD.17-35 Gajju Hatta Branch Nagni flood bund	4.0 Lac Cs	6+000- Tail	Severe intensive	
		above 4.0 Lac Cs	6+000-Tail	Intensive RD.12-14	
		2.0 Lac Cs	25+000-40+000,48+000-52+000	Normal	
		3.0 Lac Cs	33+000-40+000	Mild	
		4.0 Las Cs	33+000-51+000	Moderate	
		above 4.0 Lac Cs	2+000-51+000	Severe intensive	
		3.0 Lac Cs	21+000-24+000	Mild	
6	Dhundoo flood bund	4.0 Lac Cs	20+000-26+000	Moderate	
		above 4.0 Lac Cs	0+000-26+000	Severe intensive	
		2.0 Lac Cs	0+000-23+000	Normal	
		3.0 Lac Cs	21+000-24+000	Mild	

		above 4.0 Lac Cs	0+000-26+000	Severe intensive	been constructed to check parallel flow.
7	Jalalpur Khaki flood bund	3.0 Lac Cs	40+000-45+000	Moderate	Spill water and also creates emergency in reach RD.16+000-20+000 due to parallel flow
		4.0 Lac Cs	30+000-Tail	Severe	
		4.5 Lac Cs	10+000-Tail	Severe intensive RD.45-Tail	
8	Gardezpur flood bund Tie bund	2.25 Lac Cs	0+000-2+000	Normal	Four earthen cross spurs have already been constructed to check this parallel flow
		2.0 Lac Cs	0+000-13+000	Moderate	
		3.0 Lac Cs	0+000-13+000	Severe	
		4.0 Lac Cs	0+000-13+000	Intensive	
9	Balochwah flood bund	2.0 Lac Cs	5+000-14+000	Moderate	Spill water touches, Reach RD.16+000-20+000 is very sensitive and usually creates alarming situation during flood.
		3.0 Lac Cs	0+000-18+000	Severe	
		4.0 Lac Cs	0+000-18+000	Severe	
		above 4.0 Lac Cs	0+000-18+000	Intensive	

**(Appendix-II)**

**STATEMENT SHOWING VULNERABLE REACHES/SITES ON  
FLOOD BUNDS IN SHUJABAD CANAL DIVISION MULTAN  
WHICH REQUIRE SPECIAL ATTENTION.**

Sr. No.	Name of Flood Bund	Vulnerable Reach/Sites
<b>BINDA SUB DIVISION</b>		
1	Chenab flood bund.	RD. 3+000, 6+000, 26+000, 28+000, 50+000-52+000, 90+000-98+000
<b>ILAMPUR SUB DIVISION</b>		
2	Chenab flood bund.	RD. 150+000-155+000, 155+000-157+000

3	Nawabpur flood bund.	RD. 0+000-5+000
4	Akbar flood bund	RD. 6+000-11+000
5	Shujabad Branch 1 <sup>st</sup> Defence Line	RD:252+000
<b>SHUJABAD SUB DIVISION</b>		
6	Nagni flood bund.	RD. 40+000-50+000
7	Dhundoo flood bund.	RD. 20+000-25+000, 8+000-10+000, 4+000-5+000
8	Bloachwah flood bund.	RD. 10+000-18+000, 33+000-38+000
9	Jalal Pur Khaki flood bund.	RD. 7+000-11+000, 40+000-56+000

NOTE:-

**A site becomes vulnerable when it is expected to face.**

Wave wash

Direct attack by a creek.

Intense parallel flow or contains bed soil with large depth and head across.

**TABLE SHOWING THE DANGER GAUGES FOR FLOOD BUNDS  
IN SHUJABAD CANAL DIVISION MULTAN.**

Sr No.	Name of Flood Bund	Danger Flood Mark River Rising	Site	Remarks
1	Chenab flood bund.	431.60	RD.50+000	
2	Chenab flood bund.	418.50	RD.130+000	
3	Chenab flood bund.,	413.30	RD.157+000	
4	Nawabpur flood bund.	410.30	RD.10+000	
5	Akbar flood bund.	417.50	RD.11+350	
6	Nagni flood bund.	378.50	RD.45+000	
7	Dhundoo flood bund	373.50	RD.20+000	
8	Jalalpur Khaki flood bund.	359.80	RD.55+000	
9	Baloachwah flood bund.	355.70	RD.10+000	

The above danger gauges have been proposed in consideration of the site conditions contained during high flood( when the danger levels on these gauges are touched). The people will automatically know that they have to evacuate immediately.

## **CHAPTER -6**

### **FLOOD DAMAGES RESTORATION WORKS**

**THERE IS NO FLOOD DAMAGES  
RESTORATION  
WORKS CARRIED  
OUT IN THIS  
DIVISION.**

## CHAPTER -7

### FLOOD FIGHTING / WATCHING ARRANGEMENT

#### 7.1 PRE-FLOOD ARRANGEMENT

The pre-flood period will be counted as the period starting from the start of flood season upto the time the flood water rises upto 1.00ft, above general N.S.L. along bunds. During this period two watch men per mile per shift will be employed for two shifts during 24 hours. This will apply to Marginal Bund and other flood bunds. Now as decided during Zonal Office meeting dated.03/04/2000that work charge establishment be allowed at the rate of one man per two miles for Pre-flood preparation.

Sr. No.	Name of Intervention	Sanctioned Reserve Stock of Stone Limit	Reserve Stock Available at Site	Balance Reserve Stock Required
1	2	3	4	5
1	Guide Bank Spur No. 1 RD: 0920 Nawabpur Flood Bund	2.00 Lac (Cft)	2.00 Lac (Cft)	-
2	J-Head Spur No. 2 RD: 14400 Akbar Flood Bund	1.00 Lac (Cft)	0.72 Lac (Cft)	0.28 Lac (Cft)
3	J-Head Spur No. 3 RD: 248000 Shujabad Branch	1.00 Lac (Cft)	0.96 Lac (Cft)	0.04 (Cft)
4	J-Head Spur No. 4 RD: 263000 Shujabad Branch	1.00 Lac (Cft)	0.82 Lac (Cft)	0.18 Lac (Cft)
5	5 No. Slopping Spurs	1.00 Lac (Cft)	2.15 Lac (Cft)	0.15 Lac (Cft)
6	13 Nos. Stone Studs.	1.00 Lac (Cft)		
7	Spur No. 3 B RD 252000 Shujabad Branch	1.00 Lac (Cft)	0.53 Lac (Cft)	0.47 Lac (Cft)
8	J-Head Spur at RD: 42200 N.F. Bund	1.00 Lac (Cft)	1.00 Lac (Cft)	-
9	Mole Head Spur at RD: 45700 N.F. Bund	1.00 Lac (Cft)	1.00 Cft	-
10	Sloping Spur RD 10000 at Balouchwah Flood Bund	0.50 Lac (Cft)	0.47 Cft	0.03 Lac (Cft)
11	Chenab Flood Bund RD: 21-26	0.15 Lac (Cft)	-	-
12	Chenab Flood Bund RD: 28-33 Sardarpur	0.15 Lac (Cft)	0.046 Lac (Cft)	0.40 Lac (Cft)
13	Chenab Flood Bund RD: 47-50 Sardarpur	0.15 Lac (Cft)	-	-
14	Chenab Flood Bund RD: 61-63 Binda	0.15 Lac (Cft)	-	-
15	Chenab Flood Bund RD: 80-96 Binda	0.15 Lac (Cft)	0.39 Lac (Cft)	0.06 Lac (Cft)
16	Chenab Flood Bund RD: 96-110 Binda	0.15 Lac (Cft)		
17	Chenab Flood Bund RD: 113-117 Bosan	0.15 Lac (Cft)		
18	Chenab Flood Bund RD: 118-129 Bosan	0.15 Lac (Cft)	0.31 Lac (Cft)	0.14 Lac (Cft)
19	Chenab Flood Bund RD: 131-140 Bosan	0.15 Lac (Cft)		
	<b>Total</b>	<b>11.85 Lac (Cft)</b>	<b>10.396 Lac (Cft)</b>	<b>1.45 Lac (Cft)</b>
<b>Note:- Percentage of available Reserve Stock of Stone = 88%</b>				

## 7.2 *Watching Establishment*

The watching establishment on marginal bunds is required to be employed as per following scale in accordance with the approval given by Chief Engineer Irrigation Multan vide his letter No. 16746-49 dated 31-05-79.

## 7.3 *Arrangement at sensitive sites*

- (i) The normal strength for watching at sensitive sites along flood protection and River training works will be doubled during high flood / exceptionally high flood.
- (ii) The establishment can be increased after consultation with Executive Engineer, Shujabad Canal Division, Multan / Superintending Engineer, Haveli Canal Circle Multan in emergency & in accordance with site requirements.

The establishment will be responsible for maintenance of flood bunds and Spurs Shanks. It will arrange Minor accomplish to bank top, side slopes, removal of Sarkanda etc as shanks and on pitched part of spurs. Establishment as well as Machinery would also be responsible for filling gharas / rain cuts etc as occurred due to rains during the monsoon season.

Note:- Detail given in Chapter No.14.

## 7.4 *Watching Material*

Watching material will be placed at different hut sites, an additional material will also be required in order to meet with extraordinary worst situation and to recoup the site situation. Hence the following material will be kept ready in the Workshop for this purpose.

Sr. No.	Name of articles	Quantity Sanctioned	Quantity Available	Balance Quantity
1	Hurricane lamps	416 No.	350	76
2	Wicks in yards	118 Yds	80	38
3	Chimneys	847 No.	710	137
4	Burners & camps	159 No.	150	09
5	Torches	22 No.	18	04
6	Cells for torches	35 Dz	05	30
7	Petromax lamps	20 No.	18	02
8	Kerosene oil gallon	3096 G1	1500	1596
9	Match Boxes	113 Dz	25	88
10	Spirit	60 Btl	10	50
11	Funnel	86 No.	80	06
12	Munj Ban	856 Kg	700	156
13	Oil Extractor	90 No.	90	-
14	Spirit cane	20 No.	-	20
15	Gunny bags	5540 No.	4000	1540
16	Axes	96 No.	96	-
17	Lar Mahl 50'	2500 No.	2000	500
18	Kssies	496 No.	496	-
19	Handle for ksi	442 No.	300	142
20	Mallet wooden	230 No.	230	-
21	Hrmer2 Las	56 No.	56	-

22	Tranger	18	Roll	10	08
23	Buckets 12" size	265	No.	200	65
24	Hammer 14 Lbs	54	No.	54	-
25	Balties 16" long	1008	No.	1008	-
26	Cow dungs in EC	1008	Bags	800	208
27	Khaji mate 3x4'	2830	No.	2500	330
28	Sand	9080	Cft.	8000	1080
29	Baskets	5632	No.	5632	-
30	Stakes6-8' long	5540	No.	5540	-
31	Needle	180	No.	100	80
32	Sutli Lbs/Plastic Binders	1000	Lbs	500	500
33	Mantles	592	No.	400	192
34	Chimneys for petromax	42	No.	42	-
35	Nozels	42	No.	42	-
36	Needle for patromax	42	No.	42	-
37	Funnel fitted with Gauze	42	No.	42	-
33	Baskets	5632	No.	5632	-
34	Stakes6-8' long	5540	No.	5540	-
35	Flood relief jackets	1500	No.	150	1350
36	Generators	10	No.	02	08
37	Emergency Lights	12	No.	02	10
<b>Sr. No.</b>	<b>Name of articles</b>	<b>Sanctioned</b>		<b>Quantity Available</b>	<b>Balance Quantity</b>
1	Hurricane lamps	16	No.	10	06
2	Wicks in yards	8	Yds	08	-
3	Chimneys	47	No.	40	07
4	Burners & camps	9	No.	07	02
5	Torches	2	No.	02	-
6	Cells for torches	5	Dz	-	05
7	Petromax lamps	2	No.	02	-
8	Kerosene oil gallon	96	G1	60	36
9	Match Boxes	13	Dz	06	07
10	Spirit	10	Btl	05	05
11	Funnel	06	No.	06	-
12	Munj Ban	56	Kg	40	16
13	Oil Extractor	10	No.	04	06
14	Spirit cane	2	No.	02	-
15	Gunny bags	40	No.	30	10
16	Axes	96	No.	96	-
17	Lar Mahl 50'	300	No.	200	100
18	Kassies	496	No.	496	-
19	Handle for ksi	42	No.	42	-
20	Mallet wooden	10	No.	10	-
21	Hrmer2 Las	06	No.	06	-
22	Tranger	03	Roll	03	-
23	Buckets 12" size	65	No.	65	-
24	Hammer 14 Lbs	54	No.	54	-
25	Balties 16" long	550	No.	550	-
26	Cow dungs in EC	550	Bags	550	-
27	Khaji mate 3x4'	1430	No.	1430	-
28	Sand	5506	Cft.	4800	706
29	Baskets	2568	No.	2000	568
30	Stakes6-8' long	2465	No.	1800	665
31	Needle	90	No.	90	-
32	Sutli Lbs	54	Lbs	54	-
33	Mantles	320	No.	320	-

34	Chimneys for petromax	13	No.	13	-
35	Nozels	11	No.	11	-
36	Needle for patromax	15	No.	15	-
37	Funnel fitted with Gauze	19	No.	19	-
33	Baskets	2352	No.	2000	352
34	Stakes6-8' long	2715	No.	1800	915

### **7.5 Arrangement for Sounding & probing**

The arrangement for sounding and probing will be taken up with the motor boat

### **7.6 Lighting Arrangement**

On very dangerous locations like depressions or old breach sites, electric lighting would be provided with portable generating sets, if possible, low tension electric supply line would be got installed in dangerous reaches of flood bunds, as generating sets and regular transmission line facilities may not be normally possible; available resources may be utilized. However, efforts to obtain portable electric generating sets of about 2.5 K.V. capacities will be continued 5 No, such generating sets are be required.

### **7.7 Ration Arrangement**

*Ration will be arranged by the local agencies and through NGO,s etc,*

### **7.8 P.O.L Arrangement for vehicle**

P.O.L facilities / arrangement will be made by the Irrigation Department & chargeable to flood embankments during flood.

### **7.9 Transportation**

**Provision for at least one jeep for each Sub Divisional Officer plus one for the Executive Engineer, will be aimed at. If these cannot be provided from departmental resources, requisition will be placed with civil authorities well in time for arrangement in terms of District Flood Protection Scheme.**

One motor truck or pick up will also be provided in each Sub Division to handle carriage of materials. The truck may be hired direct or requested through Civil Authorities. Special vehicles would be arranged in each Sub Division through private sources in order to combat any vigorous situation. This vehicles comprises of special flood fighting arrangements along with establishment.

### **7.10 Law and order**

Law and order situation will be tackled by the Civil Administration with the help of Police Department

### **7.11 Medical Arrangement for Labour**

Health Department will be responsible for mobilizing their sources to carry out necessary operation for providing medical facilities to the labour.

### **7.12 Liaison with other Department**

Executive Engineer Shujabad Canal Division Multan will keep liaison with the Civil and Army Authorities and will also keep the Superintending Engineer Haveli Canal Circle Multan and Chief Engineer, Irrigation Multan Zone Multan fully apprised of the flood situation in Shujabad Canal Division Multan.

**7.12-1 Communication devices such as wireless sets for 24 hour contacts will all authorities.**

**7.13 Role of Army**

Commander, Engineer 2-Corps, Multan will perform activities to fight flood emergency During Flood 2019.

**7.14 Duties of telephone Attendant**

The Telephone attendants will be present 24 hours turn wise .They will receive gauges from all related stations and pass on to concerned quarter for necessary action

**7.15 Wireless arrangements**

The wireless sets will be provided by the Deputy Commissioner concerned before the coming flood

**DETAIL OF VEHICLES WHERE WIRELESS SET INSTALLED**

Sr.No.	Vehicle Name	Designation	Remarks
1	MNG-1138	Executive Engineer, Shujabad Canal Division, Multan	Wireless set will be installed before flood season.
2	LHR-6127	Sub Divisional Officer, Ilampur Canal Sub Division, Multan	----do----
3	BRB-7794	Sub Divisional Officer, Binda Canal Sub Division, Binda	----do----
4	MNM-3200	Sub Divisional Officer, Shujabad Canal Sub Division, Shujabad	----do----

Note:- Telegraph office will act as base station.

**CHAPTER -8**  
**DETAIL OF ENCROACHMENTS**  
**A- LIST OF UNAUTHORIZED ENCROACHES ON FLOOD BUNDS**  
**IN SHUJABAD CANAL DIVISION.**

Sr. No.	Name of Flood Bund	Total No. Encroachments	No of Encroachments Removed	No of Encroachments to be Removed	Remarks	
<b>TEHSIL KABIRWALA &amp; DISTRICT KHANEWAL</b>						
1	Fazil Shah Flood Bund	13	6	7	Operation for removal of encroachments is under process.	
2	Chenab Flood Bund RD:0100	100	70	30		
	<b>TOTAL</b>	<b>113</b>	<b>76</b>	<b>37</b>		
<b>TEHSIL SADAR MULTAN &amp; DISTRICT MULTAN</b>						
1	Chenab Flood Bund RD:100-tail	221	221	0		
2	Nawabpur Flood Bund	103	103	0		
3	Akbar Flood Bund	7	7	0		
4	Sher Shah Flood Bund	42	38	4		
5	1 <sup>st</sup> Defence Shujabad Branch	44	36	8		
	<b>TOTAL</b>	<b>417</b>	<b>405</b>	<b>12</b>		
<b>TEHSIL SHUJABAD &amp; DISTRICT MULTAN</b>						
6	Gajju Hatta Flood Bund	18	18	0		
7	Nagni Flood Bund	99	99	0		
8	Dhundu Flood Bund	124	124	0		
9	Gardez Flood Bund	30	30	0		
10	Jalalpur Khakhi Flood Bund	112	112	0		
	<b>TOTAL</b>	<b>383</b>	<b>383</b>	<b>0</b>		
<b>TEHSIL JALALPUR PIR WALA &amp; DISTRICT MULTAN</b>						
10	Jalalpur Khakhi Flood Bund	112	112	0		
11	Balochwah Flood Bund	78	78	0		
12	Sat Burji Flood Bund	38	38	0		
13	Tie Flood Bund	57	54	3		
	<b>TOTAL</b>	<b>285</b>	<b>282</b>	<b>3</b>		
	<b>G-TOTAL</b>	<b>1198</b>	<b>1146</b>	<b>52</b>		

**B- CURRENT STATUS OF ENCROACHMENTS**

Sr.No.	Total Encroachment	Encroachment Removed	Balance Encroachment	Remarks
1	1198	1146	52	Removal of encroachments is under process.

**Note:** List of Encroachments have already been reported to Civil Administration for vacation of unauthorized encroachments vide this office letter No.1273/7-L dated 06.01.2018 , No.3163-66/7-L dated 15.01.2019 No.3219-3223/7-L dated 28.02.2019 Civil Department has vigorously approached for removal of encroachments.

**Note:-**There is no critical encroachment in Shujabad Canal Division.

## **CHAPTER -9**

### ***DUTY ROSTER / FLOOD FIGHTING PROGRAM***

All Sub Engineers incharge of flood bunds will setup their flood emergency headquarter at assigned points on flood bunds as given in duty Roster(Appendix IV) and will stay there from 1st of July or when the river rises to flood discharge whichever occurs earlier till the end of flood season. They will be responsible for watching operation in low medium and high flood discharges. When a very high flood is expected, the Sub Engineer, and other staff deputed from other Divisions will also move for help according to the programme detailed in the following paragraphs where in each bund has been treated individually. As the canals are generally closed during high floods, all Sub Engineers deputed for watching duties will also bring their sectional establishment with them unless directed otherwise.

Zilladar and other revenue establishment will help in perusing labour and material as required by Engineering staff and will also participate in active watching whenever called upon to do so. They will however remain available at short notice throughout the flood season by keeping their movements known to their Sub Divisional Officers and Deputy Collector.

The Sub Divisional Officer in charge and other those who are deputed will shift to their assigned flood emergency headquarters at bunds when warning of a high flood is received and will supervise the watching arrangement till subsidence of high floods.

A duty roster showing the assigned duties of different staff during very high flood period appears on (page).40-42

#### **FAZAL SHAH FLOOD BUND.**

When a very high flood is anticipated sub Engineer Sahu Section of Multan Canals Division will move to RD.4000 of Fazal Shah Flood Bund to supervise the watching of the bund.

#### **CHENAB FLOOD BUND.**

The Chenab Flood Bund being 32 miles long will be divided into seven reaches with a Sub Engineer incharge of watching arrangement in the reach of his charge.

These reaches are:-

Sub Engineer, Sardarpur	RD.0+000-38+000 with H.Q.	at RD.28+000
Sub Engineer, Kukarhata	RD.38+000-60+000 with H.Q.	at RD.57+000
Sub Engineer, Rashida	RD.60+000-80+000 with H.Q.	at RD.78+000
Sub Engineer, Binda	RD.80000-94+000 with H.Q.	at RD.100+000
Sub Engineer, Bosan	RD.100+000-135+000 with H.Q.	at RD.117+000
Sub Engineer, Chawan	RD.135+000-150+000 with H.Q.	at RD.145+000
Sub Engineer, Nawabpur	RD.150+000-157+950 with H.Q.	at RD. Chenab F/B

**AKBAR FLOOD BUND.**

Sub Engineer river survey with H.Q at RD.6+000 Akbar flood bund.

Sub Engineer Mubarik Pur right bank of Shujabad Branch RD.210+000-245+000 at RD.231+000 Sub

Engineer Muzaffarabad RD.245+000-279+000 with H.Q at RD.252+000 Sub Engineer Binda and Rashida will be located at RD.94+000 OF Chenab flood bund RD.152+000 of Chenab flood bund and RD.4+000 of Fazal Shah flood bund respectively.

**NAGNI FLOOD BUND AND RIGHT BANK OF GAJJU HATT BRANCH RD.17+000-35+000**

Sub Engineer Qasba will supervise RD.17+000-35+000 of Gajju hatta branch and 0+000-33+000 Nagni Flood Bund with

H.Q RD.20+000 of Nagni Flood Bund.

Sub Engineer Gajju hatta will supervise RD.33+000-51+000 with H.Q at RD.42+200 of Nagni Flood Bund.

**DHUNDOO FLOOD BUND.**

Sub Engineer Shujabad will be incharge of these bunds and will keep his headquarter at RD.15+000 of this bund.

**JALALPUR KHAKI FLOOD BUND.**

Sub Engineer Rawan will supervise RD.0+000-60+000 Tail with H.Q.at RD.45+000.

**BALOACHWAH FLOOD BUND RD.0+000-20+000 AND CONNECTING BUND ON RIGHT BANK OF PANJANI DISTY RD.131+000-139+000.**

Sub Engineer Panjani will be incharge of these bunds during high flood and will keep his H.Q at RD.17+000 of Baloach wah flood bund & Sub Engineer Sikandarabad will be the incharge of Baloachwah Flood Bund (RD.20+000-Tail 62+230) keeping his H.Q at RD.34+000.

Sub Divisional Officer Shujabad Sub Division of Shujabad Division will be incharge of watching arrangement on Nagni and Dhundoo Flood Bund while Sub Divisional Officer Multan will supervise Jalalpur Khaki Flood Bund connecting bund and Baloachwah Flood Bund and both these officers will assist Executive Engineer Multan who will be staying at Shujabad rest house and will act as overall Flood Control Officer of Shujabad Sub Division

Officers from revenue and police department will be assigned duties on flood bunds. They will help in procurement of labour, materials and transport etc, and maintenance of law and order together with security/counter sabotage arrangements, as and when such needs arise. After flood, they will make relief measures with the help of Army.

The reaches assigned to them as given in Deputy Commissioner Multan letter No.766-H.C/FR dated 28-6-78 have been shown in the duty Roster for regular staff.

### **GENERAL.**

During high floods, storage of rations (food stuffs) at bunds, machinery spares and P.O.L item are commonly required as communication links are severed by flood spills. It will be advisable to collect sufficient quantities of such items before high flood arrives, so as to avoid inconvenience and frustration at the time of passage of floods.

This scheme touches all important points. However, if any item of actions are necessitated due to site conditions, the officer incharge will find out some solution.

During exceptionally high floods, army help is also normally available, and officers incharge should not hesitate in asking for it whenever it becomes necessary. This help can be in the form of men, boats, dozers, demolishing material (for making relief cuts) and relief work through helicopters. According to latest decision of the Government, the Army Engineers and other branches will associate themselves with flood watching from the beginning of the flood season. The civil authorities will also depute Revenue Officers for each bund to help in watching and procurement of labour and material during emergency.

## **SHUJABAD CANAL DIVISION MULTAN. DUTY ROSTER FOR REGULAR STAFF OF FLOOD BUND IN SHUJABAD CANALS DIVISION MULTAN DURING HIGH FLOODS.**

Sr. No.	Name of Officer Incharge & His Head Quarter	Name of Bund	Sub Engineer Incharge	Reach & Head or	Revenue Officer On Duty	Police Officer On Duty	Remarks
1	2	3	4	5	6	7	8
1	S.D.O Rashida Sub Division Multan H.Q @ RD.55000 Chenab F/B	Fazal Shah F/B RD.0+000-Tail Chenab F/B RD.0+000-79+000	Sub Engineer Sahu Sec: Sub Engineer Sardarpur	RD.0+000-10+500 H.Q. @ RD.4+000 RD.0+000-38+000 H.Q.RD.28+000 of C.F.B	Tehsil Municipal officer Kabirwala -do-	SDPO Kabirwala -do-	
2	S.D.O Binda H.Q. RD.94000 Chenab F/B	Chenab F/B RD.79+000-141+000	Sub Engineer Kukarhatta	RD.38-60 H.Q. @ RD.57	-do-	-do-	
			Sub Engineer Rashida	RD.60+000-80+000 H.Q RD.78+000			

			Sub Engineer Binda	RD.80+000-100+000 H.Q.@ RD.94+000	Tehsil Municipal officer Sadar/ Multan	SDPO Multan	
			Sub Engineer Bosan	RD.100+000-135+000 H.Q.@ RD.117+000	-do-	-do-	
3	S.D.O Ilampur H.Q. RD.152+000 Chenab F/B	Chenab F/B RD. 141+000- 157+950	Sub Engineer Chawen	RD.135+000-150+000 H.Q.@ RD.145+000	-do-	-do-	
		Escape channel spur RD.0+920 Nawabpur F/B	Sub Engineer Nawabpur	RD. 150+000- 157+950 Chenab F/B RD.0+000- Tail H.Q.@ RD.157+950 Chenab F/B	-do-	-do-	
4	S.D.O Tubewell Multan H.Q.Spur No.3-B	Nawabpur F/B & Akbar F/B	Sub Engineer River survey	RD.0-Tail Akbar F/B H.Q.@ RD.6+000	Tehsil Municipal officer Multan	SDPO Sadar Mutlan	
		2 <sup>nd</sup> defence line	Sub Engineer Muzaffarabad	RD.245+000-279+000 H.Q. RD.252+000 Shujabd Branch	E.A.C Multan	-do-	
		-do-	Sub Engineer Mubarakpur	RD.210+000-245+000 H.Q.@ RD.231+000 Shujabad branch	-do-	-do-	
		Right bank of GHT branch and Nagni F/B	Sub Engineer Qasba	RD.17+000-35+000 Gajju Hatta branch RD.0+000-33+000 Nagni F/B H.Q.@ RD.20+000	-do-	-do-	
5	Shujabd Sub Division S.D.O Shujabad Sub Division H.Q.@ RD.45+000 Nagni F/B	Right bank of GHT branch and F/B Mole head groyne and j-head.	Sub Engineer Gajju Hatta Branch	RD.33+000-51+000 Nagni F/B H.Q. RD.42+200 Nagni F/B.	Tehsildar Shujabad	SHO Shujabad	
		Dhundoo and Gardez F/B	SEE: Shujabad	Dhundoo and Gardez F/B H.Q. RD.15+000 Dhundoo F/B	-do-	-do-	

	S.D.O Multan H.Q. @ RD.45+000 Jalalpur Khaki F/B	Jalalpur Khaki F/B	Sub Engineer Rawan	RD.0-60+000 Jalalpur Khaki H.Q. RD.45+000	-do-	SHO Jalalpur Pirwala	
		Balochwah F/B	SEE:SKD	RD. 2062+230 Tail Baloachwah F/B H.Q. RD.17	-do-	-do-	
		Balochwah F/Band right bank of Panjani Panjani disty	RD.0+000- 20+000 Bloachwah RD.131+000- 139+000 Panjani Disty H.Q. RD.10+000 Bloachwah F/B	S.B.E: Panjani	-do-	-do-	

**NOTE:-**

When the total discharge D/S Trimmu and Sidhnai Barrage exceeds 4.5 lac Cs. The Executive Engineer Multan Division will shift to Shujabad Canal Rest House and control all flood fighting operations of Shujabad Sub Division; as Executive Engineer Shujabad will be busy on other important flood defence related activities / arrangement in the vicinity of Multan City and keeping contact with seniors and other Department.

## **CHAPTER -10**

### **EMERGENCY TELEPHONE NUMBERS**

Sr. No	Designation of Officer	H/Q	Office Phone	Residence / Mobile Phone	Addressed
1.	Executive Engineer Shujabad Canal Division Multan Abdali Road Multan.	Multan	061-9200699	0300-7480932	1408 Wapda Town Phase-II. Multan.
2.	Sub Divisional Officer Ilampur Sub Division Multan.	Multan		0300-6387148	Banglow No.01 in officer canal colony old Bwp road, Multan.
3.	Sub Divisional Officer Binda Canal Sub Division Binda.	Binda	-	0300-7389535	Abdali Road, Multan.
4.	Sub Divisional Officer Shujabad Canal Sub Division Shujabad.	Shujabad	061-4396699	0300-0786118	Canal Colony, Shujabad.
5.	Executive Engineer Operation Multan Irrigation Zone Multan.	Multan	061-9200139 Fax 061-9200133	0300-6931899	Office of Chief Engineer, Irrigation, old BWP road Multan.
6.	Chief Engineer Irrigation Multan Zone Multan.	Multan	061-9200144	0300-8542842	
7.	Superintending Engineer Haveli	Multan	061-9200136	0300-8634747	Office of

	Canal Circle Multan.				Superintending Engineer, Haveli Circle, old BWP road Multan.
8.	Deputy Commissioner	Multan	061-9200042/43 Fax# 061-9200725	061-9200049	District Court Multan.
9.	Deputy Commissioner	Khanewal	065- 9200032 Fax# 065-9200033	061-9200031	District Courts Khanewal
10.	Flood center 531-2353- Major Qazi Saleem	Multan	061-5312353	061-5312354	
11.	H/Q Engineer 2-Crops Multan Cantt Multan.	Multan	061-5312360	061-5312362	Multan.
12.	313 Assault Engineer Battalion Multan Cantt.	Multan	061-5315188	061-5315189	Multan.
13.	Haveli Telegraph Office/Emergency flood center.	Multan	061-9200922	-	Old BWP road Multan near Chief Engineer Office.
14.	Town Administrator	Kabirwala	065-2411192	065-585500	Municipal Committee Kabirwala
15.	Town Administrator	Bosan Town	061-9201030	061-4595111	Near M.D.A. Chwok Multan
16.	Town Administrator	Sher Shah Town	061-9200344	-	Near M.D.A. Chwok Multan
17.	Town Administrator	Musa Pak Town	061-9201448	-	Mumtazabad Multan
18.	Town Administrator	Shah Rukne Alam Town	061-9200345	-	Near M.D.A. Chwok Multan
19.	Tehsil Municipal officer	Kabirwala	065-2411587	-	Municipal Committee Kabirwala
20.	Tehsil Municipal officer	Khanewal	065-2556001	-	Municipal Committee Khanewal
21.	Tehsil Municipal officer	Shujabad	061-4396670/ 396715	-	Municipal Committee Shujabad
22.	Tehsil Municipal officer	Jalal pur Pirwala	061-4210334	-	Municipal Committee Jalalpur Pirwala
23.	Tehsil Municipal officer	Sher Shah Town	061-9200777	-	Near M.D.A. Chwok Multan
24.	Tehsil Municipal officer	Musa Pak Town	061-9201446	-	Mumtazabad Multan
25.	Tehsil Municipal officer	Bosan Town	061-9200056	-	Near M.D.A. Chwok Multan
26.	Tehsil Municipal officer	Shah Rukne Alam Town	061-9200685	-	Near M.D.A. Chwok Multan
27.	District Police officer	Multan	061-9200437	-	Near S.P. Chowk Multan
28.	District Police officer	Khanewal	065-9200175	-	District Court, Khanewal
29.	Deputy Police officer	Shujabad	0614-396503	-	Thana Chowk Shujabad

30.	Deputy Police officer	Jalapur Pirwala	0614-210235 0614-210020	-	Khan Bela Road, Jalapur Pirwala
31.	Office of Chief Engineer (D&F)	Flood Emergency cell	0429-9230602 Fax # 042-35862081	0300-4877257	Canal Bank Ferozpur Road, Lahore
32.	General Staff Officer Grade-2 (Operation & Planning) Lahore Cantt.	Lahore	042-66992360	-	-
33.	Rescue Operation (Internal Security) (Flood Relief Operation) Responsibility 5-Brigade 51-Lancers Duty Clerk	Shujabad Jalapur Pirwala	NR 531-5120 NR 531-4304  NC 531.4306	531.4305	-
34.	District Officer Revenue, Khanewal	Khanewal.	065-9200069	-	-
35.	Deputy District Officer / AC Revenue	Khanewal	065-9200242	-	-
36.	Deputy District Officer / AC Revenue,	Kabirwala	065-2410611	-	Tehsil Office, Kabirwala
37.	District Officer Revenue, Multan	Multan	061-9200073	0301-7933019	District Court, Multan
38.	Deputy District Officer / AC Revenue, City Multan.	Multan	061-9200089	-	District Court, Multan
39.	Deputy District Officer / AC Revenue, Sadar Multan	Muttan	061-9200784	-	District Court, Multan
40.	Deputy District Officer / AC Revenue	Jalapur Pirwala	0614-210232	0321-4250313	Tehsil Office, Jalapur Pirwala
41.	Deputy District Officer / AC Revenue	Shujabad	061-4396480	0300-6355859	Thana Chowk Shujabad
42.	Flood Section Irrigation Secretariat, Lahore	Lahore	0429-9212134 0429-6857141 Fax 0429-9012132	-	Old Anarkali, Lahore
43.	Incharge Police Wireless Set Multan. Police Control Call Sign	Rouf Control	15	-	Police Line, Multan
44.	Forecasting Deptt:		061-9200763 531-2016	-	Cant: Multan
45.	Radio Pakistan Security Incharge		061-9200795 061-9200221	-	Near S.P. Chowk, Multan
46.	PTV. News		061-9220227	-	Old Shujabad Road, Multan
47.	Executive Engineer, WAPDA, Cantt.		061-551226 061-9200520	-	Sher Shah Road, Multan
48.	Executive Engineer, WAPDA, City.		061-553348 061-9200518	065-932-552065	Khanewal Road, Multan
49.	Chief Engineer D&F Lahore.		042-99230602 Fax 042-35862081	-	Government Engineering Academy Thokar Niaz Baig
50.	Director Flood & Flood		042-99231614	-	

	warning Centre				Lahore.
51.	Major 51- Lancers Multan Cantt incharge Flood Monitoring Unit.		061-531-5120	-	Multan Cantt:
52.	Major 53-Cavellary Multan.		061-531-5112	-	Multan Cantt:

## **CHAPTER -11**

### **STANDARD OPERATING PROCEDURE (SOP) FOR BREACHING SECTIONS**

#### **History of the Breaching section**

There are two breaching sections:

- i- Railway Flood Bund near Sher Shah Bridge which is being maintained by Irrigation Department.
- ii- Head Muhammad Wala approach road maintained by National Highway Authority.

Location ,Design ,Quantity, and Varity of the explosive required for detonation

#### **STATUS OF EXPLOSIVE /ACCESSORIES**

<b>Sr. No.</b>	<b>Name of Explosive</b>	<b>A/U</b>	<b>Quantity Required</b>	<b>Quantity Available</b>	<b>Deficient Quantity</b>	<b>Total</b>	<b>Outstandi ng Dues if any</b>
1	Wabox / Eulite (PE-3A)	Kgs	14740	8800	5950	14740	-
2	Wabocord	M	1000	1000	0	1000	-
3	Safety Fuze No.11	"	150	250	-100	250	-
4	Det No.8,27,&33 (Elec/ Non Elect/Plain)	Nos	60	36	0	60	-
5	Det No.8 Elec	Nos	0	23	-23	23	-
6	Elect Det No.6 (MS 25 Delay) / Det 25 Micro Sec	"	16	16	0	16	-
7	Det MS Elect Delay	"	6	6	0	6	-
8	Firing Cable	M	1000	1000	0	1000	-
9	Primer CE	Nos	500	560	-60	560	-

Pak Army is responsible for explosive material.

#### **11.3 Arrangement of explosives and security of explosive stores**

Kept under safe custody of Pakistan Army.

#### **11.4 List of Security staff alongwith detail of their training etc.**

Security staff done through Pakistan Army.

#### **11.5 *Detail of mechanical means as a standby arrangements in case of detonation failure***

Machinery including excavator 3 Nos. dozer 1 No. would be placed at site of Breaching Section along with 15 No. of establishment during operation of Breaching Section.

**11.6 Duty Roster in case of critical situation**

As above chapter No.9

**11.7 Breaching committee with their action plan**

**(A) BREACHING OPERATION COMMITTEE. (Sher Shah Breaching Section)**

Breaching section shall be operated on the orders of the following committee constituted by Government of the Punjab Irrigation Department vide notification No.SO(FLOODS) VI-33-97 dated 15.07.2015.

- |    |  |            |
|----|--|------------|
| 1- | Deputy Commissioner , Multan                                     | = Convener |
| 2- | Deputy Commissioner, Muzaffar garh                               | = Member   |
| 3- | Executive Engineer, Shujabad Canal Division, Multan              | = Member   |
| 4- | Executive Engineer, Highway Department (C&W), Multan             | = Member   |
| 5- | Representative from Pak Army not below the rank of a Lt. Colonel | Member     |

**11.8 List of the villages likely to be inundated in case of breach.**

**i) LIST OF VILLAGES LIKELY TO BE IN-UNDATED DURING FLOOD.**

S.NO.	DISTRICT MULTAN.	S.NO.	DISTRICT KHANEWAL.
1	Nawabpur	1	Binda Sargna.
2	Bakir Abad	2	Chiragh Bela
3	Jalalabad.	3	Choki Mohan
4	Rana Wahin	4	Salar Wahin Nau
5	Akbar Pur	5	Chak Mani
6	Jalalpur Khakhi	6	Chiragh Wali

**ii) LIST OF VILLAGES LIKELY TO BE IN-UNDATED DURING VERY HIGH FLOOD.**

S.NO.	DISTRICT MULTAN.	S.NO.	DISTRICT KHANEWAL.
1	Khor Sajra Wahin	1	Gagra Qalandar
2	Bargain	2	Ahar Bela
3	Bait Qaiser	3	Binda Sargana.
4	Karmon Wali.	4	Chiragh Wali.
5	Almadi sura	5	Salar Wahin Kona
6	Jhangi	6	Jamal-ke-charbi
7	Wacha Sandila	7	Mumdal Gharbi
8	Lakshmi Narain	8	Muhammad Pur Nashaib.

**LIST OF VILLAGES LIKELY TO BE IN-UNDATED DURING**

**iii) EXCEPTIONALLY HIGH FLOOD.**

<b>S.NO.</b>	<b>DISTRICT MULTAN.</b>	<b>S.NO.</b>	<b>DISTRICT KHANEWAL.</b>
1	Nawabpur	1	Binda Sargana
2	Al Madi Sura	2	Chiragh Bela
3	Akbar Pur	3	Salar Wahin
4	Khanpur	4	Jamal-ke-Garbi
5	Sohman	5	Chiragh Wali
6	Wains	6	Muhammad Pur Nashaib
7	Choti Sharif	7	Salar Wahin Nau
8	Baqir Abad.	8	Ahar Bela
9	Lutaf Abad.	9	Mumdal Gharbi
10	Binda Sandila		
11	Lakshmi Narain		
12	Chak Mani		
13	Mochi Pura		
14	Mahra		
15	Agar Afani.		
16	Tahir Pur		
17	Rana Wahin.		

**LIST OF VILLAGES TO BE MAROONED AS A CONSEQUENCE OF ACTIVATION OF BREACHING SECTION.**

<b>S.NO.</b>	<b>DISTRICT MULTAN.</b>
1	Sultan Pur Hammar
2	Kachoor
3	Jai
4	Gagra
5	Khan Pur Qazi.

**11.9 *Announcement and detail of evacuation arrangements***

Deputy Commissioner, Multan performs the announcement and he is responsible for evacuation arrangements.

**11.10 *Details of coordination with Civil/Army authorities.***

During flood, several Civil Departments and agencies as well as Army authorities Coordinate with Irrigation Department in the jurisdiction of Shujabad Canal Division. Pre-Flood Joint visits of flood infrastructures are arranged with Army authorities. To Combat with flood situations, meeting are arranged with the following authorities.

- a. The Divisional Superintendent Railway, Multan.
- b. The Chief Engineer, Irrigation Multan Zone, Multan.
- c. The Deputy Commissioner, Multan.
- d. The Chief Engineer, Irrigation D.G.Khan Zone, D.G.Khan.
- e. The Deputy Commissioner, Muzaffargarh.
- f. Representative of WAPDA.

- g. Superintending Engineer, Highway Multan.
- h. Representative of National Highway Authority.
- i. The Commander, Engineer 2-Crops, Multan.
- j. The Executive District Officer, Health Multan.

**(B) BREACH OPERATION  
COMMITTEE.(Head Muhammad  
Wala Breaching Section)**

- Deputy Commissioner Representative of DC Multan = Convener
- CO 313 Assault Engineering Battalion Multan = Member
- Deputy Director (Maintenance) NHA Multan = Member
- Executive Engineer, Shujabad Canal Division, Multan = Member
- Executive Engineer, Highway C&W Department Multan = Member

**11.11 Parallel communication arrangements**

In Shujabad Canal Division communication arrangement about flood run parallel at different forums / departments. Pakistan Meteorological Department Displays the forecast flood situation on its website. Punjab Disaster Management Authority, PDMA warns about flood in anticipation. Signaling system of Irrigation Department Army authorities, Police Department as well as print and electronic media play important roll in commination arragements.

## CHAPTER-12

### Vulnerable sites on flood Bund /Structures:

#### 12.1 Apprehended breaches in flood bunds/structures:

Following Flood Bunds can be overtopped due to heading up process created by construction of approach road of bridge Muhammad Wala which is up to about approximately 8.38 Ft then top of bank level.

Sr. No.	Description	Vulnerable Reach
1	Akbar Flood Bund	RD. 6+300-11+000
2	Nawabpur Flood Bund	RD. 9+000-17+000

#### 12.2 Operation of Breaching sections:

The Breaching section of Head Muhammad Wala was approved vide Secretary Irrigation Department letter No.SO(Flood)vi-33/97 dated 15.07.2015 on left approaching road of the bridge in front of the deep river creek plugged by the road embankment when the Critical gauge achieved as RL 417.50.

Year	Head Muhammad Wala	Through Relief Cut	Sher Shah Railway	Through Relief Cut
1992	-	-	982027	205000
2014	626006	85000	626006	55000

12.3 Breaches due to rise of flood water, deterioration of flood bunds etc:  
Sher Shah Railway Route plans attached at Pages

Sr. No.	Name of Flood Bund	Reach		Page No.
		From RD	To RD	
1	Sher Shah Railway flood bund	11+000	12+000	

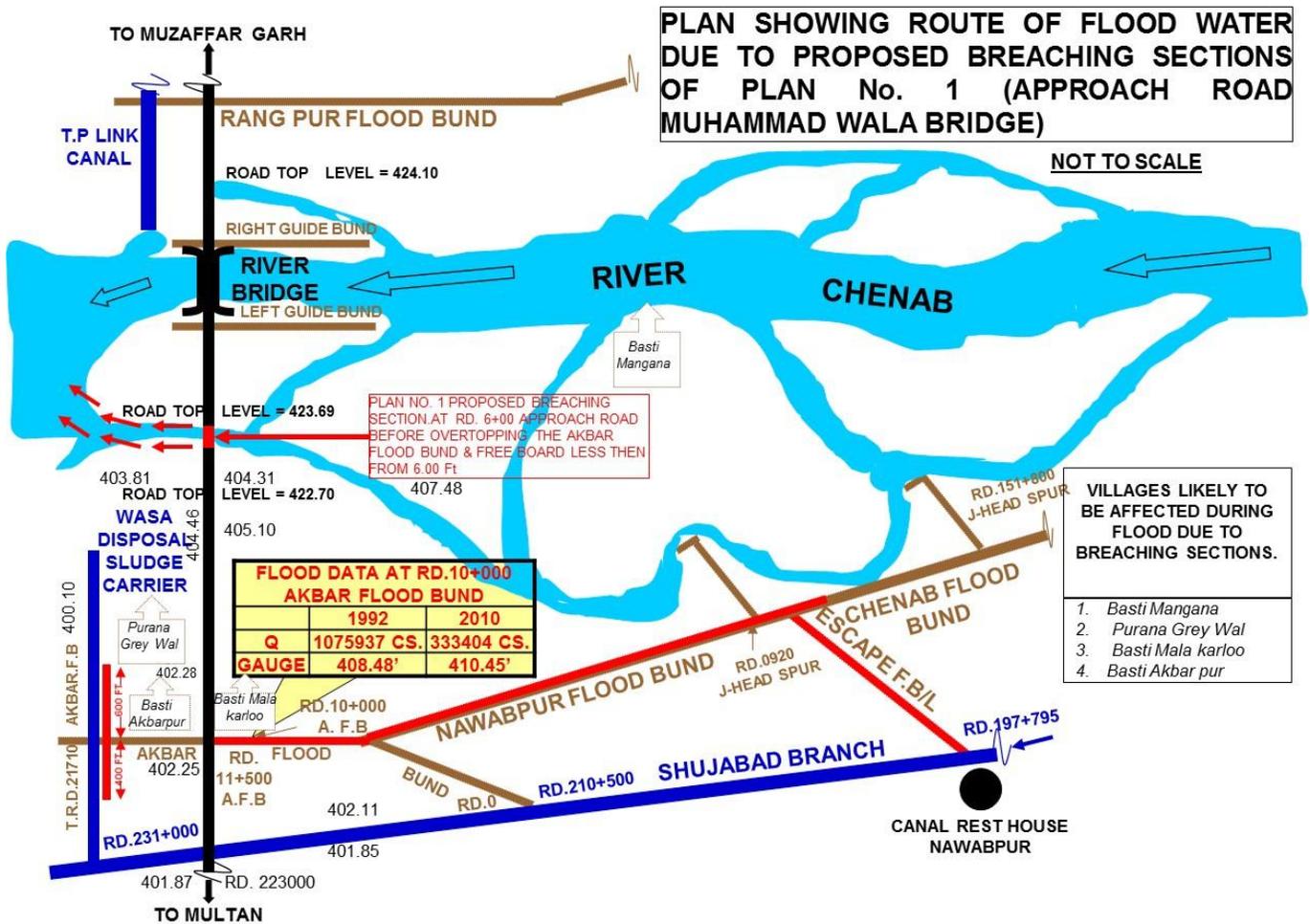
# CHAPTER-13

**Emergency contingency Plan for vulnerable site (sites) listed above. Emergency Contingency Plan Must include:-  
Emergency contingency plan No.1**

## **PLAN NO 1 RD. 6300-11500 OF AKBAR FLOOD BUND APPROACH ROAD OF MUHAMMAD WALA BRIDGE**

13.1 Plan showing route of flood water coming out of the breach supported with levels

### **PLAN ATTACHED**



**13.2 Detail of villages abbadeies likely to be affected and this should also be shown on the plan.**

- 1 Basti Mangana
- 2 Purana Grey Wal
- 3 Basti Mala karloo
- 4 Basti Akbar pur

**13.3 Strategy and action taken be explained in detail. This may include:**

Special watching will be exercised during flood season and strengthening of the site will be ensured before coming flood.

**13.3.1 Arrangement**

Special watching of flood infrastructure will be exercised during flood season. Strengthening / Repairing of flood bunds will be made before flood. All flood restoration works will be completed well before flood. Flood camps will be established at Significant sites. Flood fighting material will be made ready to fight with the flood. Machinery will be made available through private sources. The reserve Stock of Stone to the minimum required limit is available at site. Any other arrangement to meet the urgency of flood situation.

**13.3.2 Establishment of flood fighting camps**

Detail of Flood fighting camp attached Chapter No.14.

**13.3.3 Duties of officers/ officials and their camp site.**

Detail of Flood fighting camp attached Chapter No.14.

Sr. No.	Camp No.	Location	Officer name designation / Mobile No.	Official Name designation Mobile No.
1	2	3	4	5
1	Camp No.1	RD:10+000 of Chenab Flood Bund	Ghazanfar Iqbal Javid/ Sub Divisional Officer/ 0300-7389535	Taswar Iqbal/ Sub Engineer/ (0300-7381764)
2	Camp No.2	RD:87+000 at Chenab Flood Bund	----do----	Rai Nasir Ali/ Sub Engineer/ (0301-7458049)
3	Camp No.3	Chenab Flood Bund RD:151+800	Rasheed Baig/ Sub Divisional Officer/ 0300-6387148	Zaffar Iqbal/ Sub Engineer/ (0301-6821818)
		RD:11+350 Akbar flood bund	----do----	----do----

4	Camp No.4	RD:252+000 Shujabad Branch	----do----	Sajjad Siddique/ Sub Engineer/ (0300-7803776)
		RD:6 to 7 Sher Shah Flood Bund	----do----	----do----
		RD:19-20 Sher Shah Flood Bund Breaching Section	----do----	----do----
5	Camp No.5	RD.42200 Nagni Flood Bund	Moshin Nazir/ Sub Divisional Officer/ 0300-0786118	Muhammad Bilal/ Sub Engineer Gajju Hatta/ (0304-5371437)
6	Camp No.6	RD.21+000 of Dhundoo Flood Bund	----do----	Muhammad Sajid Bhatti/ Sub Engineer Shujabad/ (0300-7818374)
7	Camp No.7	RD.45 of Jalalpur Khakhi Flood Bund RD.23 Baloch Wah Flood Bund	----do----	Iftikhar Bhatti/ Sub Engineer Panjani/ (0300-6383404)

#### **13.3.4 Departmental Machinery available.**

- 1- Placement of sand filling machine.
- 2- Excavator
- 3- Front Blade Tractor
- 4- Tractor Trolley
- 5- Dozers.

#### **13.3.5 Machinery available from private source**

*To be hired from Government Contractors.*

*Following Government contractors undertaking for provide Machinery in emergency during flood 2019.*

- 1- Ayub Construction Company.
- 2- Syed Nasir Hassan Shah
- 3- Muhammad Iqbal
- 4- Muhammad Arshad Arain.

## 13.3.6

## Flood fighting material required in flood camp

Sr. No	Item	Unit	Required Quantities
1	2	3	4
1	Gunny bags	No.	520
2	Balti	No.	211
3	Kassis with handles	No.	100
4	Toot Basket	No.	40
5	Axes	No.	30
6	Torch	No	50
7	Cell for Torch	Dozen	50
8	Hurricane Lamp	No.	40
9	Sootli	Lbs.	11
10	Tranger	No.	200
11	Needles	No.	17
12	Manila Rope ½` to 1`	Kg	150
13	Lar Mahl	No.	490
14	Water Cooler	No	6
15	Water Set	No	2
16	Plastic Chair set	Set	1
17	Steel Wire 10 No.	Kg	50
18	Bamboos 8` to 12`	No	200
19	Khaji Mats	No.	200
20	Plastic sand bags with plastic strips	No.	1000
21	Charpai	No.	4
22	Fan Pedestal	No.	2
23	Bulb, light Holder	No.	12-14
24	Generator	No.	1
25	Mat Plastic	No.	2
26	Crockery	Set	2

### 13.3.7 Flood fighting material Available

Sr. No	Item	Unit	Available Quantities
1	2	3	4
1	Gunny bags	No.	400
2	Balti	No.	150
3	Kassis with handles	No.	70
4	Toot Basket	No.	20
5	Axes	No.	12
6	Torch	No	12
7	Cell for Torch	Dozen	10
8	Hurricane Lamp	No.	30
9	Sootli	Lbs.	11
10	Tranger	No.	200
11	Needles	No.	17
12	Manila Rope ½` to 1`	Kg	50
13	Lar Mahl	No.	300
14	Water Cooler	No	6
15	Water Set	No	1
16	Plastic Chair set	Set	1
17	Steel Wire 10 No.	Kg	50
18	Bamboos 8` to 12`	No	200

**Note:**

It is certified that the above mentioned short material will be purchased before start of flood season 2019.

### 13.4. Detail of other information like electric sui gas telephone installation, road network, other building , canal and drainage network.

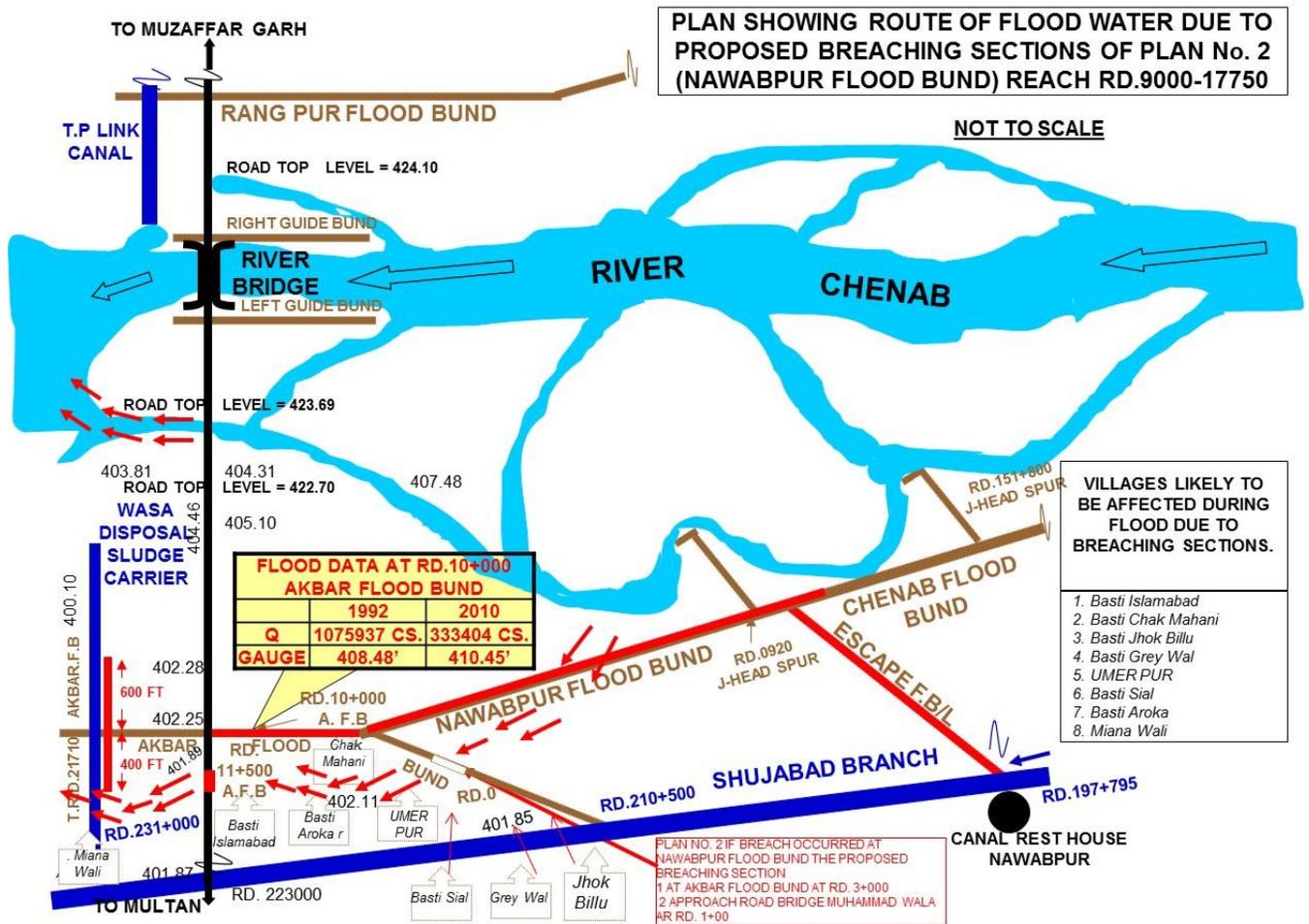
1. Approach Road to Bridge Muhammad Wala.
2. Electric Supply Lines.
3. Sui gas = Nil.

**CHAPTER-13**  
**Emergency contingency Plan for vulnerable sites.**  
 Emergency contingency plan No.2

**PLAN NO 2**  
**RD. 9000-17750 OF NAWABPUR FLOOD BUND**

13.1 Plan showing route of flood water coming out of the breach supported with levels

**PLAN ATTACHED**



**13.2 Detail of villages abbadeis likely to be affected and this should also be shown on the plan.**

1. Basti Islamabad
2. Basti Chak Mahani
3. Basti Jhok Billu
4. Basti Grey Wal
5. UMER PUR
6. Basti Sial
7. Basti Aroka
8. Miana Wali

**13.3 Strategy and action taken be explained in detail. This may include:**

The following arrangements /strategy will be adopted.

**13.3.1 Arrangement**

Special watching of flood infrastructure will be exercised during flood season. Strengthening / Repairing of flood bunds will be made before flood. All flood restoration works will be completed well before flood. Flood camps will be established at Significant sites. Flood fighting material will be made ready to fight with the flood. Machinery will be made available through private sources. The reserve Stock of Stone to the minimum required limit is available at site. Any other arrangement to meet the urgency of flood situation.

**13.3.2 Establishment of flood fighting camps**

Detail given on Chapter No.14.

**13.3.3 Duties of officers/officials and their camp sites**

Detail given on Chapter No.14.

Sub Engineer	=	01 No. Incharge
Beldar	=	32 -50Nos (Depend on relevancy)
Chowkidar	=	04 Nos. (in 2 Shifts)

**13.3.4 Departmental Machinery available.**

Not Available

But would be hired by private sources as well as Government Machinery on availability before any alarming situation Machinery include as under:-

- 1- Excavator
- 2- Front Blade Tractor
- 3- Tractor Trolley

- 4- Dozers.

### 13.3.5 Machinery available from private source

To be hired from Government Contractors.

Following Government contractors undertaking for provide Machinery in emergency during flood 2019.

- 1- Ayub Construction Company.
- 2- Syed Nasir Hassan Shah
- 3- Muhammad Iqbal
- 4- Muhammad Arshad Arain.

### 13.3.6 Flood fighting material required

Sr. No	Item	Unit	Required Quantities
1	2	3	4
1	Gunny bags	No.	520
2	Balti	No.	211
3	Kassis with handles	No.	92
4	Toot Basket	No.	26
5	Axes	No.	12
6	Torch	No	4
7	Cell for Torch	Dozen	8
8	Hurricane Lamp	No.	40
9	Sootli	Lbs.	11
10	Tranger	Roll.	4
11	Needles	No.	17
12	Lar Mahl	No.	490
13	Water Cooler	No.	1
14	Water Set	No.	1

### 13.3.7 Flood fighting material Available

Sr. No	Item	Unit	Available Quantities
1	2	3	4
1	Gunny bags	No.	300
2	Balti	No.	100
3	Kassis with handles	No.	50
4	Toot Basket	No.	20
5	Axes	No.	12
6	Torch	No	4
7	Cell for Torch	Dozen	8
8	Hurricane Lamp	No.	30
9	Sootli	Lbs.	11
10	Tranger	Roll.	4
11	Needles	No.	17
12	Lar Mahl	No.	300
13	Water Cooler	No	1
14	Water Set	No	1

**Note:**

It is certified that the above mentioned short material will be purchased before start of flood season 2019.

### 13.4. Detail of other information like electric sui gas telephone installation, road network, other building , canal and drainage network.

1. Approach road to Bridge Muhammad Wala.
2. Electric transmission line.
3. Pipe line of Sui gas = Nil

**CHAPTER-13**  
**Emergency contingency Plan for vulnerable sites.**  
**Emergency contingency plan No.2**

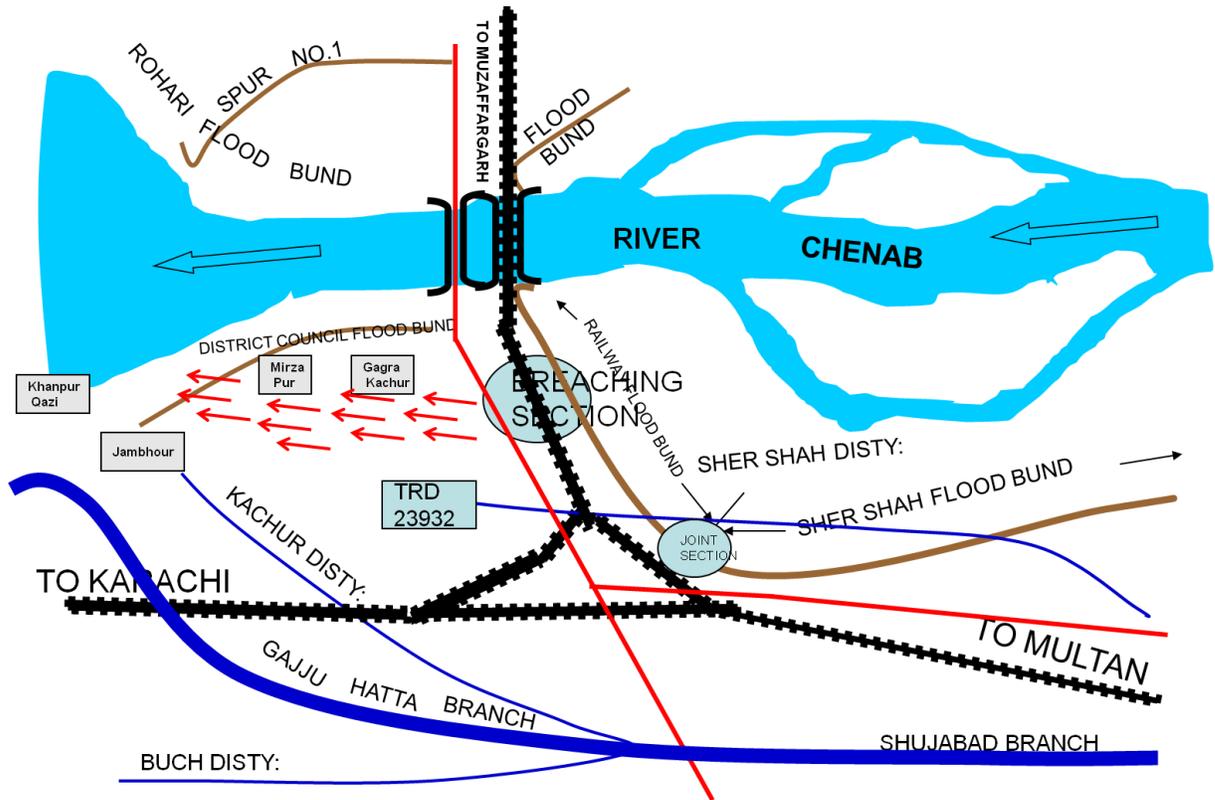
**PLAN NO.3**

**RD. 11+000 - 12000 OF SHER SHAH RAILWAY FLOOD BUND**

13.1 Plan showing route of flood water coming out of the breach supported with levels

**PLAN ATTACHED**

**Breaching Section at Sher Shah Railway Flood Bund**



13.2 Detail of villages abbadeis likely to be affected and this should also be shown on the plan.

1. Gagra kachoor
2. Mirza Pur
3. Jambhour
4. Khan pur Qazi

### **13.3 Strategy and action taken be explained in detail. This may include:**

The following arrangements /strategy will be adopted.

#### **13.3.1 Arrangement**

*Special watching of flood infrastructure will be exercised during flood season. Strengthening / Repairing of flood bunds will be made before flood. All flood restoration works will be completed well before flood. Flood camps will be established at Significant sites. Flood fighting material will be made ready to fight with the flood. Machinery will be made available through private sources. The reserve Stock of Stone to the minimum required limit is available at site. Any other arrangement to meet the urgency of flood situation.*

#### **13.3.2 Establishment of flood fighting camps**

Flood fighting camps would be placed at designated vulnerable sites.

#### **13.3.3 Duties of officers/officials and their camp sites**

Sub Engineer	=	01 No. Incharge
Beldar	=	32 -50Nos (Depend on relevancy)
Chowkidar	=	04 Nos. (in 2 Shifts)

#### **13.3.4 Departmental Machinery available.**

Not Available

But would be hired by private sources as well as Government Machinery on availability before any alarming situation Machinery include as under:-

- 1- *Excavator*
- 2- *Front Blade Tractor*
- 3- *Tractor Trolley*
- 4- *Dozers.*

#### **13.3.5 Machinery available from private source**

*To be hired from Government Contractors.*

*Following Government contractors undertaking for provide Machinery in emergency during flood 2019.*

- 1- *Ayub Construction Company.*
- 2- *Syed Nasir Hassan Shah*
- 3- *Muhammad Iqbal*
- 4- *Muhammad Arshad Arain.*

**13.3.6*****Flood fighting material required***

<b>Sr. No</b>	<b>Item</b>	<b>Unit</b>	<b>Required Quantities</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Gunny bags	No.	520
2	Balti	No.	211
3	Kassis with handles	No.	92
4	Toot Basket	No.	26
5	Axes	No.	12
6	Torch	No	4
7	Cell for Torch	Dozen	8
8	Hurricane Lamp	No.	40
9	Sootli	Lbs.	11
10	Tranger	Roll.	4
11	Needles	No.	17
12	Lar Mahl	No.	490
13	Water Cooler	No.	1
14	Water Set	No.	1

### 13.3.7 Flood fighting material Available

<b>Sr. No</b>	<b>Item</b>	<b>Unit</b>	<b>Available Quantities</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Gunny bags	No.	300
2	Balti	No.	100
3	Kassis with handles	No.	50
4	Toot Basket	No.	20
5	Axes	No.	12
6	Torch	No	4
7	Cell for Torch	Dozen	8
8	Hurricane Lamp	No.	30
9	Sootli	Lbs.	11
10	Tranger	Roll.	4
11	Needles	No.	17
12	Lar Mahl	No.	300
13	Water Cooler	No	1
14	Water Set	No	1

**Note:**

It is certified that the above mentioned short material will be purchased before start of flood season 2019.

### 13.4. Detail of other information like electric sui gas telephone installation, road network, other building , canal and drainage network.

1. Approach Multan to Muzaffargarh road
2. Electric transmission line.
3. Pipe line of Sui gas = Nil

## CHAPTER-14

### Action Plan.

#### 14.1 Re-shuffling/ Recouping plan of reserve stone departmentally

### STATUS OF RESERVE STOCK OF STONE IN THE VULNERABLE LOCATION/FLOOD PROTECTION STRUCTURE

Sr. No.	Name of Intervention	Sanctioned Reserve Stock of Stone Limit	Reserve Stock Available at Site	Balance Reserve Stock Required
1	2	3	4	5
1	Guide Bank Spur No. 1 RD: 0920 Nawabpur Flood Bund	2.00 Lac (Cft)	2.00 Lac (Cft)	-
2	J-Head Spur No. 2 RD: 14400 Akbar Flood Bund	1.00 Lac (Cft)	0.72 Lac (Cft)	0.28 Lac (Cft)
3	J-Head Spur No. 3 RD: 248000 Shujabad Branch	1.00 Lac (Cft)	0.96 Lac (Cft)	0.04 (Cft)
4	J-Head Spur No. 4 RD: 263000 Shujabad Branch	1.00 Lac (Cft)	0.82 Lac (Cft)	0.18 Lac (Cft)
5	5 No. Slopping Spurs	1.00 Lac (Cft)	2.15 Lac (Cft)	0.15 Lac (Cft)
6	13 Nos. Stone Studs.	1.00 Lac (Cft)		
7	Spur No. 3 B RD 252000 Shujabad Branch	1.00 Lac (Cft)	0.53 Lac (Cft)	0.47 Lac (Cft)
8	J-Head Spur at RD: 42200 N.F. Bund	1.00 Lac (Cft)	1.00 Lac (Cft)	-
9	Mole Head Spur at RD: 45700 N.F. Bund	1.00 Lac (Cft)	1.00 Cft	-
10	Sloping Spur RD 10000 at Balouchwah Flood Bund	0.50 Lac (Cft)	0.47 Cft	0.03 Lac (Cft)
11	Chenab Flood Bund RD: 21-26	0.15 Lac (Cft)	-	-
12	Chenab Flood Bund RD: 28-33 Sardarpur	0.15 Lac (Cft)	0.046 Lac (Cft)	0.40 Lac (Cft)
13	Chenab Flood Bund RD: 47-50 Sardarpur	0.15 Lac (Cft)	-	-
14	Chenab Flood Bund RD: 61-63 Binda	0.15 Lac (Cft)	-	-
15	Chenab Flood Bund RD: 80-96 Binda	0.15 Lac (Cft)	0.39 Lac (Cft)	0.06 Lac (Cft)
16	Chenab Flood Bund RD: 96-110 Binda	0.15 Lac (Cft)		
17	Chenab Flood Bund RD: 113-117 Bosan	0.15 Lac (Cft)		
18	Chenab Flood Bund RD: 118-129 Bosan	0.15 Lac (Cft)	0.31 Lac (Cft)	0.14 Lac (Cft)
19	Chenab Flood Bund RD: 131-140 Bosan	0.15 Lac (Cft)		
<b>Total</b>		<b>11.85 Lac (Cft)</b>	<b>10.396 Lac (Cft)</b>	<b>1.45 Lac (Cft)</b>
<b>Note:- Percentage of available Reserve Stock of Stone = 88%</b>				

**Note:-**

➤ Sufficient Reserve Stock of Stone is available at different sites.

**14.2 Detail of inlet/ outlet crossing along with closing methodology**

Sr. No.	Name of Bund	Spur	Name of Structure with Location RD:	Location of Crossing RD:
<b>Binda Canal Sub Division</b>				
1	Chenab Flood Bund	-	Shah Din Disty 7470/R	14-15
2	"	-	Shah Din Disty 9183/R	16-17
3	"	-	Shah Din Disty 14461/R	21-22
4	"	-	Shah Din Disty 21040/R	24-25
5	"	-	Shah Din Disty 26338/R	32-33
6	"	-	Shah Din Disty 29200/R	35-36
7	"	-	Tail Shah Din Disty 63015	79000
8	"	-	"	82500
9	"	-	6938/R Inayatpur Disty	86500
<b>Ilampur Canal Sub Division</b>				
10	Akbar Flood Bund	-	Akbar Minor 6080/R	6080
11	"	-	6600/R	6600
12	"	-	8350/R	8350
13	"	-	12410/R	12410
14	"	-	17000/R	17000
15	Sher Shah Flood Bund	-	1090/L	1090
16	"	-	6850/L	6850
17	"	-	11828/L	11828
18	"	-	15780/L	15780
<b>Shujabad Canal Sub Division</b>				
19	Nagni Flood Bund	-	Bakhtu Wah Disty 1000/R	1000
20	"	-	11142/R	11143
21	"	-	14238/R	14238
22	"	-	33350/R	33350
23	"	-	40000/R	40000
24	"	-	50943/R	50943
25	Gardez Flood Bund	-	Gardez Minor 16338/R	1-2
26	"	-	Sat burji Disty RD.52377/R	13-14
27	Sat Burji Flood Bund	-	54000/R	0
28	"	-	56400/R	3-4
29	"	-	Tubewell Water Course crossing RD.57-58/R	7-8
30	"	-	60000/R	5-6
31	"	-	66300/R	11-12
32	"	-	57-58/R	7-8
33	Baloch Wah Flood Bund	-	Baloch Wah Minor 4260/R	4260
34	"	-	Baloch Wah Minor 16200/R	16200
35	"	-	Baloch Wah Minor 19090/R	19090
36	"	-	Baloch Wah Minor 21930/R	21930
37	"	-	Baloch Wah Minor 24100/R	24100
38	"	-	Baloch Wah Minor 28440/R	28440
39	"	-	Baloch Wah Minor 34300/T.R	34300
40	Tie Flood Bund	-	Panjani Disty 134500/R	3500
41	"	-	Panjani Disty 13700/R	5300

## Methodology:-

After receipt of warning of flood, each crossing will be closed through gunny bags or any alteration method which consider to necessary well in time and certificate of closing will be taken from Sub Engineer and Sub Divisional Officer concerned.

### 14.3 Deployment Machinery (Medium to high flood)

Sr. No.	Name of Structure	Length/ Width	Vulnerable Reach	Camp Location	Site Incharge by name & Cell No.	Machinery Deployed					Availability of Stone Cft	
						Excavator	Dozers	Trolleys / Dumpers	Tractor with front blade	Labour Beldar + Mate		
1	2	3	4	5	6	7	8	9	10	11	12	
<b>SHUJABAD CANAL DIVISION, MULTAN</b>												
1	Fazil Shah flood bund RD 0-10500	2.10	RD 3-6 Chenab Flood Bund	RD 10+000 of Chenab Flood Bund	Sub Engineer Sardarpar Tasawar Iqbal (0300-7381764)	2	1	12	2	40+3	74600 (RD 21000- 129000 Chenab Flood Bund)	
2	Chenab flood bund RD 0-20+000	4.00										
<b>Total length</b>		<b>6.10</b>										
2	Chenab flood bund RD 20+000-140+000	24.00	RD 50-52 & 87-98 of Chenab Flood Bund	RD 87+000 of Chenab Flood Bund	Sub Engineer Binda Rai Nasir Ali (0301-7458049)	3	1	18	3	50+5		
i	Including 34 No. Cross Spurs	2.00										
ii	J-Head Spur at RD 10+000											
iii	Mole Head Spur at RD 55+000											
<b>Total length</b>		<b>26.00</b>										
1	Chenab Flood Bund RD 140-157+950	3.59	RD 150-155 RD 155-157 Chenab Flood Bund RD 0-5000 Nawabpur Flood Bund RD 6-11 Akbar Flood	Chenab Flood Bund RD 151+800 RD 11+350 Akbar Flood Bund	Sub Engineer Nawabpur Zaffar Iqbal (0301-6821818)	5	1	30	4	80+8		410000(Spur RD 0920 Nawabpur Flood Bund RD 155000- 157000 Chenab Flood Bund)
2	Escape Flood Bund RD 0-8+000/L&R	3.20										
3	Nawabpur Flood Bund RD 0-17+950.	3.59										
4	Akbar Flood Bund RD 0-21+710	4.34										
<b>Total length</b>		<b>14.72</b>										
1	Right bank of Shujabad Branch RD 231+000-279+000.	9.60	RD 248-252 RD 270-279	1)RD 252 Shujabad Branch 2)RD 6-7 Sher Shah Flood Bund 3)RD 19-20 Sher Shah Flood Bund 4)Breaching Section	Sub Engineer Muzaffarbad Muhammad Sajad (0300-7803776)	2	-	14	2	40+4	230100 (J-Head Spur RD 14400 Akbar Flood Bund & J- Head Spur 248000, 263000&	
2	3 No J-Head Spur at RD 248,252,263					-	-	-	3	30+2		
3	Sher Shah Flood Bund RD 0-20+437	4.09				1	-	8	2	12+1		
4	Sher Shah Railway Flood Bund RD 0-15+100.					1	-	6	1	15+1		
5	Breaching Section Sher Shah Railway Flood Bund					2	1	-	2	20+2		
<b>Total length</b>		<b>13.69</b>										
1	Right bank of Gaju Hattia Branch RD 17-35	3.60	RD 42-47 Nagni Flood Bund	RD 42200 Nagni Flood Bund	Sub Engineer Gaju Hattia Muhammad Bilal (0304-5371437)	2	-	10	2	28+3	183294 (J-Head Spur RD 42200 & Mole Head Spur RD 45700 Nagni Flood Bund)	
2	Nagni Flood Bund RD 0-51+000	10.20										
<b>Total length</b>		<b>13.80</b>										
1	Dhundoo Flood Bund RD 0-26+500	5.30	RD 16-26 of Dhundoo Flood Bund RD 7-11	RD 21+000 of Dhundoo Flood Bund	Sub Engineer Shujabad Muhammad Sajid Bhatti (0300-7818374)	2	-	10	2	24+4	183294 (J-Head Spur RD 42200 & Mole Head Spur RD 45700 Nagni Flood Bund)	
2	Gardez Flood Bund RD 0-15+750	3.15										
3	Satburji Flood Bund RD 54+000-72+000	3.60										
<b>Total length</b>		<b>12.05</b>										
1	Jalalpur Khakhi Flood Bund RD 0-60+000	12.00	Jalalpur Khakhi Flood Bund RD 10-18 RD 33-38 Balochwah Flood Bund	RD 45 of Jalalpur Khakhi Flood Bund RD 23 Baloch Wah Flood Bund	Sub Engineer Panjani Itikhar Bhatti (0300-6383404)	4	-	20	4	52+5	47269 (Sloping Spur RD 10000 Balochwah Flood Bund)	
2	Tie Flood Bund RD 0-8600	1.72										
3	Balochwah Flood Bund RD 0-62+130	12.43										
<b>Total length</b>		<b>26.15</b>										
<b>G-TOTAL</b>						<b>24</b>	<b>4</b>	<b>128</b>	<b>27</b>	<b>430</b>		

## 14.4 Deployment Machinery (High to very high flood)

Sr. No.	Name of Structure	Length/Width	Vulnerable Reach	Camp Location	Site Incharge by name & Cell No.	Machinery Deployed					Availability of Stone Cft		
						Excavator	Dozers	Trolleys / Dumpers	Tractor with front blade	Labour Beldar + Mate			
1	2	3	4	5	6	7	8	9	10	11	12		
<b>SHUJABAD CANAL DIVISION, MULTAN</b>													
1	Fazil Shah flood bund RD.0-10500	2.10	RD.3-6 Chenab Flood Bund	RD.10+000 of Chenab Flood Bund	Sub Engineer Sardarpur Tasawar Iqbal (0300-7381764)	2	1	16	2	40+4	74600 (RD.21000- 129000 Chenab Flood Bund)		
2	Chenab flood bund RD.0-20+000	4.00											
<b>Total length</b>		<b>6.10</b>											
2	Chenab flood bund RD.20+000-140+000	24.00	RD.50-52 & 87-98 of Chenab Flood Bund	RD.87+000 of Chenab Flood Bund	Sub Engineer Binda Rai Nasir Ali (0301-7458049))	3	1	20	3	50+5			
i	Including 34 No. Cross Spurs.												
ii	J-Head Spur at RD.10+000.	2.00											
iii	Mole Head Spur at RD.55+000												
<b>Total length</b>		<b>26.00</b>											
1	Chenab Flood Bund RD.140-157+950	3.59	RD.150-155 RD.155-157	Chenab Flood Bund RD.151+800 RD.11+350 Akbar Flood Bund	Sub Engineer Nawabpur Zaffar Iqbal (0301-6821818)	5	1	30	6	80+8		410000(Spur RD.0920 Nawabpur Flood Bund RD.155000-157000 Chenab Flood Bund)	
2	Escape Flood Bund RD.0-8+000/L&R	3.20	Chenab Flood Bund										
3	Nawabpur Flood Bund RD.0-17+950.	3.59	RD.0-5000 Nawabpur Flood Bund										
4	Akbar Flood Bund RD.0-21+710	4.34	RD.6-11 Akbar Flood										
<b>Total length</b>		<b>14.72</b>											
1	Right bank of Shujabad Branch RD.231+000-279+000.	9.60	RD.248-252 RD.270-279	1).RD.252 Shujabad Branch 2).RD.6-7 Sher Shah Flood Bund 3).RD.19-20 Sher Shah Flood Bund 4).Breaching Section	Sub Engineer Muzaffarbad Muhammad Sajjad (0300-7803776)	3	-	20	2	40+4			
2	3 No. J-Head Spur at RD.248,252,263												
3	Sher Shah Flood Bund RD.0-20+437	4.09											
4	Sher Shah Railway Flood Bund RD.0-15+100.												
5	Breaching Section Sher Shah Railway Flood Bund												
<b>Total length</b>		<b>13.69</b>											
1	Right bank of Gajju Hatta Branch RD.17-35	3.60	RD.42-47 Nagni Flood Bund	RD.42200 Nagni Flood Bund	Sub Engineer Gajju Hatta Muhammad Bilal (0304-5371437)	3	-	15	3	40+4	183294 (J-Head Spur RD.42200 & Mole Head Spur RD.45700 Nagni Flood Bund.		
2	Nagni Flood Bund RD.0-51+000	10.20											
<b>Total length</b>		<b>13.80</b>											
1	Dhundoo Flood Bund RD.0-26+500	5.30	RD.16-26 of Dhundoo Flood Bund RD.7-11	RD.21+000 of Dhundoo Flood Bund	Sub Engineer Shujabad Muhammad Sajid Bhatti (0300-8791121)	3	-	15	3	40+4	183294 (J-Head Spur RD.42200 & Mole Head Spur RD.45700 Nagni Flood Bund.		
2	Gardez Flood Bund RD.0-15+750	3.15											
3	Satburji Flood Bund RD.54+000-72+000	3.60											
<b>Total length</b>		<b>12.05</b>											
1	Jalalpur Khakhi Flood Bund RD.0-60+000	12.00	Jalalpur Khakhi Flood Bund	RD.45 of Jalalpur Khakhi Flood Bund RD.23 Baloch Wah Flood Bund	Sub Engineer Panjani Iftikhar Bhatti (0300-6383404)	5	-	25	4	60+6		47269 (Sloping Spur RD.10000 Balochwah Flood Bund)	
2	Tie Flood Bund RD.0-8600	1.72	RD.10-18 RD.33-38										
3	Balochwah Flood Bund RD.0-62+130	12.43	Balochwah Flood Bund										
<b>Total length</b>		<b>26.15</b>											
<b>G-TOTAL</b>						<b>29</b>	<b>4</b>	<b>157</b>	<b>31</b>	<b>473</b>			

## 14.5 Deployment Machinery (high to exceptionally high flood)

Sr. No.	Name of Structure	Length/Width	Vulnerable Reach	Camp Location	Site Incharge by name & Cell No.	Machinery Deployed					Availability of Stone Cft
						Excavator	Dozers	Trolleys / Dumpers	Tractor with front blade	Labour Beldar + Mate	
1	2	3	4	5	6	7	8	9	10	11	12
<b>SHUJABAD CANAL DIVISION, MULTAN</b>											
1	Fazil Shah flood bund RD.0-10500	2.10	RD.10 Chenab Flood Bund	RD.10+000 of Chenab Flood Bund	Sub Engineer Sardarpur Tasawar Iqbal (0300-7381764)	3	-	6	1	80	74600 (RD.21000-129000 Chenab Flood Bund)
2	Chenab flood bund RD.0-30+000	6.00	RD.3-6 & RD.20 Chenab Flood Bund	RD.28+000 of Chenab Flood Bund		3	-	6	1	60	
<b>Total length</b>		<b>8.10</b>									
3	Chenab flood bund RD.30+000-100+000	14.00	RD.50-52 & 87-98 of Chenab Flood Bund	RD.87+000	Sub Engineer Binda Rai Nasir Ali (0301-7458049)	2	-	8	2	90	
4	Chenab flood bund RD.100+000-140+000	8.00	RD.123 of Chenab Flood Bund	RD.123+000		2	-	8	2	51	
<b>Total length</b>		<b>22.00</b>									
1	Chenab Flood Bund RD.140-157+950	3.59	RD.150-155 RD.155-157	Chenab Flood Bund RD.151+800	Sub Engineer Nawabpur Zaffar Iqbal (0301-6821818)	2	-	8	2	42+3	444000(Spur RD.0920 Nawabpur Flood Bund RD.155000-157000 Chenab Flood Bund, J-Head Spur RD.14400 Akbar Flood Bund)
2	Escape Flood Bund RD.0-8+000/L&R	3.20	Chenab Flood Bund								
<b>Total length</b>		<b>6.79</b>									
3	Nawabpur Flood Bund RD.0-17+950.	3.59	RD.0-5000 Nawabpur Flood Bund	RD.11+350 Akbar Flood Bund		2	1	8	2	48+3	
4	Akbar Flood Bund RD.0-21+710	4.34	RD.6-11 Akbar Flood Bund								
<b>Total length</b>		<b>7.93</b>									
5	1st Defence Line of Shujabad Branch RD.231+000-279+000.	9.60	RD.248-252 RD.270-279 Shujabad Branch	RD.252+000 of Shujabad Branch	Sub Engineer Muzaffarbad Muhammad Sajjad (0300-7803776)	2	-	8	2	60+6	198100 (J-Head Spur 248000, 263000 & Spur RD.252000 Shujabad Branch)
6	Sher Shah Flood Bund RD.0-20+437	4.09	RD.5 of Sher Shah Flood Bund	RD.5000 of Sher Shah Flood Bund							
<b>Total length</b>		<b>13.69</b>									
1	Nagni Flood Bund RD.0-51+000.	10.20	RD.40-50 Nagni Flood Bund	RD.42000	Sub Engineer Gajju Hatta Muhammad Bilal (0304-5371437)	1	-	6	1	60+6	
2	Dhundoo Flood Bund RD.0-26+500	5.30	RD.4-4, RD.8-10& RD.20-25 of Dhundoo Flood Bund	RD.21000	Sub Engineer Shujabad Muhammad Sajid Bhatti (0300-8791121)	2	1	8	2	30+3	-
3	Jalalpur Khakhi Flood Bund RD.0-60+000	12.00	RD.7-11 RD.40-56 Jalalpur Khakhi Flood Bund	RD.45000	Sub Engineer Panjani Iftikhar Bhatti (0300-6383404)	1	-	6	1	72+6	47269 (Sloping Spur RD.10000 Balochwah Flood Bund)
4	Balochwah Flood Bund RD.0-62+130	12.43	RD.10-18 RD.33-38 Balochwah Flood Bund	RD.25000							
<b>Total length</b>		<b>39.93</b>									
<b>TOTAL</b>						<b>19</b>	<b>3</b>	<b>86</b>	<b>19</b>	<b>725</b>	

## 14.6 Police deployment plan

Sr. No.	Site of Breaching Section	Concerned Canal Division	Concerned Police Station District	Police Persons Deployed Inspector			Remarks
				Sub Inspector	A.S.I.	Constable	
1	Head Muhammad Wala	Shujabad	Sadar District Multan	1	1	4	-
2	Sher Shah	Shujabad	Sadar District Multan	1	1	4	-

**14.7 Details of synthetic bags with capacity of 500 kg and 1000kg**

SR. NO.	NAME OF EMBANKMENT	BAGS CAPACITY 500 KG	BAGS CAPACITY 1000 KG
1	FAZIL SHAH FLOOD BUND	100 No.	50 No.
2	CHENAB FLOOD BUND	700 No.	500 No.
3	NAWABPUR FLOOD BUND	200 No.	100 No.
4	AKBAR FLOOD BUND	200 No.	200 No.
5	1st DEFENCE LINE SHUJABAD BRANCH	500 No.	250 No.
6	SHER SHAH FLOOD BUND	100 No.	100 No.
7	SHER SHAH RAILWAY FLOOD BUND	100 No.	100 No.
8	NAGNI FLOOD BUND	150 No.	150 No.
9	RIGHT BANK OF GAJJU HATTA BRANCH	150 No.	50 No.
10	DHUNDOO FLOOD BUND	100 No.	50 No.
11	GARDEZ FLOOD BUND	100 No.	50 No.
12	SAT BURJI FLOOD BUND	100 No.	50 No.
13	JALALPUR KHAKHI FLOOD BUND	200 No.	150 No.
14	TIE FLOOD BUND	100 No.	50 No.
15	BALUCH WAH FLOOD BUND	200 No.	150 No.
	<b>TOTAL</b>	<b>3000 No.</b>	<b>2000 No.</b>

**14.8 Details of polythene sheet of black colour to protect upstream slope against wave action and to control seepage through embankments**

SR. NO.	NAME OF EMBANKMENT	LENGTH
1	FAZIL SHAH FLOOD BUND RD:0+000 TO 10+500	10500
2	CHENAB FLOOD BUND RD:0+000 TO 157+950	157950
	CHENAB FLOOD BUND RD:109+294 TO 157+950	48656
3	NAWABPUR FLOOD BUND RD:0+000 TO 17+500 x 2	35000
4	AKBAR FLOOD BUND RD:0+000 TO 21+500 x 2	43000
5	1st DEFENCE LINE SHUJABAD BRANCH RD:231+000 TO 279+000 x 2	96000
6	SHER SHAH FLOOD BUND RD:0+000 TO 20+437 x 2	40874
7	SHER SHAH RAILWAY FLOOD BUND RD:0+000 TO 15+100 x 2	30200
8	NAGNI FLOOD BUND RD:0+000 TO 51+000	51000
9	RIGHT BANK OF GAJJU HATTA BRANCH RD:0+000 TO 18+000	18000
10	DHUNDOO FLOOD BUND RD:0+000 TO 26+500	26500
11	GARDEZ FLOOD BUND RD:0+000 TO 16+400	16400
12	SAT BURJI FLOOD BUND RD:54+000 TO 72+000	18000
13	JALALPUR KHAKHI FLOOD BUND RD:0+000 TO 60+000	60000
14	TIE FLOOD BUND RD:0+000 TO 8+600	8600
15	BALUCH WAH FLOOD BUND RD:0+000 TO 62+200	62200
	<b>TOTAL</b>	<b>722880</b>

**CHAPTER-15**  
***Back up Divisions (In case of breach)***

Executive Engineer, Multan Canal Division will act at backup Division in case of emergency.

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## LIVESTOCK & DAIRY DEVELOPMENT DEPARTMENT, MULTAN

### **AIM**

To mobilize all available resources, and inputs to prevent the natural calamity like flood which causes devastation to livestock / Poultry population and veterinary institutions of District Multan.

### ***FUNCTIONS DURING FLOOD EMERGENCY***

1. Extension of Prevention & curative measures to flood affected animals & rural / commercial poultry.
2. Provision of deworming facilities to the animals of breeders and tenants residing in flood prone areas.
3. Promotional efforts for community mobilization to avail the livestock services during pre-flood and post flood seasons, as well during the course of flood relief activities.
4. Provision of vaccination services during flood season w.e.f 15-06-2019 to 30-09-2019.
5. Free of cost treatment and deworming service provided by District Govt. Multan through budgetary provisions as well Provincial support for the flood emergency.
6. Wide spread media and advertisement activities for public awareness regarding the extension of vety. Services in flood affected areas of District Multan.
7. Provision of emergency services and first aid treatment.
8. Provision of services to control reproductive disorders during flood.
9. Liaison with District Govt. functionaries and central flood relief cell of District Government Multan.
10. Data base consolidation and proper reporting system to L&DD Department, and District Govt. Multan

## **VETERINARY INSTITUTIONS INVOLVED DURING FLOOD RELIEF MEASURES IN DISTRICT MULTAN**

VETERINARY HOSPITALS	VETERINARY DISPENSARIES	VETERINARY CENTERS	A.I CENETRS	TOTAL
16	20	09	02	47

### **VEHICLES AVAILABLE**

Sr.No.	Vehicle Number	Condition
1.	MNR-515	Working condition
2.	AK-8435	Working condition
3	MHC-3021	Working condition
4.	MHC – 3023	Working condition
5.	DGG – 1006	Working condition
6.	LOT – 617	Working condition

## **STAFF / MANPOWER TO BE DEPLOYED DURING FLOOD EMERGENCY -2019**

APVOS,SVOs, VOs	Veterinary Assistants	A.I. Technicians	Cattle Attendants & Others	Drivers	Total staff to be deployed
25	165	34	41	2	267

### **OPERATIVE METHODOLOGY**

#### **Pre-Flood Vaccination Campaign / Pre-Flood Arrangements**

- ❖ To ensure veterinary coverage, prophylactic vaccination to each animal / poultry bird and to adopt appropriate measures to check any epidemic or endemic outbreak during flood, including any contagious dilemma.
- ❖ Pre-Flood vaccination campaign will start W.E.F 15-05-2019 to 14-06-2019. The prompt reporting system will be ensured to convey higher authorities of District Govt. Multan & L&DD Department.
- ❖ 30 % quota of the medicines as per policy guidelines of L&DD Department has been ear marked and required specifications of different types of medicines have been made available in the stores of District Livestock Officer, Multan to handle any situation and will be provided at flood rescue centers without any slackness.

- ❖ SVOs, Veterinary Officers (H), Veterinary Assistants, A. I. Technician and Cattle Attendants have been assigned to ensure flood vaccination duties well in time throughout the District, w.e.f 15-06-2019 to 30-09-2019.
- ❖ Emergency relief activities in case of any threat or damage will be reinforced when and where required.
- ❖ Requisite 30% quota of the medicines etc necessary during flood emergency is reserved in District pool, Tehsil pool as well on Vety. Institutions of the District.
- ❖ Sufficient quantity of Vaccine, medicine & equipments are available in office of District Livestock Officer Multan.

### ***VACCINATION FACILITIES TO BE PROVIDED DURING FLOOD***

- |                                  |                           |                                       |
|----------------------------------|---------------------------|---------------------------------------|
| ❖ Hemorrhagic Septicemia Vaccine | ❖ Black Quarter Vaccine   | ❖ Foot & Mouth Vaccine                |
| ❖ Anthrax Vaccine                | ❖ Pleuropneumonia Vaccine | ❖ Pesti Des Petitis Ruminants Vaccine |
| ❖ New castle Vaccine             | ❖ Fowl Pox Vaccine        |                                       |

### ***TREATMENT & VACCINATION PROGRAMME***

1. Deputy Director Livestock will monitor pre-flood / post flood vaccination and each activity on flood relief camps & areas under threat.
2. Veterinary team deputed at flood relief camps under the supervision of Veterinary Officers will vaccinate / treat flood affected animals in prone area.

### ***FLOOD RESCUE POINTS, LOGISTICS POOL AND STORAGE DEPOT FOR LIVESTOCK POPULATION TO BE AFFECTED IN CASE OF FLOOD EMERGENCY***

- ❖ In **Tehsil Multan** Office of Additional Director Livestock Multan will be the main storage depot for medicines, Vaccines, Wanda and other logistics.
- ❖ In **Tehsil Shujabad** CVH Shujabad will be the storage depot for medicines, Vaccines, Wanda and other logistics.
- ❖ In **Tehsil Jalal Pur Pir Wala** CVH Jalal Pur Pir Wala will be the storage depot for medicines, Vaccines, Wanda and other logistics.

### ***AVAILABILITY OF VACCINE & MEDICINES***

1. Veterinary Research Institute Lahore will provide vaccines on requisition and chargeable basis for storage at District Headquarter. However sufficient quantity of vaccine will be available in the store of DLO, Multan, as well as at each Veterinary Institution of the District.

2. Veterinary Hospitals are fully equipped with medicines, equipments and refrigerators for proper storage and supply of vaccines when and where required.
3. Necessary requisition for additional supply of vaccines will be made to Veterinary Research Institute, Ghazi Road, Lahore Govt. of Punjab, L&DD Department.
4. Treatment & first aid measures will be provided free of cost. All types of medicines, chemicals & equipments have already been arranged and are readily available in the stores of District Livestock Officer Multan.

## **DUTIES OF STAFF AT FLOOD SECTORS OF DISTRICT**

### **MULTAN**

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
<b>Multan</b>	1.	Ghalloo	Dr. Jawad Nazir Veterinary Officer (H) I/C CVD Alpa	0337-9682201	Mr. M. Usman Manzoor Mr. M. Siftain Mr. Nazar Hussain	V.A CVD Alpa V.A CVD Alpa W/C CVD Alpa
	2.	Riaz Abad	Dr. Jawad Nazir Veterinary Officer (H) I/C CVD Alpa	0337-9682201	Mr. Iftikhar Hassan Mr. Ghulam Qasim	V.A CVH Bosan V.A CVC Gagra
	3.	Bosan	Dr. Kalsoom Akhtar Veterinary Officer (H) I/C CVH Bosan	0334-4284479	Mr. M. Kashif Mr. Javaid Akhtar Mr. Shoukat Ali	V.A CVH Bosan V.A CVH Bosan S/W CVH Bosan
	4.	Gidran Wali	Dr. Kalsoom Akhtar Veterinary Officer (H) I/C CVH Bosan	0334-4284479	Mr. Iftikhar Ahmed Mr. M. Waseem	V.A CVC Gith Brabar V.A CVH Bosan
	5.	Lakwal	Dr. Fahadullah Veterinary Officer (H) I/C CVH Nawab Pur	0337-9682198	Mr. M. Waseem Mr. Muhammad Ismail Mr. Yasir Arafat	VA, CVH Nawab Pur AIT CVH Nawabpur V.A CVH Nawab Pur
	6.	Sandila Mor	Dr. Fahadullah Veterinary Officer (H) I/C CVH Nawab Pur	0337-9682198	Mr. Khadim Hussain Mr. Nadir Khan	A.I.T CVH Samorana V.A CVH Qadir Pur Raan
	7.	Chenab Chowk	Dr. Shahid Nadeem Veterinary Officer (H), I/C CVH Tate Pur	0337-9682206	Mr. Abdul Khaliq Mr. M. Akram Mr. M. Aslam	V.A CVH Tate Pur V.A CVH

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
					Mr. M. Ejaz	Tate Pur W/C CVD Loothar V.A (S&G) Multan
	8.	Gary Wala Chowk	Dr. Shahid Nadeem V.O I/c CVH Tate Pur	0337-9682206	Mr. M. Qaswar Mr. M. Ibrahim	V.A CVH Tate Pur V.A CVD Loothar
	9.	Akbar Pur Band	Dr. Nadeem Iqbal V.O I/C CVH Makhdoom Rashid	0337-9683428	Mr. M. Altaf Hussain Mr. Ghulam Murtaza Mr. Javid Iqbal Tariq	V.A CVH Makhdoom Rashid V.A CVC Basti Manak V.A CVC Binda Sandila
	10.	Gray Wala Siper	Dr. Nadeem Iqbal V.O I/C CVH Makhdoom Rashid	0337-9683428	Mr. M. Imran Mr. Naqash Khalid Mr. Sajid Mehmood Abid	V.A CVC 1 MR V.A CVH Makhdoom Rashid V.A CVH Makhdoom Rashid
	11.	M. Pur Ghota	Dr. Muhammad Naeem, VO CVD Muzaffarabad	0333-6002687	Mr. Farooq Saeedi Mr. Muhammad Kashif	V.A CVH Qadir Pur Raan V.A CVH Multan
	12.	Langaryal	Dr. Muhammad Naeem, VO CVD Muzaffarabad	0333-6002687	Mr. Amjad Ali Mr. Munir Ahmed Mr. Shabbir Ahmad Mr. M. Shafi	V.A CVH Multan V.A CVH Multan A.I.T CVH Multan C/A CVH Multan.
	13.	Qasim Bela	Dr. Muhammad Usman VO CVD Pir Tannu	0301-7128323	Mr. Tanveer Ahmed Mr. Muhammad Riaz Mr. M. Khalid Kaleem Mr. Ali Raza Jaffri	A.I.T, CVH Dograna VC CVH Tate Pur VA CVH Dograna VA CVH Dograna
	14.	Muzaffarabad	Dr. Muhammad Bilal Veterinary Officer (H) I/C CVH Sher Shah	0302-7563313	Mr. Azmat Niaz Mr. Masroor Hussain Mr. Bashir Ahmed	V.A CVH Sher Shah V.A CVC Muzaffar Abad

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
						W/C CVH Hamid Pur Kanora
	15.	Sher Shah	Dr. Muhammad Bilal Veterinary Officer (H) I/C CVH Sher Shah	0337-9683427	Mr. M. Owais Mr. Ejaz Ahmed Mr. Nadeem Mustafa	VA CVH Sher Shah V.A CVH Multan. V.A CVH Hamid Pur Kanora
	16.	Pul Chenab	Dr. Muhammad Bilal Veterinary Officer (H) I/C CVH Sher Shah	0337-9683427	Mr. Jahanzaib Asghar Mr. M. Salman Mr. M. Waqas	V.A CVH Multan V.A CVH Sher Shah V.A CVH Sher Shah
<b>SHUJABAD</b>	17.	Khan Pur Qazian	Dr. Muhammad Iqbal VO CVD Looher		Mr. M. Sajid Mr. Rashid Ali Mr. Mukhtar Ahmad Mr. Dost Muhammad	V.A CVD Chak RS V.A CVD Chak RS V.A CVD Tarragar W/C CVD Chak RS
	18.	Pul Began Wali	Dr. Muhammad Iqbal VO CVD Looher		Mr. Abdul Sattar Mr. M. Shahid Mr. Zahid Iqbal	V.A CVH Skinder Abad V.A CVH Shujabad AIT CVD Sikandarabad
	19.	Mochi Pura	Dr. Shazia Nusrat VO CVD Skindrabad	0334-6332085	Mr. Javid Ahmed Mr. Sajjad Haider Mr. Javid	V.A CVD Chak RS V.A CVH Ganwain Kothi S/w CVH Shujabad
	20.	Ponta	Dr. Munazza Rehman VO CVD Ponta	0307-2121585	Mr. H. Arshad Mr. Mehmood Raza Mr. Faiz Bakhsh	V.A CVD Ponta V.A CVD Ponta S/W CVD Jalal Pur Khakhi
	21.	Mahrah	Dr. Ghulam Nabi SVO CVH Shujabad	0301-7148448	Mr. Shahid Imran Mr. M. Arshad Mr. Ejaz Hussain	V.A CVD Kotli Nijabat V.A CVD Kotli Nijabat V.A CVD

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
						Kotli Nijabat
	22.	Dhondhu	Dr. Ghulam Nabi SVO CVH Shujabad	0301-7148448	Mr. M. Arsalan Mr. M. Gulfam Mr. Muhammad Nafees	V.A CVD Ponta V.A CVH Shujabad W/C CVH Skinder Abad
	23.	Nawan Shafer	Dr. Ghulam Nabi SVO CVH Shujabad	0301-7148448	Mr. M. Zaka Ullah Mr. Dilshad Ahmed Mr. Khalil Ahmed	V.A CVD Kotli Nijabat V.A CVD Kotli Nijabat W/C CVD Kotli Nijabat
	24.	Gardaiz Pur	Dr. Ghulam Nabi SVO CVH Shujabad	0301-7148448	Mr. M. Ismail Mr. M. Shafi Mr. Nazeer Ahme	V.A CVH Shujabad V.A CVH Shujabad SW CVH Shujabad
	25.	Bagreen	Dr. Tasawar Hussain VO CVD Jalal Pur Khakhi	0300-6666340	Mr. Ali Murtaza Mr. Shahzad Ashraf Mr. Faiz Rasool	V.A CVD Bagreen V.A CVD Bagreen W/C CVD Jalal Pur Khakhi
	26.	Jalal Pur Khakhi	Dr. Tasawar Hussain VO CVD Jalal Pur Khakhi	0300-6666340	Mr. M. Farooq Mohsin Mr. Abdul Majid Mr. M. Mubashar Shahzad	A.I.TCVD Jalal Pur Khakhi V.A CVH Skinder Abad AIT CVD Bagreen

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
	27.	Punjani	Dr. Tasawar Hussain VO CVD Jalal Pur Khakhi	0300-6666340	Mr. Abdul Ghaffar Mr. M. Hamid Mr. Mukhtar Ahmad Mr. Rana Iqbal	V.A CVH Skinder Abad AIT CVD Matotli VA CVH Ganwain Kothi W/C CVD Jalal Pur Khakhi
<b>JALAL PUR PIR WALA</b>	28.	Behli Banglow	Dr. M. Gufran Saad I/c CVH Gaven Kothi	0300-5421867	Mr. Ghulam Farid Mr. M. Zulfiqar Ali Mr. Amir Abbas Mr. Peer Bux	V.A Ghazi Pur V.A Matatoli V.A Bahadur Pur S/W Gaven Kothi
	29.	Bait Qaiser	Dr. Hamza Javid VO CVH 20/MR	0309-6382500	Mr. M. Arshad Mr. Mukhdoom Nasir Shah Mr. Ahmed Bux	V.A CVH Gaven Kothi V.A CVD Kotla Chakar V.A CVD Bait Kaitech
	30.	Bahara	Dr. Hamza Javid VO CVH 20/MR	0309-6382500	Mr. Hafiz Majid Ali Mr. Mudassir Nazar Mr. Abdur Rasheed Mr. Rana Mushtaq	V.A Ali Pur Sadaat V.A Jalal Pur Pirwala V.A Gaven Kothi W/C Hawali Long
	31.	Khan Bela	Dr. Ahmed Irfan VO CVD Kotla Chakar	0309-6334899	Mr. M. Waqar Mr. M. Azhar Mr. M. Ejaz A.I.T Mr. M. Saeed	V.A CVH Jalal Pur Pirwala AIT CVC Ghazi Pur A.I.T Jalal Pur Pirwala W/C Hawali Long
	32.	Mohana Sandila	Dr. Ahmed Irfan VO CVD Kotla Chakar	0309-6334899	Mr. Bashir Ahmed Sajid Mr. M. Yaqoob Mr. Waseem Abbas	V.A Jaggio Wala V.A Jaggio Wala V.A CVD Darab Pur

Name of Tehsil	Sr. No.	Name & location of Flood Sectors / Centers	Name of Incharge Officer	Cell Numbers	Name of Veterinary Assistants, A.I. Technicians and cattle Attendant	Designation and place of posting
	33.	Shujaat Pur	Dr. Marzia Zainab V.O I/C CVH Ali Pur Sadat	0321-6864602	Mr. Bilal Hussain Mr. Mustansar Mehmood	V.A Kotla Chakar V.A Sabra
	34.	Umar Pur	Dr. Marzia Zainab V.O I/C CVH Ali Pur Sadat	0321-6864602	Mr. Kabir Khan Mr. M.Faraz Mr. Shahzad Ahmad	V.A Durab Pur V.A CVC Darab Pur V.A CVC Ghazi Pur

## **LIASON & COMMUNICATION**

### **1. CONTROL ROOM**

Flood Emergency control cell has been established in office of District Livestock Officer Multan.

The cell will work round the clock under supervision of an officer not below the rank of BS-17 along with two office Assistants for collection of information and field data for onward transmission to higher authorities.

### **2- LIAISON DUTIES**

Additional Director Livestock Multan will maintain close liaison with District Govt. & all other quarter concerned.

Name of Tehsil	Name of Officers	Designation	Telephone No.
Multan	Dr. Kashif Ur Rehman	DDL Multan	0312-2220001 0300-7396859 0300-0709753
Shujabad	Dr. Muhammad Imtaiz	DDL Shujabad	0334-4298628
Jalalpur Pir Wala	Dr. Mujahid Abbas	DDL Jalal Pur Pir Wala	0300-6368658

### **3- MONITORING AND SUPPLY**

Additional Director Livestock Multan will supervise the work performance of each flood sector throughout the district and will ensure the supply of required service material.

### **4- AWARENESS AND PUBLICITY**

Panaflex, printed material, announcement through mobile vehicles and mosques etc will be used for awareness regarding livestock flood relief activities in prone area.

## 5- FLOOD EMERGENCY MEDICINES

Additional Director Livestock Multan will ensure the availability of adequate stock of anti biotic, anti diarrheal antiseptics, disinfectants, dewormers and life saving drugs as required. 30 % quota of the total stocks of medicines provided through District Government resources has been fixed for flood relief measures as per policy guide line of the Government of the Punjab, L&DD Department Lahore.

### FLOOD REPORTS

Vaccination, treatment and other related activities reports will be conveyed to District Govt. & all other quarter concern as per requirement.

### FLOOD LOSS PROFORMA

Additional Director Livestock Multan will consolidate and compose all types of losses / disaster relating to livestock sector and will communicate to concerned quarters.

- a) Damage to livestock and poultry (washed away in flood / died due to diseases).
- b) Dairy Farm buildings and machinery damaged.
- c) Damage to veterinary institutions / buildings.
- d) Damage to stores / Godowns of dry fodder and animal feed.

### DEWORMING PROGRAMME DURING & AFTER FLOOD

Intensive deworming will be carried out and all types of animals will be dewormed against endo and acto parasites, for sustainable productivity of affected livestock population

### DAILY FLOOD REPORTS

Daily flood reports on detailed below Proforma will be consolidated at district level and then communicated to all concerned.

#	Activity	Achievements
1	Treatment Large Animals Small Animals Rural / Commercial Poultry	
2	First Aid Services	
3	Deworming (Large & Small Animals)	
4	Vaccination Large Animals Small Animals Rural / Commercial Poultry	
5	Breed Improvement Services	
6	Publicity and awareness	

## PROVISION OF FEED AND FODDER TO FLOOD AFFECTED LIVESTOCK BREEDERS

As per decisions and subject to policy of District Government Multan.

### REQUIREMENTS

Sr.No.	Description
1.	P.O.L
2.	Repair and Maintenance of Vehicle
3.	Veterinary Medicines (Antibiotics, Life saving and Dewormers)
4	TA/DA for staff

# MONSOON/FLOOD CONTINGENCY PLAN



## AGRICULTURE (EXTENSION), MULTAN

### PRE-FLOOD ARRANGEMENTS FOR 2019

#### 1. PRE-FLOOD

- Create awareness among the farming community through farmer trainings, print and electronic media;
- To secure seed, fertilizer, tools, implements and farm machinery etc. at safer places.
- To make safety measures for tube-well boring and engine.
- To secure Bhoosa and dry fodders at safer places.
- To secure vegetables, fodder and seed.
- To motivate farmers from un-flood/safe area farmers to grow more fodder in their fields.
- Agro-met reports and other alerts about rains for the consumption of farmers.
- To promote water loving crops in and around river beds and flood plains.
- Promotion of Sugarcane and Rice in riverside areas having maximum chances of flood water movement rather than Cotton.
- Encourage the farmers to locate relatively safe places having less marching time to shift livestock there at once.
- Crops may be sown on ridges/beds. The crops sown on ridges and beds are less affected as compared to flat sown crops.
- Well-designed cropping pattern may be adopted. Moisture loving crops like Sugarcane, Rice, Maize and Fodder may be included in the cropping scheme along river beds and low lying areas whereas sowing of sensitive crops like vegetables, pulses, small crops and Cotton should be avoided.
- Drainage system at farm level may be improved
- Excessive water drainage pumps may be provided in flood prone areas on subsidized rates.
- Small water reservoirs construction at farm level may be improved.
- Small water reservoirs construction at farm level may be encouraged, as

it will help in drainage and storage of excess water for future utilization.

- Farmers may be educated to make hay of fodder for use during flood time.
- Wheat and other crops storage places should not be in flood prone areas or it may be on elevated platforms.
- Tube-wells, turbines, water pumps may be installed at elevated platforms, which are at great height than the expected flood level.
- Arrangements for safety of High Efficiency Agriculture Water Saving Technique installations like i.e. Drip Irrigation and Sprinkler Irrigation, Tunnels for production of Pre-season vegetables production and other Agriculture Machinery like Tractors, Threshers, Combine Harvesters etc.
- Houses and animal sheds may be built on elevated places in long known flood affected areas.
- Flood warning and forecasting system should be improved so that farmers may be able to get advance updates.
- On one side of the field of Cotton and Vegetable crop, Rice, Sugarcane and Fodder crops should be grown so that excess rain water from Cotton and Vegetable crops could be drained to water loving crops.

## **2. DURING FLOOD**

- To coordinate with District Administration in Rescue operation and Relief activities.
- To assist Livestock Department in their flood action plan i.e. provision of Bhoosa/Fodder etc. collection and distribution.
- The Field Wing plays a vital role in flood as happened in the last year devastating floods regarding construction of levees, strengthening of flood protection bunds of rivers and canals to mitigate the soil erosion and clearing of blocked roads/passages for evacuation of flood hit people and relief efforts.

## **3. AFTER FLOOD**

- To survey and assess the damage of crops (area and production).
- To coordinate with Livestock, Water Management and Fisheries Departments in the assessment of damages and re-habilitation.
- Compensation of farmers in lieu of crop losses.
- To provide pumps for drainage of water from sensitive crops like Mango and Cotton.
- To educate the farmers for use of agronomic and plant protection measures for safety of their orchards and crops.

# MONSOON/FLOOD CONTINGENCY PLAN



## DISTRICT EDUCATION AUTHORITY, MULTAN

It is in your notice that the Govt. of the Punjab has given / delivered instructions for pre-arrangement for upcoming flood / monsoon rains in order to secure the Govt. assets from any damage. In order to achieve the required prospects, a team work is required. Few below mentioned important instruction /guide-lines & Action Plan must be kept in view to prevent from the damage from the Monsoon rains / flood.

- All the DEO's (Male & Female) in Multan District will fully cooperate with the District Education Officer, (SE) Multan already nominated as the Focal Person for flood relief Camp vide this office Notification No. \_\_\_\_\_/P&D dated \_\_\_\_\_ and make arrangements according to the instructions communicated to them by him.
- The District Education Officers (Male / Female) in District Multan will mobilize the field officers i.e Assistant Education Officers (M&F) to keep in touch with the Head-teacher of the schools under threat and to make immediate arrangements to avoid the Govt. property from any damage.
- The Assistant Education Officers will carry on the instruction and ensure their implementation in letter and spirit.
- The Assistant Education Officer (H. & Phy.Edu:), will be the in-charge of all flood and Monsoon pre-arrangements in the supervision of the nominated Focal person.
- The duties as assigned in the attached proforma will be fully adhere to, and nothing will be left unturned to achieve the required prospects.
- The list of schools lying low from the ground level be indicated and special attention is needed to be given to these schools.
- The head of these institutions may be directed to construct concrete barriers to prevent influx of runoff rain water from the surrounding area,

it must be ensured as soon as possible. There must be a prompt arrangement for drainage of stagnant water from school premises.

- The head of the institutions may be directed to make pre-flood / monsoon arrangement by clearing the drainage pipe lines and the roofs of all buildings be cleaned so that the rain water may not stop and cause damage to the building.
- The SMC may also be mobilized for awareness of this expected threat.
- The assets of the flooded area schools be secured before the monsoon / up-coming flood.

All these instructions need to be dealt on priority and these instructions may further be communicated to all the head of the institutions through proper channel within no time for implementation in letter and spirit. The field officers may further be directed to check all these points and ensure their implementation otherwise the head of the institution, the Assistant Education Officer of markaz concerned and the DDEO will be held responsible.

**The matter warrants your personal attention and needs its prompt disposal on war footing basis.**

#### **LIST OF VULNERABLE EDUCATIONAL INSTITUTIONS**

<b>Sr #</b>	<b>Name</b>	<b>Institute type (School, College etc.)</b>	<b>Enrolment</b>	<b>TEHSIL</b>	<b>REMARKS.</b>
1	Govt. P/S, Khizan Pur, Markaz Bosan, Multan	School	133	MULTAN SADDAR	LOCATED IN FLOOD AREA.
2	Govt. P/S, Serwani Bela, Markaz Bosan Multan	School	122	MULTAN SADDAR	LOCATED IN FLOOD AREA.
3	Govt. P/S, Toroy Pur, Markaz Bosan Multan	School	105	MULTAN SADDAR	LOCATED IN FLOOD AREA.
4	Govt. MPS, Jhoke Arbi, (GGPS DHILOO WALA Markaz Bosan Multan	School	25	MULTAN SADDAR	LOCATED IN FLOOD AREA.
5	Govt. Model P/S, Hamid Pur, Markaz Sher Shah Multan.	School	48	MULTAN SADDAR	LOCATED IN FLOOD AREA.

6	Govt. P/S, Said Ali Pur, Markaz Sher Shah, Multan.	School	HAND OVER PEF.	MULTAN SADDAR	LOCATED IN FLOOD AREA.
7	Govt. P/S, Bakhsh Wala, Markaz Sher Shah, Multan	School	240	MULTAN SADDAR	LOCATED IN FLOOD AREA.
8	Govt. P/S, Hamroot, Markaz Sher Shah, Multan	School	116	MULTAN SADDAR	LOCATED IN FLOOD AREA.
9	Govt. MPS, Bhakri Markaz Sher Shah, Multan	School	144	MULTAN SADDAR	LOCATED IN FLOOD AREA.
10	Govt. P/S, Purana Sher Shah, Multan	School	201	MULTAN SADDAR	VULNERABLE SCHOOL.
11	Govt. PS, Raja Pur, Multan	School	206	MULTAN SADDAR	LOCATED IN FLOOD AREA.
12	GGES, Thathi Khawaran	School	304	MULTAN CITY	LOCATED IN FLOOD AREA.
13	GGES, Basti Khairoo	School	350	MULTAN CITY	LOCATED IN FLOOD AREA.
14	GGES, Jalalabad	School	230	MULTAN CITY	LOCATED IN FLOOD AREA.
15	GGPS, Jhakar Pur	School	48	MULTAN CITY	LOCATED IN FLOOD AREA.
16	GGPS, Garay Wala	School	66	MULTAN SADDAR	LOCATED IN FLOOD AREA.
17	GGPS, Nasir Khan Khakwani	School	78	MULTAN SADDAR	VULNERABLE SCHOOL.
18	GGPS, Khaji Wala,	School	HAND OVER PEF.	MULTAN SADDAR	VULNERABLE SCHOOL.
19	GGPS, Mehdi Pur	School	139	MULTAN SADDAR	LOCATED IN FLOOD AREA.
20	GGPS, Jinnah Abadi	School	124	MULTAN SADDAR	LOCATED IN FLOOD AREA.
21	GMPS, Sairy Wala	School	125	MULTAN SADDAR	VULNERABLE SCHOOL.
22	GMPS, Gagra Kachoor	School	99	MULTAN SADDAR	VULNERABLE SCHOOL.
23	GPS, Mirza Pur	School	157	MULTAN SADDAR	VULNERABLE SCHOOL.
24	GHS, Sanbhal	School	529	MULTAN SADDAR	LOCATED IN FLOOD AREA.
25	GGHS, Binda Sandeela	School	627	MULTAN SADDAR	VULNERABLE SCHOOL.
26	GGPS BASTI JAMHOOR	School	40	MULTAN SADDAR	LOCATED IN FLOOD AREA.

27	GGPS Chah yar Muhammad Wala	School	75	MULTAN SADDAR	LOCATED IN FLOOD AREA.
28	GGES Wacha Sandila	School	198	JALALPUR PIRWALA	LOCATED IN FLOOD AREA.
29	GGPS Ripri	School	89	JALALPUR PIRWALA	LOCATED IN FLOOD AREA.
30	GGPS Zahra	School	100	JALALPUR	LOCATED IN FLOOD AREA.
31	GGPS Bakhsha	School	72	PIRWALA	LOCATED IN FLOOD AREA.
32	GGES Darkhan Wala	School	236	JALALPUR	LOCATED IN FLOOD AREA.
33	GGPS Jhangi Ahmad Khan	School	82	PIRWALA	LOCATED IN FLOOD AREA.
34	GGPS Basti Kamal	School	135	JALALPUR	LOCATED IN FLOOD AREA.
35	GGPS Tharoo Wali	School	90	PIRWALA	LOCATED IN FLOOD AREA.
36	GGPS Lar Janubi	School	80	JALALPUR	LOCATED IN FLOOD AREA.
37	GGPS Saif Ullah Baloch	School	38	PIRWALA	LOCATED IN FLOOD AREA.
38	GGES Dewala	School	135	JALALPUR	LOCATED IN FLOOD AREA.
39	GGHS Khan Bela	School	734	PIRWALA	LOCATED IN FLOOD AREA.
40	GGPS Jafrain	School	46	JALALPUR	LOCATED IN FLOOD AREA.
41	GGES Durab Pur	School	136	PIRWALA	LOCATED IN FLOOD AREA.
42	GGPS Basti Kachala	School	146	JALALPUR	LOCATED IN FLOOD AREA.
43	GGPS Hiyat Wala	School	83	PIRWALA	LOCATED IN FLOOD AREA.
44	GES Bait Mughal	School	312	JALALPUR	LOCATED IN FLOOD AREA.
45	GMMS Hazoor Bakhsh Dada	School	102	PIRWALA	LOCATED IN FLOOD AREA.
46	GPS Baseera	School	119	JALALPUR	LOCATED IN FLOOD AREA.
47	GMPS Shehni	School	183	PIRWALA	LOCATED IN FLOOD AREA.
48	GPS Sultan Mehmood Wala	School	60	JALALPUR	LOCATED IN FLOOD AREA.
49	GPS Nahran Wala	School	80	PIRWALA	LOCATED IN FLOOD AREA.

50	GMPS Bait Kaitch	School	174	JALALPUR	LOCATED IN FLOOD AREA.
51	GMPS Natching	School	180	PIRWALA	LOCATED IN FLOOD AREA.
52	GMPS Shamas Abad	School	166	JALALPUR	LOCATED IN FLOOD AREA.
53	GMPS Din Pur	School	161	PIRWALA	LOCATED IN FLOOD AREA.
54	GES Faiz Abad	School	350	JALALPUR	LOCATED IN FLOOD AREA.
55	GES Wachah Sandila	School	225	PIRWALA	LOCATED IN FLOOD AREA.
56	GMPS Narool	School	84	JALALPUR	LOCATED IN FLOOD AREA.
57	GPS Chah Mohammad Ali Wala	School	258	PIRWALA	LOCATED IN FLOOD AREA.
58	GPS Kot Imam Din	School	87	JALALPUR	LOCATED IN FLOOD AREA.
59	GMPS Karmon Wali	School	263	JALALPUR	LOCATED IN FLOOD AREA.
60	GPS Hazoor Bakhsh Kachala	School	55	PIRWALA	LOCATED IN FLOOD AREA.
61	GMPS Mohana Sandila	School	289	JALALPUR	LOCATED IN FLOOD AREA.
62	GMPS Bhuttain	School	141	PIRWALA	LOCATED IN FLOOD AREA.
63	GMPS Shah Pur Laman	School	61	JALALPUR	LOCATED IN FLOOD AREA.
64	GPS Tibi Sohrab	School	79	PIRWALA	LOCATED IN FLOOD AREA.
65	GPS Manik Wali	School	118	JALALPUR	LOCATED IN FLOOD AREA.
66	GPS Khakhi Pounta	School	138	PIRWALA	LOCATED IN FLOOD AREA.
67	GPS Jafrain	School	70	JALALPUR	LOCATED IN FLOOD AREA.
68	GPS Durab Pur Sharqi	School	67	PIRWALA	LOCATED IN FLOOD AREA.
69	GES Durab Pur	School	401	JALALPUR	LOCATED IN FLOOD AREA.
70	GPS Ghafar Abad	School	109	PIRWALA	LOCATED IN FLOOD AREA.
71	GMMS Zaidan	School	111	JALALPUR	LOCATED IN FLOOD AREA.
72	GMPS Langar	School	87	JALALPUR	LOCATED IN FLOOD AREA.

73	GPS Ramzan Wala	School	165	PIRWALA	LOCATED IN FLOOD AREA.
74	GMPS Sawan	School	196	JALALPUR	LOCATED IN FLOOD AREA.
75	GMPS Shujat Pur	School	137	PIRWALA	LOCATED IN FLOOD AREA.
76	GES Bait Qaisar	School	248	JALALPUR	VULNERABLE SCHOOL.
77	GPS Joia Abad	School	102	PIRWALA	LOCATED IN FLOOD AREA.
78	GPS Jam Qasim Wala	School	95	JALALPUR	LOCATED IN FLOOD AREA.
79	GPS Jhanda Miani	School	125	PIRWALA	LOCATED IN FLOOD AREA.
80	GMMS Noshara	School	90	JALALPUR	LOCATED IN FLOOD AREA.
81	GPS Jhanbhoo	School	89	PIRWALA	VULNERABLE SCHOOL.
82	GPS Lang Wala	School	70	JALALPUR	VULNERABLE SCHOOL.
83	GPS Bait Wahi No.2	School	203	PIRWALA	VULNERABLE SCHOOL.
84	GHS Motha	School	264	JALALPUR	VULNERABLE SCHOOL.
85	GMPS Miani Motha	School	175	PIRWALA	VULNERABLE SCHOOL.
86	GPS Kotla Shah Rasool	School	101	JALALPUR	VULNERABLE SCHOOL.
87	GMPS Guj	School	140	PIRWALA	VULNERABLE SCHOOL.
88	GMPS Bug Wala	School	310	JALALPUR	VULNERABLE SCHOOL.
89	GPS Obara Janubi	School	92	PIRWALA	VULNERABLE SCHOOL.
90	GMPS Khalil Abad	School	147	JALALPUR	VULNERABLE SCHOOL.
91	GMMS 87/M	School	52	PIRWALA	VULNERABLE SCHOOL.
92	GHS, Lar Janubi,	School	357	JALALPUR	LOCATED IN FLOOD AREA.
93	GHS, Khan Bela	School	231	PIRWALA	LOCATED IN FLOOD AREA.
94	Govt. P/S, Fateh Bela, Tehsil Shujabad	School	130	SHUJABAD	LOCATED IN FLOOD AREA.
95	Govt. P/S, Tahir Pur, Darya Paar,	School	109	SHUJABAD	LOCATED IN FLOOD AREA.

	Shujabad				
96	Govt. P/S, Soman Jadeed, Shujabad	School	91	SHUJABAD	LOCATED IN FLOOD AREA.
97	Govt. P/S, Marah, Shujabad	School	119	SHUJABAD	LOCATED IN FLOOD AREA.
98	Govt. P/S, Kikar Wala, Shujabad	School	80	SHUJABAD	LOCATED IN FLOOD AREA.
99	Govt. P/S, Mansay Wala	School	131	SHUJABAD	LOCATED IN FLOOD AREA.
100	Govt. P/S Bhana,	School	45	SHUJABAD	LOCATED IN FLOOD AREA.
101	Govt. P/S Rashid pura	School	206	SHUJABAD	LOCATED IN FLOOD AREA.
102	Govt. M P/S Aman-Ullahpur	School	91	SHUJABAD	LOCATED IN FLOOD AREA.
103	Govt. P/S Sairy	School	72	SHUJABAD	LOCATED IN FLOOD AREA.
104	Govt. P/S Thatha Makhdoompur	School	122	SHUJABAD	LOCATED IN FLOOD AREA.
105	Govt. P/S Jhangi	School	125	SHUJABAD	LOCATED IN FLOOD AREA.
106	Govt. P/S Baghrain	School	118	SHUJABAD	LOCATED IN FLOOD AREA.
107	Govt, P/S Chak Jalalpur	School	70	SHUJABAD	LOCATED IN FLOOD AREA.
108	Govt, Model P/S Chotan Sharif	School	100	SHUJABAD	LOCATED IN FLOOD AREA.
109	Govt. P/S Sherpur	School	107	SHUJABAD	LOCATED IN FLOOD AREA.
110	GGPS Mouza Jai	School	86	SHUJABAD	LOCATED IN FLOOD AREA.
111	GGPS Chawley Wala	School	105	SHUJABAD	LOCATED IN FLOOD AREA.
112	GGES Jalal Pur Khakhi	School	194	SHUJABAD	LOCATED IN FLOOD AREA.
113	GGPS Sehri Shujra	School	111	SHUJABAD	LOCATED IN FLOOD AREA.
114	GGPS Labeja	School	40	SHUJABAD	LOCATED IN FLOOD AREA.
115	GGPS, Noor Faqir Wala	School	55	SHUJABAD	LOCATED IN FLOOD AREA.
116	GPS Shamsuddin wala	School	220	SHUJABAD	LOCATED IN FLOOD AREA.

# FLOOD CONTINGENCY PLAN 2019



## TEHSIL SADDAR DISTRICT MULTAN

### **PREFACE.**

As well as know that there are three stages to combat the emergency situation regarding floods:-

- |                        |                      |
|------------------------|----------------------|
| 1. Pre-flood measures  | Preventive measures. |
| 2. Mid flood measures  | Stand by measures    |
| 3. Post flood measures | Curative measure.    |

A flood-fighting scheme has been prepared on the basis of previous information collected from the irrigation Department and the Revenue Field Staff of Tehsil Saddar Multan. The scheme embraces most of Flood Control and Relief Measures. This scheme is in addition to the flood protection schemes prepared by the Executive Engineer, Multan Construction Division, Multan. The scheme has the following general lay out:-

### **(1) PRE-FLOOD ARRANGEMENTS-PREPAREDNESS.**

As regards pre-flood arrangements, we have to be in full preparedness and to ensure that all machinery and equipment, stocks of diesel-petrol and medicines, tents and dewatering sets etc, are in order. Besides that, inspection of bunds it to be carried out by inspection teams consisting of Irrigation and District Government Authorities.

### **(2) MID FLOOD ACTIVITIES (EMERGENCY-OPERATION)**

During flood emergency, main job is to evacuate affected people and settle them temporarily in the earmarked buildings and provide them with food and shelter.

### **(3) POST FLOOD MEASURES.**

In the third phase, the work of re-habilitation starts and affectees are inoculated especially anti-venom besides provision of fodder for the cattle.

Briefly speaking all out efforts are to be made by each one of us to meet the requirements of the public at whatever stage to the best of our capability and efficiency. I hope that all officers will make honest and dedicated efforts for performing their duties for flood control and for providing relief to the affected people in their respective areas. In fact, this is a sacred duty to help the affectees in their hour of need at the time of Flood Emergency in these areas. I earnestly hope that every officer will perform his duty honestly and with conscientious commitment, on war footing.

## INTRODUCTION.

### 1. NATURE OF FLOOD IN TEHSIL SADDAR MULTAN.

During Moon-soon, heavy rain fall in the areas results excessive water in the river Chanab. When River Chenab over flows its banks, it causes flood.

Due to heavy rain fall in the catchments areas, the intensity of flood in River Chanab causes an alarming situation warranting adequate fool control arrangement.

### NAME OF BRIDGES.

Sr No.	Name of Bridge
i.	Head Muhammad Wala
ii.	Shershah wala

### TEHSIL SADDAR PROFILE.

EFFECTEDVILLAGES	49
TOTAL ACRES	67327
EFFECTED AREAS	44902
NUMBER OF HOUSES	11561
POPULATION	68375
BUND (MILES)	51
RELIEF CAMPS	07

### DETAIL OF EFFECTED MUAZIAT BY FLOOD CIRCLE WISE

Name of Qanungoi	Name of Mouza	Area in Acres		No of Houses	Popula-tion	No. of Animals	Distance from Flood Bund to River
		Total Area	Effectted				
Nawaab	Inayat PurMahota	3299	859	300	2500	3500	6 Km
	JhokArbi	698	698	450	3500	5500	6 Km
	KhizanPur	889	889	350	3000	3000	6 Km
	Noon Adhwana	1029	785	12	65	390	5 Km
	JhokSarkari	249	134	30	150	100	5 Km
	ChakMahni	352	93	12	70	215	5 Km

<b>Pur</b>	Nawab PurAwal	3676	734	30	280	470	5 Km
	Lutafabbad	3670	574	200	1000	600	5 Km
	ChakLutafabad	226	226	50	200	300	5 Km
	NawaabPur Doem	3708	2405	50	250	350	5 Km
	Vellan	1094	1094	30	250	200	5 Km
	JhokChagra	1021	700	110	750	600	5 Km
	BahwalpurKhera	948	948	35	190	300	5 Km
	Wandar	384	384	65	400	450	5 Km
	Ameer PurSahu	637	637	32	160	300	5 Km
	Lashkar Pur	558	558	35	200	335	5 Km
	Mekan Wala	369	369	40	200	375	5 Km

**Total Mouziat                    17**  
**Total Area                        22807**  
**Effectted Area                    12087**

<b>Name of Qanungoi</b>	<b>Name of Mouza</b>	<b>Area</b>		<b>No. of Houses</b>	<b>Popula-tion</b>	<b>No. of Animals</b>	<b>Distance from Flood Bund to River</b>
		<b>Total</b>	<b>Effectted</b>				
<b>Sher Shah</b>	Sher shah	9158	6159	4200	21000	12600	2 Km
	Shakarbelala	291	291	3	16	22	2 Km
	Abu Hatta	250	250	3	15	18	2 Km
	Hammad Pur	2308	2308	435	2500	1200	2 Km
	Raja Pur	1820	1820	102	510	610	2 Km
	TaajPurDhamraya	124	124	10	40	105	2 Km
	Bakhri	1974	1974	103	1800	800	2 Km
	Said Ali Pur	931	931	35	500	450	2 Km
	Behli	642	642	22	350	250	1 KM
	Gagra	689	340	14	100	85	1 Km
	Kachoor	1237	340	15	135	200	1 Km

	MirzanPur	1089	645	23	180	450	2 Km
	Jamhour	1199	815	40	580	480	3 Km
	Hamroot	2035	2035	107	2000	3500	2 Km
	JhokLachmi Narain	391	391	60	1200	2700	6 Km
	Akbar Pur	1429	1429	500	3000	4000	4 Km
	Binda Malana	1178	1178	350	1500	2200	4 Km
	Bakir Abad Khakwani	749	749	340	2380	1120	4 Km
	Doodi	727	727	28	224	480	4 Km
	Giray Wala	537	537	120	840	870	4 Km
	Binda Sandila	2037	873	350	2240	1840	4 Km

**Total Mouziat**                   **21**  
**Total Area**                       **30795**  
**Effectted Area**               **24422**

Name of Qanungoi	Name of Mouza	Area		No of Houses	Popula-tion	No. of Animals	Distance from Flood Bund to River
		Total	Effectted				
<b>Bosan</b>	Bosan	2980	460	300	1500	1200	2 Km
	Raan Lab Darya	1773	99	100	500	500	2 Km
	Jhok Wains Parli	2749	1629	820	4000	1750	2 Km
	Allah Dadi	1295	1295	200	1000	1200	2 Km
	Zaman Pur	774	774	100	500	600	2 Km
	Nauranga Abad	907	907	350	1700	1400	2 Km
	Dhello	461	461	250	1200	1300	2 Km
	Sarwani Bela	2376	2358	450	2200	1400	2 Km
	Sanbhal	410	410	300	1500	1000	2 Km

**Total Mouziat**                   **09**  
**Total Area**                       **13725**  
**Effectted Area**               **8393**

## **WHAT IS LOW, MEDIUM, HIGH, VERY HIGH AND EXCEPTIONAL HIGH FLOOD IN RIVER INDUS?**

The position of low, medium, high, very high and exceptional high flood is given below:-

LOW.	:	2.5 To 3.75 LAC CUSEC.
MEDIUM	:	3.75 To 5.00 LAC CUSEC.
HIGH	:	5.00 TO 6.50 LAC CUSEC.
VERY HIGH	:	6.50 TO 8.0 LAC CUSEC.
EXCEPTIONAL HIGH	:	8.00 LAC CUSEC AND ABOVE.

The Executive Engineer, Irrigation Multan will daily supply the position of discharge of River Chenab to Deputy Commissioner, District Headquarter Emergency Centre, established in the office of Additional District Collector & Tehsil Head Quarter Emergency Control Room established in the office of Assistant Commissioner, Saddar Multan which will help to know the position of River Chenab as regard to low, medium, high, very high & exceptional high flood for the purpose of adopting preventive measures.

List of villages likely to be affected by Chenab River Flood is placed at Annexure "A" (Prepared by Revenue Field staff)

### **2. SAFETY AND SECURITY OF FLOOD PROTECTION BUNDS.**

**(Responsible Department)**

**Irrigation Department.**

The Executive Engineer, Irrigation, Multan has prepared a duty chart of officials/officers for protection of Embankment of Canals and Distributaries to protect them from flood.

### **3. FLOOD WARNING.**

**(RESPONSIBLE DEPARTMENT)**

**1. Irrigation**

**2. Revenue**

**3. Police.**

**FLOOD WARNING AND SOURCE OF INFORMATION.**

The Executive Engineer Irrigation shall establish a Flood Information Emergency Centre equipped with telephone, wireless set and fax at District Headquarter. The centre will function round the clock and send information by quickest possible means to the office of the Assistant Commissioner Multan. This office would immediately inform the general public about the flood situation through Revenue Field Wide publicity of Flood Warning would be given through announcement by means of the loud speakers of the Mosques, so that no one remains unaware.

Note:- it is proposed that the irrigation Department may establish a Tehsil information control/emergency centre at Shujabad.

### **4. TEHSIL CONTROL ROOM.**

There would be Tehsil Flood Control Room at Multan. The Assistant Commissioner, will be the Incharge. Suitable officials would be deputed at the flood control room performing duty round the clock in shift system. All-important information would be conveyed to the district flood control room immediately. Telephone number of Tehsil Control Room is 061-9200784.

Tehsildar Saddar, Patwari Halqa Saddar Multan.

## **ROLE OF ASSISTANT COMMISSIONER.**

The Assistant Commissioner is required to perform his major role as being over all Incharge over all of flood control and flood measures in the Tehsil. He would continue revising the contingency plan to control flood in accordance with requirement of the prevalent situation. He will have close contact with the office of the Additional District Collector, and apprise them of the daily situation on telephone. He would also ensure that all affected people are transported to safer places and every efforts made by him to save their lives and properties. He would be over all Incharge of relief centers established in Tehsil Saddar, Multan.

The revenue field staff will also prepare damage list as desired by Board of Revenue. The concerned Patwari will also report any casualty (loss of human life) in black & white with complete information on prescribed proforma for compensation occurring in his mouzathrough concerned revenue officer.

The AC will also get necessary help form District & Tehsil Heads of all the Government Departments, including TMA's, either devolved or non devolved to control the flood situation.

### **5. TRANSPORT ARRANGEMNETS.**

The Traffic Police will be responsible to provide Tractors Trolleys in the office of the Assistant Commissioner, Multan to rescue the persons likely to be affected by flood. The District Government will provide hire/POL charges.

### **6. P.O.L (STOCK & ARRANGEMENT)**

The Civil Defense Officer would ensure that sufficient stock o P.O.L is reserved during the days of flood emergency at Petrol Pumps. District Government will provide funds for the purchase of P.O.L. This office will provide well equipped rescue boats besides Rescue 1122.

### **7. HIGH LEVEL PLACES FOR SHELTER.**

The Assistant Commissioner Multan will establish relief camps at high level places near the affected villages The Social Welfare Department will be responsible for relief measures, besides Revenue department. List of Relief Camp is place at **Annexure "B"**.

### **8. EVACUATION OF CATTLE.**

**(Responsible Department)**  
**(Agriculture)**

Suitable arrangements will be made for accommodating the cattle evacuated from the flood-affected areas to safer places. The District Officer (Livestock), Multan would be responsible t look after the health of cattle. He will also make arrangements for fodder.

The District Officer (Live Stock) would make necessary arrangements for stock of Bhosa and other dry fodder for the cattle evacuated from the flood affected areas in collaboration with the Executive District Officer, Agriculture, Forest Officer, Multan. The District Livestock Officer will reserve sufficient funds in his annual budget for the provision of fodder and medicines.

### **9. MEDICAL AID.**

**CEO, DHA (Health).**

The Executive District Officer (Health), Multan will arrange to establish temporary medical centre/first aid centre at relief camps. He will deploy his staff and ensure medical supplies to the flood affected people. If necessary, the Executive District

Officer (Health) would arrange to establish temporary dispensaries duly equipped with sufficient stock of medicines. The Executive District Officer (Health) would be responsible for taking preventive measures against epidemics. District Officer (Health) and Deputy District Officer (Health) Multan will chalk out medical contingency plan.

The Medical Superintendent, THQ Hospital, Shujabad will keep a ready room to deal with critical flood affected cases. All the BHUs and RHCs will remain functional on 24 hour basis and staff will remain present on shift-wise system.

#### **10. ROLE OF POLICE DEPARTMENT.**

Police Department has to play a vital role during flood emergency. Sub Divisional Police Officer/DSP Multan will prepare flood emergency plan. SDPO/DSP Multan is requested to direct all S.H.O to make early arrangements for the transmission of flood information to the residents of likely- flood affected villages falling in their jurisdiction by adopting quickest means. All S.H.Os should provide full assistance to the office of the Assistant Commissioner and Sector Officers who have to perform duty for flood control and relief measures.

#### **Duty Roster of Revenue Field Staff:-**

<b>S.#</b>	<b>Name of Tehsil</b>	<b>Name of Revenue Officer</b>	<b>Name of Relief Camps</b>	<b>Mouza To Be Covered</b>	<b>Name of Patwari/Girdawar</b>
1.	Multan Sadar	Gohar Nawaz Dhako (Naib Tehsildar) 0300-8733210	Govt. Primary School Ghaloo	1.Jhoke wains Parli. 2.Sanbhal 3.Dhilo 4.Zaman Pur 5.Sarwani Bela	1.Muneer Raza Girdawar 0300-86123 2.Shoukat Hussain Bhano 0302-8630755 3. Muhammad Ali 0300-7322103 4. Muhammad Shabaz. 0300-6208538
2.	Multan Sadar	Muzaffar Bhutta (Naib Tehsildar) 0300-6347797	Basti Band Bosan	1.Bosan 2.Ran Lab Darya 3.Nurang Abad 4.Allah Dadi	1.Rai Hassan Mustafa Girdawar 0300-9632771 2.Ghullam Mustafa 0301-7433666 3.Muhammad Shoaib 0300-7341322

3.	MutlanSadar	Ajmal SaifChattha (Tehsildar) 0302- 4018180	Mouza Lutaf Abad Near Basti Wigan Wali	1.Jhok Chajra 2.Mekan Wala 3.Welan 4.Bahawal PurKhera 5.Wandar 6.Lashkar Pur 7.Ameer Pur Saho 8.Anayat PurMahota 9.Khizan Pur 10.Jhok Arbi 11.Lutaf Abad 12.Chak Lutaf Abad 13.Jhok Sarkari	1. Nasir Shah Girdawar 0306-7474744 2. Intizar Ali 0302-8774000 3.Mazhar Abbas Chan 0300-7301500 4.Abdul Ghafoor 0300-6340879 5.Riaz Bhano 0300-7446800
4.	Multan Sadar	Ch, Mushtaq (Naib Tehsildar) 0300- 6378632	Chanab Chowk	1.Nawab PurAwal 2.Nawab Pur Doem 3.Noon Adhwana 4. ChakMahani	1. Tanveer Shah Girdawar 0300-7346787 2.Irshad Hussain 0300-6346388
5.	Multan Sadar	Jahangir Tangra (Naib Tehsildar) 0300- 7048222	Akbar Pur Flood Band	1.Akbar Pur 2.Garey Wala 3.Baqar Abad Khakwani 4.Doodi 5.Binda Sandila 6.Binda Milana 7.Jhok LachmiNarain 8.Hamroot 9.Bakhri	1. Haji Iqbal Girdawar 0308-6012241 2.M. Ramzaan 0302-7413755 3.Muhammad Akbar 0300-7406503

				10.Behli	
6.	Multan Sadar	Athar Zaidi (Naib Tehsildar) 0300-6345758	Sher Shah	1.Sher Shah 2.Raja Pur 3.Hamad Pur 4.Taj PurDhamraya 5.Said Ali Pur 6.Kachoor 7.Gagra 8.Sultan PurHamar 9.Abu Hata 10.Shakr Bela	1.Niaz Shah 0305-6884451 2. Manzoor Hussain 0300-6382365 3.Abdul Saeed 0301-7548155
7.	Multan Sadar	Nazar Hussain (Qanongo) 0303-6060605	Basti Buch Near Railway Station	1.Mirzan Pur 2. Jamhor 3. Buch	1. Kaswar Abbas 0300-7038444 2.Main Zaman 0301-8922444

### Detail of Flood Relief Camps:-

S.#	Name of Tehsil	Union Council Name & No.	Name of Relief Camps	Mouza To Be Covered	Drinking Water	Toilet
1	Multan Sadar	Jhoke Wains UC No. 83	Govt. Primary School Ghaloo	1.Jhoke wains Parli. 2.Sanbhal 3.Dhilo 4.Zaman Pur 5.Sarwani Bela	Not Arranged	Not Arranged
2	Multan Sadar	Band Bosan UC No. 85	Basti Band Bosan	1.Bosan 2.Ran Lab Darya 3.Nurang Abad 4.Allah Dadi	Not Arranged	Not Arranged
3	MutlanSadar	Lutaf Abad UC No. 93	Mouza Lutaf Abad Near Basti Wigan Wali	1.Jhok Chajra 2.Mekan Wala 3.Welan 4.Bahawal PurKhera 5.Wandar 6.Lashkar Pur 7.Ameer Pur Saho 8.Anayat	Not Arranged	Not Arranged

				PurMahota 9.Khizan Pur 10.Jhok Arbi 11.Lutaf Abad 12.Chak Lutaf Abad 13.Jhok Sarkari		
4	Multan Sadar	Nawab Pur UC No. 92	Chanab Chowk	1.Nawab PurAwal 2.Nawab Pur Doem 3.Noon Adhwana 4. ChakMahani	Not Arranged	Arranged
5	Multan Sadar	Binda Sandila UC No. 94	Akbar Pur Flood Band	1.Akbar Pur 2.Garey Wala 3.Baqar Abad Khakwani 4.Doodi 5.Binda Sandila 6.Binda Milana 7.Jhok LachmiNarain 8.Hamroot 9.Bakhri 10.Behli	Not Arranged	Not Arranged
6	Multan Sadar	Sher Shah UC No. 96	Sher Shah	1.Sher Shah 2.Raja Pur 3.Hamad Pur 4.Taj PurDhamraya 5.Said Ali Pur 6.Kachoor 7.Gagra 8.Sultan PurHamar 9.Abu Hata 10.Shakr Bela	Not Arranged	Not Arranged
7	Multan Sadar	Khokhran UC No. 97	Basti Buch Near Railway Station	1.Mirzan Pur 2. Jamhor 3. Buch	Not Arranged	Not Arranged

## Detail Of Private Tractor Trolley:-

S.#	Name of Relief Camps	Mouza To Be Covered	Name of the owner with contact No. of Tractor Trolleys used in flood area	Name of Lamberdar with contact No.
1	Govt. Primary School Ghaloo	1. Jhoke wains Parli	M. Nawaz 0302-96342490 M. Raees Iqbal 0300-6383778	Saeed Ahmad 0302-9642355 M. Ramzan 0305-6549830 Ghulam Akbar 0300-6202668
		2.Sanbhal	M. Shabeer 0302-7300065 Mahar Sarfraz 0302-9838655	M. Wazeer 0301-6492120
		3.Dhilo	-----	Haji Ashiq 0303-8727627
		4.Zaman Pur	Ahmad Hassan 0305-5162891	Fida Hussain 0302-3552667
		5.Sarwani Bela	Allah Dittah 0301-6602064 Allah Yar 0301-7206806	M. Haneef 0303-7354757 M. Ameen 0301-7518840
2	Basti Band Bosan	1.Bosan	Khizar Hayat 0300-4770298 Khadim Husain 0300-0739397	M. Nawaz 0303-7484719
		2.Ran Lab Darya	Zafar Abbas 0300-4425900	M. Ijaz 0300-6389679
		3.Nurang Abad	Ghulam Farid 0304-1024627	Mukhtiar Ahmad 0301-2724421
		4.Allah Dadi	M. Ramzan 0307-7463058	-----
3	Mouza Lutaf Abad Near Basti Wigan Wali	1.Jhok Chajra	M. Iqbal 0300-7309658 M. Asghar 0306-7364166 Murid Hussain 0300-5150603	Umar Hayat 0301-7535428
		2.Mekan Wala	M. Qasim 0301-7420502 Zahor Ahmad 0302-7350967	M. Qasim 0301-7420502
		3.Welan	M. Ramzan 0302-7464686 Tariq Javed 0301-3156424 M. Ali 0305-9206011	M. Nawaz 0308-8559615
		4.Bahawal	M. Wazeer 0302-7492677	Ghulam Shabir

		PurKhera		0300-6304011
		5.Wandar	M. Arif 0300-6886407	M. Hussain 0307-7479562
		6.Lashkar Pur	Abdul Rehman S/o M. Nawaz	M. Hussain 0305-6435901
		7.Ameer Pur Saho	Abdul Majeed 0300-6356062 M. Jafer 0301-7508782 Aman Ullah 0302-7551515	KhuramSherhzad 0300-7375251
		8.Anayat PurMahota	M. Aslam 0302-6598314 M. Ali 0300-02708040 Umar Hayat 0308-7522145 M. Hayat 0301-7518077	Allah Dittah 0308-7381870
		9.Khizan Pur	Qamar Abas 0306-7742974 M. Azhar 0306-7343173	Abid Husain 0300-7362899
		10.Jhok Arbi	Murid Husain 0303-9633282 M. Ajmal 0308-2567125 M. Shareef 0307-5640298	Ghulam Farid 0301-7572869
		11.Lutaf Abad	Allah Bux 0307-4656399 Ismail 0308-8655548	Waseem Khan 0300-8637704
		12.Chak Lutaf Abad	Dost Muhammad 0307-7305105	Ghulam Abbas Dehar
		13.Jhok Sarkari	Niaz Khan 0300-6307098	Ghulam Abbas Dehar
4	Chanab Chowk	1.Nawab PurAwal	Sajad Husain 0300-6321993 M. Ishfaq 0305-7303043 M. Sabir 0307-7588083	M. Waqas 0300-7313607 M. Anwar 0300-7339000 Munir Akhtar 0300-7816863
		2.Nawab Pur Doem	Ghulam Jilani 0307-5275656 M. Fayaz 0300-7891865	M. Waqas 0300-7313607 M. Anwar 0300-7339000
		3.Noon Adhwana	M. Akram 0301-7871919 M. Azhar 0303-6352247	Ghulam Muhammad 0300-6387871
		4. ChakMahani	M. Shafee 0300-4786682	Khizar Hayat 0305-8563233
5	Akbar Pur Flood Band	1.Akbar Pur	M. Aslam 0342-3828903 M. Akram 0300-7802241 Saeed 0300-6360432 M. Nawaz 0302-7492354	Zumard Husain Shah

		2.Garey Wala	Fida Hussain 0304-7744168	Malik Mujahid 0300-6335781
		3.Baqar Abad Khakwani	Allah Bux 0300-6108183 Qamar Chena 0304-7744245	Malik Arshad 0300-6334354
		4.Doodi	Azam Chena 0302-7474145 QasimSandela 0300-5836386	Malik Muneer Ahmad
		5.Binda Sandila	Shafiq Ahmad 0305-6658312 M. Haji 0307-7471256 Rashid 0308-7490439 Rustum 0307-7402990	Malik Ramzan 0321-9632971
		6.Binda Milana	Qasim 0300-5836386 Javed 0300-6797825 Rabnawaz 0300-8866353 Majeed 0306-4292793 Ghulam Farid 0304-7048693	Rasheed Alam
		7.Jhok LachmiNarain	M. Nawaz 0304-8481820 M. Mitho 0306-8696242	M. Ayub 0307-6005476
		8.Hamroot	Abul Satar 0301-7505558 Allah Dittah 0301-7884932 M. Ameen 0306-7479153 M. Yousaf 0300-7387933 Zahor Ahmad 0345-7020914 M. Iqbal 0300-8220632	AbudlSatar 0302-9331177
		9.Bakhri	M. Ramzan 0300-7338430 M. Yaseen 0321-7489508 Fida Hussain 0303-2977651	Altaf Hussain 0302-7415638
		10.Behli	Imtiaz Alem 0301-7878126 Faiz Raheem 0301-7874048	Fiaz Aleem
6	Sher Shah	1.Sher Shah	M. Shareef 0306-7363684 Gul Shad 0301-7631186 Riaz Husain 0302-3559813	Abdul Aziz 0300-0762557 Riaz Hussain 0305-6980628
		2.Raja Pur	M. Hussain 0307-7675649	Fazal Husain 0300-5258095
		3.Hamad Pur	Ghareeb Khan 0300-7486398 Bashir Ahmad 0306-7585035	Mukhtiar Husain 0301-7451287

		4.Taj PurDhamraya	-----	Fazal Husain 0300-5258095
		5.Said Ali Pur	Allah Nawaz 0301-2895702 Malik Ashiq 0300-2825812	Habib Ullah Khan
		6.Kachoor	-----	Muhammad Bux 0303-2780244
		7.Gagra	M. Suleman 0302-6619676 M. Iqbal 0300-7478042	Saeed Ahmad 0300-7510565
		8.Sultan PurHamar	Riaz Hussain 0305-8949744 Ghulam Abas 0307-4698539 Nasim Husain 0301-7170697 Ijaz Ahmad 0300-0428735 M. Iqbal 0304-0408742	MuhammdBux 0303-2780244 Ghulam Abbas 0301-5846415
		9.Abu Hata	-----	Riaz Hussain 0305-6980628
		10.Shakr Bela	-----	Riaz Hussain 0305-6980628
7	Basti Buch Near Railway Station	1.Mirzan Pur	Allah Dittah 0300-8611563 Abdul Satar 0324-6358538 Nazar Husain 0305-6491421	Malik Tahir Ahmad 0300-8634758
.		2. Jamhor	Abdul Rasheed 0301-7884526 Allah Wasaya 0304-2589997 M. Nafees 0306-7339582	Muhammad Bux 0307-7358200
		3. Buch	Fida Hussain 0302-7466355 M. Akram 0303-0741012 Altaf Husain 0302-7318856	Khizar Riaz 0300-6332646

#### **FOCAL PERSON**

Mr. Mansoor Ahmad

Assistant Commissioner Saddar, Multan will be focal person of Tehsil Saddar, Multan.

Mr. Aamir Nawaz Tehsildar Saddar, Multan.

# FLOOD CONTINGENCY PLAN 2019



## ASSISTANT COMMISSIONER TEHSIL SHUJABAD

### (Disaster)

“Disaster means an unexpected natural or man-made catastrophe of substantial extent causing significant physical damage or destruction, loss of life or sometimes permanent change to the natural environment.

### Disaster Management?

“Disaster Management can be defined as the organization and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies, to lessen the impact of disaster.

### Contingency plan in flood situation.

#### plan with hope

There are three stages to combat the emergency situation regarding floods: -1.

Pre-flood measures(Assessment of danger)

2. Mid Flood measures (Recue & Relief)
3. Post flood measures (Rehabilitation)

Flood Contingency plan is based on previous experiences learnt and future flood forecasts, defining role and responsibilities of the all departments engaged in flood rescue, relief and rescue activities.

### (1). PRE-FLOOD ARRANGEMENTS.

Make sure,

- A. Availability and functioning of required machinery and equipments like excavators dewatering sets, Bulldozers etc. (responsibility of irrigation department)
- B. Availability essential items like POL, Medicine, Tents, food etc. (responsibility of District Govt. , Civil Defense, TMA, PDMA, Health Deptt)
- C. Inspection of flood protection bunds and remedial measures for their safety . (responsibility of irrigation department)

D. Presence of evacuation and transportation plan in case of emergency.  
(responsibility of Administration, Police, and Local Govt.)

**(2). MID FLOOD ACTIVITIES (RESCUE & RELIEF)**

This activity is related to rescue and relief. Therefore, evacuation of people and their live stocks as per plan should be executed in collaboration of all Stock Holders.

During flood emergency, main job is to rescue and evacuate affected people and settle them temporarily in the earmarked buildings / temporary tent villages and provide them with food and shelter.

**(3). POST FLOOD MEASURES (REHABILITATION).**

During this activity role of revenue, agriculture, Police and TMA is vital regarding post flood damage evaluation and safe return of people to their houses.

All out efforts are to be made by each department to meet the requirements of the public during emergency. I hope all officers will make honest and dedicated efforts in performance of their duties related to flood control and for providing relief to the affected people in their respective areas on war footing basis.

**1. NATURE OF FLOOD IN TEHSIL SHUJABAD.**

Due to heavy rain fall in the catchment areas, the intensity of flood in River Chenab causes an alarming situation warranting adequate flood control arrangements. As per irrigation department observation regarding capacity and flood warning in river Chenab following data is being relied for preparation of flood contingency plan in Tehsil Shujabad

<b>Flood Level</b>	<b>Water Quantity</b>
LOW	2.5 TO 3.75 LAC CUSEC
MEDIUM	3.75 TO 5.00 LAC CUSEC
HIGH	5.00 TO 6.50 LAC CUSEC
VERY HIGH	6.50 TO 8.00 LAC CUSEC
EXCEPTIONAL HIGH	8.00 LAC CUSEC AND ABOVE

The Executive Engineer, Irrigation, Multan will daily provide the position of discharge of River Chenab to Tehsil Head Quarter Emergency Control Room phone No. 061-4396480.

**2. SURVEILLANCE & MAINTENANCE OF FLOOD BUNDS**

The Executive Engineer, Irrigation, Multan will issue a duty roster of officials/officers for proper patrol / surveillance and to take necessary measure for their safety.

(Responsibility of irrigation Department)

### **3. FLOOD WARNING.**

On receipt of flood warning at Tehsil flood control room, information will be pass on to public through 1 revenue field staff, 2 Lumbrdar, 3 TMO, 4 Union Administrator, Chairmen UCs, Councilors by means of the loud speakers of the Mosques, etc.

### **4 . TEHSIL CONTROL ROOM (061-4396480)**

It is established in the office of Assistant Commissioner Shujabad. Suitable officials would be deputed at the flood control room performing duty round the clock in shift system. All-important information would be conveyed to the district flood control room immediately and also will maintain list of Telephone contacts of all staff engaged in flood activities.

Tehsildar Shujabad, Patwari halqa Shujabad, will remain on duty in the control room.

### **5. TRANSPORT ARRANGEMENTS.**

The Traffic Police will be responsible to provide Tractors Trolleys in the office of the Assistant Commissioner, Shujabad to rescue the persons likely to be affected by flood. The District Government will provide hire / POL charges.

### **6. P.O.L. (stock & arrangement)**

The Civil Defense Officer would ensure that sufficient stock of P.O.L is available during the days of flood emergency at Petrol Pumps. District Government will provide funds for the purchase of P.O.L.

### **7. SHELTER / RELIEF CAMPS.**

The Assistant Commissioner Shujabad will establish relief camps at safe places near the affected villages. The Social Welfare Department will be responsible for relief measures, besides Revenue department. List of Relief Camp is Annexed.

### **8. EVACUATION OF CATTLE.**

Suitable arrangements will be made for accommodating the cattle evacuated from the flood-affected areas at safer places. The District Officer (Livestock), Multan would be responsible to look (stock maintenance of medicine) after the health of cattle. He will also make required arrangements for fodder. (Bhoosa, Green fodder)

(Responsibly of Agriculture deptt)

## **9. MEDICAL AID**

### **CEO, DHA (Health)**

The Executive District Officer (Health), will issue duty rooster for establishment of medical camps in flood relief camps having sufficient stock of medicine and staff required therein. DDO H will be responsible of overall arrangements regarding health facilities in Tehsil Shujabad for flood affected people.

The Medical Superintendent, THQ Hospital, Shujabad will keep a ready room to deal with critical flood affected cases. All the BHUs and RHCs will remain functional on 24 hour basis and staff will remain present on shift - wise system.

## **10. ROLE OF POLICE DEPARTMENT.**

Sub Divisional Police Officer/DSP Shujabad will prepare flood emergency plan. SDPO/DSP Shujabad is requested to direct all S.H.Os to make early arrangements for the dissemination of flood information to the residents of likely to be flood affected villages falling in their jurisdiction by adopting quickest means. All S.H.Os should provide full assistance to Sector Officers who have to perform duty for flood control and flood relief measures.

## **11. ARMY ASSISTANCE.**

This falls under the purview of District Government.

## **12. CIVIL DEFENCE OFFICER / RESCUE 1122.**

The Civil Defense Officer / Emergency Officer will provide:

1. Wireless hand set.
2. Boats.

## **RELIEF CAMPS MANAGERMENTS**

The following departments will perform duty at relief centers.

- (1). Revenue. (2) Police. (3). Health (4). Agriculture (5). Tehsil Municipal Administration.
- (6). Food (Local Government). (7). Live Stock. (8). Forest. (9). Social Welfare (10). WAPDA (Mapco). (11). Community Development.

Detail Duty Roaster is Annexed

### **Responsibility of Sector In-charge**

1. He will be operational head of the relief camp under his jurisdiction and will remain present there. He will be responsible to prepare plan for provision of all necessities of life to the effectees and its execution thereof.
2. He will ensure the presence and availability of all duty staff and daily attendance report be submitted in AC office.
3. He will submit daily situation report (DSR) to the Tehsil control room.
4. He will work as coordinator at the relief camp.
5. He will issue duty roaster of staff of all department deputed at the camp.

### **RESPONSIBILITY OF DUTY OFFICIALS AT RELIEF CAMP**

#### **Revenue Department**

- The Patwaris will maintain a register for entry of all flood effecties in camp.
- He will make liaison with all the duty staff of different department

#### **Police Department**

- The Police will maintain Law & Order at the camp and will insure safety of life and property of effecties with all its recourses.

#### **Health Department**

- This department will establish health desk.
- All the medicines will be given free of cost.
- Anti –venom and others necessary medicines will be available in sufficient quantity at the camp.
- Duty of health staff will be of round the clock on shift-wise system.
- This department will maintain register of all the patients attended at the camp.

### **Live Stock and Agriculture Department**

- The Live stock department will vaccinate to the cattle at camp and in the field.
- Sufficient stock of medicine will be made available.
- The Agriculture and Live stock department will arrange for fodder for cattle.

### **Social Welfare and Community Development Department**

- This department will arrange food and edible items at the camp in collaborate with Town Administration.
- A register will be maintained for record of all who have been served meal.
- The department will collect financial aid from philanthropists and will maintain its record.
- The department may engage NGO with the prior approval of DCO for services.
- The department may seek financial assistance from Bait –ul- Maal / District Govt.

### **Forest Department**

1. The Department will deploy guard at camp for security purpose.

### **Town Municipal Administration**

- Town Municipal Officer will deploy daily wages staff to maintain cleanliness at the camp.
- TMA will provide staff and equipment for removal of garbage.
- TMA will provide drinking water if needed.
- TMA will provided the service of Fire brigade in case of emergency

### **Education Department**

- The class IV staff will be deputed at the camp.
- In case of camp in school, the Head Master will deploy the staff with ministerial staff.
- They will keep the material of the building in their own custody and will be responsible of its safety.
- In case of union council, the Secretary will be responsible for the above mentioned exercise.

## LIST OF VILLAGES LIKELY TO BE AFFECTED

Name of Kanungoi	Villages (Mawazat)	Total Number	Population
Shujabadl.	1. Soman, 2. Ponta, 3. Tahir Pur, 4. Mochi Pura. 5. Sher Pur, 6. Fateh Bela	6	
Shujabad – II.	1. Khan Pur Qazian, 2. Jai,	2	
Gajju Hatta	1. Gardeez Pur, 2. Sheikh Pur Drig, 3. Bagrreen, 4. Choty Sharif, 5. Ghuons Pur, 6. Dhundhoon. 7. Marraha, 8. Agar Khani, 9. Wains, 10. Bhana, 11. Aman ullah Pur. 12 Sat Burji. 13 Jhanghi	13	
Ganwain	1. Jalal Pur Khakhi, 2. Seery, 3. Khas Panjani, 4. Thath Makhdum Pur. 5. Taroor Jalal Pur. 6. Panjani,	6	
TOTAL		27	

## Revenue Estate List of Sectors / Relief Camps

S#	Name of Relief Camp	Mauzas to be covered	Distance (K.M.)	Availability of	
				Water	Electricity
1	Government Girls Middle School Khan Pur Qazian	1. Jai 2. Khan pur Qazian	15		
2	A. Government Boys Primary School Tahir Pur Near Bagi Pull B. Government Boys High School Ponta (Covering Building)	1. Soman, 2. Ponta, 3. Tahir Pur, 4. Mochi Pura. 5. Sher Pur, 6. Fateh Bela.	6		
3	BHU-- Marrah	1. Marraha, 2.. Agar Khani 3. Wains 4. Dhundhoon	,		
4	Office U/C Gardaiz Pur Basti Nawan Sher	1. Gardeez Pur, 2. Sheikh Pur Drig,	12		
5	Middle School Begrian	1. Begrian, 2. Choty Sharif , 3. Sat Burji 4. Ghuons Pur, 5. Bhana, 6. Aman ullah Pur. 7. Janhgi	15		

6	Govt. Boys High School Jalal Pur Khakhi	1. Jalal Pur Khakhi, 2. Seery, 3. Khas Panjani, 4. Panjani 5. Taroor Jalal Pur, 6.. Thath Makhdum Pur	25		
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\*\* Alternate arrangements for drinking water will be made.  
Duty of additional Revenue staff may be notified at any time.

**Note:** - Tent village may be established at any place, if tents are available.

## DETAIL OF PROPOSED RELIEF CAMPS IN TEHSIL SHUJABAD

### RELIEF CAMP NO. 1

Government Boys Middle School Khan Pur Qazian.  
Sector / Relief Camp Incharge  
(1) Shafiq ur Rehman Gardawar 0306-8875200

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue		Sajid Shah Patwari	Patwari Khan Pur	0301-2318748
		Muhammad Toheed Khan	Patwari Khoja	0304-4035528
		Muhammad Khizar Patwari	Patwari Sikandarabad Gharbi	0301-7463118
		Muhammad Tariq	Patwari Mari Noon	0345-7236451
		Mukhtiar Khan	Patwari Chah Meran Khan	0300-7183391

Duty of additional Revenue staff may be notified at any time.

### RELIEF CAMP No. 2

Government Boys Primary School Tahir Pur  
Sector / Relief Camp Incharge  
(1) Shafiq ur Rehman Gardawar 0306-8875200

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue	1	Muhammad Arshad	Patwari Ponta	0305-8585185
	2	Naseer ud din Shah	Patwari Khara	0302-7607013

	3	Yousaf Sial Patwari	Patwari Khair pur	0300-7308877
	4	Gul Zaman	Patwari Check 13/F	0306-7370937
	5	Rao Mehmood	Patwari Dera Aarbi	0301-7376820

Duty of additional Revenue staff may be notified at any time.

### RELIEF CAMP NO. 3

#### BHU --- Marrah

Sector / Relief Camp Incharge

Iqbal Khan Girdawar 0302-7311852

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue	1	Khawaja Zahid Rasool	Patwari Toder pur	0300-7193012
	2	Muhammad Fayyaz Arrian	Patwari Wains	0345-7242655
	3	Khawaja Sadeeq	Chak R.S	0304-5620437
	4	Iqbal Zaffar Patwari	Patwari Raja Ram	0343-6986883
	5	Rana Ghulam Ali	Patwari Shah pur	0301-7509897

Duty of additional Revenue staff may be notified at any time.

### RELIEF CAMP NO. 4

#### Office U/C Gardeez Pur

Sector / Relief Camp Incharge

Iqbal Khan Girdawar 0302-7311852

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue	1	Sheikh Shafiq ur Rehman	Gardeez Pur	0301-7545110
	2	Sajid Mehmood	Patwari Shujabad	0300-7363854
	3	Muhammad Bilal	Patwari Naseer Pur	0301-7545089
	4	Rana Fayyaz	Patwari Qasir Pur	0302-7328011
	5	Khalid Husnain Murtaza	Patwari Obwara Shumaile	0300-7183898

Duty of additional Revenue staff may be notified at any time.

### RELIEF CAMP NO. 5

#### Government Girls Middle School Begrain

Sector / Relief Camp Incharge

Malik Fayyaz Rehan Gardawar Halqa 0300-6355327.

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue	1	Fayyaz Ahmed Rehan	Patwari Begrain	0313-6838901
	2	Qamar Uz Zaman	Patwari Kilich pur	0345-7237818
	3	Anwar Qamar	Kotali Nejabat Junobi	0301-7458035
	4	Shabbir Meo Patwari	Patwari Gaju Hatta Gharbe	0300-7331818
	5	Ch. Muhammad Hanif	Patwari Shah pur	0300-7380990

Duty of additional Revenue staff may be notified at any time.

### RELIEF CAMP NO. 6

**Govt. Boys High School Jalal Pur Khakhi**

Sector / Relief Camp Incharge

Malik Fayyaz Rehan Gardawar Halqa 0300-6355327.

Department	S#	Name of Officer/ Official	Designation	Mobile Number
Revenue		Rana Ghulam Ali	Patwari Shah pur	0301-7509897
		Rana Muhammad Ameen	Patwari Panjani	0301-7498380
		Malik Abid Patwari	Gardaiz pur	0300-7188661
		Muhammad Sohail Asif		0301-4849979
		Kausar Niazi	Patwari Lasoori	0340-7263112

Duty of additional Revenue staff may be notified at any time.

Note :- Tent village may be established at any place, if tents are available.

**LIST OF IMPORTANT PHONE NUMBERS –  
District Code (061) Shuja Abad**

<b>Sr.</b>	<b>Name of Officer with Designation.</b>	<b>Office</b>	<b>Mobile</b>
1	Saeed Ahmad Khan, Assistant Commissioner Shujabad	4396480	0323-4575608
2	Sub-Divisional Police Officer/DSP.	4396503	0304-4448375
3	Town Municipal Officer (Imtiaz Joiya)	4397115	0300-6837033
4	Town Officer (I&S) Sultan Shahid		0321-6343004
5	DDO Education Shujabad (Jamil Ahmed Qureshi)		03007389373
6	DDO Irrigation Shujabad (Mohammad Bin Khursheed)		0300-7323748
7	XEN Wapda Shujabad (Ch. Khalid Nazir)	4396055	0345-8540180
8	SDO Wapda City Shujabad Sub-Division (Farhan)	4396856	0345-8540238
9	SDO Wapda Sikandarabad Sub-Division Shujabad (Raja Arif)		0343-2666444
10	Medical Superintendent, THQ Shujabad		0300-6305379
11	Deputy District Officer (Health) Shujabad		0345-7264809
12	DDO Agriculture Shujabad (Rana Arif )		0345-6809575
13	Mohammad Shafiq Kango		03068875200
14	Tehsildar Shujabad		0308-7805475
15	Muhammad Ashraf khan H/C A.C Office Shujabad	4396480	0300-7123244
16	Imran Kashif Flood Clerk AC Office Shujabad		0301-7356476
17	Police Station City Shujabad (Fiaz Ahmed Khan)	4396847	0300-8635566
18	Police Station Sadder Shujabad (Shahid Farooq)	4396848	0300-7590788
19	THQ Hospital Exchange Shujabad	115	
20	Sajid Mehmood Patwari Halqa Shujabad		0300-7363854
21	Muhammad Zafar Iqbal Patwari Halqa Gajuhata		03437986883
22	Muhammad Iqbal Civil Defense		0306-5164836
23	Rescue Service 1122 (Mohammad Qasim)	1122	0300-8896229
24	Fire Brigade Station Shujabad (Sajid Hussain)	116	0300-7197011
25	Assistant Food Controller (Hashim Bhutta)		0300-6332235

## **LIST OF OFFICERS WHO WILL PERFORM THE FLOOD DUTY 2019**

### **IN SHUJABAD.**

The following list of Revenue field staff Shujabad will perform duty in emergency for flood 2019 (Phone No. 061-4396480).

#### **Revenue Officer Halqa**

<b>Name</b>	<b>Designatin</b>	<b>Cell No.</b>
Ch. Sohail Maqbool	Tehsildar	0300-5016865

#### **List of Girdawran Shujabad**

<b>Name</b>	<b>Designatin</b>	<b>Cell No.</b>
Shafiq ur Rehman	Qanoongo	0306-8875200
Fayyaz Rehan	Qanoongo / Patwari	0300-6355327
Iqbal Khan	Qanoongo / Patwari	0302-7311852

#### **List of Patrwaies Shujabad**

<b>Sr No.</b>	<b>Name</b>	<b>Designatin</b>	<b>Cell No.</b>
1.	Muhammad Hanif Meo	Patwari	0301-7490688
2.	Khawaja Muhammad Sadeeq	-do-	0304-5620437
3.	Muhammad Mukhtiyar Khan	-do-	0300-7183391
4.	Mahar Yousaf Sial	-do-	0300-4043233
5.	Muhammad Khizar Abbas	-do-	0301-7463118
6.	Khawaja Zahid Rasool	-do-	0300-7193012
7.	Malik Sajid Mehmood	-do-	0300-7363854
8.	Syed Sajid iqbal Shah	-do-	0301-2318748
9.	Kousar Niyazi	-do-	0340-7263112
10.	Muhammad iqbal Khan	-do-	0302-7311852
11.	Fayyaz Rehan	-do-	0300-6355327
12.	Haji Muhammad ishaq	-do-	0301-7530160
13.	Ch. Muhammad Hanif	-do-	0300-7380990
14.	Rana Ghulam Ali	-do-	0301-7509897

15.	Rana Muhammad Fayyaz Noon	-do-	0302-7328011
16.	Sheikh Shafiq ur Rehman	-do-	0301-7545110
17.	Malik Abid Hussain	-do-	0300-7188661
18.	Shabbir Ahmad	-do-	0300-6338634
19.	Ch. Muhammad Tariq	-do-	0306-9066367
20.	Rana Muhammad Ameen	-do-	0301-7498380
21.	Muhammad Zafar iqbal	-do-	0303-6614799
22.	Gul Zaman	-do-	0306-7370937
23.	Khalid Hussnain Murtaza Shah	-do-	0300-7183895
24.	Rao Qamar uz Zaman	-do-	0300-3731818
25.	Muhammad Toheed Khan	-do-	0304-4035528
26.	Muhammad Bilal	-do-	0301-7545089
27.	Muhammad Suhail Asif Khan	-do-	0301-4849979
28.	Rao Mehmod	-do-	0301-7376820
29.	Muhammad Anwar Qamar	-do-	0301-7458035
30.	Naseer ud din Shah	-do-	0313-6838901
31.	Muhammad Hanif Bohar	-do-	0305-7865801

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## ASSISTANT COMMISSIONER TEHSIL JALALPUR PIRWALA (MULTAN)

### Introduction.

Two rivers namely Chanab and Satluj flow through this sub-division. High flood during flood season (June to September) is likely to cause loss to human lives and property. To meet any untoward incident during this period the necessary arrangements have been made.

### Intension:

- 1: To ensure protection of flood Bunds.
- 2: To ensure safety and protection of lives and property.

### Advance information:

- 1: List of Villages likely to be effected during the flood 2019-20 is given in annexure "A"
- 2: Map of Tehsil Jalalpur Pirwala is given in annexure "B"
- 3: List of vulnerable points of flood Bunds to be effected by high floods is given in annexure "C"
- 4: List of relief Camps established in the flood areas and detail is appended as annexure "D"
- 5: List of important Telephone Nos. is given in annexure "E"
- 6: List of sectors is given in annexure "F"

The Tehsil Jalalpur Pirwala has been divided in to six sectors. The detail list of areas of these sectors/relief camps is enclosed.

focal person:

Ahmad Raza Sura 0300-6468808

### Transportation:

Sector Incharge will be Incharge of transportation in case of flood. In order to transport people from affected areas to respective relief camps in this regard, the local Administration will have to obtain all the private transportation available specially Buses, Tractors, Trucks & Trolleys.

### Medical Facilities:

Deputy District Officer Health Jalalpur Pirwala will be the Incharge for Medical relief work and will be responsible to provide all necessary medicines with the deputation of sector

Medical Officer at the prescribed centers. He will also ensure availability of Medicine as well as Ambulance. Anti-snake measures and anti diarrhoeal measures will be adopted on top priority basis.

Similarly the Veterinary officer Jalalpur Pirwala will be responsible to provide necessary Medicines relating to diseases of Animals. He will also ensure availability of vaccine/Medicines to meet the requirements.

### **Fodder & bhoosa for animals:**

The Live stock / Agriculture Jalalpur Pirwala will be responsible to provide fodder & Bhoosa etc for animals in the affected areas.

Evacuation:

The sector Incharge will keep liaison with the Canal Office in case of Low flood, the public residing near the river beds will be cautioned accordingly. The sector Incharge shall ensure that the public residing within the Beds of Rivers are informed through Patwaries and Police of the areas and above all making announcements in Mosques over loud Speaker. In case of high flood, the sector Incharge with the assistance of their Police Incharge will carry out evacuation from the affected areas to the safer places. The sector Incharge will ensure maximum assistance to the public in evacuation in order to avoid any loss to life and property.

### **Phases of Evacuation:**

The phases of evacuation will be:-

- a) Warning . This will be given through proactive patwaries/ Police by making announcement in the Mosque through Loudspeakers.
- b) Order to move. This shall be in the same manner as mentioned at (a) above.
- c) Movement. The public in the river beds shall be compelled to move out of the areas which are likely to be affected by flood, with the help of Police.
- d) Shelter. Shelter will be provided at the relief camps with tents/Building etc.
- e) Return. Normally when the flood is over, the people of affected areas will be returned to places living of their own. However, help will be provided if needed at any relief camp.

### **Patrolling:**

The Canal officer will make special teams for patrolling on safety bunds. The sector Incharge will also seek assistance of DSP, Jalalpur Pirwala who will provide necessary police force for the safety of flood bunds.

### **Agriculture Engineering Department:**

The assistant Agriculture Engineer will ensure the availability of bulldozers at short notice in case of danger to the flood protection bunds.

### **Dewatering Set:**

Dewatering sets of MC, Jalalpur Pirwala will be kept in order during flood emergency.

### **Irrigation Department:**

The irrigation department will ensure effective warning communication System Deployment of Machinery at vulnerable points and staff should be on the Job. SDO, irrigation will keep constant, vigilance on the bunds and will remain in touch with Assistant Commissioner, Jalalpur Pirwala.

### **Vaccination:**

For the purpose, District Health Officer, Multan and Deputy Director, Livestock, Multan shall be asked to start vaccination to human being as well as livestock respectively before flood season in the affected areas.

### **Supply of Boats:**

District Officer Civil Defense / Rescue 1122 will provide boats for evacuation. Secondly the Boats shall be obtained from the army for evacuation if needed.

### **Supply of Essential Articles to relief camps:**

The Tehsildar, Jalalpur Pirwala will be the Incharge to collect essential articles i.e Flour, Ghee, Pulses, sugar, search light.

### **Control Room:**

The Incharge of control room will be Rana Muhammad Khan, Head Clerk for Control Room established in the Office of the Assistant Commissioner (061-4212232, 0301-7506190) Jalalpur Pirwala they will also ensure presence of staff time to time as per duty roster. All important information will be passed on the Control Room by the Sector Incharge which will be submitted to the undersigned without any loss of time for onward transmission to the District Control Room in DC Office, Multan). Assistant Commissioner will be the over-all Incharge for flood duties.

### **Reconnaissance-flood area.**

The requisite information is given below:-

- |    |  |   |
|----|--|---|
| a. | Bearing Points if any.   | As per annexure "C"   |
| b. | Location of Planned relief Camps.  | As per annexure "D"   |
| c. | Number of village likely to be effected<br>in case of flood/breach in any weak area<br>of the bund.                              | As per annexure "A"&"E"                                     |
| d. | Proposed evacuation Plan.  | Contingency Plan  |
| e. | Number of Boats available.   | Nil   |
| f. | Number of livestock in Tehsil,<br>Specially in village likely to be<br>Affected in case of flood.                                | 163730 Large Animal<br>133566 Small Animal<br>94385 Poultry |
| g. | Repair /maintenance works carried out<br>to re-Enforce the Bunds during 2007-08  | Nil   |
| h. | <b>State of Rat wholes.</b>  | It relates to irrigation Dept.                              |
| j. | Number of Projects allocated and the state<br>of works undertaking with completion date. Lahore to Karachi is Under Construction | CPEC Motorway   |
| k. | Any other likely problem areas.  | Nil   |
| l. | Availability of accommodation facilities in case of deployment. Higher Secondary<br>School J.P.P                                 |   |
| m. | Number of veterinary Doctors available   | 3   |
| n. | Number of Baidars / Razakars available.  | 20-25   |
| o. | Existing state of spurs.   | Proper condition.   |

## Annexure "A"

### List of the villages effected during the flood By river chanab

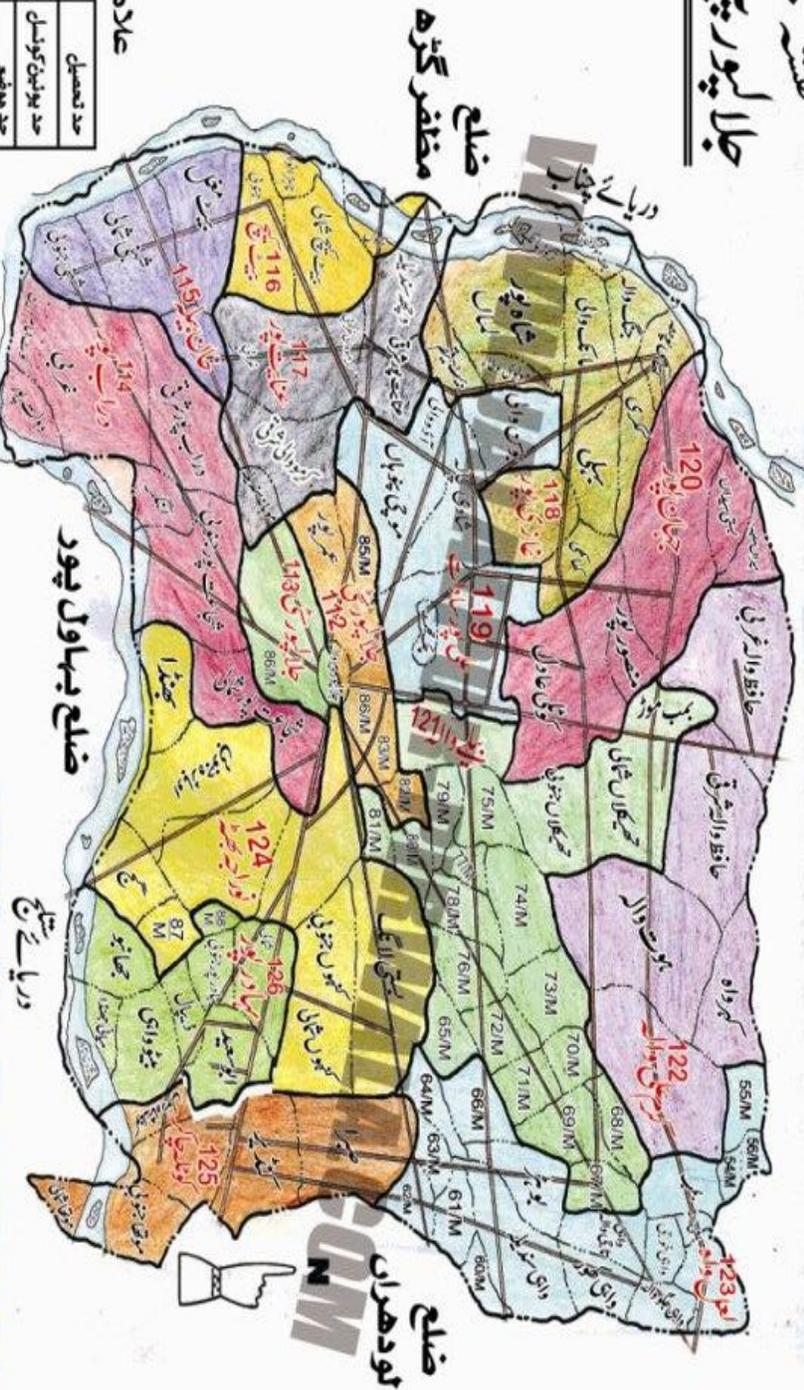
<b>Sr. #</b>	<b>Name of Mouza:</b>	<b>Sr. #</b>	<b>Name of Mouza:</b>
1:	Khakhi Ponta	2:	Ripri
3:	Taror Manik Wali	4:	Shah Pur Lamma
5:	Jang Walla	6:	Manik Wali
7:	Chak Moulvi Atta	8:	Narool
9:	Bait Katch Shumali	10:	Bait Katch Janubi
11:	Nahraan Walla	12:	Shihni Shumali
13:	Shihni Janubi	14:	Bait Mughal
15:	Karmoon Wali Gharbi	16:	Karmoo Wali Sharqi
17:	Mohsin Wali	18:	Wachha Sandeela
19:	Kot Immam Den	20:	Ennayat Pur
21:	Bait Qaiser	22:	Ummer Pur
23:	Jahan Pur (Partial)	24:	Miraan Mallah
25:	Kikery	26:	Behli Sharif
27:	Moulvi Atta		

### List of the villages effected during the flood By river satluj

<b>Sr. #</b>	<b>Name of Mouza:</b>	<b>Sr. #</b>	<b>Name of Mouza:</b>
1:	Mohana Sandeela	2:	Khan Bela
3:	Daullat Pur	4:	Duraab Pur Sharqi
5:	Duraab Pur Gharbi	6:	Lungger
7:	Shujaat Pur Shumali	8:	Shujaat Pur Janubi.
9:	86/M		

# نتیجہ تحصیل جلاپور پیر وال

## تحصیل شجاع آباد



علامات	
	حد تحصیل
	حد یونین کونسل
	حد موقع
	دریا
	پختہ سڑکی

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## Annexure “C”

### List of Vulnerable Point of flood bunds at river chanab

Sr. #	Name of vulnerable Points
1:	Jang Walla
2:	Khakhi Ponta
3:	Shah Pur Lamma
4:	Miran Mallah

### List of Vulnerable Point of flood bunds at river Satluj

There is no flood bund at river satluj, people of these villages established their zimidara bunds which are temporary. They just raise the banks of the river satluj with the help of tractors, blades, front blades, loaders etc. However, important vulnerable points of river satluj are listed below.

Sr. #	Name of vulnerable Points
1:	Langar
2:	Durab Pur
3:	Dollat Pur

## ANNEXURE “D”

### LIST OF RELIEF CAMPS ON RIVER CHANAB

#### RELIEF CAMP DURING LOWER LEVEL FLOOD

Sr. #	Name of Relief Camps	Name of the Incharge	Staff
1:	Behli (Canal Rest House Behli Shareef) 25 Kanal, 03 Room Good 03 Bad	Naib Tehsildar 0300-7360251	1- Field Kanungo Halqa 2- Patwari Halqa of the Sector. 3- Secretary UC along with Naib Qasid
	Muhammad Ahasan SDO 0300-0786118 Fiaz Hussain Chowkidar		

#### RELIEF CAMPS DURING AVERAGE FLOOD

##### In addition to Relief camp Behli

2:	Khan Bela (H/S Khan Bela) 20 Kanal 18 Rooms	Naib Tehsildar 0300-7360251	Abdul Razzaq Sec. UC 175 0301-7525087 with Naib Qasid
----	--	--------------------------------	---

Principal Fida Hussain  
0307-2051373

**RELIEF CAMPS DURING HIGH LEVEL FLOOD**

**In addition to Relief Camp Behli & Khan Bela**

- 3: Bait kaitch (Govt. B/S Allah Bakhsh Ghulam Nabi Sec. UC 177  
Basti Bhara) 19 Kanal Girdawar 0302-7526144  
18 Marla 04 Rooms 0300-7193840 with Naib Qasid Safdar Ali  
0300-0761217
- 4: Govt. Boys High School Allah Bakhsh Kahlil Saddique Sec. UC 181  
Jalalpur Pirwala 18 Room Girdawar 0302-6569721  
Principal Muhammad Abid 0300-7193840 with Naib Qasid  
0301-7436747

**LIST OF RELIEF CAMPS RIVER SATLUJ**

**RELIEF CAMPS DURING LOWER LEVEL FLOOD**

- 5: Govt. (Boys High Muhammad Hashim Muhammad Azam Sec. UC 170  
School)Bahadrapur 13 Qanongo 0300-7810020  
Anam ul Khan (H.M) 0300-7021764 With Naib Qasid  
0300-7819548

**RELIEF CAMPS DURING HIGH LEVEL FLOOD**

**in addition to relief camp Kotla Chakar**

- 6: Govt. Primary School Muhammad Hashim Zafrullah Sec. UC 172  
  
Gujj 04 Rooms Qanongo 0306-7726578  
Muhammad Imran 0300-7021764 with Naib Qasid  
0302-2293275  
Samina Naheed  
0301-7512040

**LIST OF IMPORTANT TELEPHONE NUMBERS:**

<b>Sr.#</b>	<b>Name of Office.</b>	<b>Telephone Numbers</b>
1:	Assistant Commissioner Office	061-4212232, 0300-6486808
2:	MC Office	061-4210334
3:	DSP/SDPO, J.P.P	061-4210235, 0300-6762806
4:	SHO. City	061-4210529, 0300-9639466
5:	SHO. Saddar	061-4210020, 0301-8490333
6:	THQ Hospital	061-4210554, 0301-7406472
7:	Wapda Grid Station,	061-4210552,
8:	Market Committee, Adnan Siraj	061-4210457, 0301-7497696
9:	Govt. Higher S.S J.P.P	061-4210535
10:	Wapda Office	061-4210538, 0330-8088520 0330-8088521

**FLOOD EQUIPMENT**

1:	Tractor	04 (03 Tractor + 01 Loader)
2:	Trolleys	04
3:	Dewatering Set	04
4:	Sucker	01
5:	Jatter	01
6:	Fire Brigade	01

**LIST OF SECTORS**

<b>Sr.#</b>	<b>Name of Sector</b>	<b>Name of Relief Camp</b>	<b>Name of Sector Incharge</b>	<b>Village to be effected</b>
1	Behli	Canal Rest House Behli Shareef	Mazar Abbas Naib Tehsildar 0300-7360251	1. Behli UC 181 2. Bait Kaisar UC 181 3. Shah Pur Lama UC 181 4. Ripri UC 181 5. Chak Molvi Atta UC 181 6. Jang Wala UC 183 7. Khakhi Ponta UC 183 8. Jahanpur UC 184 9. Miran Mallah UC 184 10. Taror Manik wali uc 181 11. Manik wali uc181 12. kikery uc 183 13. Molvi Atta uc181 14. Mohsin wali Uc181
2	Khan Bela	H/S Khan Bela		1. Khan Bela UC 175 2. Shehni Shumali UC 175 3. Shehni Janubi UC 175 4. Darab Pur Sharqi UC 174 5. Darab Pur Gharbi UC 174 6. Bait Mughul UC 175 7. Kot Imam Din 174 8. Dolat Pur 174 9. Mohana Sandeela uc 173
3	Bait kaitch	Govt. B/S Basti Bharan	Allah Bakhsh Girdawar 0300-7193840	1. Bait Kaitch Shumali UC 178 2. Bait Kaitch Janubi UC 177 3. Narool UC 178 4. Karmo Wali Sharqi UC 176 5. Karmo Wali Gharbi UC 176 6. Nahran Wala UC 177 7. Wacha Sandila UC 180

				8. Anayat Pur UC 179
4	Jalalpur	Govt. Boys High School Jalalpur Pirwala		1. Langar UC 173 2. Umar Pur UC 176 3. Chak No. 86/M UC 173
5	Gujj	Boys P/S Gujj	Muhammad Hashim Qanongo 0300-702176	1. Shujat Pur Shumali UC 173
6	Bahadar Pur	H/S Bahadar Pu		1. Shujat Pur Janbui UC 173

**Note:** Kanoongoes and Patwaries Halqa will also assist the in-charge of sectors at the places mentioned against the names of their respective areas.

# MONSOON/FLOOD CONTINGENCY PLAN 2019



## MUNICIPAL CORPORATION MULTAN

### EMERGENCY CELL ALONGWITH DUTY ROSTER

**Focal Person for Flood:**

**MAHAR MUHAMMAD YAR**

Municipal Officer (Services)

Cell No: 0301-7459688

**Control Room Incharge:**

**Rana Muhammad Ismail**

Sub Engineer (Infra),

Municipal Corporation

Multan.

Cell No.

0306-7379565

Sr. No	Name of employees	Time of Duty
1	1. Hafiz Waseem Ahmad, Tele-Operator 2. Muhammad Imran, Junior Clerk Planning Branch 3. Shafqat Hussain, Naib Qasid	08:00 AM to 04:00 PM
2	1. Muhammad Auyub Telephone Operators 2. Munir Ahmad, Junior Clerk 3. Ashraf Sial, Naib Qasid	04:00PM to 12:00AM
3	1. Zulfiqar Ghouri, Telephone Operator 2. Mazhar Hayat Khan, Junior Clerk 3. Muhammad Yaqoob, Naib Qasid	12:00AM to 08:00AM

**Note:** The Flood Emergency Cell will also work as flood control room for 24 hours and remain contact with Municipal Officer (Services), the Focal Person regarding flood arrangements.

## **LIST OF OPERATORS FOR DE-WATERING SETS**

<b>Sr.No</b>	<b>Name of employee</b>	<b>Cell No.</b>	<b>Responsibilities</b>	<b>Duty Timing</b>
1.	1. Muhammad Sharif (Fittar) 2. Ali Raza (Fittar)	0306-7415220 0313-4274320	Operating the De-Watering Sets during rainy and flood season in the jurisdiction of Municipal Corporation Multan.	08:00AMto 04:00PM
2.	1. Ahmad Nawaz (Road Roller Driver) 2. Tariq Mehmood (Fitter)	0305-9637703		04:00PM to 12:00AM
3.	1. Muhammad Bilal (Fitter) 2. Sharif Hussain (Line Man)			12:00AM to 08:00AM

## **LOW LAYING AREA OF MUNICIPAL CORPORATION MULTAN**

<b>Sr.No</b>	<b>Name of Area</b>
1.	Water Tanki near Harram Gate
2.	Tina Wali Khoi Qadeer Abad
3.	Hassan Parwana Road near Graveyard
4.	Opposite High Court Multan
5.	Abdali Road infront of Govt. Pilot Boys School

## **DETAIL OF MACHINERY / EQUIPMENTS AND STAFF MUNICIPAL CORPORATION, MULTAN.**

<b>Sr. No</b>	<b>Items</b>	<b>Quantity</b>
1	De-Watering Sets	10-Nos
2	Baildars	60-Nos
3	Mate	03-Nos
4	Road Roller Drivers	02-Nos
5	Tractor with Trolly	01-No
6	Tractor with loader	01-No
7	Tentage (Shamiyana)	50-Nos
8	Generators	09-Nos

# FLOOD CONTINGENCY PLAN 2019



## DISTRICT COUNCIL MULTAN

### FOCAL PERSONS

Shehzad Munir, District Officer (I&S) District Council Multan Ph # 0321-7318390 061-9200393	Hamid Ali Qureshi, District Officer (Reg.) District Council Multan Ph # 0300-9631075 061-9200394
--	---

**Saeed Ahmed Bhatti, Mob# 0300-9633094**

will assist to Focal Persons for flood arrangements 2019

### TEHSIL WISE INCHARGE

Tehsil Multan	Tehsil Shujabad	Tehsil Jalalpur Pirwala
Muhammad Faheem Sub-Engineer Ph # 0300-8636284	Muhammad Arif, Sub-Engineer Ph # xxxxxxxxxxxx	Muhammad Saleem, Sub Engineer Ph #03006356532

### TEHSIL MULTAN:

Sr.No	Name of employee	Designation
1	Allah Ditta Shahid S/o Nazeer Ahmed	Mate
2	Zaffar Iqbal S/o Ghulam Rasool	Mate
3	Javed Akhtar S/o Umeed Ali	Baildar
4	Sabir Ali S/o Anwar-ul-Haq	Baildar
5	Muhammad Hanif S/o Allah Buxsh	Baildar
6	Sarfraz S/o GHulam Muhammad	Baildar
7	Iftikhar Ahmed S/o Muhammad Abdullah	Baildar
8	Ghulam Shabir S/o Allah Rakha	Baildar

9	Muhammad Shahid S/o Allah Rakha	Baildar
10	Qaidr Buxsh S/o Muhammad Buxsh	Baildar
11	Shoukat Ali S/o Ghulam Yasin	Baildar
12	Munir Ahmed S/o Muhammad Aslam	Baildar
13	Zaffar Hussain S/o Buddha	Baildar

### TEHSIL SHUJABAD:

Sr.No	Name of employee	Designation
1	Muhammad Aslam S/o Allah Diwaya	Mate
2	Abdul Hameed S/o Sultan Mehmood	Baildar
3	Altaf Hussain S/o Shams-ud-Din	Baildar
4	Muhammad Amir S/o Riaz Hussain	Baildar
5	Muhammad ajmal S/o Muhammad Afzal	Baildar
6	Rahim Buxsh S/o Muhammad Qasim	Baildar
7	Muhammad Umer Hayyat S/o Muhammad Ramzan	Baildar
8	Jafir Abbas S/o Muhammad Shahid Parvaiz	Baildar

### TEHSIL JALALPUR PIRWALA:

Sr. No.	Name of employee	Designation
1	Muhammad Fakhar-ul-Hasnain S/o Abdul Wahid	Mate
2	Khuda Buxsh S/o Allah Buxsh	Baildar
3	Muhammad Riaz S/o Gull Muhammad	Baildar
4	Ahmed yaar S/o Muhammad Ramzan	Baildar
5	Nazeer Ahmed S/o Ghulam Rasool	Baildar
6	Muhammad Ashiq S/o Muhammad Buxsh	Baildar
7	Allah Ditta S/o Din Muhammad	Baildar

## DETAILS OF MACHINERY

The detail of Machinery of CO Unit Qadir Pur Raan & Makhdoom Rasheed, is given as under:-

1. De watering Set	2
2. Tractor with Trally	1
3. Tractor with front loader	1
4. Sucker Machine	1
5. Jet Machine	1

# از دفتر میونسپل کمیٹی شجاع آباد

## Contingency Flood Plan 2019

### 1- مقاصد

حکومتی ہدایات کی روشنی میں ممکنہ سیلاب 2019 کے حوالے سے اقدامات کرنا، متاثرین سیلاب کو سہولیات کی فراہمی اور اس مقصد کے لئے دیگر محکمہ جات سے تعاون کو یقینی بنانا۔ کسی بھی ایمر جنسی حالات میں ادارہ ہذا کی مشینری، ملازمین کی موجودہ Strengths سے حالات پر قابو پانا مقاصد حصہ ہونگے۔ مقاصد کے حصول کے لئے ادارہ ہذا کی تمام کاوشیں حکومتی اقدامات کی معاونت میں پیش پیش ہونگی۔

### 2- اقدامات

سیلاب کی ممکنہ صورتحال کے پیش نظر درج ذیل تفصیل کے مطابق اقدامات کو حتمی شکل دی گئی ہے تاکہ متاثرین سیلاب کو سہولیات کی فراہمی میں کسی قسم کی رکاوٹ کا سامنا نہ ہو۔ علاوہ ازیں تازہ ترین صورتحال کے پیش نظر مجاز آفیسران تک معلومات بہم پہنچتی رہیں۔

### 3- کنٹرول روم کا قیام

انچارج کنٹرول روم (کامران خان سینٹر کلرک) 0306-7705725

سیلاب کی صورتحال سے آگہی کو یقینی بنانے کے لئے دفتر میونسپل کمیٹی شجاع آباد میں کنٹرول روم کا قیام عمل میں لایا جائیگا اس سلسلہ میں لینڈ لائن نمبر آلات کر دیا گیا ہے جہاں موصولہ شکایت اور اس کے ازالہ کے لئے مجاز آفیسران کو آگاہ کیا جاسکے گا۔ لینڈ لائن نمبر 061-4396715

### 4- تفصیل مشینری

انچارج مشینری (ظفر اقبال بھٹی سب انجینئر) 0300-7308331

ایمر جنسی حالات سے نمٹنے کے لئے ادارہ ہذا کے پاس ذیل تفصیل کے مطابق مشینری درست حالت میں موجود ہے جس سے کسی بھی ممکنہ صورتحال کے پیش نظر مدد لی جاسکے گی۔

2	فائر بریگیڈ گاڑیاں
2	ڈی وائرنگ سیٹ
4	ٹریکٹر میسی

3	ٹرائیاں
1	واٹر بوزر
1	سکر مشین
1	چینگ مشین
45	شامیانے
2	جزیر

## 5- تفصیل ملازمین

انچارج شعبہ صفائی (خلیل احمد ملک ہیڈ کلرک) 0302-7323424

109	سینٹری ورکرز
9	بیلداران
3	مالیان

چیف آفیسر  
میونسپل کمیٹی شجاع آباد

# FLOOD CONTINGENCY PLAN 2019



## MUNICIPAL COMMITTEE, JALALPUR PIRWALA

### INTRODUCTION.

Two rivers namely Chanab and Satluj flow through this sub-division. High flood during flood season (June to September) is likely to cause loss to human lives and property. These rivers are not in the limit of Municipal Committee however to meet any untoward incident during this period the necessary arrangements have been made.

### INTENSION:

- 1: To ensure protection of flood Bunds.
- 2: To ensure safety and protection of lives and property.

### FOCAL PERSON:

ShoukatMehmoodBuzdar MO (Infr.) 0302-6874133

### TRANSPORTATION:

Sector Incharge will be Incharge of transportation in case of flood. In order to transport people from affected areas to respective relief camps in this regard, the local Administration will have to obtain all the private transportation available specially Buses, Tractors, Trucks & Trolleys.

### MEDICAL FACILITIES:

Deputy District Officer Health Jalalpur Pirwala will be the Incharge for Medical relief work and will be responsible to provide all necessary medicines with the deputation of sector Medical Officer at the prescribed centers. He will also ensure availability of Medicine as well as Ambulance. Anti-snake measures and anti diarrhocal measures will be adopted on top priority basis.

Similarly the Veterinary officer Jalalpur Pirwala will be responsible to provide necessary Medicines relating to diseases of Animals. He will also ensure availability of vaccine/Medicines to meet the requirements.

### FODDER & BHOOSA FOR ANIMALS:

The secretary Market Committee Jalalpur Pirwala will be responsible to provide fodder & Bhoosa etc for animals in the affected areas.

## **EVACUATION:**

The sector Incharge will keep liaison with the Canal Office in case of Low flood, the public residing near the river beds will be cautioned accordingly. The sector Incharge shall ensure that the public residing within the Beds of Rivers are informed through Patwaries and Police of the areas and above all making announcements in Mosques over loud Speaker. In case of high flood, the sector Incharge with the assistance of their Police Incharge will carry out evacuation from the affected areas to the safer places. The sector Incharge will ensure maximum assistance to the public in evacuation in order to avoid any loss to life and property.

## **PHASES OF EVACUATION:**

The phases of evacuation will be:-

- a) **WARNING** . This will be given through proactive patwaries/ Police by making announcement in the Mosque through Loudspeakers.
- b) **ORDER TO MOVE.** This shall be in the same manner as mentioned at (a) above.
- c) **MOVEMENT.** The public in the river beds shall be compelled to move out of the areas which are likely to be affected by flood, with the help of Police.
- d) **SHELTER.** Shelter will be provided at the relief camps with tents/Building etc.
- e) **RETURN.** Normally when the flood is over, the people of affected areas will be returned to places living of their own. However, help will be provided if needed at any relief camp.

## **PATROLLING:**

The Canal officer will make special teams for patrolling on safety bunds. The sector Incharge will also seek assistance of DSP, Jalalpur Pirwala who will provide necessary police force for the safety of flood bunds.

## **AGRICULTURE ENGINEERING DEPARTMENT:**

The assistant Agriculture Engineer will ensure the availability of bulldozers at short notice in case of danger to the flood protection bunds.

## **DEWATERING SET:**

Dewatering sets of MC, Jalalpur Pirwala will be kept in order during flood emergency.

## **IRRIGATION DEPARTMENT:**

The irrigation department will ensure effective warning communication System Deployment of Machinery at vulnerable points and staff should be on the Job. SDO, irrigation will keep constant, vigilance on the bunds and will remain in touch with Assistant Commissioner, Jalalpur Pirwala.

## **VACCINATION:**

For the purpose, District Health Officer, Multan and Deputy Director, Livestock, Multan shall be asked to start vaccination to human being as well as livestock respectively before flood season in the affected areas.

## **SUPPLY OF BOATS:**

District Officer Civil Defense will provide boats for evacuation. Secondly the Boats shall be obtained from the army for evacuation if needed.

## **SUPPLY OF ESSENTIAL ARTICLES TO RELIEF CAMPS:**

The Tehsildar, Jalalpur Pirwala will be the Incharge to collect essential articles i.e Flour, Ghee, Pulses, sugar, search light.

### **CONTROL ROOM:**

Control Room has been established in MC Office Jalalpur Pirwala. Telephone No: 061-4210334 which will work round the clock. The Incharge of control room will be Muhammad Iqbal, Office Superintendent MC Jalalpur Pirwala who will also ensure presence of staff time to time as per duty roster. All important information will be passed on the Control Room by the Sector Incharge which will be submitted to the undersigned without any loss of time for onward transmission to the District Control Room in District Officer (Collector, Multan). Assistant Commissioner will be the over-all Incharge for flood duties.

### **LIST OF RELIEF CAMPS**

#### **RELIEF CAMPS**

- 1: Government Boys Degree College Jalalpur Pirwala.
- 2: Government Girls Degree College Jalalpur Pirwala.
- 3: Government Boys High Secondary School Jalalpur Pirwala.
- 4: Government Girls High School Jalalpur Pirwala.
- 5: Government Technical Education (TEVTA), Jalalpur Pirwala.
- 6: Mushtaq Lang Sports Stadium for Tents (Khaima Basti) available in MC Jalalpur Pirwala.

### **LIST OF IMPORTANT TELEPHONE NUMBERS:**

<b>Sr.#</b>	<b>Name of Office.</b>	<b>Telephone Numbers</b>
1:	Assistant Commissioner Office	061-4212232, 03317980148
2:	MC/Control Room/MC Office	061-4210334
3:	DSP/SDPO, J.P.P	061-4210235
4:	SHO. City,	061-4210529
5:	SHO. Saddar	061-4210020
6:	THQ Hospital	061-4210554
7:	Wapda Grid Station	061-4210552
8:	Market Committee Jalalpur Pirwala	061-4210457
9:	Govt. Higher S.S J.P.P	061-4210535
10:	Wapda Office	061-4210538

#### **DETAIL OF FLOOD EQUIPMENT MACHINERY AVAILABLE IN MC JALALPUR PIRWALA**

1.	Tractor	04 (03 Tractor + 01 Loader)
2.	Trolleys	04
3.	Dewatering Set	04
4.	Jetter Machine	01
5.	Generator 150 KV	01

# FLOOD CONTINGENCY PLAN 2019



## SOCIAL WELFARE DEPTT. MULTAN

### PRE-FLOOD ACTIVITIES.

- Early Flood warning system should be made strengthened & effective by the help & coordination of NGOs.
- Different line departments which had a role in Emergency and Flood preparations like Civil Defense, Metrological Department, Rescue 1122 Department, Revenue Department, Agriculture Department, Irrigation Department, Live Stock Department, Health Department, Public Health Engineering Department and etc.
- Vacation of the people from flood prone communities replacement will at the safe places (camps).
- Made a close coordination with the other line department regarding their services and plan for the subject (Pre-Flood Activities).
- To establish Relief Camps / Centers.
- To arrange volunteers to perform the duty in hours of need.
- Rehabilitation of services will be provided through help of NGOs and Philanthropists.
- Cooked food will be provided to rain's /flood effected peoples through NGOs /Market Committees.
- Dry ration will be provided to rain's / Flood effected peoples at the medical camps.
- Medicines will be provided through NGOs / Chemists and Drug Association.
- To help the peoples to come out from rain / flood effected areas.

- Mobilization through NGOs.

## **PLACES OF CAMPS.**

1.	BAND BOSAN	MULTAN
2.	NAWABPUR	MULTAN
3.	QASIM BELA	MULTAN
4.	SHER SHAH	MULTAN
5.	BINDA SANDEELA	MULTAN
6.	SOMAN	SHUJABAD
7.	MOCHIPURA	SHUJABAD
8.	GARDEZ PUR	SHUJABAD
9.	KHAN BELA	JALALPUR PIRWALA
10.	WACHA SANDEELA	JALALPUR PIRWALA

# FLOOD CONTINGENCY PLAN 2019



## MEPCO, MULTAN

Enclosed find herewith duties of staff deputed in control rooms established at MEPCO (Op) Circle Multan as well as relevant Divisional Offices to meet with any kind of flood emergency, please.

### ESTABLISHMENT OF CONTROL ROOM UNDER MEPCO CIRCLE MULTAN TO MEET ANY KIND OF FLOOD EMERGENCY

Sr. No	Name of Official	Designation	Duration		Phone No. Land Line	Mobile No.
			From	To		
<b>MEPCO (Op) Circle Multan</b>						
1	<b>Muhammad Umer Lodhi</b>	<b>Addl. C.E</b>			<b>061-9220258</b>	<b>0330-6188880</b>
2	Arshad Munir Daha	Dy. Director (Tech)	<b>Overall monitoring / Focal Person at Circle Level</b>		061-9220198	0330-8088330
3	Khalid Kamran	TCC	<b>General Shift</b>		061-9220273	3006356417
4	Atta Muhammad	LD			061-9220273	3009639925
5	Muhammad Riaz	N/Q			061-9220273	3068952704
6	Nazir Ahmed	S/W			061-9220273	3082094754
<b>MORNING SHIFT</b>						
1	Rana Mazhar Lateef	LS-I/AM (CSC)	6:00 AM	2:00 PM	061-9220273	0300-7348895

2	Muhammad Ashraf	MR / TCC	6:00 AM	2:00 PM	061-9220273	0331-7130513
3	Mirza Saleem	MR / TCC	6:00 AM	2:00 PM	061-9220273	0304-4712675
<b>EVENING SHIFT</b>						
1	Qammar Ul Haq Siddiqui	LS-I	2:00 PM	10:00 PM	061-9220273	0330-8082580
2	Ayaz Ali	M/R	2:00 PM	10:00 PM	061-9220273	03067471758
3	Muhammad Ramzan	LD	2:00 PM	10:00 PM	061-9220273	03017739117
4	Muhammad Talib	N/Q	2:00 PM	10:00 PM	061-9220273	03036918499
<b>NIGHT SHIFT</b>						
1	Basit Khaleeq	LS-I	10:00 PM	6:00 AM	061-9220273	03017431306
2	Muhammad Raza Ali	ALM/TCC	10:00 PM	6:00 AM	061-9220273	0307-3244171
<b>Cantt Division</b>						
1	Muhammad Ali Yasir	Addl. XEN	<b>Overall monitoring / Focal Person at Division Level</b>		061-9330545	0335-8881156
2	Muhammad Sarfraz	LS-I	Incharge		061-9330545	0300-7198509
3	Liaqat Ali	LS-I	6:00 AM	2:00 PM	061-9330545	0300-7198509
4	Muhammad Arif	LM-II	2:00 PM	10:00 PM	061-9330545	0304-8291536
5	Faiz mujtaba	LM-II	10:00 PM	6:00 AM	061-9330545	0308-7305315
<b>City Division</b>						
1	Malik Arif Wains	XEN	<b>Overall monitoring / Focal Person at Division Level</b>		061-9200518	0335-8881157
2	Mansoor Ahmad	LS / TA	Incharge		061-9200518	0303-0055547
3	Muhammad Shahzad Ali	LDC	6:00 AM	2:00 PM	061-9200518	0300-7367068
4	Danish Ishfaq	LDC	2:00 PM	10:00 PM	061-9200518	0322-6650492

5	Fida Hussain	ALM	10:00 PM	6:00 AM	061- 9200518	0300- 7382963
<b>Musa Pak Division</b>						
1	Malik Muhammad Ishfaq	XEN	<b>Overall monitoring / Focal Person at Division Level</b>		061- 6513807	0335- 8881057
2	Hafiz Rizwan Mehmood	Add: SDO/TA	Incharge		061- 6513807	0300- 6306024
3	Muhammad Rizwan	ALM	6:00 AM	2:00 PM	061- 6513807	0300- 6383248
4	Muhammad Akram	ALM	2:00 PM	10:00 PM	061- 6513807	0301- 6844822
5	Najam ul Hassan	MR	10:00 PM	6:00 AM	061- 6513807	0308- 7387511
<b>Shujabad Division</b>						
1	Shahzad Raee	XEN	<b>Overall monitoring / Focal Person at Division Level</b>		061- 4396055	0330- 8088331
2	Ghulam Murtaza	H/C	Incharge (Cell No. 0306-7382244)			
3	Muhammad Amir	ALM/ TCC	6:00 AM	2:00 PM	061- 4396055	0301- 7504118
4	Tariq Mehmood	MR / TCC	2:00 PM	10:00 AM	061- 4396055	0303- 8821220
5	Khurram Shahzad	ALM / TCC	10:00 PM	6:00 AM	061- 4396055	0308- 8609016



## **FLOOD CONTINGENCY PLAN 2019** **SUI NORTHERN GAS PIPELINES LIMITED ,** **MULTAN)**

This is with reference to the DDMA meeting held on 27.03.2019 at 12:00AM in Committee Room of Deputy Commissioner Office Multan. In this connection our following staff members will remain n stand by duty to meet any emergency arising due to flood to safeguard the gas installations.

S. No.	Name	Designation	Cell No.
1	Mr. M. Irfan Ashhad	Sub Engineer	0315-7788992 0322-6153423 0300-7338663
2	Mr. M. Uzair	Sub Engineer	0300-7192032
3	Mr. Waseem Rasool	Sub Engineer	0306-6089054

In addition to above we have also deputed the following mentioned staff of SNGPLto cater any gas related activity/emergency in the area of their jurisdiction as mentioned below.

➤ **Multan City Area & Suburbs:-**

S. No.	Employee Name	Designation	Cell No.
1	Mr. Mukhtar Ahmad	Dy. Forman Welding	0306-7346704
2	Mr. Muntazir Mehdi	Welder Helper	0306-5804622
3	Mr. M. Ishfaq	Dope Helper	With his team
4	Mr. M. Ejaz Ahmad	Welder Helper	0306-7346704
5	Mr. Fahim Ahmad	Welder	03016144066
6	Mr. Abubakar Rasheed	Welder Helper	0308-7761095
7	Mr. M. Kashif	Dope Helper	With his team
8	Mr. Imran Munir	Welder Helper	0300-6376351
9	Mr. Salman Khan	Welder Helper	0307-3783600
10	Mr. M. Shahid	Dope Helper	0300-6301792
11	Mr. Naveed Abbas	Welder	0302-7438110
12	Mr. Faizan Masood	Welder	0300-6367106

13	Mr. Faisal Ilyas	Welder Helper	0317-6797564
14	Mr. Nadeem Akhtar	Dope Helper	With his team
15	Mr. M. Shahid	Grinder Man	With his team
16	Mr. M. Ejaz	Sup. welder	0306-8277124
17	Mr. Ali Ferman	Welder Helper	0305-5536024
18	Mr. Abdul Rasheed	Dope Helper	0308-7761095
19	Mr. Ejaz Ahmad	Sup. Dope Man	03006988703
20	Mr. Muhammad Naveed	Helper Fitter	With his team
21	Mr. M. Hussain	Sup.Utilization	03066222727
22	Mr. Irfan	Helper Fitter	0345-7334368
23	Mr. Mehboob Ahmad	Sr. Sup. Fitter	0300-6363996
24	Mr. Abdul Rehman	Fitter	0308-8667881
25	Mr. Umer Khatab	Helper Fitter	0305-7796849
26	Mr. M. Ashfaq	Sr. Sup. Fitter	0345-7334360
27	Mr. Mushtaq Ahmad	Sup. Fitter	0300-7389817
28	Mr. M. Usman	Helper Fitter	0300-7389817
29	Mr. Syed Hassan Ali	Driver	0308-7214129
30	Mr. M. Imran Khan	Dy. Insp PL	0300-6351987
31	Mr. Khalid Mehmood	Dy. Insp PL	0307-0652466
32	Mr. Naveed Ahmad	Sr. Sup. PL	0300-6376743
33	Mr. M. Bilal	PLA	0303-7866631
34	Mr. Shabbir Butta	PLA	0300-6307309
35	Mr. Abid Saif Ullah	PLA	0300-6340328
36	Mr. Abdul Rehman	PLA	0301-7431921
37	Mr. Mohsin Raza	PLA	0308-8492139
38	Mr. Nadeem Abbas	PLA	0304-7750005
39	Mr. Abdul Raheem	PLA	0302-6995646
40	Mr. Abdul Rehman Abid	E.D.C	0300-6377284
41	Mr. M. Shehzad	E.D.C	0302-2760571
42	Mr. Khursheed Anwar	E.D.C	0345-8466467
43	Mr. Mohiuddin	E.D.C	0333-4332291
44	Mr. Shoaib	E.D.C	0345-0670017
45	Mr. Azhar Hussain	E.D.C	0301-7424850
46	Mr. Shafqat Hussain	E.D.C	0333-4449666
47	Mr. Qaswer Abbas	E.D.C	0307-6202949
48	Mr. Ameer Ali	E.D.C	0333-9632100
49	Mr. Altaf Hussain	Sr. Sup. Fitting	0301-7408523
50	Mr. Hamid Bhatti	Fitter	0300-6361688
51	Mr. Akhtar	Fitter	0345-7344457
52	Mr. Sahfiq u Rehman	Fitter	0300-6322150
53	Mr. M. Ishaq	Fitter	0305-6916403
54	Mr. M. Ishfaq	Fitter	0303-9882572
55	Mr. Hamid Raza	Fitter	0300-7348282
56	Mr. Ali Ahsan	Fitter	0300-2953064
57	Mr. Atta Muhammad	Fitter	0320-1723954
58	Mr.Hafiz Amin	Helper Fitter	0300-6322150

50	Mr. Qasim	Helper Fitter	0300-6339173
61	Mr. Imran	Helper Fitter	0303-9639330
62	Mr. Abdul Rehman	Helper Fitter	0306-5380439
63	Mr. Qurban Ali	Helper Fitter	0303-6938752
64	Mr. Azhar	Helper Fitter	0300-7075430
65	Mr. Muhammad Imran	Helper Fitter	0302-2332577

In the meantime we assure you of our best cooperation & services at all times.

# TELEPHONE DIRECTOR DISTRICT LINE DEPARTMENTS, MULTAN

Sr.#	Name	Desig.	Office No.	Resident No.	Email ID	Mobile No.	Fax No.
1	Imran Sikandar Baloch	Commissioner, Multan Division Multan	061-9200044 061-9200048	061-9200068	shoaibhusain@gmail.com		061-9200971
2	M. Waseem Khan	Regional Police Officer Multan	061-9200425	061-9200424	rpomultan15@gmail.com		061-9200863
3	Aamer Khattak	Deputy Commissioner Multan	061-9200042 061-9200043	061-9200045	dco.multan.it@gmail.com		061-9200725
4	Imran Mahmood	City Police Officer	061-9200476	061-9200474	dpomultan@yahoo.com	0309-7772003	061-9200437
5	M. Kashif Aslam	SSP (Operations)	061-9200865	061-9201410	dpomultan@yahoo.com	0309-7772004	061-9200437
6	Huma Naseeb	Chief Traffic Officer, Multan	061-9200657	-	ctomultan@yahoo.com	0300-6324024	061-9200656
7	Hafiz M. Khizar	DSP, Special Branch Multan	061-9200441 061-9200480	-	sebra.mul@gmail.com	0300-6339233	061-9200460
8	Agha Zaheer Sherazi	Additional Deputy Commissioner (Revenue)	061-9200073	061-9200091	doc.mtn1@gmail.com	0321-8691214	061-9200976
9	Kareem Bukhsh Malik	Additional Deputy Commissioner (General)	061-9200578	-	adcgmultan@gmail.com	0300-8035051	061-9200725
10	Tanveer Yazdan	Additional Deputy Commissioner (F&P)	061-9200038	-	edofnmpul@gmail.com	0333-3984555	061-9200039
11	Malik Shafique Ahmad	Additional Deputy Commissioner HQ	061-9200049	-	-	0345-7306500	061-9200725
12	Mansoor Qazi	Assistant Commissioner City Multan	061-9200089	-	acmultan.city@gmail.com	0333-7403699	-
13	Tayyab Khan	Assistant Commissioner Saddar Multan	061-9200784	-	ac.saddar.multan@gmail.com	0308-0110838	-
14	Saeed Ahmad	Assistant Commissioner, Shujabad Multan	061-4396480	-	acshujaabadmln@gmail.com	0323-4575608	-
15	Ahmad Raza	Assistant Commissioner, Jalalpur Pirwala Multan	061-4212232	-	acjalalpur@gmail.com	0300-6468808	-
18	Shamsher Ahmad	CEO, District Education Authority Multan	061-9210035	-	ceodeamultan@gmail.com	0301-7462980	061-9210209
19	Dr. Munawar Abbas	CEO, District Health Authority Multan	061-9200902	-	Edohealth.multan@punjab.gov.pk	0312-9233333	061-9200903
20	Mian Manzoor Ahmad	Deputy Director Agriculture (Ext.) Multan	061-9200748	-	doaextmultan@hotmail.com	0345-2009988	061-9200314
21	Nasir Sultan	District Disaster Management Coordinator PDMA Multan	061-4507415	-	ddmc_mul.piu@pdma.gop.pk	0336-7920307	-
22	M. Anwar Ch.	Additional Director General MDA Multan	061-9200832	-	mda_mln@yahoo.com	0304-8288777	061-9200833
23	Rao M. Qasim	Managing Director WASA Multan	061-9200572	-	Wasa_mln@yahoo.com	0322-6147273	061-9201133
24	Ameer Daud Pota	Divisional Superintendent Railways Multan	061-9200619	-	dsprmultan@gmail.com	0333-2126760	061-9200256
25	Umer Lodhi	Superintendent Engineer, MEPCO Multan	061-9200258	-	momultan@live.com	0300-6327727	-

26	M. Muneer Anjum	XEN, Irrigation Shujabad Canal Multan	061-9200699	-	Xenshujabad_canal@yahoo.com	0300-7480932	061-9200699
27	Zameer Ahmad	XEN, Irrigation Multan Canal	061-9200679	-	multan Canal@yahoo.com	0300-7803627	061-9200679
28	Iqbal Fareed	Chief Officer, District Council Multan	061-9200298	-	districtcouncilmn@gmail.com	0333-6474444	061-9200299
29	Iqbal Fareed	Chief Officer, Municipal Corporation, Multan	061-9330331	-	mcmco786@gmail.com	0333-6474444	061-9330329
30	Shamsher Ali (Addl.Charge)	Chief Officer, Municipal Committee Shujabad	061-4397115	-	mcs shujabad@gmail.com	0301-3055822	061-4397115
31	Shamsher Ali	Chief Officer, Municipal Committee Jalalpur Pirwala	061-4210334	-	mcjalalpurpirwala@gmail.com	0301-3055822	061-4210334
32	Capt. Haseeb Akram	HQ Engineer, 2 Corps Pak Army Multan	061-4516604	-	-	0333-8743070	061-4516604
33	Mrs. Fatima Khan	Civil Defence Officer, Multan	061-9200706	-	-	0332-6644499	061-9200706
34	Rana M. Javed	Deputy Director Social Welfare Multan	061-9200554	-	Dosw786mn@gmail.com	0300-7342475	061-9200554
35	Dr. Kaleem Ullah	District Emergency Officer (Rescue 1122), Multan	061-9220305	-	deo.mul@rescue.gov.pk	0323-4018426	061-9220309
35	M. Asif Iqbal	SNA/Focal Person Flood Control Room	061-9200963	-	Snamultan.11@gmail.com	0300-6309301	061-9200725
36	Control Room Rescue 1122	-	061-9220305	-	deo.mul@rescue.gov.pk	-	-