

PRE-FLOOD ARRANGEMENTS FOR 2018



DISTRICT DISASTER MANAGEMENT AUTHORITY KHUSHAB

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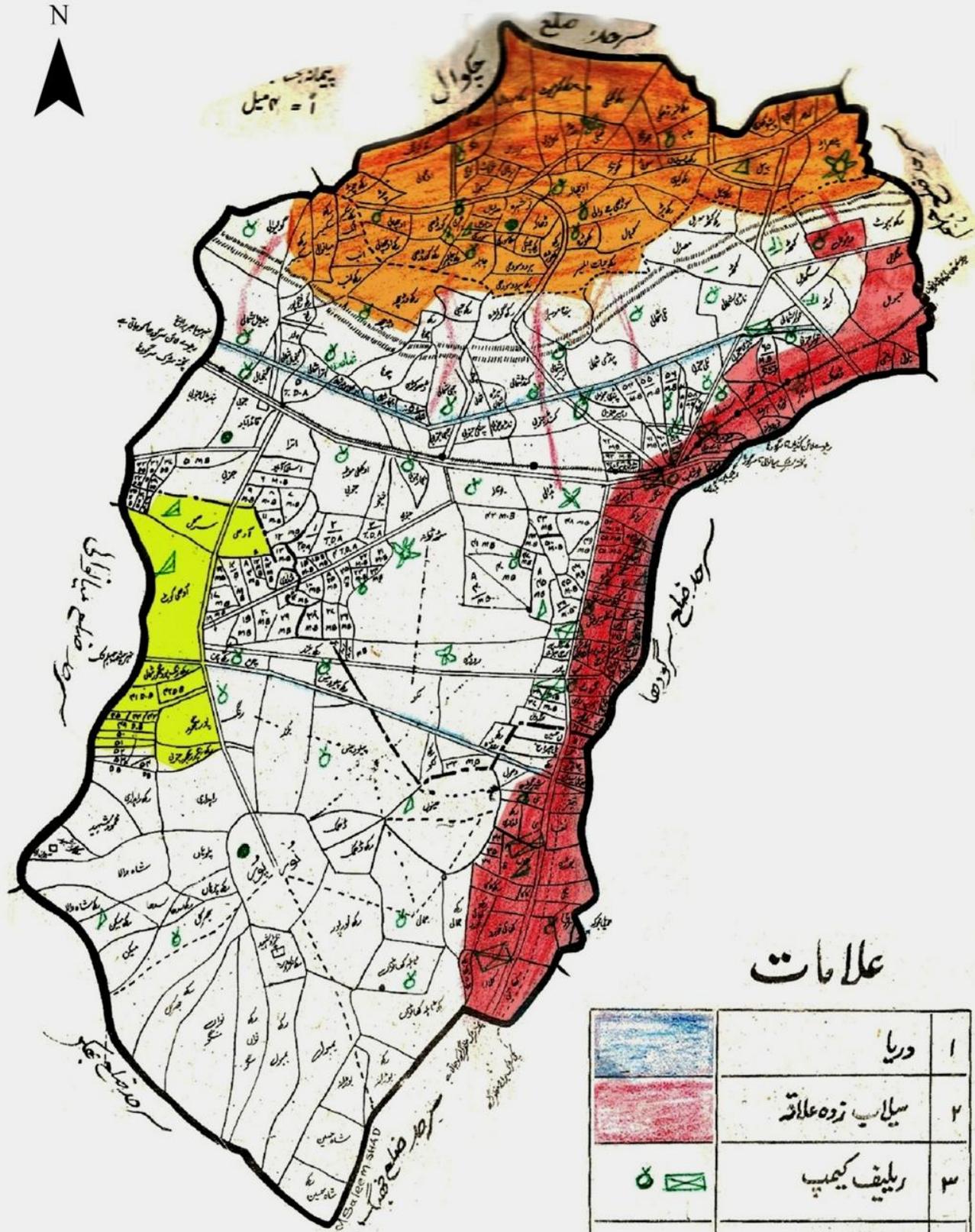
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INTRODUCTION

Flood is caused by natural forces, which are beyond human control. We can, however, reduce the damages caused by floods. In the year 1976, the flood / rain caused havoc and devastation in the areas of Khushab Tehsil. Similarly due to flood havoc in River Jhelum, in the year 1992 vast tracts of land were completely inundated by flood water which caused considerable damages to various crops, houses and other property. The means of communication were disrupted and roads were badly damaged and about 56 villages were badly affected by flood water in the District. In 1999 flood, means of communication particularly Main Sargodha Mianwali Road at Namewali Dip were disrupted. In order to provide effective relief to flood affected persons, It is essential to work out a plan for the District which should contain all aspect of flood situation so that at the time of any emergency, we are able to combine all-out resources in a systematic manner for providing adequate relief to the flood affected people. It is fact that effective and adequate precautionary measures can save the population from the onslaught of floods. The Flood Scheme has been of the duties visualized in the scheme is a sacred trust. It is hoped that all the Departments and Agencies will rise to the occasion and coordinate the efforts to provide relief to the suffering people.

Amjad Bashir

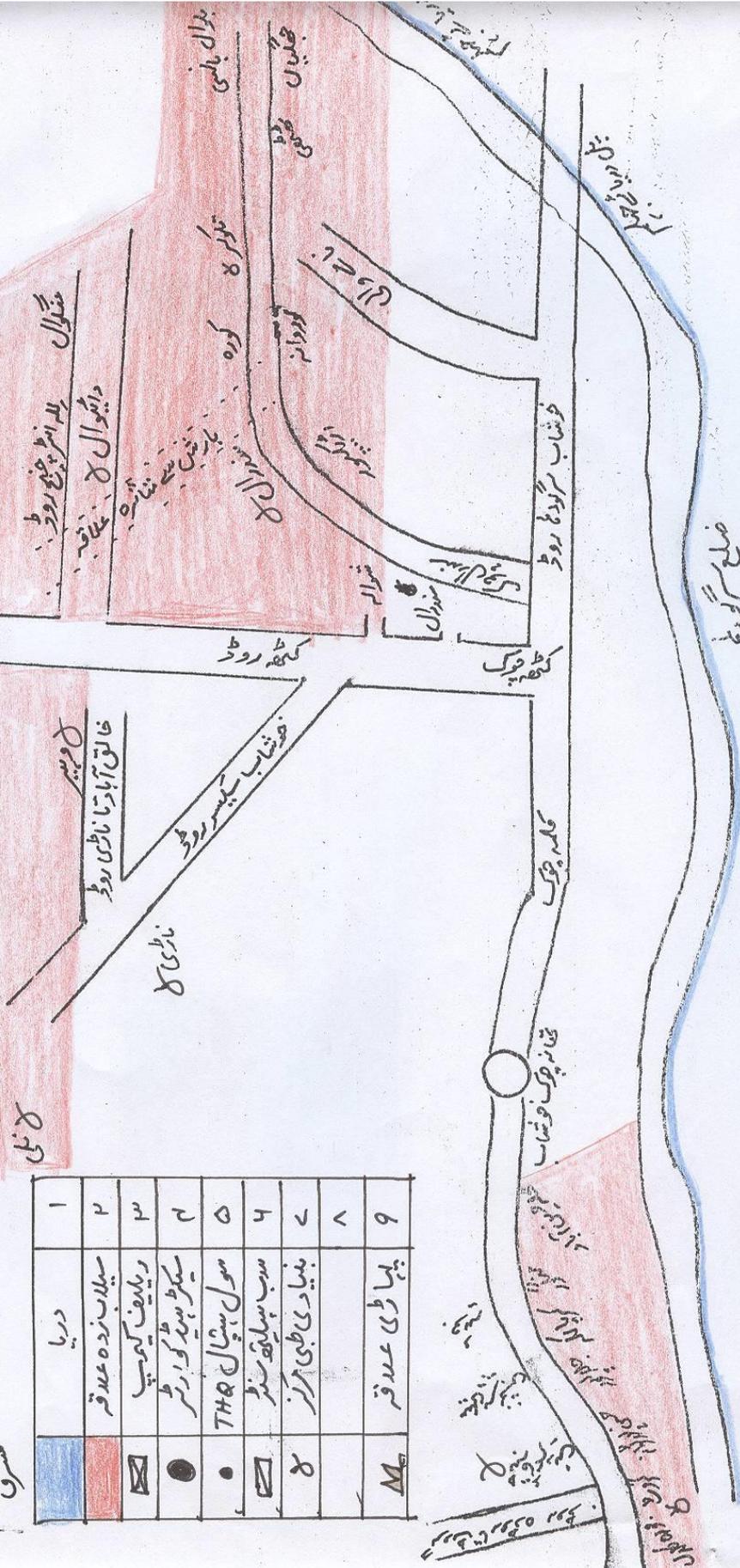
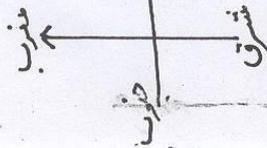
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Chairman DDMA
Khushab**



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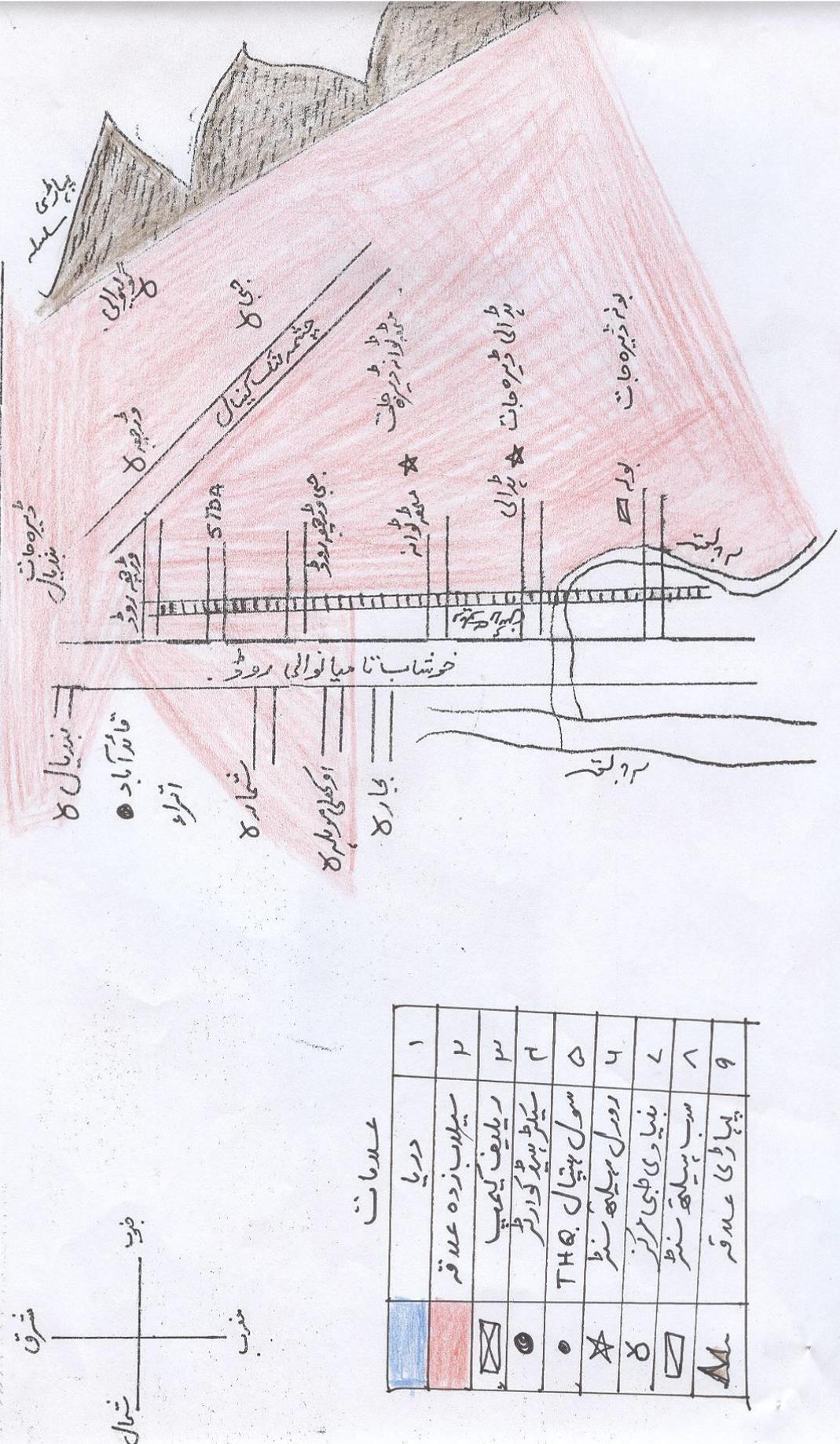
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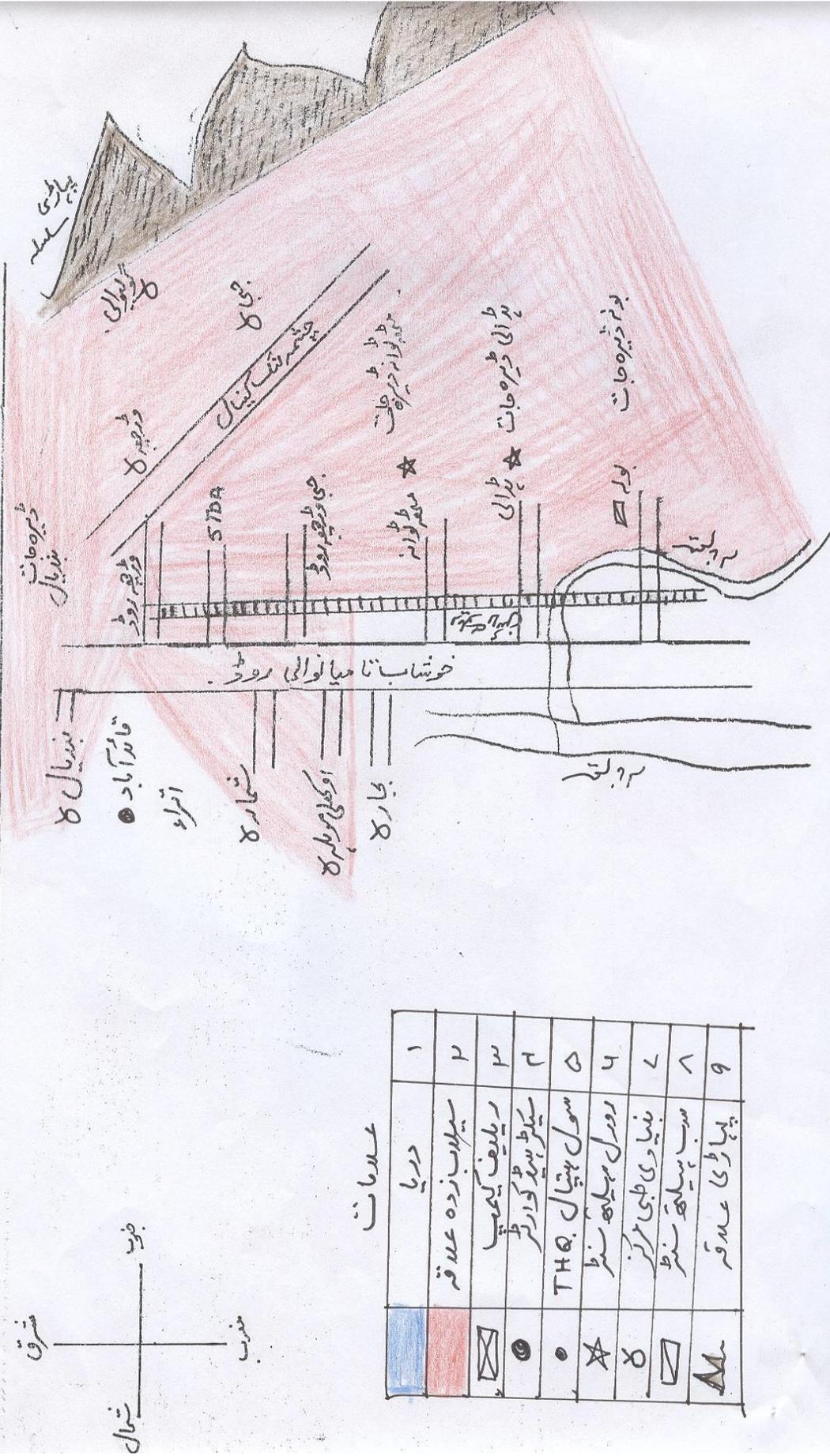
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GENERAL

- 1) This District was earlier a part of Sargodha District and was declared as an independent district w.e.f 01.07.1982. River Jhelum runs on its East and the Katcha area along the river is mainly hit by the floods. Flood warnings are received from Mangla and Rasul Head Works specifying discharge in the Jhelum River.
- 2) The District was affected by heavy rains / floods in the year 1976 , 1986, 1992, 1995, 1997, 1999, 2010, 2011,2014 and 2015 was affected by Hill Torrents due to heavy Rains in the last week July, 2015.
- 3) A great part of the District is affected by River Jhelum which runs along the Eastern boundary of Khushab and Noorpur Tehsil, It enters in this District from village Balwal and flows through the Khushab and Noorpur Thal Tehsils and after covering a distance of about 150 kilometers it enters Jhang District.
- 4) District Khushab is mainly affected due to flood water in river Jhelum and Hill torrents in the hilly area of Soon valley and Mohar area. Over flow on the right bank of river Jehlum along the eastern boundary of district causes damage to the river riverine area of the district.
- 5) A large number of villages were inundated by flood water during the year 1992, 1995, 2010 and 2014 as a result of which considerable loss was caused to various crops and other properties, many houses were washed away and a good number of cattle were lost.
- 6) **(A)** The damages caused by the flood water of River Jhelum in Khushab Tehsil are much less than the damages caused in adjoining Districts for the water level. In Khushab, Quaidabad Tehsil hill torrents also caused damage during the rainy season in 1992 and 2015. The Town of Naushera and surrounding villages which were located in the mountainous range at the height of 3000 feet above sea level) were hit by hill torrents. In the same year, Hadali and Mitha Tiwana Drains also remained over-flowed due to heavy rains in the hilly tract and the rushing water of the hill torrents caused considerable damages to crops and houses in the surrounding villages. In the

year 1998 village Golewali was hit by hill torrent rains and during in year 2015 due to heavy rains / Hill Torrents were affected the many villages of Tehsil Quaidabad and Khushab i.e Hadali, Mitha Tiwana, Bijar, many areas of Jauhrabad and Bola along with Chak 40MB, 41MB, 42MB, 43MB, 44MB. Villages Bheen, Sher Garh, Tiba Qaim Din, Thati Khalalbhan , Tetri, Jaura Kalan and Hassan Pur Tiwana and badly affected by river erosion. Villages Rajar & Kora are also suffering from river erosion.

- 7) **(B)** In September 1992, the discharge of Jhelum River at Rasul Head work was recorded to be 10,25,000 cusecs per second which was very high flood. An area measuring about 1,15,677 acres was inundated and about 11,578 houses were washed away and damaged. Population of 1,21,034 was affected by River action as well as hill torrents. The Standing crops were completely damaged. In 1994, Maximum discharge was 58,000 Cusecs
- 8) **(C)** In July 1995, on 30.07.1995 maximum discharge at River Jhelum was 1,93,500 Cusecs per second which blocked the Main Sargodha -Khushab Highway road at dip near village Namewali and Khushab. Road remained Water. In 1996 maximum discharge at Rasul was 1,38,170 Cusecs and Bridge Khushab was 1,36,202 Cusecs per Second on 01.07.1996. In 2010 Maximum discharge was 3,26,000 cusec on 02.08.2010.
- 9) **(D)** In view of the experience of the past years, constant watch is required to highly meet the onslaughts of floods during the flood season. It is, therefore, essential that the flood protection works are completed well in time before the start of the flood season. The flood protection works have a direct bearing on the resultant damages and the relief to be subsequently provided. The irrigation Department should also finalize the location of relief huts at appropriate points during acute emergency for providing relief to villages which happens to be the direct victims of the flood water. Great care and caution will be required for fixation of the appropriate point for making relief huts at the time of need.

- 10) **(E)** The floods bring in their wake miseries and sufferings besides causing damages to crops, means of communications, houses and other property of people. It is, therefore, a sacred duty of all the officers that they should show sympathy and affection towards the flood affected persons. With this object in view, every one of them should perform this duty in an honest way and with effective manners.
- 11) **(F)** Due to Global warming and shift in weather patterns, District Khushab is Highly vulnerable, to hill torrents, rains floods & riverine floods. District Khushab has no flood, drains, however at time of heavy rains, like in 2015, the seepage, drains and canals are used to drain out water. Sustainable efforts, are required to mitigation impacts of disasters i.e a forestation, flood drains, community awareness, and sustainable development of road infrastructure.

PART-III

1. ORGANIZATION CONTROL AND RELIEF MEASURES

The flood control measures described in this scheme will be put into operation on receipt of “flood Warning” which may vary in its intensity in River Jhelum. In the case of a dangerous high flood, the entire machinery of the District Administration shall go into the top gear operation

2. DEFINITION

A) **Low Flood**

Means an indifferent overflow of water in the low lying areas along the River Bank, which is not likely to do any damages.

B) **Medium Flood**

Means a rise water level which would irrigate higher tract but would not cause any danger to the embankment.

C) **High Flood**

Means an abnormal rise in the River much above the medium flood which would cause danger to low lying area known as Hithar. It is probable that water might cross over the embankment and cause damages to the adjoining villages.

D) Hill Torrents / Heavy Rains

Means an unexpected heavy rains water converts in hill Torrents which spread in the different cities of the District Khushab as like 2015

NOTE:-

The terminology of different kinds of floods as given above is Low, Medium and High and will be taken as such in the light of the Wireless messages received from the S.P Telecommunication, Lahore, or the Mangla Head Work's Rasul Head Work Ph: 0546-553211-12 through the Canal Authorities concerned (Ph: 0454-710334 SDO Irrigation Khushab). XEN Office Ph: 0454-711747 at Khushab

HISTORY REGARDING FLOOD LIMITS IN DISTRICT KHUSHAB

FLOOD LIMITS

Flood Limits.	Jhelum at Rasool Bridge.	Jhelum D/S at Mangla.
Low	0.75 LAC Cs.	0.75 LAC Cs.
Medium.	1.10 LAC Cs.	1.10 LAC Cs.
High.	1.50 LAC Cs.	2.00 LAC Cs.
Very High.	2.25 LAC Cs.	2.25 LAC Cs.
Exceptionally High.	3.00 LAC Cs and above.	3.00 LAC Cs and above.

TIME LAG RIVER JHELUM

Flood Limits.	Mangla To Rasul	Rasul to Khushab Bridge
Low Supplies	16 to 20 Hours	22 to 27 Hours
Low Flood	15 Hours	21 Hours
Medium Floods	12 Hours	16 Hours
High Flood	10 Hours	14 Hours
Very High	10 Hours	11 Hours
Exceptionally High	<u>6 to 7 Hours</u>	8 to 11 Hours

PREVIOUS FLOOD HISTORY

Year.	Maximum discharge.	Villages/ Mauzas Affected.			Total.	Total Area affected (in acres.)
		Tehsil Khushab.	Tehsil Quaidabad.	Tehsil Noorpur.		
1992	9,52,170 Cs	44	-	12	56	1,15,677
1995	2,85,071 Cs	38	-	12	50	24,330
1997	5,49,598 Cs	40	-	13	53	48,472
2010	2,33,292 Cs	35	-	4	39	40,345
2014	1,62,000 Cs	42	-	12	54	77,235
2015	Hill Torrents	8	5	-	13	30,136

DHAK BUND

Protection Bund near village Dhak was damaged in 1997-98 which was got repaired by District Government Khushab under the supervision of Irrigation Department Khushab and work completed in year 2014 by the Agriculture Engineering Department, Khushab. Specification of the Protection Bund is not up to the mark. Irrigation department is directed to move the Government to take Bund under the control of its department so that it is properly maintained to save the lives and property of people of villages Bansi, Balwal, Dhak.

FLOOD SECTORS

Means a block of villages affected or likely to be affected by the floods for which an officer is appointed as in-charge for relief works etc.

Sr. #	Name of Sector.	Sector In-charge.
1.	Bansi Balwal to Jhelum Bridge Khushab.	Mr. Aftab Ahmad Shah Tehsildar, Khushab.
2.	Jhelum Bridge Khushab to Watto.	Mr. Hafeez Ullah Joyia, Naib Tehsildar, Khushab.
3.	Watto to Obhal.	Mr. Shahid Iqbal Naib Tehsildar, Noorpur.

SECTOR OFFICER

Means the Officer In-charge of Sector who is assisted by the Field Kanungos, Patwaris and officials of the other departments of the Halqa concerned.

CIRCLE OFFICER

Means the Officer In-charge of the Circle, he will be of the rank of Assistant Commissioner or Tehsildar. He will control and supervise the work of Sector Officer.

DISTRICT RELIEF COMMITTEE

A District Flood Relief Committee consisting of the official members has been constituted vide Appendix-I (to study all the flood problems and workout ways and means to solve them). The Committee will meet during the emergency as and when required by the Deputy Commissioner who will be the Chairman.

FLOOD WARNINGS

The Executive Engineer and all their Sub Divisional Officer In-charges of the Head Works on River Jhelum shall send a wireless message as well as postal telegram about the discharge in River to the Deputy Commissioner, District Police Officer and Assistant Commissioner about Low, Medium, and High Flood in River Jhelum. All flood telegrams received either through Government or the canal Telegraph Officer will immediately be brought to the notice of the Deputy Commissioner and the Assistant Commissioner Khushab & Noorpur Tehsils. Effective arrangements are required for prompt transmission of flood warning to the concerned circle Officer / Sector Officers and the general public. Revenue filed staff has been deputed for speedy communication of flood warnings to the people.

On receipt of flood warning from Mangla & Rasul Head Works or the Flood Commissioner in respect of River Jhelum, the Assistant Commissioner Khushab & Noorpur will take prompt action to disseminate information about floods to all concerned. All flood warnings and messages received through wireless or Telegraph by the duty officials should immediately be entered of important events. Similarly such messages and warnings shall on receipt be entered in the Roznamchas by the Halqa Patwari & SHOs concerned and also assist the secretaries of the Union Councils concerned for early flood warnings.

No warning will be issued for low floods but medium and high flood warnings will, on receipt, immediately be repeated by express telegrams, telephones, emails by high ups or wireless messages to the following:

IN CASE OF MEDIUM, HIGH FLOOD IN RIVER JHELM:

1. District Police Officer, Khushab.
2. Assistant Commissioner, Khushab.
3. Assistant Commissioner, Noorpur.
4. Chief Executive Officer (Health), Khushab.
5. Deputy Director, Livestock & Dairy Development, Khushab.
6. Tehsildar, Khushab.

7. Tehsildar, Noorpur.
8. Station Masters Pakistan Railway Khushab, Hadali, Rajar, Mitha Tiwana
9. SHOs Khushab, Noorpur, Katha Saghral, Jaura Kalan.
10. All Sector Officers concerned.

SIMILARLY IN CASE OF HILL TORRENTS WARNING WILL BE ISSUED TO THE FOLLOWING:

- Naib Tehsildar Naushehra, Katha Saghral & Tehsildar, Quaidabad.
- Station Masters Pakistan Railway Hadali, Mitha Tiwana & Quaidabad
- SHOs Mitha Tiwana, Naushera, Katha Saghral & Quaidabad

A High Flood warning may also vary in its intensity. A dangerous High Flood will be communicated as Red High Flood and the entire administration machinery shall go into full action on such signal.

On receipt of Flood Warning from Head Rasul through irrigation Department, it will be the responsibility of all the Revenue and Police officials and floods in all villages in their departments to disseminate information about communication. Horses / Cycle Riders and Special Messenger should be used where the means of communication permit. To sum up, Sector Officers will be responsible to carry out the following duties:-

- A.** To give wide publicity of the flood to every village in his beat and to satisfy himself that the inhabitants of every village are warned by beat of drum / Loud Speaker against the danger. Every officer should acquaint himself about the various problems at the time of emergency.
- B.** To evacuate the inhabitants from the dangerous zones by boats or rafts and other available sources.

- C. To afford relief and alleviate distress of people flooded villages in the shape of food quickest possible means of an important change which occurs in the flood situation.
- D. To keep Deputy Commissioner informed by telephone or through other quickest possible means of an important change which occurs in the flood situation.
- E. To watch the progress of the flood and the damage caused and to keep daily diary. Every officer will receive a copy of the flood scheme and will move immediately to the place of his duty as soon as he receives the High Flood telegram etc. as mentioned above.
- F. **ESTABLISHED FLOOD CONTROL ROOM WITH TELEPHONE NO. 0454-920215**

A Flood Control room will be established in the office of Deputy Commissioner, Khushab w.e.f 15.06.2018 under the supervision of Additional Deputy Commissioner (Revenue), Khushab as officer in-charge which will function round clock during the emergency. Add. Deputy Commissioner (Revenue) will make disbursement of relief goods, relief measures, and transport and will be assisted by the Civil defense officer and his staff. A roster for 24 hours duty will be maintained in the superintendent Office under the supervision of the Officer In-charge who will be responsible for its efficient working. The Emergency Officer will work in 3 shifts according to the volume of work and each shift will consist of besides the Emergency Officer, Add. District Collector Civil Defense Officer and Officer, and Office Assistant, One typist, one dispatcher and three peons. Three cycles will be made available for the use of peons in the Flood Control Office; the District Nazir will also be put on duty and will be responsible for the proper maintenance of all accounts / expenditures in respect of the flood. The officials in the Flood Control Office should carefully study the forms appended.

FLOOD RELIEF SECTORS

The District has been divided into various sectors for the purpose of dissemination of flood warnings and relief operations (Appendix-II)

Necessary changes will be made in the list of sectors according to the requirements of flood and the Sector Officer will be immediately alerted. They will be

assisted by the SHO concerned. Veterinary Assistant, Medical Officer of the Area, Agriculture, Cooperative, Irrigation & food Department and other Government officials in the sector. There should be full cooperation and coordination between the representatives of various departments to ensure effective results.

The Sector Officer will maintain a list of all the abadies in their sector with approximate population thereof. A list of vulnerable villages should also be maintained by them so that their evacuation may be arranged, if necessary, and for this purpose suitable safe place for evacuation should be selected beforehand and villagers should also be informed accordingly.

The Sector Officer will be in-charge of all the activities and relief work in his sector some of the duties have already been mentioned in this scheme at appropriate place and the rest can be summarized as under:

1. Dissemination of information about Flood.
2. Evacuation and setting up of Relief Camps.
3. As soon as flood water starts receding. The Sector Officer will collect the following information immediately and communicate it to the Emergency Officer (Loss of human life and cattle during the flood should, however, be telegraphically conveyed to the Deputy Commissioner, Khushab and the District Police Officer, Khushab)
 - a. The duration of Flood.
 - b. Loss of human life & Cattle.
 - c. A rough idea of the damage to property and crops.
4. He will be responsible for other relief measures in his sector and will also supervise the repairs of damaged distributaries and channels done on voluntarily basis in consultation with the Canal officials.
5. He will also supervise the work of his associates of other departments and will ensure that medical aid to the flood sufferers and also to their cattle is readily available. He would particularly see that sufficient quantity of Quinine is distributed to prevent outbreak of Malaria.
6. He will draw out a list of sufferers who stand in need of Taccavi loans or other loans during the course of the survey of damage caused to the crops, houses a Tube Wells in the flood affected areas immediately after flood water

recedes. Such lists should be sent to the Tehsildar concerned for further action. The lists shall be prepared on the Performa at Appendix-X.

7. He will prepare a list of people rendered destitute by the flood for distribution of any free aid required in the form of Razais, Blankets, Free fodder or assistance for constriction of their houses. Only persons of the following categories will be included in the list according to the priority given below. These lists should be prepared very carefully so that the undeserving persons are not included:
 - a. Widows and orphans or dependents of those who lost the bread-winners and other persons directly due to floods.
 - b. Free grants to such bread-winners and other persons.
 - c. Landless and tenants.
 - d. Unskilled Laborers.
 - e. Persons paying Rs.5/- or less as Land Revenue.
 - f. Persons whose income of salary was Rs. 500/- per men sum or less.
 - g. Persons whose income was between Rs. 500/- and Rs. 1000/- PM.

The above lists should be prepared within a week after the flood water recedes and sent up to the Emergency Office. A copy should also be sent to Tehsildar's Office.

8. He will maintain to daily Dairy in which he will mention the work done and Villages visited by him on each day. The Tour Program should be so arranged that they may be able to visit all the affected villages of his sector as frequently as possible. A copy of the dairy will be sent to the Sadar Office weekly Each Sector Officer shall maintain a Register in which all orders and instructions from Headquarter will be posted as and when received and all reports, messages issued are copied. Visiting Officer shall record their inspection Notes in this Register which will be placed before them on their visits.

NOTE: -

The direction for the maintenance of a daily Dairy will equally apply to the officials of other departments working in the sector. They are also requested to

send a copy of such dairy weekly to their District Headquarter and also a copy thereof to the Emergency Officer.

ACTION BY SUPERVISORY OFFICERS

The following officers will supervise and control the relief and other work in the sectors shown against their names.

Name of Officers Name of Sectors

Assistant Commissioner Khushab	All Sectors in Khushab Sub Division
Assistant Commissioner Noorpur	All Sectors in Noorpur Sub Division
Assistant Commissioner Quaidabad	All Sectors in Quaidabad Sub Division
Assistant Commissioner Noushera	All Sectors in Noushera Sub Division

NOTE:

Duties of Assistant Commissioner Khushab, Noorpur Noushera & Quaidabad given in Appendix-VII

7. REQUISTION FOR PRIVATE BOATS.

An order will be served on all ferry contractors in the month of July by the Chief Officer, District Council Khushab to the effect that their boats will be required for evacuation purposes as and when necessary.

8. PROVISION OF BOATS AND VOLUNTEER POWERS.

- i.** Boats supplied by Government will be distributed at strategic points throughout the affected areas. Assistant Commissioner Khushab Will issue necessary instructions for the maintenance of Boats and their use at the time of flood emergencies to the Tehsildar and other officers concerned.
- ii.** The DEO (Rescue 1122), Khushab shall be responsible for the operation and maintenance of official Boats under the supervision of Assistant Commissioner Khushab.
- iii.** The officers concerned will ensure that Boats are used to the best advantage in the actual flood emergencies. It should be ensured by the Assistant

commissioner that Boats are in good condition and carry all necessary equipment. They should be carefully checked well in advance of the flood season by the Assistant Commissioner / Tehsildar so that necessary repair may be carried out, if necessary.

- iv. A list of trained Boatman to row the Boats will be maintained by the respective Tehsildar. The Boatman engaged for rowing the Boats at the time of flood will be paid their wages out of the Flood Relief Fund, Whenever they are put on duty.
- v. The Detail of available Boats may be seen at Appendix-VII.

9. REQUISITION OF VEHICLES FOR TRANSPORTATION

The number of Trucks / Pickups / Jeeps required shall be requisitioned (vide form No. 1 Appendix-II) through Secretary (DRTA) Khushab for flood duty as soon as High Flood warning is received from the Mangla Authority.

10. PREVENTIVE MEASURES AGAINST CATTLE DISEASES.

The Deputy Director, Livestock & Dairy Development, Khushab, should ensure that adequate stock of Vaccines and serum for cattle diseases are available in their Hospitals situated in the areas likely to be affected by floods. A report should be sent to the Deputy Commissioner, Khushab that adequate stocks are available; if are not available he should intimate the requirements to Deputy Commissioner, Khushab so that the matter may be pursued at personal level with the Deputy Director (Agriculture) Khushab should chalk out a Plan of his activities during flood emergency.

11. STOCKS OF WHEAT FOR FLOOD EMERGENCY.

The District Food controller should stocks of Wheat are available in all the P.R Centers. In the event of flood, the District Food Controller will insure that there is no scarcity of food grains in the affected areas. If there is shortage, he will make immediate arrangements for the supply in such areas. He will also make arrangements of food items to be supplied in Flood Relief Centers.

12. STOCK OF WHEAT SEED.

- i) Agriculture Department will ensure that stocks of "Wheat Seed" which is Distributed by their department is arranged in time so that there may be on difficulty later on for the transport of stocks if roads are damaged and rails are cut off due to heavy flood. Deputy Director (Agriculture) shall adopt all precautionary measures to protect the growing crops from flood effect.
- ii) After the flood water has receded, it will be necessary, to make immediate arrangements for the provision of seed. The Tehsildar concerned will give approximate figures of the seed required in their respective Tehsils. The Agriculture Department and District Food Controller, Khushab, will make arrangements to pen special depots for providing wheat seed at the suitable places in the District.
- iii) The Z.T.B.L Pakistan, cooperative Department, will arrange extensive credit Facilities for the flood affected persons in consultation with the Assistant Commissioner concerned.
- iv) The cases for the grant of Taccavi loans promptly be made out for submission to the Assistant Commissioner so that there may not be that least delay in providing relief to the flood victims in the form of Taccavi.

FOODER FOR CATTLE

The Deputy Director (Livestock) and (Agriculture) shall arrange for the stocks of Dry Fooder for cattle. In the event of acute scarcity of fodder immediate arrangements should be made for the import of "Bhosa" from other places for the stricken areas.

13. MANPOWER AND CIVIC AMENITIES

TMA's will provide manpower and all civic amenities in the Relief Centers. They shall also supply drinking water in these Centers through Fire Brigade Lorries.

14. CENTRAL STORE FOR GIFTS ETC

In the event of flood and calamity, large number of organizations and Individuals send articles and clothes for the distribution among flood stricken people. A Centre will be opened in the office of Social Welfare under the immediate charge of Deputy Director (Social Welfare) for the purpose. Further distribution of relief

articles will be made according to the order of the Deputy Commissioner, Khushab. Relief articles will be sent to deserving flood affected person through Deputy Director (Social Welfare) will activate all the NGOs in order to help the flood affected people.

17. DISTRIBUTION OF TACCAVI LOANS ETC.

As soon as the flood water recedes, relief work in the form of distribution of Taccavi loans and ex-gratia relief etc. will be started as detailed below. The distribution will be arranged by the Sector Officer. Each sector officer will prepare a detailed account of the work done by him and the arrangements made in this behalf.

The distribution will be supervised by gazette officer who will be appointed by the Deputy Commissioner from the Headquarter for this purpose.

Distribution of Taccavi loans in consultation with the Tehsildar concerned and under the supervision of Assistant Commissioner will state after the flood water recedes for the following:

- I). Seed.
- II). Construction and repair of houses.
- III) Purchase of fertilizers and medicines

18. REMISSION OF LAND REVENUE

The question of remission of Land Revenue etc. will be taken up after the survey of the flood affected areas by the Revenue and the irrigation authorities. This is a matter about which the people are very much concerned. The officer concerned should therefore be very quick in their action with regard to the assessment of Kharaba and remission of Land Revenue, if any.

19. REPAIR OF BREACHES IN CHANNELS.

Immediately after the flood water recedes, the Deputy Commissioner, will hold a joint meeting of the officers of Revenue, Police, Irrigation Department and other member of District Relief Flood Control Committee in order to chalked out a program me for closing the breaches/repair of Railway tracks, roads, restoration of electric supply, telephones, if any through voluntary labour which should be procured by the local police and Revenue Staff, District Heads should made frequent tours of the Illaqa in the District where the repair work is in progress with a view to satisfying that every possible effort is being made to get the breaches filled in to avoid any delay in the sowing of Rabi crops.

All the Nation Building Departments including Irrigation, Health, Education, Livestock, Police, TMAs, WAPDA Food, civil Defense, Works & Services and Telecommunication shall assist and coordination with the District Flood Relief

authorities. They shall perform the role already assigned to them. They shall also prepare flood plans concerning their sphere of duties in order to combat flood menace.

20. LIAISON WITH ARMY:

A close liaison with the army troops, 134 Air Defence Regiment, Sargodha which deployed in the district shall be maintained by the Sector In-charge through controlling officer in the office of Deputy Commissioner. A visit to the areas likely be effected shall also be arranged by the respective Sector In-charge if so desired by the officer in-charge of troops.

BRIEF ON FLOOD 2014 DISTRICT KHUSHAB.

On received of Flood Warning from the PDMA, Punjab, Lahore, the same was informed to all concerned Departments and wide publicity through different means was made throughout the District especially to the inhabitants of peoples residing near the belt of River Jhelum. Flood Control Center stood already established in DC Complex at telephone No.0454-920215 under the supervision of Additional Deputy Commissioner (Revenue), Khushab was activated accordingly. On 7.9.2014, the river in Jehlum at Head Rasool witnessed 1,85,000 cusec & subsequently Jehlum river received 1,01,100 cusec at District Khushab. On 8.9.2014, the flow of water at Khushab Bridge was 1,62,000 cusec and on 10.9.2014 the flow was 56,000 cusec. This water spread over all the area due to which standing crops and houses were affected and all the inhabitants were engulfed by water. At that time the position of all the villages falling in the union councils which were hit by flood water was conveyed to the PDMA/Board of Revenue. Following 30 villages were affected 50% or more by flood.

According to the survey an area of 77235 Acres has been affected, Total 5421 Beneficiaries out of 54 villages Tehsil Khushab 42, & Tehsil Noorpur 12 and 360 houses in Tehsil Khushab, 89 houses in Tehsil Noorpur (Total 449 in Khushab District) have been affected. 850 quilts & 1200 Eid Gift Packet Has been distributed by the Punjab Govt. to the flood affectees.

BRIEF ON HILL TORRENTS 2015 DISTRICT KHUSHAB

Due to heavy rains / Hill Torrents were affected the many villages of Tehsil Quaidabad and Khushab i.e Hadali, Mitha Tiwana, Bijar, many areas of Jauhrabad and Bola along with Chak 40MB, 41MB, 42MB, 43MB, 44MB. Villages Bheen, Sher Garh,

Tiba Qaim Din, Thati Khalalbhan , Tetri, Jaura Kalan and Hassan Pur Tiwana and badly affected by river erosion.

BRIEF ON PRE-FLOOD ARRANGEMENTS FOR 2018.

River Jhelum enters in District Khushab near village Balwal and after covering a distance of about 95 miles it enters District Jhang near village Khai Kalan Tehsil Noorpur. During Monsoon season, District Khushab is mainly affected due to flood water in River Jhelum and hill torrents in the hilly area of Soon Valley and Mohar area. Overflow on the right bank of River Jhelum along the eastern boundary of the district causes damage to the riverine area of the District.

FLOOD LIMITS

FLOOD LIMITS.	JHELUM AT RASOOL BRIDGE.	JHELUM D/S AT MANGLA.
Low	0.75 LAC Cs.	0.75 LAC Cs.
Medium.	1.10 LAC Cs.	1.10 LAC Cs.
High.	1.50 LAC Cs.	2.00 LAC Cs.
Very High.	2.25 LAC Cs.	2.25 LAC Cs.
Exceptionally High.	3.00 LAC Cs and above.	3.00 LAC Cs and above.

TIME LAG RIVER JHELUM

FLOOD LIMITS.	MANGLA TO RASUL	RASUL TO KHUSHAB BRIDGE
Low Supplies	16 to 20 Hours	22 to 27 Hours
Low Flood	15 Hours	21 Hours
Medium Floods	12 Hours	16 Hours
High Flood	10 Hours	14 Hours
Very High	10 Hours	11 Hours
Exceptionally High	<u>6 to 7 Hours</u>	8 to 11 Hours

PREVIOUS FLOOD HISTORY

YEAR.	MAXIMUM DISCHARGE.	VILLAGES/ MOUZAS AFFECTED.			TOTAL.	TOTAL AREA AFFECTED (IN ACRES.)
		TEHSIL KHUSHAB.	TEHSIL QAUIDABAD.	TEHSIL NOORPUR.		
1992	9,52,170 Cs	44	-	12	56	1,15,677
1995	2,85,071 Cs	38	-	12	50	24,330
1997	5,49,598 Cs	40	-	13	53	48,472

2010	2,33,292 Cs	35	-	4	39	40,345
2014	1,62,000 Cs	42	-	12	54	77,235
2015	Hill Torrents	8	5	-	13	30,136

CURRENT FLOOD SITUATION

At present there is no flood threat in River Jhelum and discharge is below flood situation. The current gauge as on 09.05.2017 at 06:00-AM is given below:

Mangla level :	1125.80 Max. 1248.00	Head Rasool Up.	62000.00 Cs.
Mangla In:	50000.00	Head Rasool Down.	40000.00 Cs.
Mangla Out.	64000.00	Khushab Bridge Discharge	51391.00 Cs.

FLOOD SECTORS

SR. #	NAME OF SECTOR.	SECTOR INCHARGE.
1.	Bansi Balwal to Jhelum Bridge Khushab.	Mr. Aftab Ahmad Shah Tehsildar, Khushab.
2.	Jhelum Bridge Khushab to Watto.	Mr. Hafeez Ullah Joyia, Naib Tehsildar, Khushab.
3.	Watto to Obhal.	Muhammad Shahid Tehsildar, Noorpur.

RELIEF CAMPS FOR FLOOD IN RIVER JHELM:

The following 08 Nos. of relief camps will be establish in district Khushab

Sr.#.	Name of Relief Camp
1	Govt. Girls High School, Rajar
2	Govt. Boys High School Sandral
3	Khushab Bridge
4	Mohallah Hussainabad Khushab City
5	Govt. Boys Elementary School Hassan Pur Tiwana
6	Govt. High School, Gironde
7	Govt. High School, Joura Kalan
8	BHU Tatari

RELIEF CAMPS FOR HILL TORRENTS

Sr.#	Name of Relief Camp
-------------	----------------------------

1	Assistant Commissioner Office, Quaidabad
2	RHC, Mitha Tiwana
3	Govt. Elementary School Boys, Railway Station Chowk, Mitha Tiwana
4	Govt. Primary School, Kothi Nawab (Bijar)
5	Govt. Girls High School, Hadali

The above Thirteen Relief Camps will be established in the District Khushab to provide shelter and basic health facilities with food to flood affecttees and their livestock in case of flood. The team of Health Department and Veterinary Staff with medicines and vaccination will available at the relief camps. Rescue 1122 staff with all their equipment's will also present there.

FLOOD PREPAREDNESS / ARRANGEMENTS BY DISTRICT ADMINISTRATION, KHUSHAB.

- District Administration is fully prepared and all concerned departments and police have been put on high alert to combat any flood situation in the district. District has been divided into three Flood Sectors to quickly respond for rescue and relief / rehabilitation operation in case of flood situation.
- A meetings to review the pre-flood has scheduled on each 15th of the every month under the Chairmanship of Deputy Commissioner, Khushab with district administration and minutes of the meeting have dispatched before 25th in every month to concern accordingly.
- District Flood Control Room under the supervision of Additional Deputy Commissioner Revenue / Focal Person DDMA, Khushab will be established w.e.f 15.06.2017 at telephone No. 0454-920215 and the wireless system by the Police and Rescue 1122 by PDMA which will function round the clock.
- A mock exercise for the present flood season had been conduct on 6th May, 2017, at Jhelum Bridge Khushab with the team of Rescue 1122 Khushab.
- Irrigation Department Khushab has been directed to keep close liaison with Mangla / Rasul authorities to get firsthand information to mobilize the resources / machinery for prompt action.
- All Departments have already been directed to remain vigilant for pre-flood / post-flood arrangements in the District and no negligence in this regard will be tolerated. Directions have been issued to all the departments that no person should avail casual leave in case of flood or any emergency.

- District Administration and Police Contingency Plan will be prepared very soon in next week. ACs concerned shall ensure early flood warning mechanism and evacuation of population in case of any emergency with the assistance of police.
- Deputy Director Social Welfare, Khushab will in liaison with local NGOs and philanthropists for post flood arrangements like Dry Ration, meals and drinking water to be served to flood affectees in case of flood emergency.
- Sufficient stock of POL is available in the district. However, the Petrol Pumps owners have been directed to maintain a minimum stock of 5000 Liters of Petrol and Diesel for emergency in case of disruption in supply.
- All the equipment's and machinery will be operational and available in standby position to meet any flood emergency.
- Emergency Wards will be established in DHQ / THQ / RHCs / BHUs in the whole district where all emergency medicines / vaccines will be available.
- A mass vaccination campaign has been started by the Livestock Department.

CONSTITUTION OF DISTRICT INSPECTION COMMITTEE (DIC)

The District Inspections Committee (DIC) will comprise the following in the District.

Addl: Deputy Commissioner (Rev), / Focal Person Flood Emergency	Convener
District Emergency Officer Rescue 1122, Khushab	Secretary
Deputy Director LG&CD, Khushab	Member
Xen-Irrigation Khushab Canal Division, Khushab	Member
Xen- P .H .E .D, Khushab	Member

CONSTITUTION OF DISTRICT STANDARDIZATION COMMITTEE (DSC)

The District Standardization Committee (DIC) will comprise the following in the District.

Addl: Deputy Commissioner (Rev), / Focal Person Flood Emergency	Convener
Assistant Commissioners, Concerned Tehsil	Secretary
Deputy Director Social Welfare	Member
District Health Officer (Preventive)	Member
Secretary, District Regional Transport Authority	Member

NOTIFICATION FOR ESTABLISH OF FLOSPAN

The Chairman District Disaster Management Authority, Khushab has already been notified FLOSPAN and also identified / proposed land measuring 03 Kanals 13 Marlas and sent to DG (PDMA) for further necessary action.

PRE-QUALIFICATION FOR VENDERS PROCESS IS COMPLETED & ON PPRA.

Pre-qualification for venders are completed and called were on 30.04.2018 through advertisement / PPRA.

ALLOTMENT OF TWO ROOMS FOR PDMA IN DEPUTY COMMISSIONER, COMPLEX.

Two Rooms has been allotted for the establish office of PDMA as desired.

VULNERABLE POINTS IN RIVER JHELUM IN DISTRICT KHUSHAB

Sr . No.	Name of Tehsil.	Name of village / sensitive point.	Remarks.	Status
1.	Khus hab.	Dhak.	Repairing of Dhak Protective Bund is completed by the Agriculture Engineering Department, Khushab during 2014 under the supervision of Irrigation Department, Khushab.	Satisfactory
2.	-do-	Tiba Qaim Deen	Construction of sloping spur for protection of village Abadi of village Tiba Qaim Deen from erosive action on right side of river Jhelum	Satisfactory
3.	-do-	Hassan Pur Tiwana	Construction of sloping spur for protection of village Abadi of village Hassan pur tiwana (Hamoka) from erosive action on right side of river Jhelum	Satisfactory
4.	Noor pur.	Tetri	Construction of stone pitching near village tetri from erosion action of Jhelum river just downstream of Chashma Jhelum link outfall.	Satisfactory
5.	-do-	Jaura Kalan.	Construction of sloping spur for protection of village Abadi of Jaura Kalan from erosive action on right side of river Jhelum .	Satisfactory
6.	-do-	Thathi Kalak Bhan	Required Repair guide wall No. II Jaura Kalan on right bank of river Jhelum	Satisfactory
7.	-do-	Sher Garh	Required Protection of Army installation and village Sher Garh of right bank of river Jhelum	Satisfactory

CLEANNES OF DRAINS BY IRRIGATION DEPARTMENT, KHUSHAB

The work of cleanness of following drains are completed upto 80% by the irrigation machinery Department, Govt. of Punjab.

1. Bola Drainage System	6. Kaka Drainage System
2. Botala Drainage System	7. Khushab Drainage System
3. Mitha Tiwana Drainage System	8. Sandral Drainage System
4. Jauharabad Drainage System	9. Ghag Drainage System
5. Hamoka Drainage System	10. Dhak Drainage System

STOCK INVENTORY POSITION IN DISTRICT KHUSHAB.

Equipment available with Rescue 1122			Equipment available with Local Govt. Dept., Khushab.		
Sr. No.	Name of equipment.	Quantity available.	Sr. No.	Name of equipment.	Quantity available.
1.	Boats 23 ft.	14	1.	Tractor.	15
2.	Boats 12 ft.	6	2.	Trolley.	15
3.	Life Jackets.	118	3.	Dewatering set.	17
4.	Motor Boat Engine 40 HP	7	4.	Sucker Machine.	
5.	Motor Boat Engine 30 HP	8	5.	Ejector Machine.	1
6.	Motor Boat Engine 25 HP	5	6.	Mechanical sweeper.	2
7.	Oars	20	7.	Hydraulic Stair.	1
8.	Life Rings.	6	8.	Fog Spray Machine.	6
9.	Swimmer/ divers.	20	9.	Spray pumps.	26
10.	Boat Operators.	10	10.	Road Roller.	1
11.	Ambulance.	4	11.	Water Tank Bowser.	10
12.	Rescue Vehicle with Engine.	1	12.	Fire Brigade.	2
13.	Water Bowser	1	13.	Dozers with Agri: Deptt.	4
14.	Fire Rescue Vehicle.	2	14.	Mini Truck with Agri: Deptt.	1
15.	General Duty van.	1	15.	Dozer with Highway.	2
16.	Life Line.	4	16.	Excavator with Drainage Deptt.	1
				Cranes with Drainage Deptt.	1

AVAILABLE RESERVE STOCK

Sr. No.	Particulars	Tents	De-watering Set	Plastic Mat	Mosquito Net
1	Available	1150	15	700	700
2	Functional	Yes	Yes	Yes	Yes
3	Non-Functional	No	No	No	No

RATIONALIZED DEMAND (IF ANY FOR THE YEAR 2018)		
SR. NO.	ITEMS TYPE	QTY. NEEDED
1	Excavators	02
2.	Tractor Massey Ferguson MF-385 with front blade	02
3.	Tractor Massey Ferguson MF-240	02
4.	Inflatable Boats 23" + 48 HP Engines	05
5.	Boats Trolley for transportation	10
6.	Life Jackets	100
7.	High Power Flood Lights	100
8.	Scuba Diving suit with complete accessories	05
9.	First Aid Kits	50
10.	Generators	10
11.	Toyota Hi-Lux Vigo Double Cabin Model 2018	1

OFFICE OF THE DEPUTY COMMISSIONER / CHAIRMAN DDMA, KHUSHAB

No _____/ADC/FRC Dated: ___/___/2018

A copy is forwarded to all concerned for information, guidance and necessary action.

AMJAD BASHIR

Deputy Commissioner / Chairman District
Disaster Management Authority,
Khushab



**PUNJAB EMERGENCY SERVICE
RESCUE 1122, KHUSHAB
08-05-2018**

Performance Report of Mock Exercise



**On 7th of May, 2018
District: Khushab.**

REPORT

VENUE : Jhelum River Khushab.

DATE : 7th of May, 2018.

TIMING OF ACTIVITY : 09:00 am to 12:00 pm.

TOTAL PARTICIPANTS : More than 300.

RESCUE 1122 VOLUNTEERS : 25

CHIEF GUEST : Syed M. Shah, ADC (R)
Khushab.

OTHER GUESTS:

- ❖ Dr. Nazar Hayat, CEO Health Khushab.
- ❖ Shakoor, DDMC, Khushab.
- ❖ Athar Elahi, SDO Irrigation Khushab.
- ❖ M. Shameer, IP Special Branch, Khushab.
- ❖ M. Rizwan Shahid, Instructor, Civil Defence Khushab.
- ❖ Asad Hayat, DGI Health Department.
- ❖ Dr. Abdullah Hassan, Veterinary Officer Khushab.
- ❖ Mureed Abbas, Dy. DPWO Population Khushab.
- ❖ Imtiaz Ahmad, Dy. Director Social Welfare, Khushab.
- ❖ Muhammad Ramzan, MO (I) MC Khushab.
- ❖ Muhammad Rafi, Sub-Engineer District Council Khushab.
- ❖ Shamas Ul Haq, Social Welfare Supervisor, Khushab.
- ❖ M. Ashraf Gondal, CO MC Naushehra.
- ❖ Malik Sadaqat, Sadar Ujala Social Welfare Society, Khushab.
- ❖ Fiaz, Supervisor, Ujala Social Welfare Society, Khushab.
- ❖ Ali Akbar, Observer PDMA, Lahore.
- ❖ Ghulam Shabbir, HC (Flood), Khushab.
- ❖ Rao Abdur Rehman, Chief Officer MC, Hadali.
- ❖ M. Ilyas Bajwa, Dy. DEO (SE) Khushab.
- ❖ Muhammad Hussain, District Population Welfare Officer, Jauharabad.
- ❖ Muhammad Umair Maqsood, Deptt. Population Welfare, Khushab.
- ❖ Haroon Zaib, Deptt. Population Welfare, Khushab.

- ❖ Pervez Akhtar, Veterinary Assistant, Livestock Khushab.
- ❖ Muhammad Ameer, CA, MVD, Khushab.
- ❖ Ahmad Saeed, IT Expert, Khushab.
- ❖ M. Saqib Rana, IT Expert, Khushab.
- ❖ Ishtiq, Assistant IT, Khushab.
- ❖ Naveed Maqbool, Humdard Saiban Welfare Society, Khushab.

Punjab Emergency Service Rescue 1122 Khushab was arranged a Mock exercises in presence of Mr. Ali Akbar, **Representative of PDMA, Lahore** on 07-05--2018 at River Jhelum Khushab with the co-ordination of Rescue 1122 volunteers under the supervision of Syed M. Shah, ADC (R) Khushab for the preparation of pre-flood and manage disastrous situation during flood season 2018.



RSO BRIEFING ABOUT THE MOCK EXERCISE



ADC(R) VISITED THE CAMPS



RESCUE STALLS



RSO BRIEFING TO ADC (R) KHUSHAB ABOUT THE MOCK EXERCISE

Firstly, Rescue 1122 Khushab registered the Rescue volunteers and trained them properly. Almost 25 volunteers were registered. Secondly, PES Rescue 1122 established the Punjab Disaster Response Force for execution of mock exercise.



Syed M. Shah, ADC (R) Khushab supervised the Mock exercise and appreciated the work of Rescue 1122 and as well as highlighted the activities / services of Rescue 1122 volunteers during the Mock exercise. Mr. Ali AKbar (Observer, PDMA) also examined the apparatus and resources of Rescue 1122 to control the flood and manage disaster situation during flood season 2018.



TRAINING



PATIENT SHIFTING ON SPINE BOARD



CPR (CARDIO PULMONARY RESUSCITATION)



CLOSING REMARKS OF ADC (R) KHUSHAB.

At the end of the Mock exercise Syed M. Shah, ADC (R) Khushab met with the members of Rescue 1122 and Volunteers to increase their courage and appreciate the activities of all the participants and their demonstrations. He said that I am standing shoulder to shoulder with rescuers 24hrs in any untoward disaster.



CLOSING REMARKS OF INCHARGE RESCUE 1122



GROUP PHOTO



MEDIA COVERAGE



1.	Control Room	at Deputy Commissioner complex Jauharabad	0454-920215
2.	AMJAD BASHIR	Deputy Commissioner, Khushab	0454-920202 0454-720626
3.	MUHAMMAD SHAH	Addl: Deputy Commissioner(Rev), Khushab	0454-920120
4.	WAQAS HASSAN	District Police Officer, Khushab	0454-720726
5.	IFTAKHAR BLOCH	The Assistant Commissioner, Khushab	0454-920216
6.	CH. SARWAR	The Assistant Commissioner Noorpur	0454-850265

7.	SHUMAILA MANZOOR	The Assistant Commissioner Quaidabad	0454-880087
8.	MUHAMMAD KALEEM	The Assistant Commissioner, Naushera	0300-6340552
9.	NADIA SHAFIQ	The Assistant Commissioner(Coord), Khushab	0333-4548150
10.	NIGHAT FIRDOUS	D.P.S Headquarter, Khushab	0300-4775694
11.	Dr. NAZIR HAYAT	The Chief Executive Officer District Health Authority, Khushab	0454-920089
12.	ATTA ULLAH	The Chief Executive Officer District Education Authority, Khushab.	0454-920125
13.	KHAN BAHADAR	The Deputy Director Agriculture (Extension) Khushab.	0454-920158
14.	IMTIAZ AHMAD	The Deputy Director Social Welfare Khushab.	0454-920051
15.	SAQIB RAHEEM	The Executive Engineer Building District Khushab	0454-920236
16.	MUHIR ULLAH ALI	The Executive Engineer Irrigation Khushab Canal Division Khushab.	0454-711747
17.	SHAFQAT HAYAT	The Executive Engineer (P.H.E.D), Khushab.	0300-4517866
18.	GHULAM MUSTAFA	The XEN (Operation) FESCO, Jauharabad	0454-920057
19.	NADIA SHAFIQ	The District Monitoring Officer, PESRP, Khushab.	0454-920221
20.	DR. AMAN ULLAH	The District Health Officer District Health Authority, Khushab.	0454-920091
21.	DR. NAYYAR ALAM	The District Emergency Officer, Rescue 1122, Khushab	1122
22.	ASRAR AHMAD	The System Network Administrator, Khushab	0454-920222
23.	MUHAMMAD FAROOQ	The Divisional Forest Officer, Khushab	0454-920082
24.	MUHAMMAD AWAIS ASHRAF	The District Food Controller, Khushab	0300-6005344
25.	RANA ABDUL JABBAR	Media Coordinator Information Office Khushab	0454-920008
26.	DR. ARIF SULTAN	The Additional Director Livestock, Khushab.	0454-920080
27.	JAVID IQBAL CHEEMA	The Secretary DRTA, Khushab.	0454-920047
28.	NASEER AHMAD KARBALAI	The District Officer (Population), Khushab.	0454-920135
29.	FARAKH SOHAIL	The DSP Traffic, Khushab.	0301-7282882
30.	JAVID IQBAL	The District Officer (Excise & Taxation), Khushab.	0454-920189
31.	MUAZZAM SUTAN	The Civil Defense Officer, Khushab.	0454-920052
32.	IFTIKHAR AHMAD	The Chief Officer District Council Khushab.	0454-920003
33.	SULTAN AHMED	The Chief Officer Municipal Committee, Khushab.	0345-5845497
34.	EHSAN ULLAH	The Chief Officer Municipal Committee, Jauharabad.	0302-6345730
35.	MUHAMMAD ATTA ULLAH	The Chief Officer Municipal Committee, Hadali	0300-6057984
36.	MUHAMMAD ABDUL HAQ	The Chief Officer Municipal Committee, Mitha Tiwana.	0454-730017
37.	ATTA ULLAH	The Chief Officer Municipal Committee, Quaidabad..	0300-6057984
38.	ASHRAF GONDAL	The Chief Officer Municipal Committee, Noorpur.	0454-850904
39.	MUHAMMAD AKHTAR	Assistant Municipal Committee, Naushera	0454-610506
40.	TARIQ MASOOD	The Assistant Agriculture Engineer (Field Operation), Jauharabad.	0345-8658949
41.	MUHAMMAD AMJAD	The SDO NTC, Jauharabad.	0454-920000
42.	MUHAMMAD SHAQOOR	DDMC, Khushab	0333-5280530
43.	SYED MAZHAR HUSSAIN SHAH	Superintendent Revenue, Khushab	0300-6077919
44.	GHULAM SHABBIR	Incharge FRC Branch	0300-6070626
45.	AQEEL HASSAN RAZA	FRC	0345-5842857
46.	GHULAM MUJABA	NAIB QASID	0304-2665509

SECTORS WITH NAMES OF IN-CHARGE

	Name of	Name of Sector	Name of Sector	Name of other
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Sr.#	Tehsil	with Village	officer	members of relief party attached
1.	KHUSHAB	<u>DHAK</u>	Ch. Asghar Naib Tehsildar Katha Saghral 0346-7847698	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, CO MC KHB and Local Govt. Dept. KHB.
		1. Katha Saghral		
		2. Bansi		
		3. Balwal		
		4. Dhak		
		5. Rajar		
		6. Kurer		
		7. Taluker		
		8. Kaura		
		9. Hardo Ghagh		
		10 Nali		
		11. Nari		
		12. Diwal		
		13. Mangwal		
2.		<u>KHUSHAB</u>	Saqib Rashool N.T Khushab 0346-8654846	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, TMA and Revenue.
		1. Khushab		
		2. Sandral		
		3. Jandran		
		4. Arraikpur		
		5. Khairpur		
		6. Thatthi Kalrani		
		7. Mangoor		
		8. Namewali		
		9. Shiwala		
		10 Noorwana		
3.		<u>GIROT</u>	Hafeez Ullah Joyia Naib Tehsildar, Girot 0302-5863785	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, TMA and Revenue.
		1. Meli Pur Bux		
		2. Mohibpur		
		3. Girot		
		4. Wasso		
		5. Muhammad Shah		
		6. Chak Meli		
		7. Watto		
		8. Thatthi Ghangera		
9. Been				

4.		10 Tibba Qaim Din	Hafeez Ullah Joyia Naib Tehsildar, Girod 0302-5863785	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, TMA and Revenue.
		11. Hamoka		
		12. Dhup Sari		
		13. Rangpur		
		14. Shah Ajmal		
		15. Kurpalka		
		16. Jalal pur		
		17. Meli Saddar Din		
		18. Joyia		
		19. Langarwala		
		20. Chhina		
5.	NOORPUR	<u>Jaura Kalan</u>	Shahid Iqbal Tehsildar Noorpur 0454-850265	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, TMA and Revenue.
		1. Shergarh		
		2. Tatri		
		3. Langhari		
		4. Jaura kalan		
		5. Kaka		
		6. Burhan		
		7. Khai Khurd		
		8. Khai Kalan		
		9. Lal Hussain		
		10 Haveli Charagh		
		11. Chandia		
12. Pipli Syedan				

HILL TORRENTS

Sr.#	Name of Tehsil	Name of Sector with Village	Name of Sector officer	Name of other members of relief party attached
1.	KHUSHAB	<u>Quaidabad</u>	Zia Ullah Khan N.T, Quaidabad 0301-6702447	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, TMA and Revenue.
		1. Quaidabad		
		2. Gunjial		
		3. Uttra		
		4. 5 TDA		
		5. Golewali		
		6. Warchha		
7. Chohha				

Sr.#	Name of Tehsil	Name of Sector with Village	Name of Sector officer	Name of other members of relief party attached
1.	KHUSHAB	<u>Hadali</u>	Aftab Hussain Shah Tehsildar Khushab 0300-4397234	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, CO MC, Hadali and ADLG.
		1. Jabbi		
		2. Chanki		
		3. Hadali		
		4. Botala		
		5. Bola		
		6. Waheer		
		7. Khaliqabad		
		8. Kund		
		<u>Naushera</u>	Muhammad Azeem Jasra Naib Tehsildar Naushera 0300-9124293	Rep: of Police. Irrigation, Health, Agriculture, Social Welfare, CO MC Noushera and ADLG.
		Sabhral		
		Hardo Sodhi		
		Dhaka		
		Uchhala		
		Jahlar		
		Ugali		
		Kalyal		
		Padhrar		
		Mardwal		
		Khura		
		Uchhali		
		Naushera		
		Khabaki		
		Kufri		
		Sodhi Ji Wali		
		Anga		
		Dhadhar		

APPENDIX-V

RELIEF COMMISSIONER B.O.R GOVERNMENT OF THE PUNJAB LAHORE

EMERGENCY CELL TELEPHONE NO. 042-99204402-09, FAX NO. 042-99204405

The following Relief comps may be set up in Khushab District during the flood emergency.

Tehsil Khushab

Sr. No.	Name of camp	Name of Officer	Authorized	Military Accommodation
1	Govt. High School Dhak	N.T Katha Saghral	500	Govt. Girls P/S Dhak

2	Govt. High School Sandral	N.T Khushab-II	500	BHU Sandral
3	Govt. High School Khushab	Tehsildar Khushab	1000	Canal Rest House Khushab
4	Govt. E/s Hassan Pur Tiwana	Girdawar Girote	500	BHU Hassan Pur Tiwana
5	Govt. High School Girote	N.T Girote	500	R.H.C Girote
6	Govt. H/S/S Hadali	N.T Jauharabad	500	Town Committee Office

Tehsil Noor Pur

Sr. No.	Name of camp	Name of Officer	Authorized	Military Accommodation
1	Govt. H/S Jaura Kalan	Tehsildar Noor Pur	500	U/C Building Joura Kalan
2	B.H.U Majoka	N.T Adhikot	300	Govt. P/S Majoka
3	B.H.U Tatri	N.T Rangpur	300	Govt. P/S Tatri
4	B.H.U Obhal	N.T Jharkal	300	Govt. P/S Obhal

The following Relief comps may be set up in Khushab District during the Hill Tarents emergency.

Tehsil Qaidabad

Sr. No.	Name of camp	Name of Officer	Authorized	Military Accommodation
1	Govt. Digree College Qaidabad	Tehsildar Qaidabad	1000	Town committee Office

Tehsil Naushera

Sr. No.	Name of camp	Name of Officer	Authorized	Military Accommodation
1	Civil Rest House Naushera	N.T Naushera	300	Town committee Office Naushera

HEALTH DEPARTMENT, KHUSHAB

**MONSOON CONTINGENCY
PLAN 2018
DISTRICT HEALTH AUTHORITY:
KHUSHAB**

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DISTRICT PROFILE

(Please give brief description of the district, specifically mentioning the location of rivers, drains/Nallas and other potential sources of threats during monsoon due to floods, flash flood and hill torrents).

Table 1 Basic Information

Parameters	No.
Total Population	1281299
Total Area in sq.kms	6511-KM (1627688-Acre)
No. of Tehsils	04
No. of Union councils	53
Health facilities	
DHQs #	01
THQs #	04
RHCs	05
BHUs	44
Other Health Facilities	39
Human Resources	
Medical Officers	16
Male Paramedic	130
SH&N Supervisor	01
Female Paramedics	150
Support Staff	580
<i>Male</i>	150
<i>Female</i>	40
Drivers	7
Spray man	0
LHW	858
LHS	34
CMW	35

AREAS LIKELY TO BE AFFECTED

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

Total Population likely to be affected				
Tehsil	Union Council	Village/s	Population likely to be affected	Nearest Health Facility
Khushab	Khushab UC NO 23	City	40000	DHQ Hospital Khushab/THQ Hospital Khushab.
Khushab	Khushab UC 24	City	20000	DHQ Hospital Khushab/THQ Hospital Khushab.
Khushab	Union Council	City/dera Jat	5000	Do

	No 19	Sakasir Road		
Khushab	Talokar	04	16303	BHU Talokar.
Khushab	Sandral	07	16444	BHU Sandral.
Khushab	Tiba Qaim Din	06	16358	BHU Tiba Qaim Din/RD Gogo Chaki/Joyia/Jalal Pur/Hassan Pur Tiwana.
Khushab	Girote	04	23023	BHU Girote.
Noor Pur Thal	Jaura Kalan	05	15476	BHU Tatri/RD Jaura Kalan
Noor Pur Thal	Majoka	07	15414	BHU Majoka
		Total Population	168018	

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

Total Population likely to be affected				
Tehsil	Union Council	Village/s	Population likely to be affected #	Nearest Health Facility
Khushab	Hadali	02	2200	RHC Hadali.
Khushab	Bola	01	18000	DHQ Hospital Jauharabad.
Khushab	Mitha Tiwana	01 (Dera Jat)	3000	RHC Mithatiwana
Khushab	Okhli Mohala	01	3000	BHU Okhli Mohla.
Noorpurthal	RangPur & Adhikot	Adhikot,		CD Adhikot & THQ Hospital Noorpurthal
		Total Population	26200/	

Table 4 Mild Intensity Floods/Flash floods/Hill Torrents; Geographic Areas, Population & HF likely to be affected

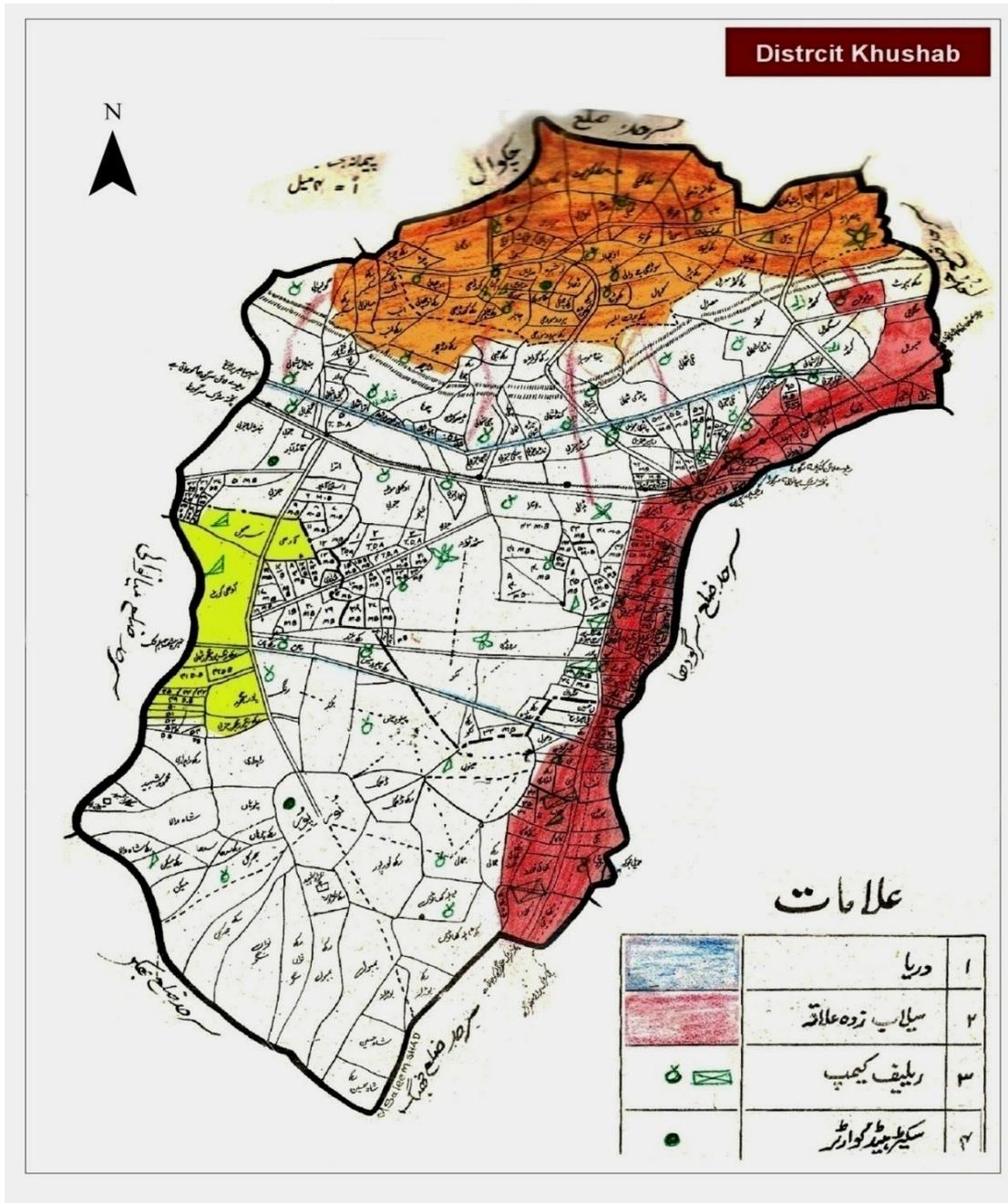
Total Population likely to be affected				
Tehsil	Union Council	Villages	Population likely to be affected#	Nearest Health Facilities
Khushab	Daiwal	03	17510	BHU Daiwal.
Khushab	Nali	01(Dera Jat)	2500	BHU Nali.
Khushab	Narri	01(Dera Jat)	5500	BHU Nari.
Khushab	Waheer	03	75000	BHU Waheer.
Quaidabad	Jabbi	01	2000	BHU Jabbi.
Quaidabad	Urban(chak.5#T DA)	Dera jat	20000	THQ Hospital Q/bd
Quaidabad	Bandial	Derajat	10000	BHU Bandial
Quaidabad	Golleywali	Derajat	10000	BHU Golleywali
Quaidabad	Warcha	Derajat	5000	BHU Warcha
Quaidabad	Gunjial	Derajat	5000	BHU Shumar
Quaidabad	OkhlyMohla	Derajat	10000	BHU OkhlyMohla
Quaidabad	Uttra	Derajat	5000	BHU Shahwala/RDUttra

Quaidabad	urban	dera jat across Mianwali road		THQ Hospital Quaidabad
		Total Population	172510	
		G.Total Population	343125	
Grand Total of Population likely to be affected		Grand total of Area likely to be affected		
343125		300 km		

Map of District

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

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



Disaggregation of Population at Risk

(Please only change the “Total Population likely to be affected”; rest of the calculations will change automatically.)

Table 5 Vulnerable groups of target population

Disease Breakdown

(Please only change the number against “Expected Burden of Disease based on data from floods 2010”, this expected burden may be calculated from average of August & September

<i>Total Population Likely to be Affected</i>		<i>343125</i>	
Target Group	%	Annual	Monthly
Expected Pregnancies	3.40%	11,666	972
Expected Births	2.90%	9,951	829
0-11 Months	2.70%	9,264	772
0-23 months	5.20%	17,843	1487
0- 5 years	13.40%	45,979	3832
Married CBAs (15 to 49 y)	16%	54,900	4575

2010 patients reported in Fixed Centres and Mobile Teams, rest of the calculations will change automatically.)

Table 6 Expected Burden of Disease

S. No.	Disease	%	Average Monthly #
1	Injuries	2%	1,000
2	Snake bite	0.03%	15
3	Dog bite	0.08%	40
4	Skin infection	21%	10,500
5	Eye infection	6%	3,000
6	Diarrhea	11%	5,500
7	ARI	18%	9,000
8	Fever	10%	5,000
9	Others	31%	15,500
10	Expected Malnourished Children	13%	6,500
11	Expected Malnourished PLWs	15%	7,500

FIXED CENTRES& MOBILE TEAMS PLANNED

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

HR for each Fixed Centre

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

HR for each Mobile Teams

Medical officer	1
LHVs	1
Dispensers	1
Driver	1

Fixed Camps

Table 7 Details of Fixed Camps Planned

1-Camp AT River Jehlum khushab Bridge

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

Team No .1

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr usama Bashir	Medical Officer	THQ Hospital	

			Khushab	
2	Mohammad Iqbal	Dispenser	THQ khushab	03137003147
3	Mohammad Munir CDC (Sup) Javeed iqbal CDC supervisor uc 19 Khushab 03076713912	CDC supervisor	do	03017245682 03336818841
4	Mohammad Riaz	N/Q	BHU Bijar	03087000078

Team No .2 EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr Farhanullah khan	Medical officer	BHU chak No 47/MB	03027205613
2	Bilal Asmat	Dispenser	RHC Mithatiwana	03327221097
3	Mohammad Asif Raza	ward servant	THQ Khushab	03336812104

Team No .3 NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Zafar Abbas	Dispenser	CD 45/MB	03065696335
2	Aqeel Abbas	Gate keeper THQ Khushab	THQ Khushab	03006073268
3	Muhammad ilyas	CDC supervisor UC 20 khushab	Do	

2 Camp AT Village Sandral

Team No 4. MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad usman	Medical Officer	BHU Sandral	03338294786
2	Mohammad Javeed	Dispenser RHC Mithatiwana	RHC Mithatiwana	03438771643 03326497988
3	Naheed Yasmin	LHW	Do	03038535244
4	Mohammad Hafeez	CDC Supervisor	Do	03006070776
5	Mohammad Yameen	W/servant	BHU Sandral	03007048899
6	Kashif Jveed	Sanitary Inspector	Do	03336814744

Team No.5 EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Haroon Sultan	Dispenser	RD Pail	03039339385
2	Naheed Yasmin	LHW	Do	03038535244
3	Muhammad Abdul Qadir	W/C	RD 38DB	

Team NO 6. NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Yousaf	Dispenser	RD Bitta	
2	Zafar Iqbal	N/Q	BHU Nari	03367195768
3	Samina Bibi	LHW	Do	03025479094

3-Camp AT Village Rajar

Team No 7 MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Muhammad Mumtaz	Medical officer	BHU Talokar	03017078639
2	Muhammad irfan	Dispenser	BHU Anga	03027151933
3	Attfa Rubab	LHV MCH	MCH Rajar	03008127213
4	Abida Parveen	LHW	Do	03059716055

Team No 8 EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Taqi Shah	Dispenser	BHU Nari	
2	Ehtashaul Abbas	W/C	RD Bhan Sultanwala	03060119076

Team No 9 NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Hafiz Mohammad sarfraz	Dispenser	RD 35/MB	03002928064
2	Mohammad Mumtaz	Water carrier	RD 53MB	03006072551

4-Camp AT Village Hassan Purtiwana

Team No 10 MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Imran Naseer	Medical Officer	BHU Tiba Qaim Din	03317684930
2	Ahsan Ayaz	Dispenser	RD Hassanpurtiwana	
3	Mohammad Saleem	w/c	Do	03365501631
	Rizwana	LHW	Do	03013782071

Team No 11 EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Tayab Rehman	Dispenser	RHC Roda	03057127343
2	Ghullam Shabir	w/c	BHU TibaQaimDin	03436938533

Team No 12. NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Jawad Hussain shah	HT	BHU Tiba QaimDin	03066787826
2	Mohammad Abid	w/C	RD HassanPurtiwana	03025789853

5-Camp AT Village Girote

Team No 13 MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Zubair	Dispenser	RHC Roda	03016346086
2	Tasveer Akhtar	LHW	Do	03026717968
3	Naeem Abbas	CDC supervisor	BHU Girote	03028931583

Team No 14. EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Idrees	Dispenser	RD 53MB	03326370971 03015668184
2	Mohammad Ayoub	N/Q	BHU Girote	03026399645
3	Ejaz Fatima	Dai	Do	03066776315

Team No 15 .NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Azeem Akhtar	Dispenser	BHU Uchalla	03026342746
2	Amanullah	S/W	RD katimar	

6-Camp AT Village Jaurakalan/Tatri

Team No 16. MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr.Aysha Aslam	WMO	BHU Jaurakalan	03324320598

2	Mohammad Aslam	Dispenser	CD Adhikot	03027960229
	Mohammad Buksh	Chowkidar	Do	

Team No 17. EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Arif	Dispenser	RD Biland	03028758565
2	Ghullam Hasnain	W/C	RD Aino	

Team No 18. NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Azam	Dispenser	RD 27Mb	03023535240
2	Ghous Mohammad	w/c	RD 41DB	03023537140

7-Camp AT Village Majoka

Team No 19 MORNING 8.00 A.M. TO 3.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Aysha Sikandar	WMO	BHU Majoka	03354561760
2	Shoukat Hayat Khara	Dispenser	BHU Khatwan	030416770699
3	Mohammad Hafeez	N/Q	BHU Khatwan	03076782464

Team No 20 . EVENING 3.00P.M. TO 11.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Gohar Hayat	Dispenser	RD Aino	
2	Ghullam Abbas	Chowkidar	Do	

Team No 21 NIGHT 11.00P.M. TO 08.00 P.M.

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Atteque Ur Rehman	Dispenser	BHU Adhikot	03004595529
2	Mohammad waqas	W/C	RD Mithakhoo	03006184527

Team No 22 MORNING 8.00 A.M. TO 6.00 P.M At Imran Petroleum Khushab

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Nayyar Abbas	Dispenser	BHU waheer	03016774512
2	Muhammad Sabir	W/C	BHU Waheer	
3	Mohammad Javid	Sanitary patrol	RHC Roda	03336778988

4	Muhammad Ilyas	CDC supervisor UC 23	Khushab city	03066344330
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**Team No 23. MORNING 8.00 A.M. TO 6.00 P.M. at Pull Saim Nala Sargodha Road
Khushab**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Iqbal	Dispenser THQ Khushab	Sargodha Road Khushab	03137003147
2	Aqeel Abbas	Gate keeper THQ Khushab	Do	03006073268

**Team No 24 MORNING 8.00 A.M. TO 6.00 P.M. at Mohallah Hussain Abad Girote
Road Khushab**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Iqbal	Dispenser RD 38DB	Camp Baithak Sarfraiz Maiken Hussain Abad Khushab	03006071761
2	Ehsan ul Haq	Sanitary patrol DHO office	Do	03336817044
3	Mubashar Hul Hassan	w/c 56MB	Do	03016343066
4	Muhammad hafeez	CDC supervisor UC 22	Do	03006070776

Team No 25 MORNING 8.00 A.M. TO 6.00 P.M. AT BHU Sandral

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
2	Mohammad Faheem	Dispenser	Sandral	03006073554 03009769624
3	Sahib Khatoon Riaz Begum	LHW	Do	03038535244 03007246702
4	Sidra Yasmin	LHV	Do	03046280563

Team No 26 06.00P.M. TO 8.00 A.M. AT BHU Sandral

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Tahir	Dispenser RD 41 DB	RD 41 DB	03009772356
2	Asmat Ullah	Chowkidar	Do	03446897660

Team No .27 8 AM.00. TO 06.00 P.M. At Village Gagah

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Abdul Sattar	Dispenser RD 35 MB	Village Gagh	03025242902
2	Zafar Iqbal	N/Q BHU Nari	Do	03367195768
3	Samina Bibi	LHW	Do	03025479094

Team No 28

8 AM.00. TO 06.00 PM. At Village Namewali

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Haji zahoor ud Din	Dispenser	RD chak No 39/DB	03025455709
2	Mohammad Akram	N/Q BHU Nalli	Do	
3	Razia Begum	LHW	Do	03143108584

Team No 29

8 AM.00. TO 06.00 PM. At Village ThatiKalrani

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mazhar Husain	Dispenser	RD adhi sargal	03023970150
2	Asad Javid	N/Q BHU	Botala	
3	Amina Bibi	LHW	Do	03044948626

Team No.30

8 AM.00. TO 06.00 P.M. At AraiK Pur KhairPur

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Rana Muzafar	Dispenser	CD27MB	03016773968
2	Syed imran Haider	w/c	BHU Khatta	03468627465
3	Zaitoon Akhtar	LHW	Do	03026342502

Team No 31

8 AM.00. TO 06.00 P.M. At Village Noorwana

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad Shoaib	Dispenser	AKZM Khatwai	03336812522
2	Abdul Qadeer	W/C	Do	03413473590
3	Shahnaz & Sajda	LHW	Do	

Team No 32

8 AM.00. TO 06.00 P.M. At Village Kora

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Sher	HT BHU Nari	Nari	03006078452
2	Munir Ahmad	W/C BHU Kund	Kund	03016719688

Team No.33

8 AM.00. TO 06.00 P.M. At Village Dhak

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mohammad Irfan	Dispenser	RHC	

			Mithatiwana	
2	Mohammad iqbal	N/Q	Talokar	03023532884
3	Naheed Sajawal	LHW	Do	03467962013

Team No 34 **8 AM.00. TO 06.00 P.M. At Village Jhugian**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Yousaf	Dispenser	RD Bitta	03026773803
2	Mohammad Akram	N/Q	Do	03038535395
3	Farzana Yasmeen	LHW		

Team No.35 **MORNING 8.00 A.M. TO 6.00 P.M. BHU Talokar**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Javeed	Dispenser	BHU 56/MB	03014565684
2	Razi sultana	LHV	Do	03038537853
3	Yasmin Bibi LHW Samea Parveen	LHW	Do	03037098920 03056889682

Team No 36 **06.00P.M. TO 8.00 A.M.Talokar**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Sharif	Dispenser	BHU Jahlar	03027735667
2	Zulqarnain Nawaz	N/Q`	BHU Jahlar	
3	Safia Bibi	Dai	Do	03023794285

Team No 37 **8.00 A.M. TO 06.00 P.M.village Bansi Balwal**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Fazal Kareem	HT	BHU Waheer	03455844268
2	Mohammad Sabir	W/C	DO	

Team No 38 **MORNING 8.00 A.M. TO 6.00 P.M.TibaQaimDin**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Ashraf	Dispenser	Tiba QaimDin	03022249058
2	Tahira Yasmin M/W	M/W	Do	03156071348
3	Mian Mohammad	N/Q	Do	03066391976
4	Tasleem Akhtar	LHW	Do	03441440745
5	Tahira Yasmin	M/W	Do	03326540117
6				

Team No 39 **Evening 06.00P.M. TO 08.00 A.M. TibaQaimDin**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.

1	Ahmad Khan	Dispenser	BHU Pelowance	03028783488
2	Ghullam Shabir W/C	BHU	Do	03436938533
3	Naseem Akhtar	LHW	Do	03458899258
4	Tahira Yasmin	M/W	Do	

Team No 40 8.00A.M. TO 06.00 P.M.Muhibpur

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Shafiq ur Rehman	HT	BHU Chan	03026399526
2	Mohammad Mumtaz	W/C RD 53/MB	Do	03326877971
3	Nighat Parveen	LHW	Do	03026344851

Team No 41 8.00A.M. TO 06.00 P.M.Joyia

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Attif Hasnain	Dispenser	RD Joyia	03006014717
2	Mohammad saeed	w/c	Do	03060963480 03467183235
3	Asma Batool	LHW	Do	03417534266

Team No 42 8.00A.M. TO 06.00 P.M.Jalalpur

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad islam	Dispenser	RD Bhan sultan	03417375930
2	Abdul Hameed	w/c	Rd	03474173990
3	Bushra Batool	LHW	Do	03444810961

Team No 43 8.00A.M. TO 06.00 P.M.Gogochaki

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Atta Mohammad	Dispenser	Rd Gogochaki	03455844002
2	Mureed Hussain	W/C	Do	03417456392
3	Rehana Naz	LHW	Do	03416921215

Team No 44 8.00A.M. TO 06.00 P.M.village Jaurajageer

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Muhammad SARfraz	Dispenser	RD Biland	03002928064
2	Mohammad Ijaz	Sanitary inspector	BHU Jamali	03432290623
3	Naeem Zahra	LHW	Do	03057725020

Team No.45 MORNING 8.00 A.M. TO 6.00 P.M.BHU Girote

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Gulnaz kokab	WMO	BHU Girote	03008887124
2	Johar Hussain Shah	Dispenser	Do	03056463512
3	umefarwa	M/W	Do	03014385273
4	Saima Manzoor	LHW	Do	03023531633
5	Samina Yasmin	LHV	Do	03013924923

Team No 46 Evening 06.00P.M. TO 8.00 A.M. BHUGirote

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Sher Mohammad	Dispenser	RD Maikan	03455849791
2	Ghullam Hussain	w/c	RD Aino	03406624249

Team No 47 **8.00A.M. TO 06.00 P.M.village shahajmal**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mohammad sher	HT	BHU Pelowance	03026395890
2	Natiq Hussain	N/Q	RHC Roda	03016341370
3	Maryyam Bibi	LHw	Do	03005309124
4	Mohammad Khalid	Driver RHC Roda	Do	

Team No 48 **8.00.A.M. TO 06.00 P.M.village Langar wala**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Abdul Hameed	HT	BHU Rahdari	
2	Kafaitullah	w/s	Do	03027448085
3	Tasveer Akhtar	LHW	Do	

Tehsil Noorpurthal

Team No 49 **MORNING 8.00 A.M. TO 6.00 P.M.BHU Majoka**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Ismail	HT	BHU Majoka	03016347005
2	Aysha Batool	LHW	Do	03087229672
3	Mohammad Buksh	W/C	Do	03084018366

Team No 50 **Evening 06.00P.M. TO 8.00 A.M. BHU Majoka**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Nasir Mehmood	Dispenser	BHU Majoka	0301430619
2	Zareena	LHW	Do	03447567482
3	Ahmad Buksh	Chowkidar	Do	03024437566

Team No 51 **8.00 A.M. TO 06.00 P.M. Village Shergarh**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Allah Nawaz	Dispenser	RD Shergarh	03467944120
2	Mohammad Akram	W/S	RD 33/DB	03054437566
3	Mastoran Bibi	LHW		

Team No 52 **8.00 A.M. TO 06.00 P.M.village Thati Buksh**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Asim tanveer	Dispenser	RD Bambool	

2	Ahmad Buksh	W/C	Do	
3	Abda Naseem	LHW		03066346118

Team No 53 8.00 A.M. TO 06.00 P.M.Village Khaikalan

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mohammad Ismail	Dispenser	BHU Rahdari	03068475711
2	Mohammad Riaz	w/s	CD 27/MB	03467945922
3	Ifat Batool	LHW	Do	

Team No 54 8.00 A.M. TO 06.00 P.M village Stashani

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Ramzan	Dispenser	RD Sathani	03455843260
2	Mohammad Hanif	w/c	Do	03413389783
3	Asmat Bibi	LHW	Do	03467778846

Team No 55 8.00 A.M. TO 06.00 P.M village obhal

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Numan Ahmad	Dispenser	RD Obhal	03027919858
2	Mohammad Amjad	N/Q RHC Roda	Do	03026598324
3	Shamim Akhtar	LHW	Do	03066093498

Team No 56 8.00 A.M. TO 06.00 P.M village Tatri (BHU)

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Aysha Aslam	WMO	BHU Tatri	03012454568
1	Muhammad Saleem	Dispenser	RD 20MB	03025242902
2	Mohammad Ramzan	N/Q BHU Tatri	Do	03026732608

Team No 57 6.00 P.M. TO 08.00 A.M villageTatri

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mohammad Akhtar Rasool	Dispenser	RD Bambool	03013925425
2	Ghullam Abbas	Chowkidar	Do	

Team No 58 8.00 A.M. TO 06.00 P.M villageJaurakalan (BHU)

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.

1	Qari Mohammad Farooq	HT	BHU Jaurakalan	03004333762
2	Umer Farooq	w/c RD jaurakalan	Do	
3	Tasleem Sageeran	LHV	Do	

Team No 59 6.00 P.M. TO 08.00 A.M villageJaurakalan (BHU)

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Ehtazaz Ehsan	Dispenser	BHU Daduwala	03055610478
2	Mohammad Buksh	Chowkidar	Do	

Team No 60 8.00 A.M. TO 06.00 P.M villageRangpur Saim affected area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Gul Jahan	Dispenser	BHU Rangpur	03077580541
2	Nelofar Shahzadi	M/W	Do	03041711322
3	Kalsoon Akhtar	LHW	Do	03015713946

Team No 61 8.00 A.M. TO 06.00 P.M villageAdhikot Saim affected area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Shafiq Ur Rehman	Dispenser	CD 17Mb	
3	Kalsoon Akhtar	LHW	Do	03015713946
	Mohammad ASlam	Dispenser	Adhikot CD 17Mb	03027960229

Rain Affected Area Tehsil Khushab

Team No 62

MORNING 8.00 A.M. TO 6.00 P.M.village Daiwal(BHU 24/7)

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Naveed Khawar	Dispenser	BHU Daiwal	
2	Ambreen Manzoor	LHV	Do	03365501631
3	Abida Batool	LHW	Do	03327721765

Team No 63 NIGHT 8.00A.M. TO 06.00 P.M.village Jaswal Rain Affected Area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad wasif	Dispenser	SHC jaswal	03026776039
2	Mohammad Fiaz	W/C	Do	03467979250

Team No 64 NIGHT 8.00.A.M. TO 06.00 P.M.village Bola Rain Affected Area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Tasawar Hussain Shah	Dispenser	SHC Bola	03448186967
2	Asad Abbas	N/Q	Do	

Rain Affected Area Tehsil Quaidabad

Team No.65

8.00.A.M. TO 06.00 P.M.Tehsil Quaidabad Chak No 5TDA

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Dr,Umer Shahzad	Medical officer	Chak No 5TDA	
2	Zahid Hussain Shah	Dispenser	THQ Q/bd	03004889963
3	Mohammad Akram	w/c	Do	03026598324
4	Naila Sharif	LHW	Do	03026237087

Team No.66 8.00.A.M. TO 06.00 P.M.Okhly Mohla RainAffected Area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE /	CONTACT NO.
2	Mohammad Akbar	Dispenser	BHU Okhly Mohla	03016770896
3	Zara Akram	LHV	Do	
4	Shahdat Khan	W/C	Do	03013698638

Team No.67 8.00.A.M. TO 06.00 P.M.Bandial Dera Jat Rain Affected Area

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE /	CONTACT NO.
1	Iftikhar ul Hassan	HT	BHU Bandial	03009016611
2	Tahira Parveen	LHV	Do	03004772035
3	Khuram Shahzad	N/Q	Do	03023534906

Team No.68**8.00.A.M. TO 06.00 P.M.Shumar & Dera Jat Rain Affected****Area**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Mohammad Sultan	Dispsene	BHU Shumar	03004390348
2	Shazia Bukhari	LHV	Do	03006077692
3	Sher Ahmad	W/C	Do	03476960007

Team No.69**8.00.A.M. TO 06.00 P.M.warcha & Dera Jat Rain Affected****Area**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE :	CONTACT NO.
1	Anwar ul Haq	HT BHU warcha	BHU warcha	03016344013
2	Ahmad Hayat	N/Q	Do	

Team No.70**8.00.A.M. TO 06.00 P.M.Jabi& Dera Jat Rain Affected Area**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Ahsan	Dispenser	BHU Jabbi	03344527872
2	Naheed Kausar	LHV	Do	03037090209
3	Mohammad Abdulah	N/Q	Do	03477449950

Team No 71**Hadali Camp 8.00.A.M. TO 06.00 P.M.**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Mohammad Akhtar	Dispenser	RHC Hadali	0302639356 8
2	Mohammad Farooq	W/C	RHChadali	

Team No 72**Mithatiwana Camp 8.00.A.M. TO 06.00 P.M.**

S.#	NAME OF OFFICIAL	DESIGNATION	NAME OF CENTRE	CONTACT NO.
1	Nor Zaman dhili	Dispenser RHC Mithatiwana	RHC Mithatiwana	03000681341
2	Mohammad Javid	N/Q RHC Mithatiwana	do	

Mobile Teams

Table 8 Details of Mobile Teams Planned

Team #	Vehicle Number	Designated Team		
		Name with Designation	Present Posting	Cell #
Team No 1.khushab city		Arshad Javeed Dispenser Mohammad Hafeez Fatima LHV	THQ Hospital Khushab	03006078063
	Driver Name			
Team No.2.Sandral		Abdul Hameed Dispenser Sidra Yasmin LHV	RD Katimar	03005025738
	Driver Name			
Team No.3. Talokar/Rajar		Mohammad Aslam Dispenser Tahira Bashir LHV BHU Nari	BHU Uchalli	03057443751
	Driver Name			
Team No.4.Hassanpurti wana		Mohammad Ashraf Dispenser Nazia Tabasum LHV	BHU TibaQaim, Din	03022249058
	Driver Name			
Team No 5.Girote		Tahir Munir Dispenser RHC roda Razia Sultana LHV BHU Girote	RHC Roda	03013497298
	Driver Name			
Team No.6.Majoka & jaurakalan		Mohammad Amin HT Shela Naz M/W	BHU Tatri	03007670071
	Driver Name			
Team No .7 Hadali/Mithatiwa na		Mohammad Aslam Dispenser Rahat Nazir LHV RHC Hadali	RHC Mithatiwana	03037093250

		Mohammad javid Akhtar W/S RHC Hadali		
	Driver Name			
Team No 8 Quaidabad		Mohammad Asghar Dispenser Sumia Bibi LHV THQ	THQ Hospital Quaidabad	03344842559
	Driver Name			

Preventive Health Teams

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

Table 9 Preventive Health Teams to support Fixed & Mobile Teams

Union Council	SH&NS	LHS	SI	Vaccinator	CDC Supervisor
Khushab City	All posts are vacant	Surya Parveen C,no.	Muhammad Saleem si	Malik Mohammad Shoaib	Mohammad Munir
Contact No		03137679504	03458638575	03006077083	03076774541
Khushab City		Rahana Andleeb	Mohammad Rasheed	Muhammad Imtiaz	Javid iqbal Mohammad Munir Mohammad ilyas
Contact No		03078911560	03009862075	033227721935	03455842601
Sandral		Nusrat Batool	Kashif Javaid	Muhammad Noor 03427720375	Abdul jabar
Contact No		03066343457	03336814744	03427720375	03028709731
Talokar		Razia Bibi	Mohammad Ayoub	Muhammad Khalil	Muhammad Munir
Contact No		03013656297		03006076204	03076774541
Tiba Qaim Din		Samina Qamar	Ghullam Abbas	Mohammad irfan	Mohammad Yousaf
Contact No		03334054194	03005371158	03046940413	03016042821
Girote		Bushera Batool	Abdul Ghafoor	Muhammad Yaqoob	Muhammad Naeem
Contact No		03076776734	03006066830	03066347417	03028931583
Joura Kalan		Shazia Nasreen	Al.Fur Rehman	Mohammad Imran	Falak Sher
Contact No		03477673166	03455849285	03012391597	03014860265
Majoka		Amt-ul-Naeem	Tahir Yaqoob	Zia ul sher	Zafar iqbal
Contact No		03065403201	03476895835	03455825009	03076012422

Daiwal		Razia Bibi	Mazhar Hussain	Haq Nawaz	Samar Shamsheer
Contact No		03007983734	03066777997	03004499565	03016743039

LOGISTICS

Table 10 logistic gap analysis

Item	Quantity Required	Stock In Hand	Gap
Emergency Health Kit (EHK) (1 EHK is sufficient for 6000 population for 1 month)	20		20
ARV @5 doses/pt	500 ampoules	50 Ampoules	450
ASV @3 Doses/pt	500 ampoules	50	450
Polio vaccine	14442		14442
Measles vaccine	31592		31592
TT	3611		3611--
Vit.A Capsules			
<i>Blue</i>	1444		1444--
<i>Red</i>	11554		11554
ORS	50000		50000
Tab. Chloroquine	50000		50000
Tab. Primaquine	50000		50000
Safe Delivery Kits	500		500
Plumpy Dose	--		--
High Energy Biscuits			
Micronutrient Tabs	50000		50000
Sprinkles			
Aqua Tabs for Water purification	100000	20000	80000
Vector Control Stocks	1200 litre required		
Insecticides	1200 lit required		
			1200 lit
Equipment			
Ambulances	12	0	12
Personal Protection Equipment			
Spray Pumps	108	08	100
Fogging Machines	108	--	108
<i>Hand Held</i>	54	--	54
<i>Vehicle Mounted</i>	05		05
Mosquito Bed Nets	5000	-	5000
Diagnostics	50	-	50
Rapid Diagnostic Kits for Malaria	50000	20000	30000
Microscopy centres			

MAPPING OF LOCAL PARTNERS

(Please identify local NGOs and other local partners, e.g. local industry or trade union etc, and areas in which they can provide support. The committed support might be in the form of Human Resource, ambulance for relief activities only, medicines etc.)

Table 11 Details of Local Partners & their support

S. No.	Name of NGO/Partner	Contact Details & Address	Areas of Support
1	Awaz NGO (Shahnwaz Khan)	NGO Mianwali road Jauharabad 03085052768	Sadnral, Tolkar Khushab City, Diwal, Hasson pur Tiwana, Girote
2	NRSP	Sugar Mill road Jauharabad	Sadnral, Tolkar Khushab City, Diwal, Hasson pur Tiwana, Girote

MANAGEMENT AND COORDINATION

The overall responsibility of management and coordination would lie with Health & Nutrition Coordination Committee under overall supervision of CEO/DHA-Health. The Coordination Committee will comprise of District Health, Officer Deputy District Health officer, PHS, DCNP, CDCO, DSV, DSI and representatives from UN Development partners with CEO/DHA-Health as Chairperson. District Health Authority will keep close liaison with DDMA for overall guidance and mobilization of additional resources.

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

The District Control Room (DCR) will start functioning w.e.f 1 July 2018 under the supervision of Dr, Amanullah Qazi DHO Preventive-contact No. 03007785535, which will function round the clock till directions from the DGHS office. At least one official will be available in this cell with telephone facility 24/7. The duty roster of the DCR is given below:

Landline # of DCR→	0454920093
Name/Designation of official on duty (shift wise):→	(Morning).Mohammad Usman makki SI BHU khora 03225472782
	(Evening)Naheed Abbas Sanitary Inspector BHU 47/MB contact No03009862075
	(Night) Naheed Abbas Sanitary Inspector BHU 47/MB contact No03009862075

Alternative Duty	Mohammad saleem SI BHU Botala 03066383815
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Declaration of emergency by DDMA will act as trigger to mobilize all mobile and static teams to already designated stations. The supply chain will be maintained to replenish the medicines and consumables on regular basis. District Team will coordinate with Provincial Team in case additional help or resources are required.

Logistic Management

The district will ensure prepositioning of reserve stocks before start of monsoon. Afterwards 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 Centres 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. District should reserve the stock of medicines according to their target population and expected disease burden. The amount of medicines/vaccines and other logistics reserved for flood emergency should be sufficient for at least one month.

Disease Surveillance and Epidemic Response

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

Table 12 District Emergency Response Team (DERT)

Designation	Name	Contact #
DHO Preventive	Dr,Amanullah Qazi	03007785535
District Pathologist	Dr,Mohammad javid DHQ Hospital	03006037394
District Medical Specialist	Dr. Raja RabNawaz	03224366033
District Paediatrician	Dr. Raza Munir THQ Hospital Khushab	03016346291
District Surveillance Coordinator	Dr,Rao Gulzar Yousaf	03008702089

Logistics/Supplies Support from Partners

District Health & Nutrition Coordinating Cells will submit the requisitions of supply of logistics by UN development partners through a prescribed form to Provincial Cell established in DGHS Office.

Once the flood emergency is declared by PDMA, all INGOs/NGOs intending to work for relief in thematic areas of Health and Nutrition will be required to report to Chairman District H & N Coordination Committee official designated by him before instigation of work. The District Coordination Committee or Official designated will allocate area on the basis of needs and gaps. District Health and Nutrition Coordination Committee will keep updated maps of relief activities.

Work Plan

S. No.	Activity	Time Line	Responsibility
1.	Finalisation and Submission of District Contingency Plan for Monsoon 2016 to Directorate	30 th April	CEO/DHA
2.	Notification of District Coordination Team	1 st June	CEO/DHA
3.	Initiation of regular meetings of District Coordination Teams	1 st week of June	CEO/DHA
4.	Arrangement of Deficient Stocks of logistics/Supplies	15 th June	CEO/DHA
5.	Mapping of local NGOs / CBOs that can be helpful during any emergency	2 nd Week of June	CEO/DHA
6.	Pre-positioning of Reserve Stocks at Designated Points/Health Facilities	20 th June	DHO/DDHO
7.	Initiation of regular meetings of District Coordination Teams	First week of June	CEO/DHA
8.	Orientation Training of Staff on disease reporting, etc.	2 nd week of June	CEO/DHA
9.	Dry run rehearsal	3 rd week of June	DHDC
10.	Review of Preparations	4 th week of June	CEO/DHA
11.	Activation of District ERT and Control Room	1 st July	CEO/DHA
12.	Disease Reporting on Weekly Basis	Immediate	CDCO
13.	Switching over to Daily Reporting Mode	On declaration of flood emergency	CDCO

ANNEXURE

ANNEXUREA

HEALTH FACILITY REPORTING FORM

Province: Punjab District: Date: ____/____/2018____

Health facility name and Type (fix / Mobile)_____ Location:_____

Catchment Population: _____

Reported by: _____ Contact Number: _____

Status of distribution of Different Items				Vaccination given		
ORS	Aqua Tabs	Zinc Sulphate	Bottled Water	Polio	Measles	TT
#	#	#	#	#	#	#

Slides for Malaria	Total No of New patients	Total No of Old Patients	Total	
# of slides taken for Malaria				
# of slides found Positive				
Treatment Given				

<i>Disease</i>	<i>Cases</i>	<i>Deaths</i>
<i>Acute Respiratory Infection (ARI)</i>		
<i>Gastroenteritis</i>		
<i>Fever</i>		
<i>Skin Diseases</i>		
<i>Injuries</i>		
<i>Dog Bite</i>		
<i>Snake Bite</i>		
<i>Others</i>		
<i>Total</i>		

Total Wells Chlorinated	Total Water Samples taken
#	#

Incharge Health Facility

Annex: B

DISTRICT REPORTING FORM

Province: Punjab

District:

Date: ___/___/2018

Total population under surveillance on the day of reporting: _____

Status of distribution of Different Items				Vaccination			Spray/Fogging Activities						
ORS	Aqua Tabs	Mosquito Nets	Bottled Water	Polio	Measles	T T	Spray Squads	Rooms Sprayed	Deltamethrine 5% WP Consumed	Area Fogged	Permethrin in 25EC/Deltamethrin liq consumed	Area of Breeding place covered	Fenthion 2% consumed

Total Wells Chlorinated	Total Water Samples taken
#	#

	#	#	#	#	#	#	#	#	# in kgs	In Sq. Acres	# of litres		#

UCs affected	Static Camps (Including Health Facilities)	Mobile Teams	Total Teams
#	#	#	#

Slides for Malaria	Total No. of New Patients	Total No of Old Patients	Total
# of slides taken for Malaria			
# of slides found Positive			
Treatment Given			

<i>Disease</i>	<i>Cases</i>	<i>Deaths</i>
<i>Acute Respiratory Infection (ARI)</i>		
<i>Gastroenteritis</i>		
<i>Fever</i>		
<i>Skin Diseases</i>		
<i>Injuries</i>		
<i>Dog Bite</i>		
<i>Snake Bite</i>		
<i>Others</i>		
<i>Total</i>		

CEO/DHA

Annex C

EMERGENCY HEALTH KIT



World Health Organization

WHO Emergency Health Kit

For An area of Having population of 6,000 for 1 months

Sr#	Items	Formulation	Qty/ MEHK kit	Packing Details (Box No.)
1	Aluminium Hydroxide 200mg + Magnesium Trisilicate 200mg + Simethicone 25mg	Tablet (Chewable) Aluminium Hydroxide 200mg + Magnesium Trisilicate 200mg + Simethicone 25mg Strip/blister	2,000	1
2	Amoxicillin	Capsule or tablet, 250 mg (anhydrous) Strip/blister	1,000	1
3	Amoxicillin	Capsule or tablet, 500 mg (anhydrous) Strip/blister	500	1
4	Amoxicillin	Drops 125mg/1.25ml, 10ml	60	1
5	Polymyxin B + Bacitracin Zinc	Eye ointment, Polymyxin B Sulphate 10,000iu + Bacitracin Zinc 500 Units in Petrolatum Base, 6g	100	1
6	Ibuprofen	Tablets 400mg Strip/blister	500	1
7	Paracetamol	Drops, 80mg/0.8ml, 15ml	60	1
8	Ferrous sulphate (Exsiccated) + Folic Acid	Tablet, Ferrous sulphate (Exsiccated) 150mg + Folic Acid 0.5mg Strip/blister	1,000	1
9	Mebendazole	Tablet, 100 mg Strip/blister	120	1
10	Oral Rehydration salt (LOS)	Dry mixture (Low Osmolarity Formula) in sachet for 1 liter of solution	160	1
11	Zinc Sulphate	Oral Solution 0.5 mg/5ml, 60ml	45	1
12	Adhesive Tape (Hypoallergenic)	Size 1"	12	1
13	Cotton Bandages	10cm x 3m	12	1
14	Examination Gloves	Medium Size Box of (100's)	1	1
15	Ampicillin	Injection 500mg	50	2
16	Amikacin	Injection 250mg	50	2
17	Hydralazine Hcl	Tablets, 25mg, Blister/Strip	100	2
18	Clotrimazole (Single Tablet Pack)	Tablet, 0.5g with Applicator	50	2
19	Water For Injection	5ml Ampoule	100	2

20	Folic Acid	Tablet, 5mg Strip/blister	1,000	2
21	Metronidazole	Tablet Film coated, 400 mg Strip/blister	400	2
22	Methylergometrine H maleate	Injection 0.2mg/ml, 1ml Ampoule	10	2
23	Oxytocin	Inj, 5iu/ml, 1ml	10	2
24	Tranexamic Acid	Injection, 5% W/V, 5ml	10	2
25	Tranexamic Acid	Cap.250mg Strip/blister	100	2
26	Salbutamol	Respirator solution, for use in nebulizers, 0.5% W/V, 20ml	20	2
27	Salbutamol	Tablet 4mg Strip/blister	240	2
28	Absorbant Cotton Wool	500 grams	10	3
29	Lidocaine	Topical 2% W/V, 15gms	10	3
30	Povidone iodine	Solution 10% W/V, 450ml	3	3
31	Adhesive Tape (Hypoallergenic)	Size 1"	12	3
32	Butter Fly Needle	21 G	5	3
33	Butter Fly Needle	25 G	5	3
34	Blood Lancets	Units	5	3
35	Cotton Bandages	10cmx3m	48	3
36	Examination Gloves	Medium Size Box of (100's)	2	3
37	Endotracheal Tube	Size 3.0	1	3
38	Endotracheal Tube	Size 3.5	1	3
39	Endotracheal Tube	Size 4.0	1	3
40	Endotracheal Tube	Size 4.5	1	3
41	Endotracheal Tube	Size 7.0	1	3
42	Endotracheal Tube	Size 7.5	5	3
43	Foleys Catheter	Size 12	1	3
44	Foleys Catheter	Size 14	3	3
45	Foleys Catheter	Size 16	7	3
46	Stomach Tube	Size 12	3	3
47	Stomach Tube	Size 14	2	3
48	Stomach Tube	Size 16	2	3
49	Stomach Tube	Size 18	2	3
50	I.V.Cannula with port	No.20	5	3
51	I.V.Cannula with port	No.22	5	3
52	I.V.Cannula with port	No.18 G	5	3
53	I.V.Cannula	No.24	5	3
54	I.V.Sets	Unit	60	3
55	Masks	Face Mask	5	3
56	Nasogastric Tubes/Feeding Tube	Size 6	7	3

57	Nasogastric Tubes/Feeding Tube	Size 8	9	3
58	Nasogastric Tubes/Feeding Tube	Size 10	2	3
59	Nasogastric Tubes/Feeding Tube	Size 12	1	3
60	Nasogastric Tubes/Feeding Tube	Size 16	1	3
61	Nasogastric Tubes/Feeding Tube	Size 18	1	3
62	Silk with Needle	Size 2, 75cm	5	3
63	Silk with Needle	Size 3, 75cm	5	3
64	Syringes	5cc	50	3
65	Syringes	1cc	10	3
66	Volumetric Chamber (I.V Burret)	100ml	20	3
67	Nebulizer Kit	Unit	10	3
68	Enema	120ml	10	4
69	Chloroquine Phosphate	Tablet, 250mg Strip/blister	500	4
70	Omeprazole	Capsule/Tablet 20mg Strip/blister	301	4
71	Ranitidine	Tablets Film coated, 150mg Strip/blister	280	4
72	Ranitidine	inj 50mg/ml	10	4
73	Atropine	Injection 1mg/1ml	10	4
74	Chloramphenicol	Drops Ear 0.5%; 10ml	10	4
75	Chlorpheniramine maleate	Tablets 4mg Strip/blister	1,000	4
76	Dexamethasone Sodium Phosphate	Inj.4mg/ml, 1ml	25	4
77				
78	Mebendazole	Oral suspension 100mg/5ml	50	4
79	Hydrocortisone	Sterile Powder for injection , 100mg+1 Ampoule Water for Injection(2ml)	10	4
80	Diclofenac Sodium	Injection 75mg/3ml	50	4
81	Diclofenac Sodium	Tablet, 50mg	300	4
82	Dimenhydrinate	Tablet, 50mg Strip/blister	300	4
83	Prochlorperazine	Tablet, 5mg Strip/blister	60	4
84	Glibenclamide	Tablet, 5mg Strip/blister	120	4
85	Metformin Hydrochloride	Tablet, 500mg Strip/blister	100	4
86	Sodium dichloroisocyanurate Tab (Aquatab)	Tablet, 33mg Strip/blister	400	4
87	Ciprofloxacin	Tablet coated, 250mg Strip/blister	300	5

88	Doxycycline	Capsule or tablet 100 mg (as hydrochloride) Strip/blister	200	5
89	Erythromycin Stearate	Tablet Film coated, 250mg Strip/blister	600	5
90	Sulfamethoxazole + Trimethoprim*	Tablet, Sulfamethoxazole 400mg+80 mg Strip/blister	1,000	5
91	Atenolol	Tablet (scored), 50mg Strip/blister	100	5
92	Enalapril Maleate	Tablet, 5mg Strip/blister	20	5
93	Acetylsalicylic Acid	Tablet coated, 75mg	100	5
94	Clotrimazole	1%, Cream, 10gms	20	5
95	Miconazole	Oral Gel, 20mg/g, 20grms	20	5
96	Furosemide	Tablet, 40mg Strip/blister	100	5
97	PolymyxinB sulphate+Bacitracin Zinc	Skin ointment, Polymyxin B Sulphate 10,000iu + Bacitracin Zinc 500 Units in Petrolatum Base, 20 gms	100	5
98	Clean delivery kit	Cardboard Box (at least 500gm) (with kit contents printed/pasted on lid), as per sample	20	6
99	Chloroquine Phosphate	Syrup 50mg/5ml, 66% W/V sugar Solution	50	7
100	Amoxicillin	Powder for oral suspension contain Amoxycillin Trihydrate, 125 mg/5ml, 90ml	200	8*
101	Erythromycin	200mg/5ml, granules for susp	288	9
102	Sulfamethoxazole + Trimethoprim*	Oral suspension Sulfamethoxazole 200mg+40mg/5ml, 50ml	70	10*
103	Benzoyl benzoate	Lotion B.P 25% W/V, 60ml	300	11
104	Chlorpheniramine	Syrup, 2 mg/5ml, 120ml, 66% W/V sugar Solution	240	12
105	Dextrose	Infusion 5% 500ml	20	13
106	Dextrose	Infusion 5% 1000ml	20	14
107	Ringer's Lactate	Injectable solution 500ml	20	15
108	Sodium chloride	Injectable soln. 0.9% isotonic 1000ml	20	16
109	Ibuprofen	Syrup, 100mg/5ml, 90ml, 66% W/V sugar Solution	50	17*
110	Paracetamol	Syrup, 120 mg/5ml, 60ml, 66% W/V sugar Solution	300	18
111	Dimenhydrinate	Syrup, 12.5mg/4ml, 60ml, 66% W/V sugar Solution	30	19
112	Metronidazole	Oral suspension, 200 mg (as Metronidazole benzoate)/5ml, 60ml	100	20
113	Salbutamol	Syrup, 2mg /5ml, 60ml, 66% W/V sugar Solution	40	21*
114	Insulin (Human)	Inj. 100iu (regular)	5	22**

115	Insulin (Human)	Inj. 100iu (70/30)	5	22**
116	Insulin (Human)	Inj. 100iu (NPH)	5	22**
117	Syringes	100 Units	10	22
118	Surgical Gauze (32 pieces)	40M Thaan, 1mx40m	5	23
119	Carbamazepine	Oral suspension 100mg/5ml	50	24
120	Amoxicillin	Drops 125mg/1.25ml, 10ml	240	25
121	Paracetamol	1000 mg oral tabs	1,503	23



No. 1439/18(D.E.O/KSB)
DISTRICT EMERGENCY SERVICE
(Rescue 1122)

Khushab Dated: 03rd April, 2018

EMERGENCY CONTINGENCY PLAN FOR FLOOD, 2018.

Punjab Emergency Service 1122, Khushab has planned to combat upcoming flood situation, 2018 in Khushab city and its premises accordingly to its flood response teams, flood equipments and geographical circumforaneous of this District. As the rescue services is always on its toes for 24 hours to meet the challenges and it will maintain its stander Inshaa-ALLAH in case of any untoward flood condition.

All the rescue personnel with their equipped emergency vehicles will on high alert to provide immediate response to all types of flood, Rescue and relief emergencies and activities.

To facilitate the maximum flood/Monsoon season's effected people we have divided the District into seven sectors & three hill torrent areas and every sector will supervise by District Government and by their detained focal persons for following sectors.

Sectors:

- | | |
|--------------------------|--------------------------------|
| 1. Dhak Flood Sector. | 2. Sandral Flood Sector. |
| 3. Khushab Flood Sector. | 4. Tiba Qaim Din Flood Sector. |
| 5. Girof Flood Sector. | 6. Jora Kalan Flood Sector. |
| 7. Majoka Flood Sector. | |

Hill Torrent Areas:

1. Hadali City.
2. Quaidabad City.
3. Naushehra City.

The Rescue 1122 Khushab is headed and supported by the following officers/officials.

EMERGENCY CONTINGENCY PLAN FOR FLOOD (2018)

DISTRICIT EMERGENCY OFFICER

Dr. Nayyar Alam Khan
0331-8627686

RESCUE & SAFETY OFFICER FOCAL PERSON

Mr. Muhamamd Iqbal-ul-Hassan
0345-8045189

COMMUNICATION & CONTROL ROOM.

1). Mr. Muhammad Shakeel
Control Room Incharge
0300-4522766

2). Mr. Usman Haider
Wireless Technician
0304-5817484

STATION CO-ORDINATOR (Head of Logistic & Operation)

Mr. Tassaduq Hussain
0301-7492032

VEHICLES PROVIDED

- AMBULANCES
- FIRE VEHICLES
- RESCUE VEHICLE

04 Fully Equipped.
03 No's.
01 No.

WIRELESS FREQUENCIES

Control Room

Channel – 4

LOGISTICS SUPPORT

1). Mr. Muhammad Imran
(Accountant)
0322-7528318

2). Mr. Qamar Shahzad
(Store Keeper)
0307-5628654

TECHNICAL SUPPORT

Mr. Muhammad Imran
Transport Maintenance Inspector
0345-3271122

In case of flood, flood Response Team will work shoulder to shoulder with Civil Defense, Punjab Police, Rescue 15, Patrolling Police, and District Administration in flood effected areas. Rescue 1122 Khushab has four fully equipped Ambulances

and one Rescue Vehicle. These vehicles have all the necessary equipments of Rescue and First Aid for immediate relief to the victims. During flood emergency, Rescue Vehicles and their trained staff will extricate the victims, provide first aid and hospitalize if necessary.

Rescue 1122 Control room strictly monitor the Rescue Operation in flood effected areas round the clock along with the District Control Room. In case of severe danger and damage, Rescue 1122, Khushab will take technical support/help from Rescue 1122 Head Quarters, Lahore.

A Community Safety Program with the aim to train the people and give awareness to minimize the emergencies has been started. This trained community volunteers will work as Community Emergency Response Team during the flood emergency or any disaster.

Rescue 1122, Khushab will provide Specialist Water Rescue Team on all 07 Sectors as an initial strategy. In addition to the specialist water rescue Team, Officers and other Operational Staff are also being trained to manage and support these teams at incidents places/ sectors.

- (1) Rescue 1122 has started boating and swimming sessions for its rescuers to enhance their skills and maintain their capability.

RESOURCES OF RESCUE 1122 KHUSHAB

Sr. #	Vehicles/Equipment	Qty	Purpose
1	Ambulance	04	To provide first aid & shift patients to nearest possible medical facility.
2	Rescue vehicle	01	To manage disaster & emergency related to building collapse, drowning cases and flood rescue operation.
3	General duty Van	01	To deal major incidents and provide logistic support during flood and disaster.
4	Fiber Boats 19" to 24"	18	To extricate, transport and shifting of flood effected persons and their basic life required.
5	Inflatable boats	03	
6	Out Board Motor Engines 48HP	03	To speed, operate and control the boats.
7	Out Board Motor Engines 40HP	08	
	Out Board Motor Engines 30HP	06	
8	Out Board Motor Engines 25HP	04	
9	Oars Set	23 Pair	To move the boats manually incase of engine failure.
10	Life Jackets	260	During the transportation of humans from flood areas to relief camps.
11	Life Rings	52	To catch and support the person who is going to drown.
	SCUBA	02	For diving in deep water to evacuate the victim

The staff of Rescue 1122, Khushab will remain in contact with District Control Room and Provincial Monitoring Cell round the clock to updated information about the flood Season/monsoon season operations.

Layout Map of Flood in District Khushab.

The main aims of a “Flood Emergency Plan” are to reduce the risk to life, mitigate damage and enable a safe and well organized evacuation of occupants of premises during a flood event and we will try our best to do the same.

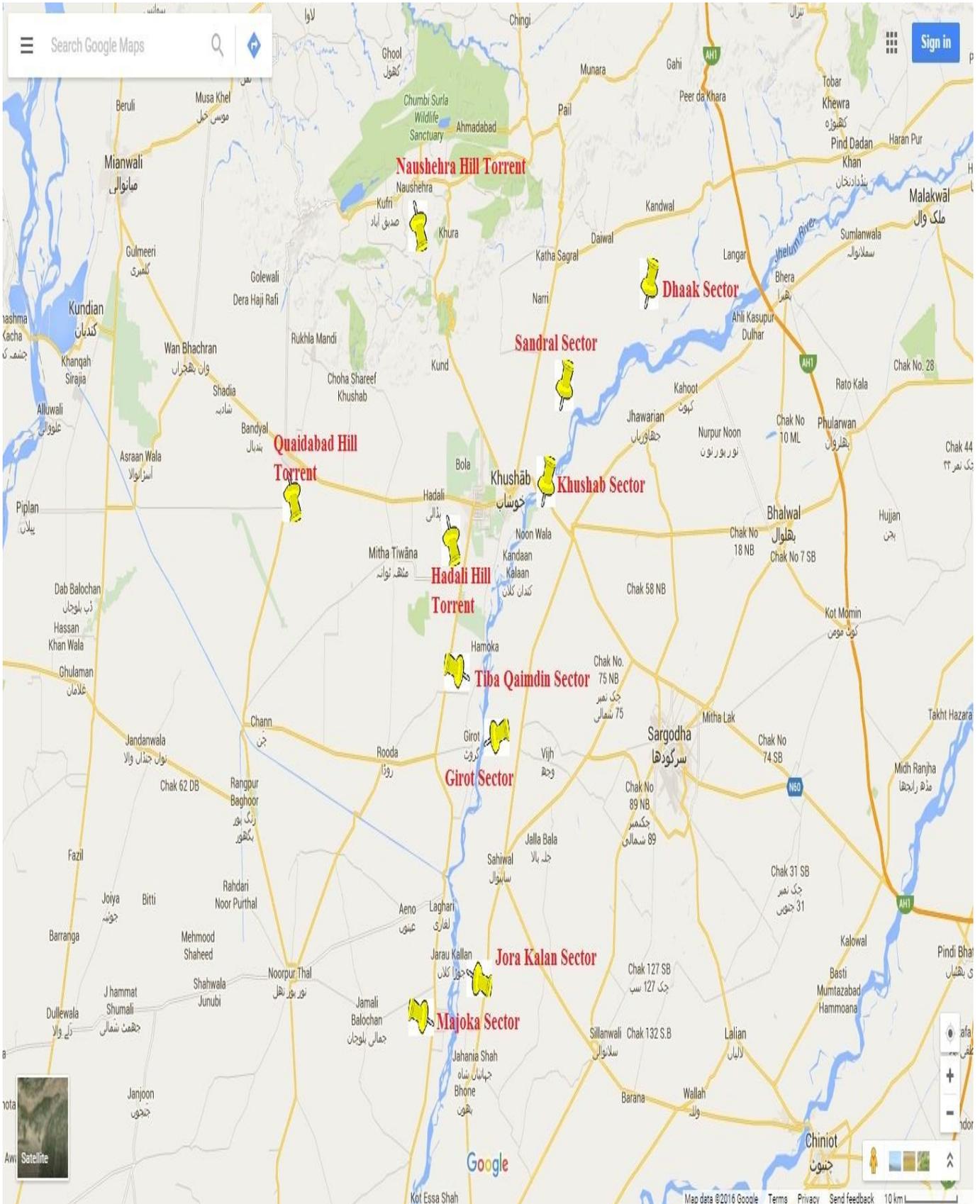
**DISTRICT EMERGENCY OFFICER
PUNJAB EMERGENCY SERVICE
RESCUE 1122 KHUSHAB**

NO. & DATE EVEN

- The Deputy Commissioner, Khushab.
- Office Copy.

**DISTRICT EMERGENCY OFFICER
PUNJAB EMERGENCY SERVICE
RESCUE 1122 KHUSHAB**

IRRIGATION DEPARTMENT



GOVERNMENT OF THE PUNJAB



FLOOD FIGHTING PLAN **FOR THE YEAR 2018.**

SARGODHA IRRIGATION ZONE SARGODHA.

THAL CANAL CIRCLE MIANWALI

KHUSHAB CANAL DIVISION KHUSHAB

I N D E X

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PART - A

CHAPTER-1

SALIENT FEATURES OF KHUSHAB IRRIGATION DIVISION KHUSHAB

1.1 Location.

Khushab Canal Division Khushab is at District Head Quarter Khushab.

1.2 General Description.

Khushab Canal Division Khushab has been functioning since 01-07-2012 under the administrative control of Executive Engineer.

This Division comprises of Three Sub Division as under:-

1. Drainage Sub Division at Khushab.
2. Quaidabad Sub Division at Quaidabad.
3. Jauharabad Sub Division at Khushab.

For assessment of water rates, Executive Engineer is assisted by one Deputy Collector Headquarter at Khushab. Jurisdiction of Khushab Irrigation Division starts from Tail RD:157+662 Main Line Upper (Head Pacca).

Channels.

I	Main Canal and Branches	40.37-Miles
II	Ditsy: and Minors	374.49-Miles.
III	No. of Outlets.	1029-Nos

Area.

G.A	489271-Acres
C.C.A.	436856-Acres
Intensity	79%

Major Crops.

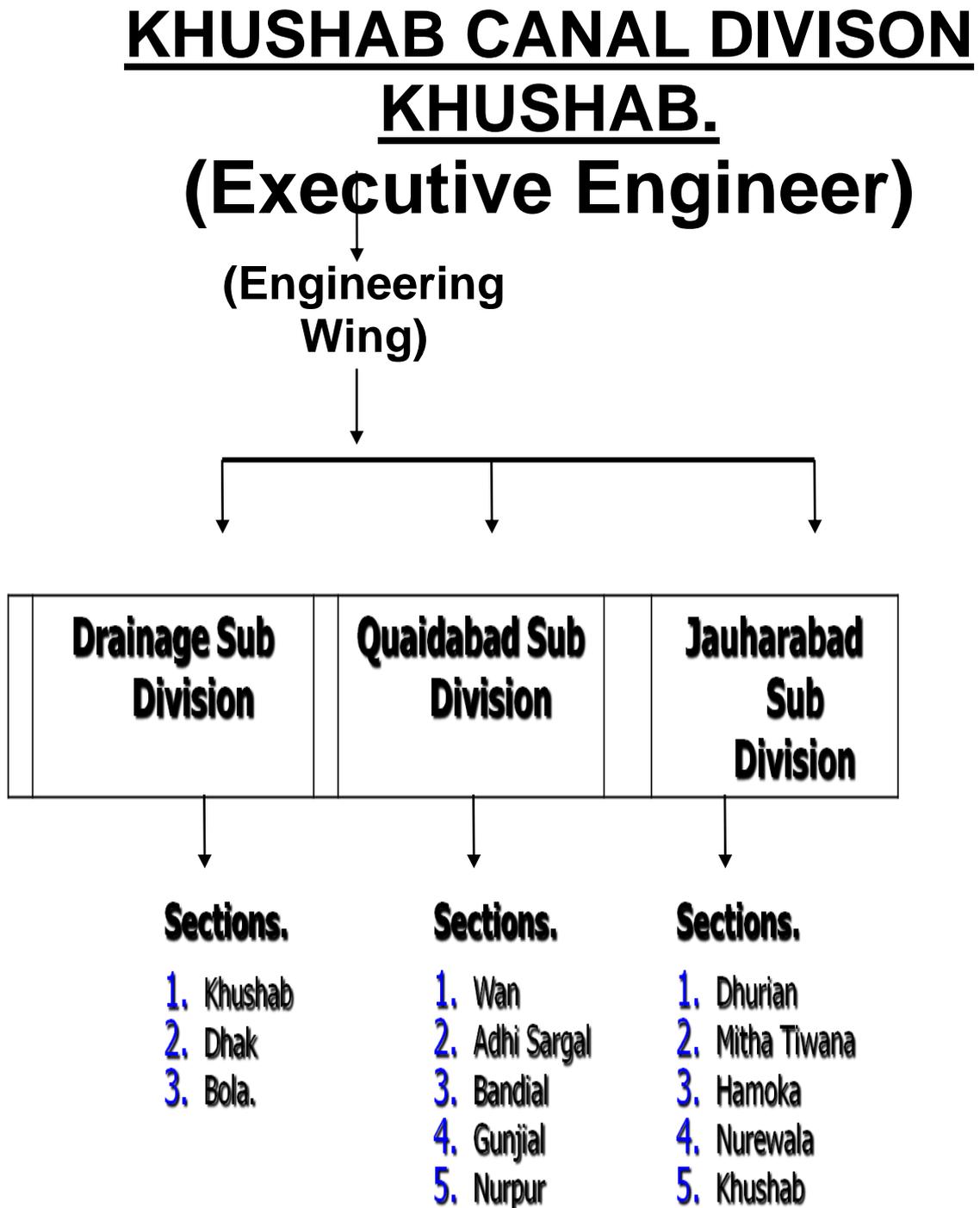
KHARIF CROPS.	
Cotton.	3.54%
Sugar Cane.	17.23%
Jawar& Chari.	10.20%
Bajra.	22.47%
Garden, Fodder & others	27.43%
Rice.	14.57%
Maize.	2.31%
Oil Seeds.	2.25%

RABI CROPS.	
Wheat.	58.59%
Barley.	15.26%
Gram.	0.17%
Mixed Grain	0.71%
Garden & others	21.18%
Oil Seeds.	3.38%
Mixed.	0.71%

Operation Of Channels.

During Kharif and Rabi, the Channels run in approved rotational programme. This rotation is caused by increased demand of 9500-Cs: at head of Thal Canal, against its existing capacity of 9000-Cs:

1.3 Administrative Setup.



CHAPTER-2

FLOOD PROTECTION AND RIVER TRAINING WORKS

2.1 Design parameter of Training Works

S r. #	Name of structure	Length		Year of Construction	Design Para Meters								Side Slope		Tehsil / District	
		RD	Miles		Top Width	Apron				Free Board above HFL	Pitching			River Side		Country Side
						Length	Width	R.L	Depth		Length	Thickne ss	Top R.L			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Protection of Village Joya&Hamoka.															
i.	Stud No.1	0+163	0.03	2004-05	8'	450'	75'	573.65'	5'	2'	210'	1.5'	589.2	2:1	2:1	Khushab
ii.	Stud No.2	0+163	0.03	2004-05	8'	450'	75'	573.60'	5'	2'	210'	1.5'	589.15	2:1	2:1	Khushab
iii.	Stud No.3	0+158	0.03	2004-05	8'	450'	43'	573.53'	8'	2'	210'	1.5'	589.08	2:1	2:1	Khushab
2	Protection of TibbaQaim Din.															
i.	J-Head Spur.	1+200	0.24	2004-05	30'	1906'	20' to 50'	571.30'	7' to 10'	6'	1850'	1.0'	590.1	2:1	2:1	Khushab
ii.	Sloping Spur.	0+238	0.05	2004-05	10'	268'	20'	571.35'	13'	6'	250'	1.0'	590.15	2:1	2:1	Khushab
3	Protection of C.J Link out fall structure & Village Shergarh.															

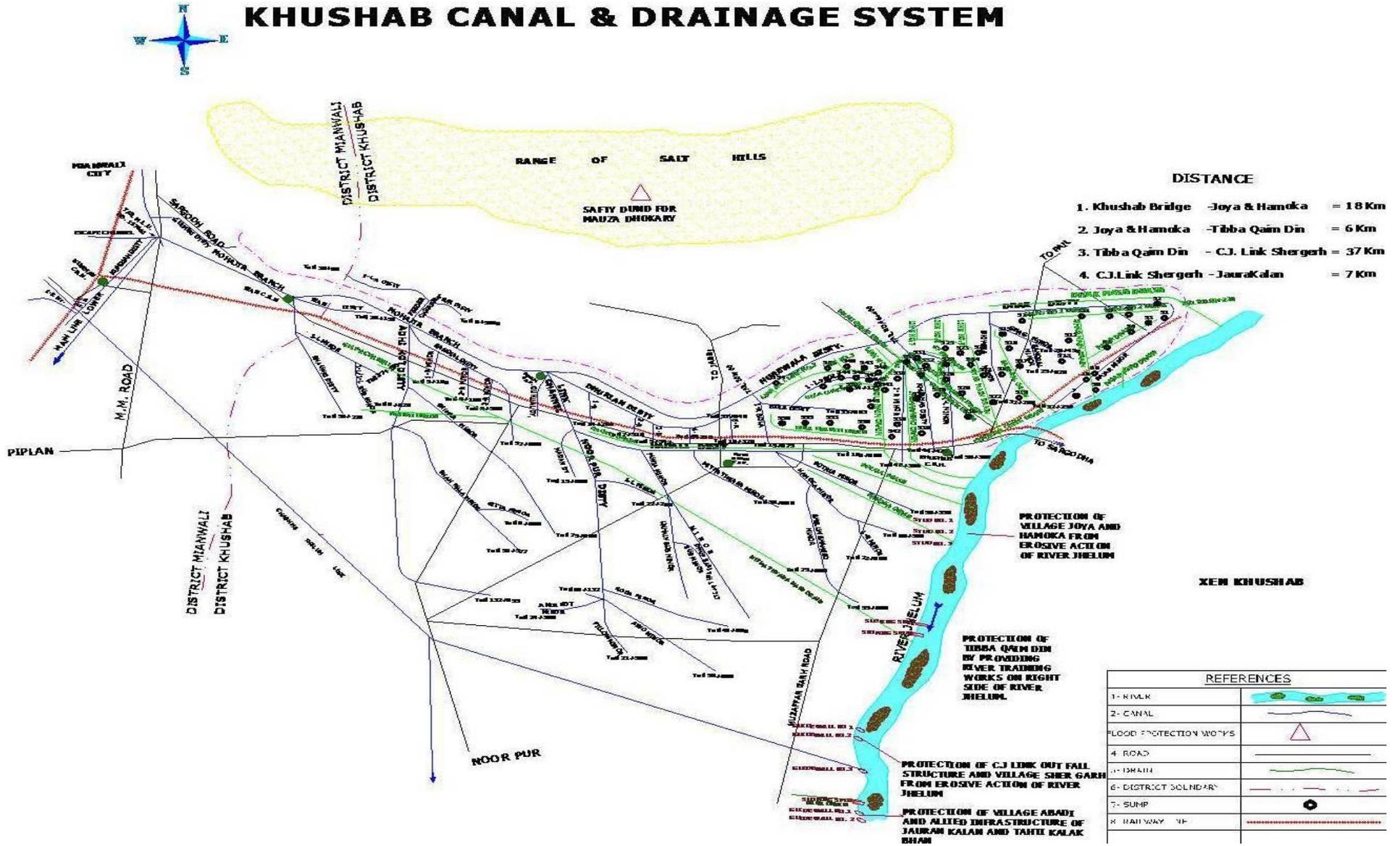
i.	Guide Wall Spur No.1	0+723	0.14	2002-03	30'	1500'	20'	551.86'	15'	6'	1500'	1.0'	574.16	2:1	2:1	Khushab
ii.	Guide Wall Spur No.2	0+723	0.14	2001-02	30'	1500'	20'	552.16'	15'	6'	1500'	1.0'	574.46	2:1	2:1	Khushab
iii.	Guide Wall Spur No.3	0+723	0.14	2001-02	30'	1500'	20'	552.50'	15'	6'	1500'	1.0'	574.7	2:1	2:1	Khushab
4	Protection of JauraKalan&ThattiKalakBhan.															
i.	Guide Wall Spur No.1	1+000	0.2	2006-07	25'	1300'	40'	550.68'	9.5'	6'	1200'	1.0'	569.78	2:1	2:1	Khushab
ii.	Guide Wall Spur No.II	1+000	0.2	2006-07	25'	1300'	20'	550.26'	18'	6'	1200'	1.0'	569.36	2:1	2:1	Khushab
iii.	Sloping Spur.	0+167	0.03	2006-07	10'	900'	20'	549.60'	18'	6'	750'	1.0'	568.7	2:1	2:1	Khushab
5	Protection of Army Installation & Village SherGarh															
i.	Sloping Stud No.1	0+080	0.02	2015-16	20'	-	-	-	-	3'	-	-	-	1:1	1:1	Khushab
ii.	Sloping Stud No.2	0+093	0.02	2015-16	20'	-	-	-	-	3'	-	-	-	1:1	1:1	Khushab
6	Protection of Village Hassan PurTiwana															
i.	Sloping Stud No.1	0+035	0.007	2015-16	15'	0.070	-	-	-	5'	70'	-	578.35	1:1	1:1	Khushab
ii.	Sloping Stud No.2	0+035	0.007	2015-16	15'	0.070	-	-	-	5'	70'	-	578.35	1:1	1:1	Khushab
iii.	Sloping Stud No.3	0+035	0.007	2015-16	15'	0.070	-	-	-	5'	70'	-	578.35	1:1	1:1	Khushab

iv	Sloping Stud No.4	0+035	0.007	2015-16	15'	0.070	-	-	-	5'	70'	-	578.35	1:1	1:1	Khushab
v.	Sloping Stud No.5	0+035	0.007	2015-16	15'	0.070	-	-	-	5'	70'	-	578.35	1:1	1:1	Khushab
7	Protection of Tetri Village															
i.	Apron with E/Pad	2+000	0.40	2015-16	10'	2000	10	570.50	25	2'	-	-	-	1.1	1:1	Khushab
8	Safety Bund MouzaDhokary															
i.	Safety Bund	3+200	0.64	1993-94	10'	N.A	-	-	-	3' to 6'	-	-	-	2:1	2:1	Khushab

XEN KHUSHAB

2.2 Location map

KHUSHAB CANAL & DRAINAGE SYSTEM



CHAPTER-3

BRIEF HISTORY OF PAST FLOOD EVENTS.

The Major Flood from 1959 to 2016 was in 1992. The discharge at downstream Rasul Barrage on 10/09/1992 in river Jhelum was 952170 Cs. And no damage of flood protection works of Khushab Canal Division occurred as well as from 1993 to 2009. In the flood 2010, Guide wall No. II JauraKalan was damaged. The discharge of River Jhelum on 13/07/2010 D/S Rasul Barrage was 233292 Cs which shacked the guide wall No. I & No. II JauraKalan Thati Kalak Bhan badly. Estimate for the repair of damage work have been sanctioned and work is in progress.

XEN KHUSHAB

CHAPTER-4

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

Since no Head work / Barrage falls in the Jurisdiction of Khushab Canal Division, therefore this Division has to become active with discharge gauge at River Jhelum Downstream Rasul Barrage.

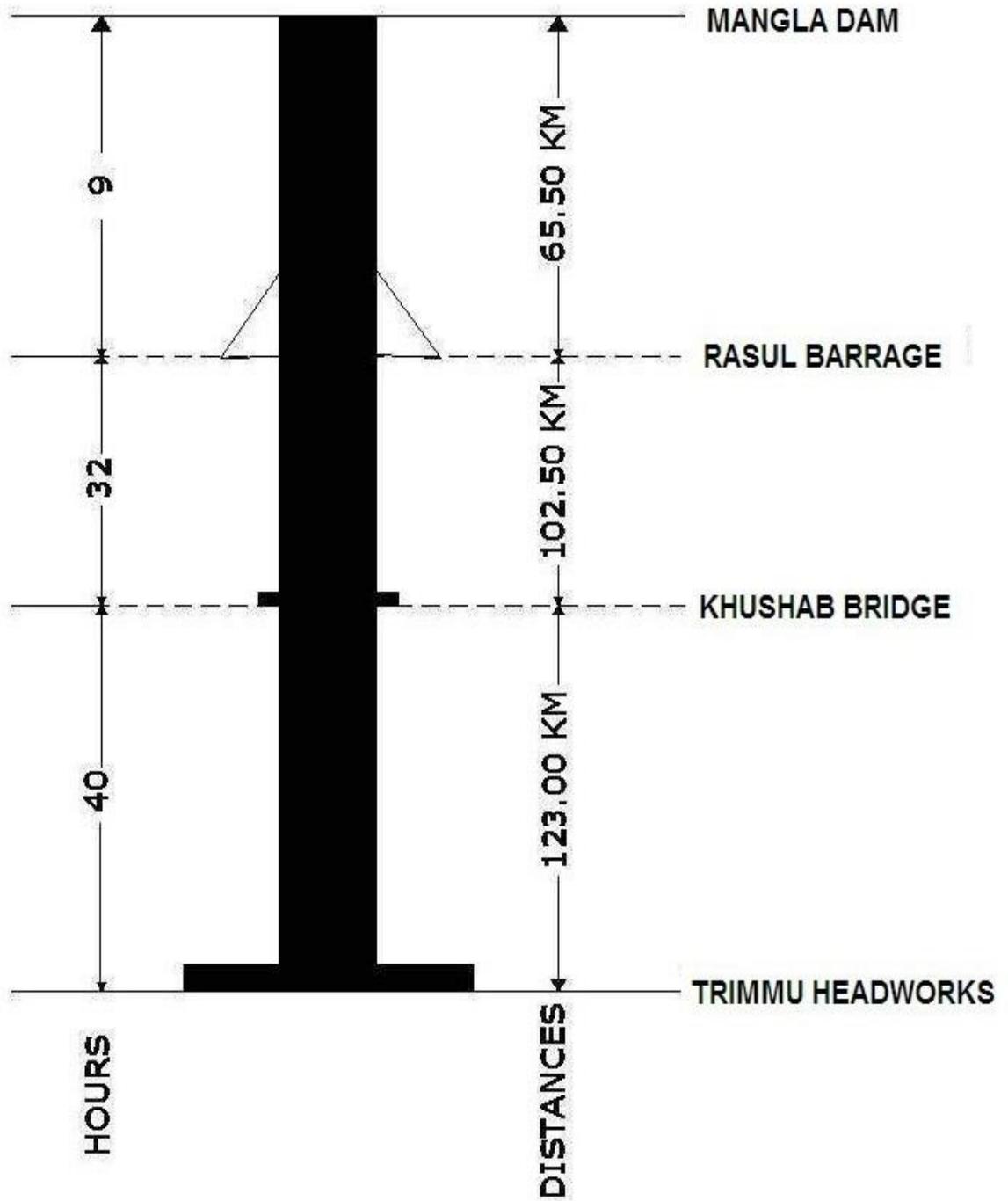
4.1 Flood Limits.

Flood limits for River Jhelum Down Stream Rasul Barrage are as under:-

Normal	=	00000	to	75000	Cs
Low Flood	=	75000	to	110000	Cs
Medium Flood	=	110000	to	150000	Cs
High Flood	=	150000	to	225000	Cs
Very high Flood	=	225000	to	and above	Cs

TIME LAGS OF FLOOD

TIME LAG OF RIVER JHELUM



XEN KHUSHAB

Highest Floods:-

Sr.#	Date	Discharge		Remarks
1	10.07.1972	105150-Cfs	D/S Rasul Barrage	No Damage
2	04.08.1976	269330-Cfs	D/S Rasul Barrage	No Damage
3	10.09.1992	952170-Cfs	D/S Rasul Barrage	No Damage
4	27.08.1997	549598-Cfs	D/S Rasul Barrage	No Damage
5	13.07.2010	233292-Cfs	D/S Rasul Barrage	Guide Wall No. II JauraKalanThatiKalakBhan, TibaQaim Din, SherGharh
6	06.09.2014	516387-Cfs	D/S Rasul Barrage	No Damage

4.2 Peak Discharge.

Date	Discharge (Cfs)	Pond Level (Ft)
02.07.1959	870000	719.00
11.07.1960	860000	721.80
10.07.1972	105150	716.00
09.08.1973	269330	716.80
23.08.1975	123034	715.00
04.08.1976	269330	715.00
12.08.1978	93382	719.00
19.08.1980	73583	719.00
26.07.1981	104424	716.00
06.08.1983	97251	719.00
15.08.1984	95905	719.00
08.08.1986	113528	717.00
12.06.1987	127950	717.00
22.07.1988	154389	718.00
01.08.1989	153174	718.00
18.08.1990	75259	719.00
11.06.1991	97704	719.00
10.09.1992	952170	721.00
14.07.1993	100998	718.00
28.07.1994	129312	717.00
23.08.1995	285071	715.00
27.06.1996	136712	716.00
27.08.1997	549598	716.00

18.05.1998	73597	719.00
17.07.2005	92246	719.00
13.07.2006	165947	720.00
15.08.2007	23608	719.00
03.05.2008	27515	719.00
06.08.2009	56794	718.00
13.07.2010	233292	718.00
17.09.2011	96864	718.00
04.07.2012	27515	718.00
24-07-2013	35325	719.00
06-09-2014	516387	720.40
29-07-2015	99103	718.20
24.06.2016	43135	719.00
30-08-2017	31420	719.00

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CHAPTER-5

FLOOD FIGHTING STRATEGY

The Sub Divisional Officer Jauharabad Sub Division will work as flood emergency officer. The flood emergency center will run under his supervision with the following officials/ staff.

1. Signaler Khushab Division.
2. Electrician Jauharabad Sub Division.
3. Peon = 2-Nos.

During flood days, leave will be granted to above official with the permission of Executive Engineer Khushab Canal Division Khushab only and in such case an alternate arrangements shall be made.

A flood emergency center will be opened in the Telegram office Khushab Canal Division Khushab under the supervision of Sub Divisional Officer Jauharabad Sub Division having Telephone No. 0454-711847 which will remain open 24 Hours from 15.06.2018 to 15.10.2018 on all working days as well as Sunday and all public holidays. This emergency center will have a liaison with flood control room established in the office of District Coordination Officer Khushab to take appropriate remedial measure. A gauge and discharge register shall be maintained in the flood emergency center.

On receipt of signal of very high flood at Rasul Barrage, the Assistant Engineer Agriculture Khushab will be requested to keep 2-Nos. Bulldozers stand by so that the same may be used during emergency.

The Sub Divisional Officer, Telephone will keep Telephone in working order so that the flood messages are expeditiously conveyed to all concerned. The Punjab Police department (wireless control wing) District Khushab will provide Two station wireless set for installing on the bund and at Khushab Railway Bridge Gauge so as to communicate the gauges and other emergency messages to Irrigation, Civil, and any other Officers.

District Coordination Officer/ Superintendent of Police will convey instruction relating to protection of Khushab District through Police Wireless set.

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CHAPTER-6

FLOOD DAMAGES RESTORATION WORKS.

The Major Flood from 1959 to 2016 was in 1992. The discharge at downstream Rasul Barrage on 10/09/1992 in river Jhelum was 952170 Cs. And no damage of flood protection works of Khushab Canal Division occurred as well as from 1993 to 2009. In the flood 2010, Guide wall No. II JauraKalan was damaged. The discharge of River Jhelum on 13/07/2010 D/S Rasul Barrage was 233292 Cs which shacked the guide wall No. I & No. II JauraKalan Thati Kalak Bhanbadly. Estimate for the repair of damage work have been sanctioned and work is in progress.

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CHAPTER-7

FLOOD FIGHTING WATCHING ARRANGEMENT.

7.1 Pre- Flood Arrangement

The flood activities in the jurisdiction of Khushab Canal Division Khushab have been divided into two Sub Sectors i.e. Sub Sector No. 01, and Sub Sector No. 02. The incharge of Sub Sectors are Sub Divisional Canal Officers Quaidabad and Jauharabad Sub Division as per following detail:-

Sub Divisional Officer, Quaidabad Canal Sub Division

Incharge Sub Sector No. 01.

Sub Divisional Officer, Jauharabad Canal Sub Division

Incharge Sub Sector No. 02.

Incharge Sub Sector No. 01 will monitor the flood fighting / watching activities in the part area of Tehsil & District Khushab relating torrential & flood water & river flood.

Sr.#	Flood Bund	Reach.	Length.
1.	Safety bund for Mouza Dhokary.	RD: 0-3200	0.64 mile
Total:-			0.64 mile

i. **Low Flood**

(1)	Sub Engineer Dhurian Section	i.	Dhokary Flood Bund
-----	------------------------------	----	--------------------

ii. **Medium Flood**

At medium flood stage, the water spills out from river Jhelum & Canal and inundates the low lying areas. It also hits the Abadies at some places. The watching of canal system is necessary to be arranged. Therefore, one man for day and one for night per mile is employed, including the existing gang, for watching.

iii. **High Flood.**

The watching establishment will be raised to one man per mile for three shifts a day, including existing gang. The Sub Divisional Officer Quaidabad will be over all incharge of torrential flood.

iv. **High And Exceptionally High Flood.**

At this stage, the Sub Divisional Officer Quaidabad will be overall incharge of all the watching/fighting activities of torrential flood water. He will manage the activities, keeping in view the demand of site and consultation with Deputy District Officer (Revenue) Khushab and Assistance Commissioner Tehsil Quaidabad.

Incharge Sub Sector No. 02 will monitor the flood fighting / watching activities in the area of Tehsil & District Khushab on the Right side of the River Jhelum. The Flood Bund Spurs in Jauharabad Sub Division are as following.

Sr.#	Description	Structure
1.	Protection of village Joya&Hamoka.	3-No. Studs
2.	Protection of TibbaQaim Din	1-No. J-Head Spur
3.	Protection of C.J Link Outfall	3-No. J-Head Spurs
4.	Protection of JauraKalan&ThattiKalakBhan.	1-No. Sloping Spur 2-No. Guide Walls
5	Protection of Tetri Village	1-No. J-Head Spur
6	Protection of Army Installation & Village SherGarh	2-No. Sloping Spur
7	Protection of Village Hassan PurTiwana	5-No. Sloping Spur
8	Safety Bund for MouzaDhokary	Safety Bund

For watching River Training Works one No. beldar will be employed on each structure in three shifts i.e. 1st June to 30th September. There is no regular establishment on river training works and Spurs. The establishment will take care of all preparations like filling depressions, rain cuts/gharas, clearance of slopes up to 10 feet beyond toe of Structures, Opening/pudding holes etc.

i. Low Flood Discharge 75000-Cs.- 110000 Cs.

No extra labour will be employed. The labour arranged for preparedness will continue as such. The Sub Engineers Incharge will shift their camps at Flood Fighting campus TibbaQaim Din, ShairGharh C.J Link Outfall, ThatiKalakBhan(JauraKalan) and safety bund at MouzaDhokary.

ii. Medium Flood Discharge 110000-Cs- 150000Cs.

The flood water flows within River banks. No extra labour will be employed on Structures / Flood Bund. However, the labour on Spurs will be doubled i.e. two men per Spur for day and four for night. Sub Divisional Officer Jauharabad will also shift his camp to site where, the situation so warrants and will minutely watch the River action. In case of any emergency Sub Divisional Officer will contact the Executive Engineer Khushab and will suggest / take Fighting measures with prior concurrence of Superintending Engineer Thal Canal Circle Mianwali. He will keep a close liaison with Flood Centre of District Coordination Officer Khushab and Flood Emergency Officer of Sargodha Irrigation Zone Sargodha.

iii. High Flood Discharge 150000-Cs -225000 Cs.

Day and night watching on structures will be maintained in three shifts.

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iv. High and Exceptionally High Flood 225000- Cs. & above.

This stage warrants alarming situation. The watching labour will be raised to 6 men per Structures per shift.

7.2 Watching Establishment for 4 Months (w.e.f 15.06.2018 to 15.10.2018)

Sr. #	Description	Unit.	Qty:
1.	Beldars for watching of Channels & River structures.	No.	50
2.	Mate for watching of Channels& River structures.	No.	5
3.	Mistries for watching of Channels & River structures.	No.	5

7.3 Arrangement at Sensitive Sites.

The Sub Engineer will establish their camps at sensitive site on 24-hours along with establishment and will look after the sites 24-hours and in any emergency case he will contact with higher officer / civil administration.

Detail of Reserve Stock of stone is as under.

Sr #	Name of site / location	Location RD: where stone is lying	Sanctioned Reserve Stock Limit	Total Qty available of Stone	Balance plan to procure during current financial year against the Released Amount	Remarks
1	Protection of Village Joya&Hamoka.					
i.	Stud No.1	--	--	--	Not required	
ii.	Stud No.2	--	--	--	Not required	
iii.	Stud No.3	--	--	--	Not required	
Total		--	--	--		
2	Protection of TibbaQaim Din.					
i.	J-Head Spur		1.25		1.25	
ii.	Sloping Spur		--			
Total			1.25		1.25	
3	Protection of C.J Link out fall structure & Village SherGarh.					
i.	Guide Wall Spur No.1	Start / end of the structure	1.00	1.00	Not required	
ii.	Guide Wall Spur No.2	Start / end of the structure	0.41	0.41	Not required	
iii.	Guide Wall Spur No.3	Start / end of the structure	0.41	0.41	Not required	
Total			1.82	1.82		
4	Protection of JauraKalan&ThattiKalakBhan.					
i.	Guide Wall Spur No.1	--	1.50	--	1.50	
ii.	Guide Wall Spur No.II	--	1.50	--	1.50	
iii.	Sloping Spur.	--	--	--	--	
Total		--	3.00	--	3.00	
5	Protection of Army Installation & Village SherGarh					

	Sloping Stud 2 No.		0.24	--	0.24
		--	0.24	--	0.24
6	Protection of Village Hassan PurTiwana				
	Sloping Stud 5 No.		0.22	--	0.22
	Total	--	0.22	--	0.22
7	Protection of Tetri Village				
	Apron with E/Pad		0.95	--	0.95
	Total	--	0.95	--	0.95
8	Safety Bund MouzaDhokary				Not required
	G. Total		7.48	1.82	5.66

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Watching Material.

Sr. #	Description	unit	Total Required	Available	Balance Required
1	Chair Plastic Set at camps	Set	06	03	03
2	Generator 3500-Watts	No.	02	01	01
3	Gas Cylinder	No.	02	01	01
4	Gas Stove	No.	02	01	01
5	Water Set	No.	06	04	02
6	Tea Set	No.	06	04	02
7	Dinner Set Plastic	No.	06	04	02
8	Life Jackets	No.	18	12	06
9	Iron Charpai	No.	12	08	04
10	Boat&Engine	No.	02	--	02
11	Kassies	No.	60	36	24
12	Torches rechargeable	No.	20	10	10
13	Tent	No.	06	04	02
14	Banner for flood camps	No.	24	--	24
15	Petrol for Generator	Ltr	400	--	400
16	Nylon Rope	Kg	60	40	20
17	Wooden pegs	No.	100	100	--
18	Gunny Bags	No.	600	300	300
19	Plastic Nylon Bags	No.	1500	300	1200

20	Sutli	Kg	17	5	12
21	Trolley for Boat	No.	02	--	02
22	Synthetic bags 500Kg and 1000 Kg Capacity	No.	2000	--	2000
23	Polythene sheets black color	Kg	60	40	20
24	Flood Lights along with accessories	No.	10	08	02
25	Repairing Engine of Generator 3500-Watts	No.	01	--	01

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Arrangement for Sounding & Probing.

One number boat is available for sounding and probing purpose for one camp. On other camps Boats will be hired from private sources if needed.

7.4 Lighting Arrangement.

For lighting purpose One No. Generator 3500-Watts is available at watching camp, especially on sensitive site of Guide Wall No. II JauraKalanThattiKalakBhan.

7.5 Ration Arrangement.

Ration will be procured from Market on Emergency basis by the District Co-Ordination officer Khushab and the Executive Engineer Khushab Canal Division Khushab.

7.6 P.O.L Arrangement for Vehicle.

There is one No. Jeep in Jauharabad Sub Division at Khushab. P.O.L will be arranged as per sanctioned estimate of Vehicle.

7.7 Transportation.

Due to any emergency, vehicles will be hired locally because only one No. Jeep is available in Jauharabad Sub Division at Khushab.

7.8 Law and Order.

Law and order situation will be handled by the District Coordination Officer & District Police Officer Khushab. A close liaison will be maintained with the Punjab Police Department.

7.9 Medical Arrangement For Labour.

The Executive District Officer Health will arrange Medical Relief Center/ Camp at different sites.

7.10 Liaison with Other Department.

The Irrigation Department will contact with all the concerned Departments of Khushab District.

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7.11 Role Of The Army.

In case of any emergency, Flood Military Controlling Officer will be informed through District coordination Officer Khushab for the Rescue purpose.

7.12 Duties of Telephone Attendant.

The Telephone Attendant and Signaler will collect River Gauges, from Rasul Barrage, Mangla Head Works & Khushab Bridge and will convey to all concerned.

7.13 Wireless Arrangements.

Punjab Police Department (wireless control wing) will provide Two No. Station Wireless set to communicate the gauges and other emergency messages to Irrigation, Civil and any other Officers.

District Coordination Officer/ Superintending of Police shall convey instruction relating to protection of Khushab District through Police Wireless set.

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CHAPTER-8

DETAIL OF ENCROACHMENT.

There is no Encroachment on all the River Training Works in the Jurisdiction of Khushab Canal Division Khushab.

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CHAPTER-9

DUTY ROSTER/ FLOOD FIGHTING PROGRAM

The Sub Divisional Officer, Jauharabad and Quaid Abad Sub Division after anticipated Hill Torrents discharge coming due to rain fall will contact on Telephone Sub Divisional OfficerKundian, to reduce or close Mohajir Branch. In case of defect in the Telephone,the Sub Divisional Officer will rush to tail Main Line Upper for getting reduction through escape Channel. The Sub Divisional Officer, Quaidabad and Jauharabad will take immediate steps to close the Channels under the Hit of Hill Torrents and open the Escapes existing in Mohajir Branch System. These Officers and staff will shift their head quarters as under:-

Sr.#	Name of officer/ Office	Duty Place During Flood
1	Sub Divisional Officer, Quaidabad/ Jauharabad	At Gunjial
2	Sub Engineer, Gunjial	At Gunjial.
3	Sub Engineer Bandial	At Gunjial.
4	Sub Engineer Wan	Head 87000 Mohajir Branch
5	Sub Engineer Dhurian	RD: 201700 Tail Mohajir Branch
6	Sub Engineer Nurewala	RD: 46+400 Tail NurewalaDisty
7	Sub Engineer MithaTiwana.	Head Punja Minor
8	Sub Engineer Khushab	RD: 34+230Dhak Disty
9	Sub Engineer Hamoka	RD: 56000 HadaliDisty

10	Sub Engineer AdhiSargal	Quaidabad
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The Duties of the Officers and staff will be that the Torrential flood water may pass with minimum possible damage to the Irrigation Network. Regular Establishment will be deployed at vulnerable sites and in case of necessity; employment of extra gang on muster Roll will be done with permission of the Executive Engineer, at the vulnerable sites.

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CHAPTER-10

EMERGENCY TELEPHONE NOS.

Sr. No.	Name of Post/Designation	Head quarter.	Telephone.	
			Office.	Res / Mobile
1	Secretary Irrigation.	Lahore.	042-99212771 042-99212772	042-99204595
2	Chief Engineer D & F.	Lahore.	042-35291304 042-99233551	--
3	Director Flood.	Lahore.	042-99233552	--
4	Deputy Director Flood.	Lahore.	042-99233553	--
5	FloodWarningCenter.	Lahore.	042-99205371 042-99205372 042-99205373	--
6	Chief Engineer, Irrigation.	Sargodha	048-9230445	0300-6624330
7	Executive Engineer, (Operation)	Sargodha	048-9230446	0333-6804632
8	Superintending Engineer Thal Canal Circle.	Mianwali	0459-920181	0459-920183
9	Executive Engineer, Khushab Division.	Khushab	0454-711747	0334-9565827
10	Sub Divisional Officer Drainage	Khushab	0454-711847	0303-0063359
11	Canal Telegraph Office.	Khushab	0454-711847	--
12	District Chairman.	Khushab	0454-920002-4	0454-720100

Sr. No.	Name of Post/Designation	Head quarter.	Telephone.	
			Office.	Res / Mobile
13	D.C.O.	Khushab	0454-920202	0454-720470
14	Sub Divisional Officer	Quaidabad	0454-770367	0302-6796071
15	Sub Divisional Officer	Jauharabad	0454-710334	0300-9606138
16	D.P.O	Khushab	0454-920020	--

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CHAPTER-11

STANDARD OPERATING PROCEDURE (SOP) FOR BREACHING SECTIONS

11.1 History Of The Breaching Section

No breaching Section in Khushab Canal Division Khushab

11.2 Location, Design, Quantity And Variety Of The Explosive Required For Detonation

Not Applicable.

11.3 Arrangement Of Explosives And Security Explosive Stores

Not Applicable.

11.4 List Of The Security Staff Along With Detail Of Their Trainingetc

Not Applicable.

11.5 Detail Of Mechanical Means As A Standby Arrangements In Case Of Detonation Failure

Not Applicable.

11.6 Duty Roster Case Of Critical Situation

In order to ensure timely completion of activities, certain SOPs have been developed and all agencies have been directed to strictly adhere to their functions delineated in the SOP, which explicitly indicates roles and responsibilities of each functionary of the officers and officials of the Irrigation department.

1. Executive Engineer Canal Division Khushab.

Executive Engineer will be the overall incharge of flood activities in the jurisdiction of Khushab Canal Division Khushab. The flood protection works falling in the areas of the District Khushab, are in the administrative control of Executive Engineer, Khushab Canal Division Khushab. He is responsible for maintenance and supervision of flood protection / watching arrangement during flood season. He will also keep liaison with the Civil and Army Authorities and will keep the Superintending Engineer Thal Canal Circle Mianwali, fully apprised of the flood situation in Khushab Canal Division Khushab.

2. Sub Divisional Officer Jauharabad Canal Sub Division.

Sub Divisional Officer Jauharabad Canal Sub Division will be the incharge of flood activities in the jurisdiction of Jauharabad Sub Division.

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The flood protection works falling in the areas of Tehsil Khushab on Right Side River Jhelum Town are under the administrative control of SDO Jauharabad. He will also be responsible for maintenance, supervision and watching arrangements of flood protection Structures of District Khushab /.He will also keep close liaison with the Executive Engineer Khushab Canal Division Khushab.

1. Sub Engineer Dhurian Canal Section.

Sub Engineer Dhurian Canal Section will shift his camp at Dhokary Flood Bund and watch all Torrential flood activities and will remain present round the clock with a gang of labour of his section.

2. Sub Engineer Hamoka Canal Section.

Sub Engineer Hamoka Canal Section will shift his camp at TibbaQaim Din; He will watch river training works for Protection of TibbaQaim Din and village Joya&Hamoka. He will watch all flood activities and will remain present round the clock with a gang of labour of his section.

3. Sub Engineer Nurewala Canal Section.

Sub Engineer Nurewala Canal Section will shift his camp at SherGarh. He will watch river training works for Protection of Village SherGarh, C.J Link outfall and village Tetree. He will watch all flood activities and will remain present round the clock with a gang of labour of his section.

4. Sub Engineer Khushab Canal Section.

Sub Engineer Khushab Canal Section will shift his camp at ThatiKalakBhanJauraKalan. He will watch all flood activities and will remain present round the clock with a gang of labour of his section.

11.7 Breaching Committee With Their Action Plan

There are five Guide wall spurs, three sloping / J head spur and three studs. On these structures no breaching section is required. However one safety bund has been constructed along Dhokary village which is at the bottom of salt range hills. This bund protects the village from hills torrent and there is no need of breaching section.

11.8 List Of The Villages Likely To Be Inundated In Case Of Breach

Village & Abadi Mouza Dhokary

11.9 Announcement And Detail Of Evacuation Arrangements

If there happens any mishap where the River is in trend to erode the agriculture lands located on the Right bank of River Jhelum, the in charge sub sector No.2 that is Sub Divisional Officer Jauharabad will monitor the all situation. He will arrange.

- i. Proclamation on loudspeakers etc for evacuation of abadies inside the flood plain With the Help of Police Department.
- ii. Prepare maps for the areas inundated and carry out immediate survey for damages to flood starting & erosive action.
- iii. Keep a close liaison with Civil Administration, Public representatives and the Executive Engineer Khushab Canal Division Khushab.

11.10 Details Of Coordination With Civil/ Army Authorities

Executive Engineer, Khushab Canal Division Khushab in case of high flood in the River Jhelum will camp at Divisional Office Khushab and will be overall in-charge of all watching and fighting activities. He will maintain interaction with public, public representatives, administration & related departments, police and Pak Army etc. He will launch Flood fighting activities on river training works after Consultation/ Concurrence of Superintending Engineer, Thal Canal Circle Mianwali.

11.11 Parallel Communication Arrangements

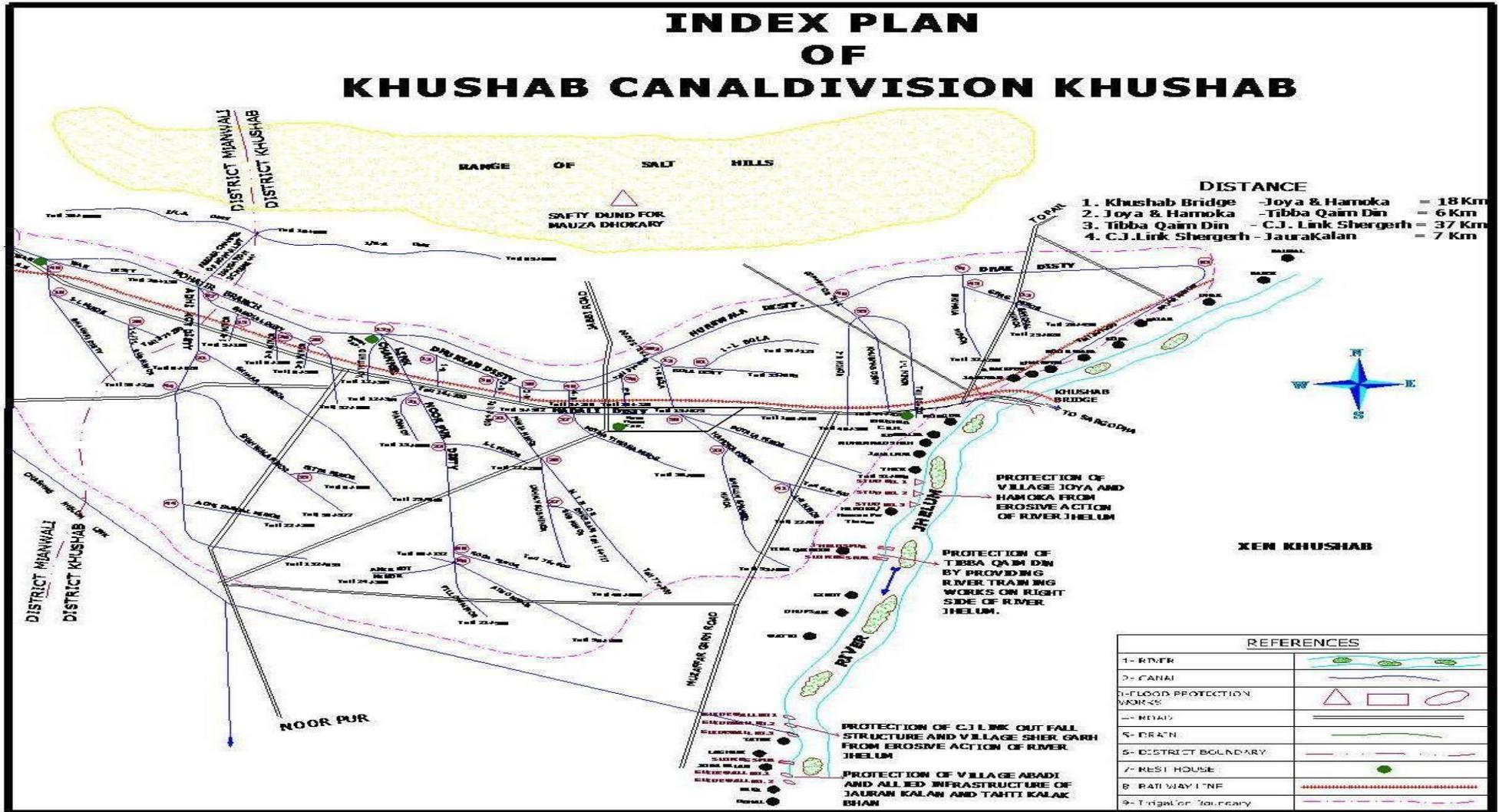
The communication System of Irrigation Department is linked with the District Administrative Departments and the District Police Officers.

Executive Engineer,
Khushab Canal Division,
Khushab

Superintending Engineer,
Thal Canal Circle,
Mianwali

Chief Engineer,
Sargodha Irrigation Zone
Sargodha

Index Plan



CHAPTER-12

VULNERABLE SITES ON FLOOD BUND/ STRUCTURES.

12.1 Apprehended Breach Sites In Flood Bunds/ Structures

No need of breaching section at safety bund Mouza Dhokary. RD: 1+800 of this bund is vulnerable site.

12.2 Operation of Breaching Sections.

Nil

12.3 Breaches Due To Rising Of Flood Water, Deterioration Of Flood Bunds Etc.

Nil

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CHAPTER-13

EMERGENCY CONTINGENCY PLAN FOR VULNERABLE SITES LISTED ABOVE. EMERGENCY CONTINGENCY PLAN MUST INCLUDE:-

13.1 Plan Showing Route Of Flood Water Coming Out Of The Breach Supported With Levels.

Plan showing route of flood water as attached Page No.36

13.2 Detail Of Villages Abadies Likely To Be Affected And This Should Also Be Shown On The Plan.

1. Village & Abadi Mouza Dhokary (Village Dhokary is situated in the foot of salt range hill)

Safety bund Mouza Dhokary has been constructed in the foot of salt range to save the village's abadi from the threat of hill torrential water. In case of failure of the structure, the Flood Fighting will be exercised by stone dumping to hold the situation and to keep the structure intact.

13.3 Strategy And Action Taken Be Explained In Detail. This May Include.

- Such situation may not arise as all abadies exists in the high edge of river.
- 13.3.1 Arrangement.**

One No flood emergency center is established in telegraph office Khushab Canal Division. 4 No Flood fighting camps are established at River training works.

13.3.2 Establishment Of Flood Fighting Camps.

1. Camp No. 1

At RD: 1+200 J-Head Spur Tibba Qaim Din District Khushab.

1. Malik Javaid Sub Engineer Hamoka Section.
2. Jahan Khan Mistry
3. Abdul Ghafoor Beldar.
4. Maqsood Ahmad Beldar.

2. Camp No. 2

At RD: 1+800 Safety Bund for Mouza Dhokary District Khushab as per following establishment.

1. Rana Nusrullah Sub Engineer Dhurian Section.
2. Muhammad Saeed Mate.
3. Muhammad Zakir Beldar.
4. Muhammad Fazal Beldar.

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3. Camp No. 3

At RD: 0+000 Guide Spur No. II Sher Garh District Khushab.

1. Rameez Hassan Sub Engineer Nurewala Section.
2. Muhammad Rasheed Mate.
3. Tasawar Beldar.
4. Din Muhammad Beldar.

4. Camp No. 4

At RD: 0+000 Guide Wall No. II Thatti Kalak Bhan & Jaura Kalan District Khushab.

1. Rameez Hassan Sub Engineer Khushab Section.
2. Muhammad Yaqoob Mistry.
3. Javaid Iqbal Beldar.
4. Muhammad Nawaz Mate.

13.3.3 Duties Of Officers/ Officials And Their Camp Sites.

Establishment of above mentioned Camps will watch the structures on 24Hours basis regularly in the flood season & inform the position of flood to their higher officers. They will also keep closed liaison and coordination with the civil & Administrative Authorities. In Case of any emergency, all Sub Divisional establishments will be shifted at site for dumping of stone and other protection activities.

13.3.4 Departmental Machinery Available.

Machinery is available in Drainage Sub Division Khushab

13.3.5 Machinery Available From Private Source.

In Case of any emergency, the machinery will be hired through Government Contractors. i.e. Tractor Trolley & Excavator, Motor Boats etc.

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Flood Fighting Material Required.

Sr.#.	Description	Unit	Quantity
1	Chair Plastic Set at camps	Set	03
2	Generator 3500-Watts	No.	01
3	Gas Cylinder	No.	01
4	Gas Stove	No.	01
5	Water Set	No.	02
6	Tea Set	No.	02
7	Dinner Set Plastic	No.	02
8	Life Jackets	No.	06
9	Iron Charpai	No.	04
10	Boat & Engine	No.	02
11	Kassies	No.	24
12	Torches rechargeable	No.	10
13	Tent	No.	02
14	Banner for flood camp	No.	24
15	Petrol for Generator	Ltr	400
16	Nylon Rope	Kg	20

17	Gunny Bags	No.	300
18	Plastic Nylon Bags	No.	1200
19	Sutli	Kg	12
20	Trolley for Boat	No.	02
21	Synthetic bags 500Kg and 1000 Kg Capacity	No.	2000
22	Polythene sheets black color	Kg	20
23	Flood Lights along with accessories	No.	02
24	Repairing Engine of Generator 3500-Watts	No.	01

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13.3.6 Flood Fighting Material Available.

Sr.#.	Description	Unit	Quantity
1	Chair Plastic Set at camps	Set	03
2	Generator 3500-Watts	No.	01
3	Gas Cylinder	No.	01
4	Gas Stove	No.	01
5	Water Set	No.	04
6	Tea Set	No.	04
7	Dinner Set Plastic	No.	04
8	Life Jackets	No.	12
9	Iron Charpai	No.	08
10	Kassies	No.	36
11	Torches rechargeable	No.	10
12	Tent	No.	04
13	Nylon Rope	Kg.	40
14	Wooden pegs	No.	100
15	Gunny Bags	No.	300

16	Plastic Nylon Bags	No.	300
17	Sutli	Kg.	05
18	Polythene sheets black color	Kg.	40
19	Flood Lights along with accessories	No.	08

XEN KHUSHAB

13.4 DETAIL OF OTHER INFRASTRUCTURE LIKE ELECTRIC, SUI GAS, TELEPHONE INSTALLATION, ROAD NET WORK, OTHER BUILDINGS, CANAL & DRAINAGE NET WORK.

Jabbi to Warcha Road and Village Dhokary, energy lines, telephone exchange and Schools buildings etc.

Executive Engineer,
Khushab Canal Division,
Khushab

Superintending Engineer,
Thal Canal Circle,
Mianwali

Chief Engineer,
Sargodha Irrigation Zone
Sargodha

CHAPTER - 14

ACTION PLAN

14.1 RE-SHUFFLING / RECOUPING PLAN OF RESERVE STOCK OF STONE DEPARTMENTALLY.

Sr.	Name of site/ Location	Sanctioned Limit (cft)	Minimum Requirement i.e. 60% (cft)	Available Quantity (cft)	Remarks
1	SherGrah	182000	109200	182000	Reserve Stock of stone out of total sanction quantity

2	TibbaQaim Din	125000	75000	-	7.48 Lac Cft, 1.82 Lac Cft Stone is available at SherGhar sites. For procurement of remaining 5.66 Lac Cft. Sanction of temporary limit of Reserve Stock of Stone for the year 2018 is under process.
3	JauraKalan&T hattiKalanBha n	300000	180000	-	
4	Army Installation	24000	14400	-	
5	Hassan PurTiwana	22000	13200	-	
6	Village Tetri	95000	57000	-	
Total		748000	448800	182000	
Total in Lac Cft		7.480	4.488	1.820	

XEN KHUSHAB

DETAIL OF INLET AND OUTLET CROSSING ALONGWITH CLOSING METHODOLOGY.

Sr.	Name of Bund / Spur	RD	Outlet / Inlet	Existing position	Closing Methodology
N.A					

14.2 DEPLOYMENT OF MACHINERY (MEDIUM TO HIGH FLOOD).

Name of Structure	Length in Mile	Vulnerable Reach	Camp Location	Site In-charge by name & Cell No.	Machinery Deployed	Availability of Stone
-------------------	----------------	------------------	---------------	-----------------------------------	--------------------	-----------------------

					Excavator	Dozer	Trolleys / Dumpers	Tractor with front blade	Labour (Beldar + Mate)	Cft
TibbaQaim Din	0.24	RD.1+200	RD. 1+200	Malik Javaid 0346-9493077	-	--	-	-	10+2	-
Safety Bund per MouzaDhokary	0.64	RD: 1+800	RD: 1+800	RanaNasrullah 0302-6770301	-	-	-	-	-	-
Guide Wall Spur No. II SherGarh	0.14	RD:0	RD: 0+000	RameezUI Hassan 0304.6351330	-	-	-	-	10+2	-
Guide Wall No. II ThattiKalakBhan&JuranKalan	0.20	RD.0	RD.0+000	RameezUI Hassan 0304.6351330	1	1	2	1	20+4	--
Total					1	1	2	1	40+8	

XEN KHUSHAB

DEPLOYMENT OF MACHINERY (HIGH TO VERY HIGH FLOOD).

Name of Structure	Length in Mile	Vulnerable Reach	Camp Location	Site In-charge by name & Cell No.	Machinery Deployed					Availability of Stone Cft
					Excavator	Dozer	Trolleys / Dumpers	Tractor with front blade	Labour (Beldar + Mate)	
TibbaQaim Din	0.24	RD.1+200	RD. 1+200	RameezUI Hassan 03046351330	-	--	-	-	10+2	-
Safety Bund per MouzaDhokary	0.64	RD: 1+800	RD. 1+800	RanaNasrullah 03026770301	-	-	-	-	-	-

Guide Wall Spur No. II SherGarh	0.14	RD:0	RD: 0	RameezUI Hassan 03046351330	-	-	-	-	10+2	-
Guide Wall No. II ThattiKalakBhan&JuranKalan	0.20	RD.0	RD.0	RameezUI Hassan 0304.6351330	1	1	2	1	20+4	--
Total					1	1	2	1	40+8	

14.3 DEPLOYMENT OF MACHINERY (HIGH TO EXCEPTIONALLY HIGH FLOOD).

Name of Structure	Length in Mile	Vulnerable Reach	Camp Location	Site In-charge by name & Cell No.	Machinery Deployed					Availability of Stone Cft
					Excavator	Dozer	Trolleys / Dumpers	Tractor with front blade	Labour (Beldar + Mate)	
TibbaQaim Din	0.24	RD.1+200	RD. 1+200	RameezUI Hassan 03046351330	-	--	-	-	10+2	-
Safety Bund per MouzaDhokary	0.64	RD: 1+800	RD: 1+800	RanaNasrullah 03026770301	-	-	-	-	-	-
Guide Wall Spur No. II SherGarh	0.14	RD:0	RD: 0	RameezUI Hassan 03046351330	-	-	-	-	10+2	-
Guide Wall No. II ThattiKalakBhan&JuranKalan	0.20	RD.0	RD.0	RameezUI Hassan 03046351330	2	2	4	2	40+8	-
Total					2	2	4	2	60+12	

LIST OF LOCAL CONTRACTORS

Name of Govt. Contractor	Contact Number	Remarks
M/S Al-Zakria Construction	0300-6072161	Excavators and other machinery may be made available through these contractors.
Maqsood Ahmad Govt, & CO	0312-9207692	
Malik Ghulam Muhammad	0300-6095917	

XEN KHUSHAB

14.4 POLICE DEPLOYMENT PLAN

Performa – 1

Sr.	Site of Breaching Section	Concerned Canal Division	Concerned Police Station and District	Police Persons Deployed		Remarks (if any)
				Inspector / Sub Inspector / A.S.I	Constable	
N.A						

Performa – 2

Sr.	Vulnerable sites used for illegal cuts during floods	Concerned Canal Division	Concerned Police Station and District	Police Persons Deployed		Remarks (if any)
				Inspector / Sub Inspector / A.S.I	Constable	
N.A						

Performa – 3

Sr.	Name of Barrage	Concerned Canal Division	Concerned Police Station and District	Police Persons Deployed		Remarks (if any)
				Inspector / Sub Inspector / A.S.I	Constable	
N.A						

14.5 DETAIL OF SYNTHETIC BAGS WITH CAPACITY OF 500 KG AND 1000 KG.

1. Synthetic Bags with capacity 500 KG = 1500 No
2. Synthetic Bags with capacity 1000 KG = 500 No.

14.6 DETAIL OF POLYTHENE SHEETS OF BLACK COLOUR TO PROTECT upstream SLOPE AGAINST WAVE ACTION AND TO CONTROL SEEPAGE THROUGH EMBANKMENT.

Polythene sheets of black color for protecting upstream slopes waves and control to seepage (Average 20 FT Width) 1500 Rft

XEN KHUSHAB

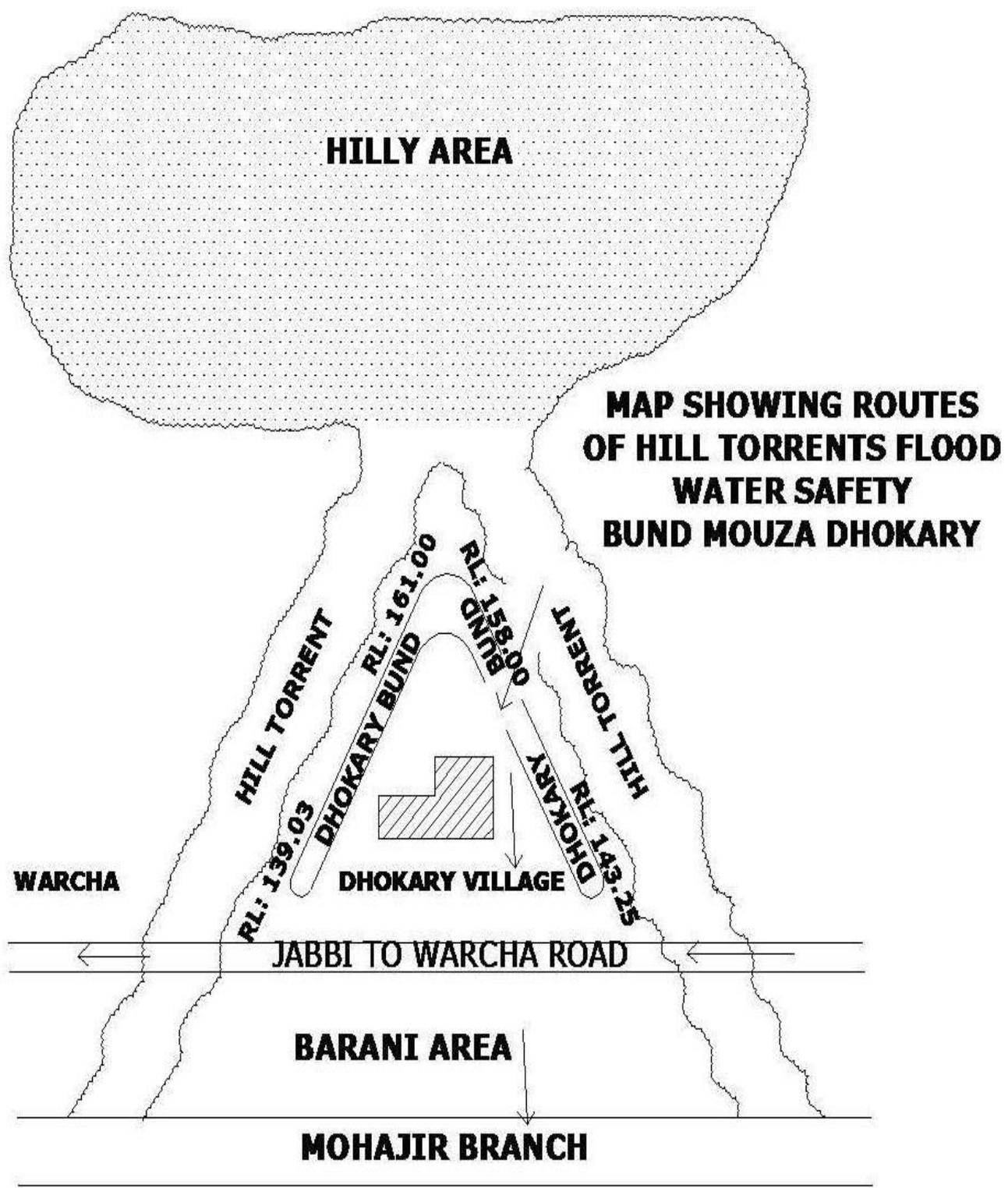
CHAPTER-15

BACK UP DIVISIONS (IN CASE OF BREACH)

CERTIFICATE

Mianwali Canal Division Mianwali will be back up Division in case of any damaged of structure / safety bund.

Executive Engineer,
Khushab Canal Division,
Khushab



LENGTH = 3200 FT
TOP WIDTH = 10 FT
FREE BOARD ABOVE HFL = 3-6 FT
SIDE SLOP = 2:1

XEN KHUSHAB

PART - B

OFFICE OF THE
CIVIL DEFENCE OFFICER
KHUSHAB

PHONE NO.0454-920052.

To,

The Deputy Commissioner,
Khushab.

NO.CD/KHB-G-6-2018/
Dated—————2018.

Subject :- FLOOD CONTINGENCY PLAN-2018.

Kindly refer to your Office letter No.28 ADC/(R)/HC (Flood) dated 16-03-2018.

The requisite information regarding pre-Flood arrangements for Monsoon-2018 in respect of Civil Defence Office Khushab is as under:-

1. ORGANIZATION OF MOBILE SQUADS OF CIVIL DEFENCE RAZAKARS
The list of 30 No: of Civil Defence Volunteers is attached herewith for assisting the Local administration/Army / Rescue 1122.
2. CIVIL DEFENCE VEHICLES, EQUIPMENT etc.
 - a. The vehicle No.KBG-14-16 is ready for the purpose of Flood duty for
Civil Defence Volunteers and Staff and other duties as directed by DC/Controller Civil Defence .
 - b. The Flood fighting equipment has been handed over to the Rescue
1122 by the order of Government of Punjab.
3. CONTINGENCY PLAN FOR EXTRA ORDINARY SITUATION.
This Office has been bounded to provide the Civil Defence Volunteers and identified list has been attached for information.

CIVIL DEFENCE OFFICER
KHUSHAB

LIST OF CIVIL DEFENCE STAFF

Sr.NO	NAME & DESIGNATION	PHONE NO.
1)	Moazzam Sultan (Civil Defence Officer)	0345-8636584
2)	Muhammad Younas (Asst)	0300-6027401
3)	Muhammad Kamran Shahid(Senior Clerk)	0303-6225544
(INSTRUCTIONAL STAFF)		
4)	Muhammad Rizwan Shahid (INST.G-II)	0346-8710787
(Bomb Disposal Staff		
5)	Abdul Ghafoor (BDC)	0302-9544044
6)	Malik Khan (BDT)	0300-8876274
(Class- IV)		
7)	Muhammad Irfan Driver	0302-8795934
8)	Muhamad Ijaz N/Q	0300-6078421
9)	Muhammad Amin (Chokidar)	0308-6391309
10)	Saleem Paul (S/W)	0345-5848328

LIST OF CIVIL DEFENCE RAZAKARS FOR MOBILE SQUAD WITH COMPLETE DUTY ROSTER

Sr.#	Name	Father Name	CNIC.No	Enrol.No
SHIFT 01				
1	Muhammad Saleem	Ghulam Rasool	38201-1061776-3	663
2	Muhammad Naveed	Khushi Muhammad	38201-8995508-5	867
3	Khadam Hussain	Muhammad Hussain	38201-1161807-7	868
4	Tanveer Hussain	Muhammad Hussain	38201-2325778-3	962
5	Waqas Hussain	Muhammad Hussain	38201-1170357-7	958
6	Alim Khan	Muhammad Ali Khan	38201-1216794-3	1084
7	Muhammad Ijaz	Atta Muhammad	38201-3418683-9	1040
SHIFT 02				
8	Shokat Iqbal	Muhammad Iqbal	38201-2245151-7	919
9	Javaid Iqbal	Muhammad Iqbal	38201-4110257-5	956
10	Gul Anar	Ahmad Nawaz	38201-5769306-3	701
11	Sajad Abbas	Zulfqar Hasan	38201-0137417-7	1085
12	Muhammad Ilyas	Hafiz Sher Muhammad	38201-1216081-7	1086
13	Muhammad Imran	Sher Muhammad	38201-8015172-9	1140
14	Muhammad Nasir	Muhammad Asghar	38201-7778993-9	1115
SHIFT 03				
15	Muhammad Rehan	Muhammad Sadiq	38201-1817110-7	1150
16	Muhammad Iqbal	Sher Muhammad	38201-1104133-5	1186
17	Muhammad Bilal	Muhammad Rasheed	38201-6750056-1	1164
18	Anwar-UI-Haq	Muhammad Ilyas	38201-9193704-3	1089
19	Muhammad Ahsan	Muhammad Ramzan	38201-1326063-7	1178
20	Muhammad Sarfaraz	Sher Baz	38201-7764674-5	1185

**CIVIL DEFENCE OFFICER
KHUSHAB**

**LIST OF CIVIL DEFENCE RAZAKARS FOR EXTRA ORDINARY
SITUATION**

Sr.#	Name	Father Name	CNIC.No	Enrol.No
1	Ijaz	Muhammad Din	38201-6148080-1	953
2	Haji Zulqarnain	Imam Buksh	38201-2619204-7	580
3	Ahmad Nawaz	Sultan Khan	38201-1163340-7	664
4	Muhammad Shauib	Mian Muhammad	38201-0747498-5	1121
5	Kamran Raza	Ghulam Raza	38201-9195143-5	1176
6	Asif	Mushataq Ahmad	38201-3466292-1	1175
7	Muhammad Iqbal	Atta Muhammad	38201-1460093-7	1165
8	Munir Hussain	Shabir Hussain	38201-1161273-1	1124
9	Khudha Buksh	Ahmad Khan	38201-6850282-7	823
10	Taseer Shah	Zulfqar Hasan	38201-9344896-9	1103

CIVIL DEFENCE OFFICER
KHUSHAB

Available Human and Material Resources (Volunteer/ Available with the NGOs)

Name of District	Focal Person	Relief Camps	Relief Centre	Official Available Gazetted /Non Gazetted	Name of NGOs	Name of NGO's Representative/ contact NO	Philanthropist / Donor agencies	Available Human and Material Resources (Volunteer/ Available with the NGOs)				
								No. of Volunteers (Facilitators in Relief Operation)	No. of Blood Donors	No. of Swimmers/ Boy	Other Material Resources	
1	2	3	4	5	6	7	8	9	10	11	12	
Khushab	Malik Imtiaz Ahmad, Deputy Director, Social welfare, 0454-920049 0300-8701551	Govt. High School khushab	Dhak Centre (Including UCs, Tilokar, NAli, Nari, Katha and Daiwal).	Mehboob Elahi, junior Clerk, DDSW office Khushab. 0302 3537030 Ansar Hayat, Naib Qasid, DDSW office Khushab. 0301-5819017 Muhammad Akram, driver, DDSW office Khushab. 03476947450	<ul style="list-style-type: none"> 1.The Society of Human Empowerment & Rural Dev; Mitha Tiwana 2Adara Falah o Bahbood, Mitha Tiwana 3.Anjuman Firogh-e-Taleem, Quidabad 4.Bandi 	Co. Sadiq Tiwana Mohammmad Ramzan Jora Qammarul Din Akram Bandial Soriya Khanam Syed Joher	03335 252525 0300-8702856 0454-880328 00300 96010 0301-5793748 • 0307-6776537 0300-2837575 0301-6273204 •	1. Attul Rehman (0302-6394440) 2. Ch. Mohammad Jamil, Rice Mills 3. AD Bhai, Saleem Jewellers (720700) 4. Haji Mohammad Sharif, Al Aziz	600	313	M Irfan Sohail S/O Haji Abdul Rasheed 03339 9824339 M Usman Aasi S/O M Maqbool 03006 073353 Imran Shaukat S/O Shaukat Ali 03327	Life Jacket 108 Boats 18 OB M Eng. 730 HP Eng 6 (These are available with Rescue 1122)

Huma Aziz, SWO, Social Welfare, CDP, Khushab .0346 81430 52 0454-92000 9/ Samina Raja, Manager, DIH (Sanat zar) Khushab 0454-92005 0	Govt . High School khushab	Khus hab Sand aral (Incl uding 5 urba n UCs of Khus hab city and UC Sand ral).	Muhmma d saleem Iqbal j/c cdp khushab 0303 7426892 Mushtaq Ahmed Chowkida r, 03066776 023`	Welfare Society Bandial 5. NOW Welfare Society, 36-DSB • 6.Anjum an Samaji Bahboo d, Girot • 8.Kainat Develop ment Organiz ation 51-MB • 9.Navee de Saher Welfare Society, 40-MB • 11.Aunj. Samaji Behboo d, Jaura Kalan • 12.Pak Falahi Idara Antinorc otics, Sher Garh • 13.Shan Welfare Society • 14.Care er Dev; Organiz ation, Jamali Balocha	Huss ain Shah, Presi dent • Ghul ma Murt aza, Presi dent Muh mma d Ilyas Presi dent Mrs. Robi na Kaus ar • Dr. Syed Noor Akht er Shah, • Malik Ahm ad Khan • Zum urd Khan Baloc h, Presi dent • Moh. Sulim an, Presi dent • Muh	03017 71495 3 • 0301- 31060 36 • 03066 78989 1 0301- 49932 36 • 04548 50316 • 0301- 30547 80 • 0301- 67506 10 • 0300- 60796 63 03005 09727 8 • 0454- 61028 7 • 03005 09727 8 • 03005 26564 0 • 0454- 61040 5 0454-	Rice Mills (0300- 60705 46) 5. ICE Factori es Owner s, Khush ab 6. Sajid Mines Owner (0300- 60749 20) 7. Dr. Zahid Naseer (0322- 43660 33) PMA, Khush ab 8. Malik Ghula m Rasool Sangh a (0300- 60418 65) 9. Malik Shakir Bashir Awan, MNA (0300- 60799 24) 10. Dr.	74247 1 Rana M Tahir S/O Abdul Karee n 03328 00416 8 Qamm ar Ali S/O M Ameer 03024 50744 7 Qamm ar Abbas S/O M Aslam 03344 83865 4 Ghula m Sarwa r S/O Fazal Hayat 03023 53672 2 M Kamra n S/O M Iqbal 03066 78241 6 Rana M Usma n S/O Rana M Salee
Huma Aziz, SWO, Social Welfare, CDP, Khushab. 0346-81430 52 0454-92000 9/ Samina Raja, Manager, DIH (Sanat zar) Khushab 0454-92005 0	Govt High School Giro te.	Giro t Sect or UC Giro t and Hass an Pur	Muhmma d Shafi j/c MSO,DHQ Khushab 03026398 964 Ehsan ul Haq shah S/c DD SW office KHUSHAB 03006043 684 Muhamm ad Ramzan N/Q Office of DD SW&BM 03023537 092					

zar) Khushab 0454-920050				<ul style="list-style-type: none"> • 15.Awami Welfare Society, Shah Wala Janubi • 16.Desert Welfare Society, Rangpur Baghoor • 17.Aunj. Samaji Behbood, Naushera • 18.GRDP, Naushera • 19.Zia e Soon, Naushera • 20.Women Welfare Association, Naushera • 21.Development and Environment Society, Mardwal • 22.Qutab Welfare Society 	amad Suleman • M. Noor Deen, President • .Mali Ghulam Fareed Chagi, • Abdul Hammed, President • Malik Mohammad Aslam, • Samina Nazer, President • Malik Sher Afzal • Malik Gul Sultan, President •	610607 • 0301-8603202 0454-610037 03018603202 03026776330 03006076658 03006076658 0301-6771642 03084195239 03042177979 0454920055 03057119988 03005195245 03004123436 03006072983 03009606762 03006075490 •	Ghous Mohammad Niazi (0300-6070722) 11.Hamed Asghar, Sally Textile (Personal) (720311) 12. Saleem Waraich, Cold Storage, j.abad 14. Haji Mohammad Shafique, Kisan Ghee 15. Haji Fakhar Hussain Awan (0300-6079595) 16. Jauharabad ICE Factories Association 17.			<ul style="list-style-type: none"> m 03336813471 Ikram Ullah Sharief S/O M Sharief 03026778186 M Ismael S/O M Haneef 0315604695 M Umar Daraz S/O Haji Abdul Rasheed 03006073484 Noman Maqbool S/O M Maqbool 0323672209 Ali Akbar S/O Khair Din 03227531778 M
Shabana Ajmal, SWO. CDP Noorpur 0323-9942500/ Um-e-Farwa Hamdani, MSO, DHQ Hospital, Jauharabad 0454-920055, 0301-6772779	Govt . High school, Qaidabad	Quaidabad UC Goliwali, Warcha and Jabbi etc.	Zaton Falaksher, supervisor, CDP NPT Zafar Iqbal, Chowkida Office of DD SW. Khushab03016949273							
Shabana Ajmal, SWO. CDP Noor, Pur 0323-9942500/ Um-e-Farwa Hamdani, MSO,	Govt . Higher Secondary school, Jorakalan	Jurakalan Khair Khurd and other area thal.	Nasir Khan Assistant DIH khushab 03026771516 Atta Mohammad, N/Q Sanatzar							

DHQ Hospital, Jauharabad 0454-920055, 0301-677279				Naushera 23. SVDO, Soon Valley, Naushera 24. Society for Dev; &	Malik Gul Baz Afaqi, President Malik Mohammad Faroq, President Muhammad Shakiel Syed Abdul Hassan Shah Muhammad Sadaqat Ahmad Khan Aslam Awan Dr. Ghous Niaz Malik Aparaiz Iqbal Muhammad	Petrol Pumps Association 18. Dildar Khan Adv.(0300-6070258) 19. Qazi Mohammad Iqbal, Mitha Tiwana 20. Dr. Umar Ali Shah Hashmi 21. Tanzeem Tajran Jauharabad (Ch. Azam Gujar)(0306-4091974) 22. Haji Nazeer Sufi Flour Mills (710504) 23. Shada b Flour Mills Malik Aslam	Waseem S/O Manzor Huassain 03125015039 M Ali S/O M Ikram 03158981400 Nasir Mahmood S/O Khalid Mahmood 03005158998 Sada Hussain S/O Nazeeer 03016774144 M Arsalan Hassan S/O M Shahid Irfan 0334844947 Zaheer Baqir Khan S/O Khan Mohammad 03336
Najamun Nisa, MSO, THQ Hospital, Naushera 0300-8670261	Govt . high school Naushera	Naushera Secoter UC, Uchali, Kufri, Naushera, Khabaki, Khura, Padhar and Anga	Muhammad Imran, J/C MSSP, Naushera 03052864081 Zafar Iqbal J/C, DIH KHUSHAB 03436914097 Mohammad Zulfiqar, Chowkida Noor Pur Thal 0305-5390661	25. Pasban Welfare Society, Jauharabad 26. Alflah Welfare Society, Jauharabad 27. Ujalla Welfare Society, Khushab 28. Patient welfare Society, Khushab 29. Patient Welfare Society J.Abad 30. T.B Association, Khushab 31.			

					Falcon Welfare Society, J.abad 32. Sustainable development Association, Jauhara bad 33. Social Welfare Society, Daiwal 34. Tanzee m Al Falah,41 MB, J.ABAD 35. Bahdar Welfare Society, Daiwal 36. Dar ul Islam social Welfare Society,J .abad 37. Public Welfare Society, J.abad 38. Social welfare Society, Jabbi 39. PROGRES S Jauhara bad	Ghaz anfar Dr. Ijaz Ahm ad Prf. Ghul am Murt aza Muh amm ad Maso od Muh mma d Yar Zafar Dr. Shahi d Gill Haji Fate h din Qam ar Nasr a	(0300-86697 52) 24.Mo hamm ad Khalid Sial, Officer Pionee r Cemen t Ltd. 25. Abdul Ghaffa r Shahe en 22 /MB27 . 26. Ghula m Nabbi Khatta na, Socia Worke r 27. Muha mmad Khalid Imran Trader Khush ab 28.Mu hamm ad Afzal Khush ab 0300-60738 15 29. Al- Tahir Public School		81334 1 Moha mmad Sohail S/O M Akbar 03007 20991 6 Abdul Rahma n S/O M Hassa n 03004 51446 0 Moha mmad Hsnain S/O Mata Hasnai n 03446 90068 4 Fiaz Hussai n S/O Ghula m Shabir 03023 53190 4 Nazar Abbas S/O M Mukht ar 03436 66536 9 M Asif S/O Haji Haq Nawaz
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								Khush ab C/O Sh.Nas ar Ahme d 0344- 84465 65I			03020 39695 6 Matlo ob Abbas S/O Maqb ool Huass ain 03008 82165 8 Zia ul Haq A/O M Aazam 03332 91542 2	
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FLOOD FIGHTING PLAN 2018



DR. ARIF SULTAN

**ADDITIONAL DIRECTOR LIVESTOCK
LIVESTOCK & DAIRY DEVELOPMENT
KHUSHAB**

نقشه ضلع خوشاب

بیمان بحساب
۱" = ۲ میل

Naushera

Quaidabad

Hadali

Mitha Tiwana
(Rain water fall from Hills)

Balwal

Bansi

Dhak

Rajar

Kurar

Khushab

Hamoka

Meli sadar din

Sheikhuwal

Bheen

Meli pir Baksh

Gogo chaky

Lal Hussain

Havali Chargh

Tatri

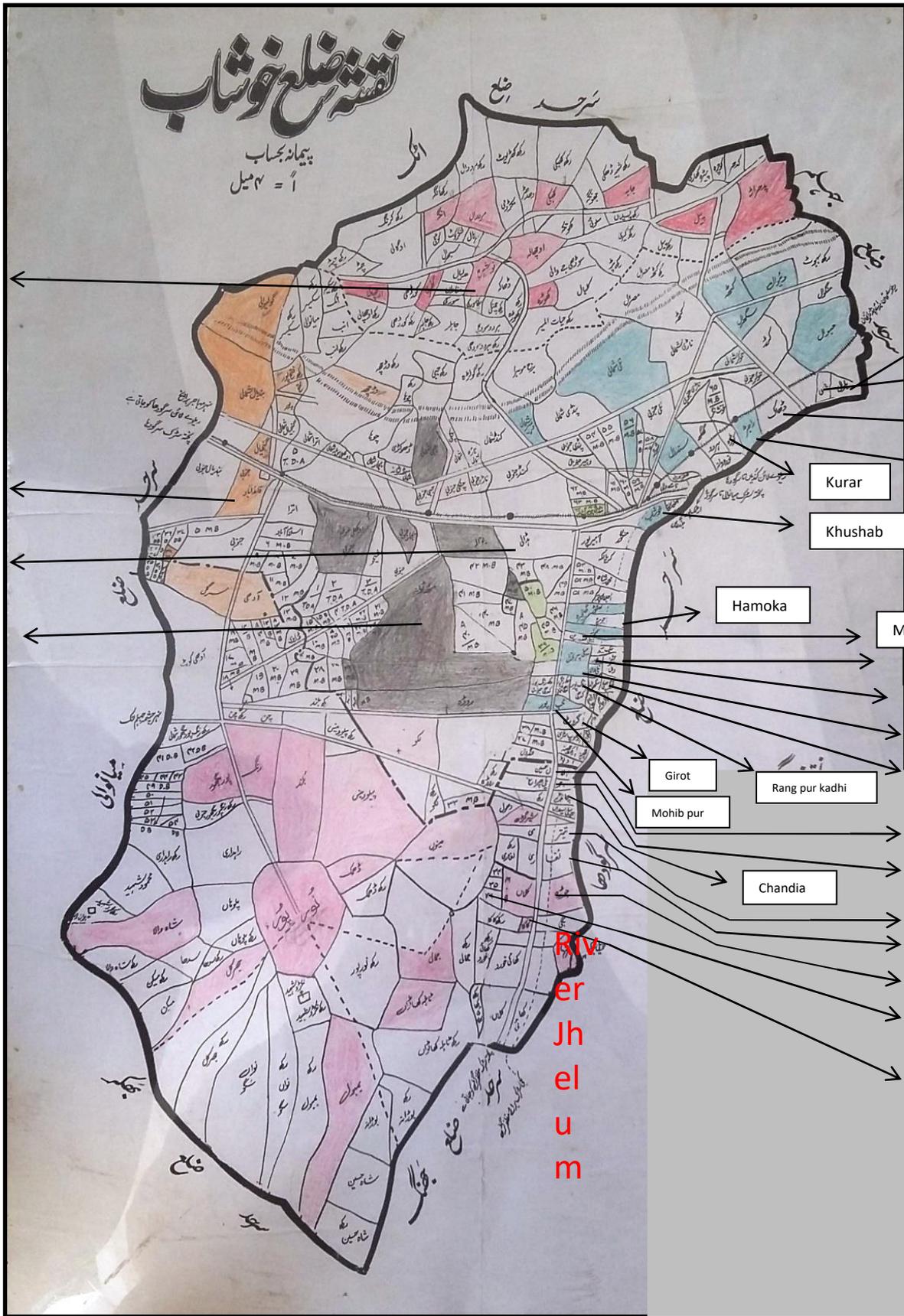
Laghari

Jaura Kalan

Chak No 34,35,36

Kaka

River Jhelum



ACTION PLAN

PRE-FLOOD VACCINATION CAMPAIGN / PREVENTIVE MEASURES

1. To ensure veterinary cover and prophylactic vaccination to the animals in flood prone areas for the Epidemics and to save the Livestock wealth.

District Khushab is divided in nine sectors namely:

- 1) Khushab
- 2) Dhak
- 3) Hamoka
- 4) Girote
- 5) Jaura kalan
- 6) Mitha Tiwana
- 7) Quaidabad
- 8) Hadali
- 9) Naushera

2. Pre-flood vaccination will be started w.e.f 15th June, 2018 to 15th September, 2018.

3. Four (4) Deputy Director Livestock, One (1) APVO, Four (3) Senior Veterinary Officer, Fifteen (15) Veterinary Officer Will supervision the vaccination working being performed Eighty Three (83) Veterinary Assistant.

VACCINATION PROGRAMME AGAIST DISEASES.

1. Hemorrhagic Septicemia
2. Entero Toxaemia
3. New Castle Disease Vaccine

Sufficient quantity of above vaccines, according to the animal population is available in the store of Additional Director Livestock Officer, Khushab with well maintained cold chain system up to the farmer door step level. Adequate stock of vaccine has been provided according to season at each and every Veterinary Hospital / Veterinary Dispensary and Flood sector.

VACCINATION PROGRAMME REPORTING

1. Veterinary Assistant will vaccinate the animals in his respective areas and upload on ICT based 9211 system for proper monitoring up to DG (Ext) & DG (Res) as well as secretariat level.
2. Veterinary officer will supervise the work of Veterinary Assistant under his jurisdiction.
3. Deputy Director Livestock is responsible to monitor vaccination work in his concerned Tehsil/ Tehsil,s.
4. Additional Director Livestock, District Khushab will monitor vaccination work in whole of the District.
5. Director Livestock Sargodha Division, Sargodha will monitor the vaccination work at random in Sargodha Division including District Khushab.

1. **LIASON DUTIES**

Additional Director Livestock, District Khushab will remain in close contact with the Deputy Commissioner office (In charge District Flood emergency controlling cell) & Director Livestock Sargodha Division Sargodha to seek instructions, implementation and communicate progress report to quarter concerned.

2. **LIASON AT FLOOD SECTORS.**

The staff deputed at flood sectors will coordinate with officers / Officials of revenue Department under the supervision of Deputy Director Livestock of the concerned Tehsil.

3. **PROVISION OF VACCINES.**

All related vaccines will be supplied up to the institution and flood sector level through the Cold chain Vehicle available at Divisional headquarter for the said purpose.

4. **AWARENESS AND PUBLICITY.**

The banners regarding flood relief activities will be displayed on the prominent places in flood prone areas and at flood relief sectors to inform flood effectees about emergency to Livestock and the facilities available for vaccination and treatment of animals.

5. **FLOOD EMERGENCY MEDICINES.**

Medicines are reserved for flood emergency and are available at the store of Additional Director Livestock Khushab as well as Deputy Directors of concerned Tehsil which will be made available at flood sectors as and when required. Furthermore budget is also available with the Deputy Directors at Tehsil level for emergency purchase of medicine.

6. **DAILY REPORT**

On printed pro-forma daily vaccination and treatment will be reported to the higher authorities' i.e Incharge flood cell, Project Director Diagnostic Lab, L&DD, Punjab Lahore, Director Sargodha Division, Sargodha, Deputy Commissioner Khushab w.e.f. 16.06.2018.

7. **VILLAGE TO VILLAGE COVERAGE OF THE FLOOD PRONE AREAS FOR PREVENTIVE MEASURES AND ADVISORY SERVICES.**

Teams of veterinary assistants under the supervision of Veterinary Officers, in their respective area have been constituted. These will provide maximum coverage to the Livestock, against the contagious and infectious disease particularly in flood prone areas.

8. **TREATMENT OF WOUNDED AND SICK ANIMALS IN FLOOD AFFECTED AREAS.**

Wounded and sick animals will be treated in the flood affected areas and will also be provided immunoprophylaxis in the flood centers. This is in addition to the treatment and vaccination which is being provided in the field. The staff in these Hospitals and Dispensaries will be directed to play their active role during the flood/ emergency situation.

POST FLOOD MEASURES.

1. FLOOD LOSS PROFORMA.

Additional Director Livestock, Khushab in coordination with Deputy Directors at Tehsil level, with the help of field staff will prepare Tehsil wise flood loss Performa based on the following information, to starts rehabilitation work:-

1. Damage to Livestock and poultry (Washed away in flood/ died)
2. Dairy farm building and machinery damaged.
3. Damage to Veterinary Institutions/ Buildings.
4. Damage to store/ good owns of dry fodder and animals feed.
5. Damage to standing fresh fodder.

2. VACCINATION WORK.

This will remain continue up to 30.09.2018 at proper places in the flood affected areas.

3. DEWORMING PROGRAMME.

Intensive deworming will be carried out and the animals will be dewormed against Liver fluke infestation which is very common in flood affected areas.

DUTY OF STAFF FOR FLOOD FIGHTING AT FLOOD SECTORS.

Sr. No	Name of Flood Sector	Name of Incharge Flood Sector.	Contact Phone #.	Name of Veterinary Assistant deputed on Flood Duty	Contact Phone #.
1	Khushab	Dr. Zafar Iqbal, VO Roda	0334-6094005	1. Perviaz Akhtar VA Sandral 2. Muhammad Sher VA Shaiwala 3. Mr. Zeeshan Haider VA Jaswal 4. Mr. Muhammad Safdar VA Khushab	0342-7456080 0305-7129401 0307-4191212 0300-4184920

2	Dhak	Dr. Zafar Iqbal, VO Roda	0334-6094005	1. Sakhawat Abbas, V.A. Tilokar. 2. Mr. Asif Mahmood VA Katha Saghral 3. Mr. Muhammad Mateen VA Rajar 4. Munawar Ali, V.A Katha Sagral.	0302-8976618 0301-6770629 0300-0709771 0301-6770459
3	Hamoka	Dr. Ikhtlaq Ahmad, VO Hamoka	0343-7098438	1. Muhammad Sajawal V.A Hamoka. 2. Khalid Mehmood V.A T.Ganjira. 3. Muhammad Waris V.A Gogo Chaki.	0301-4371781 0301-5641709 0306-6714599
4	Girote	Dr. Ikhtlaq Ahmad, VO Hamoka	0343-7098438	1. Muhammad Waris V.A Girote. 2. Muhammad Saeed VA Luku 3. Muhammad Shahbaz V.A Botala	0346-7955650 0301-6349140 0337-9688215
5	Jaura Kalan	Dr. Kamran Ashraf VO, Noorpur Thal	0301-3399553	1. Muhammad Sher, V.A Jaura Kalan. 2. Fateh Sher VA Aino. 3. Muhammad Ashraf V.A Khai Khurd 4. Muhammad Yousaf , V.A Havaili Chargh	0334-4846742 0302-2547422 0302-6732610 0300-6072266
6	Mitha Tiwana	Dr, Saeed Akbar VO MithaTiwana	0302-7363331	1. Mr. Asif Basheer VA Bijar 2. Mr. M. Awais VA Mitha Tiwana 3. Abdul Qayyum V.A Jabbi. 4. Imran Ijaz VA Bilu Farm	0306-6342310 0307-7009785 0300-4210837 0346-7978764
7	Qaidabad	Dr, Aneel Shahzad VO, Gunjial	0309-6023754	1. Sher Bahadar V.A Gungial. 2. Muhammad Hafeez V.A 38 DB. 3. Mumtaz Hussain V.A Mitha Khoo. 4. Noor Din V.A Bandial.	0301-7800153 0302-6397199 0345-5848331 0301-5838876
8	Hadali	Dr. Asad Hanan VO Hadali	0332-3339118	1. Mr. Abdul Wahid O/O ADL . 2. Mr. Yasir Nawaz VA Hadali 3. Gulzar Hussain V.A CVC Bola 4. Mr. Muhammad Waqas VA 50 MB	0301-7978524 0301-2832295 0306-5801310 0301-6341554
9	Naushera	Dr, Muhammad Ashraf Veterinary Officer, Anga	0300-7333246	1. Kausar Hussain V.A Naushera 2. Akbar Naveed V.A Uchali 3. Mr.Hassan Raza, V.A Kufri 4. Mr. Abdul Manan VA Khoora.	0302-3532295 0302-3530703 0300-0709772 0300-0709825

The Staff listed above will continue performing their duties at their respective places of posting till the onset of Flood emergency station if any. After the onset of flood they will immediately move to their concerned place of duties mentioned in above duty roster.

STRATEGY DURING FLOOD CONTROL ROOM.

Flood Emergency control cell has been established in the officer of Additional Director Livestock Khushab, Telephone No.0454-920080. This will work round the clock under the supervision of an officer along with two officials for the collecting information from the flood sector to pass on to higher authorities.

EMERGENCY TELEPHONE NUMBERS DURING FLOOD CAMPAIGN

DESIGNATION	TELEPHONE NUMBER	
	OFFICE	Cell No.
Dr.Arif Sultan , Additional Director Livestock District Khushab	0454-920080	0301-8604490
Dr.Nayla Maqsood Deputy District Livestock Officer, Tehsil Khushab.	-	0334-7970599
Dr. Haq Nawaz Ali Deputy District Livestock Officer, Tehsil Noshera.	-	0313-4704632
Dr. Rai Khuda Dad Deputy District Livestock Officer, Tehsil Noorpur Thal	-	0300-6023054
Dr. Muhammad Rizwan Deputy District Livestock Officer, Tehsil Quaidabad	-	0301-8678172

CENSUS OF FLOOD AFFECTED AREAS

Sr.#	Flood Sector	Large Animals	Small Animals	Poultry	Other	Total
1	Khushab	13366	8429	12544	1299	35638
2	Dhak	10244	6263	5209	440	22156
3	Hamoka	12018	11877	9649	736	34280
4	Girote	11692	13956	11317	60	37025
5	Jaura Kalan	8605	11239	16117	2751	38712
6	Mittha Tiwana	9210	7476	12326	1655	30667
7	Quaidabad	7988	21588	17373	5719	52668
8	Hadali	11699	8212	11874	800	32585
9	Naushara	5352	5285	7965	4377	22979
Total		90174	94325	104374	17837	306710

