CHAPTER-1
SALIENT FEATURES OF KHUSHAB IRRIGATION DIVISION KHUSHAB

1.1 Location.

Khushab Irrigation Division is situated in District Khushab and is a part of Sargodha Irrigation Zone, Sargodha. The division extends from Head Pacca (Tail of Main Line Upper) in District Mianwali to District 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 Four Sub Division as under:-

1. Drainage Sub Division at Khushab.
2. Quaidabad Sub Division at Quaidabad.
3. Jauharabad Sub Division at Khushab.
4. Mechanical 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.	1033-Nos

Area.

G.A	476458-Acres
C.C.A.	428337-Acres
Intensity	79%

Major Crops.

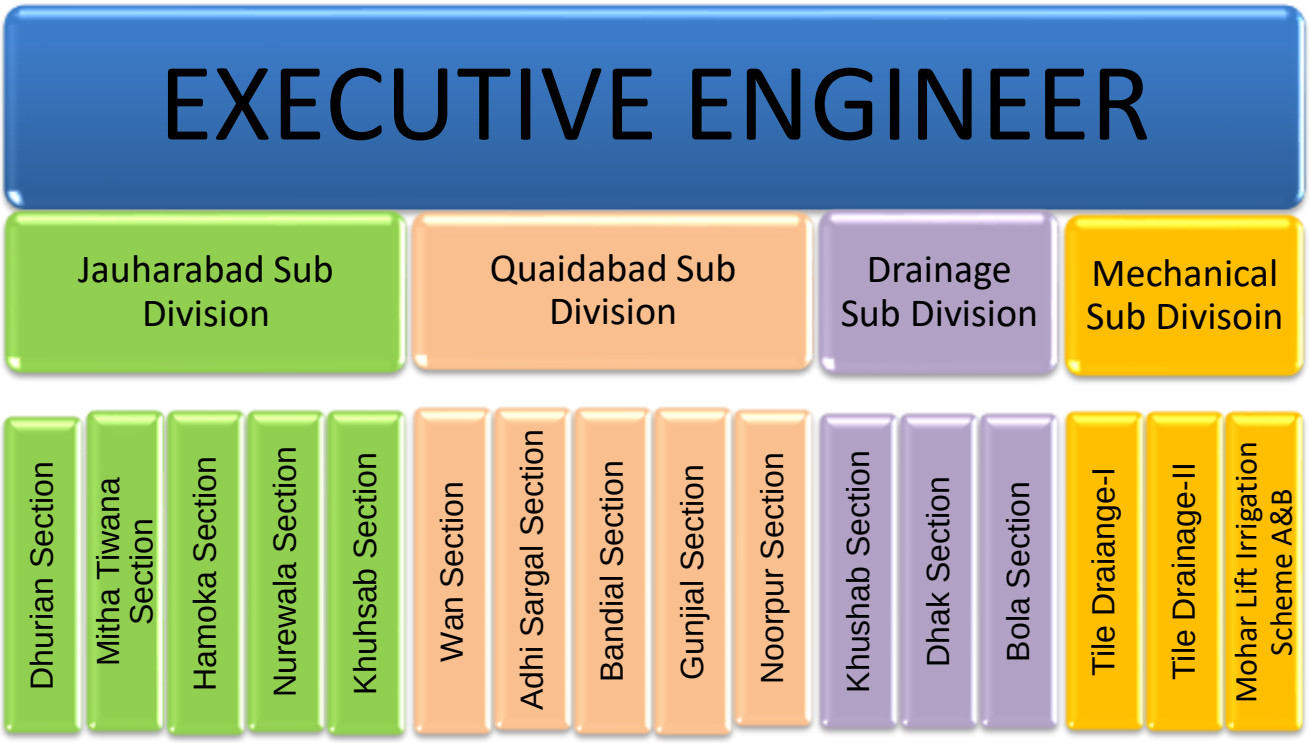
KHARIF CROPS.	
Cotton.	3.54%
Sugar Cane.	17.23%
Jawar & Chari.	10.20%
Bajra.	22.47%
Garden, Fodder & others	27.43%
Rice.	14.57%
Maize.	2.31%
Oil Seeds.	2.25%

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%

Drainage System.

Sr. No	Name of Drainage system	No of Drains Included in the system.	Total Length in Canal Miles	Authorized Discharge in Cs at out fall	Catchments area Sq Mile
KUSHAB DRAINAGE SECTION					
1	Khushab Drainage System	8 No	34.67	284	105
2	Sandral Drainage System	1 No	7.37	27	6.75
DHAK DRAINAGE SECTION					
1	Dhak Drainage system	1 No	12.50	516	129
2	Ghag Drainage system	5 No	21.20	160	72.25
3	Rajar Pond Drainage system	1 No	1.60	20	5
BOLA DRAINAGE SECTION					
1	Bola Drainage system	14 No	72.44	10.84	602.33
2	Hamoka Drainage system	1 No	11.40	60	9
3	Jauharabad Drainage system	1 No	8.42	80	20
4	Kaka Drainage system	1 No	1.70	4	1
5	Mitha Tiwana Drg system	4 No	51.95	665	188.10
Total		37 No	223.25 Canal Miles or 338.25 KM	2900 Cs	1138.43

1.3 Administrative Setup



CHAPTER-2
FLOOD PROTECTION AND RIVER TRAINING WORKS

2.1 Design parameter of Training Works

Sr. #	Name of structure	Length		Year of Construction	Design Para Meters									Side Slope		Tehsil / District
		RD	Miles		Top Width	Apron				Free Board above HFL	Pitching					
						Length	Width	R.L	Depth		Length	Thickness	Top R.L	River Side	Country Side	
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 Village Hassan Pur Tiwana**															
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
vi	**Hockey Stud**	0+200	0.04	2019-20	15’	349’	-	-	-’	5’	349’	1.0’	578.35	1:1	1:1	Khushab
vii	**Revetment wall**	0+600	0.12	2021-22	25’	600’	20’	570.28’	5’	5’	600’	1.0’	585.40’	1:2	1:3	Khushab
3	**Protection of Tibba Qaim 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

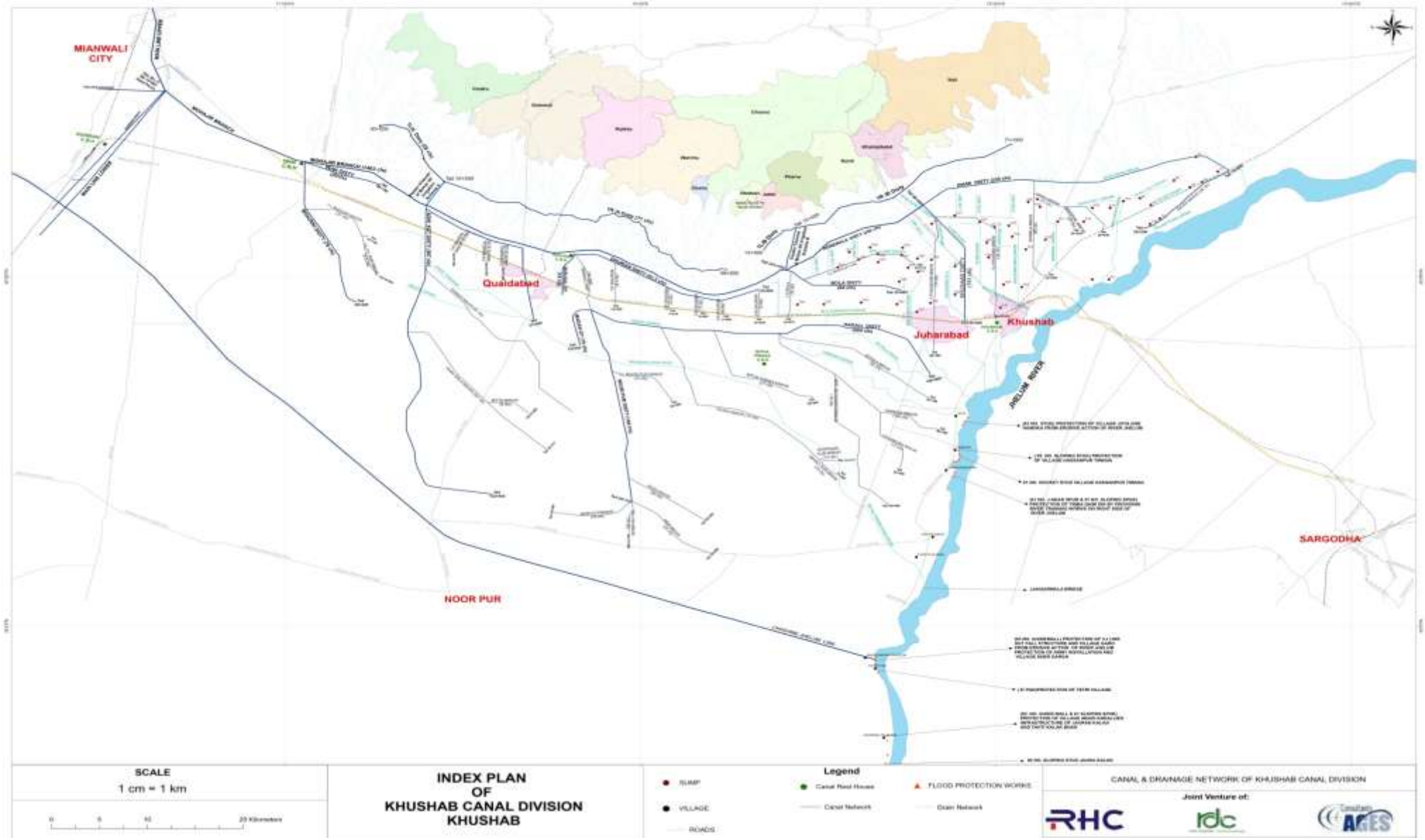
4	**Protection of C.J Link out fall structure & Village Shergarh.**															
i.	**Guide Wall Spur No.1**	0+723	0.14	2002-03	30'	1500'	20'	551.86'	15'	6'	1500'	1.0'	574.16	2:1	2:1	Khushab
ii.	**Guide Wall Spur No.2**	0+723	0.14	2001-02	30'	1500'	20'	552.16'	15'	6'	1500'	1.0'	574.46	2:1	2:1	Khushab
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
5	**Protection of Army Installation & Village Sher Garh**															
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 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
7	**Protection of Jaura Kalan & Thatti Kalak Bhan.**															
i.	**Guide Wall Spur No.1**	1+000	0.20	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	0.20	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'	568.70	2:1	2:1	Khushab
iv.	**Stud No.I**	0+200	0.04	2019-20	10’	200’	--	--	--	2’	200’	1.0’	557.88	1:1	1:1	Khushab
v.	**Stud No.II**	0+300	0.05	2019-20	10’	300’	--	--	--	2’	300’	1.0’	560.65	1:1	1:1	Khushab

Design Parameters for Flood protection works against Hill Torrential Floods

8	**Safety Bund Mouza Dhokary**															
i.	**Safety Bund**	3+200	0.64	1993-94	10'	N.A	-	-	-	3' to 6'	-	-	-	2:1	2:1	Khushab

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2.1 Location map



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CHAPTER-3
BRIEF HISTORY OF PAST FLOOD EVENTS.

The Khushab Canal Division has a history of devastating floods primarily caused by the overflow of the Jhelum River, intense monsoon rains, and flash floods from the Salt Range. These floods have repeatedly damaged infrastructure, agriculture, and local communities. Some of the most severe flood events occurred in 1992, 2010, 2020, each significantly impacting the region. The flood of 1992 was one of the most catastrophic, with the Jhelum River reaching a discharge of 952,170 cusecs at Rasul Barrage on Sept, 10. This flood resulted in widespread destruction of agricultural lands, severe erosion of riverbanks, and the displacement of thousands of people. Although several high-discharge events occurred between 1993 and 2009, none were as devastating as the 1992 flood.

In 2010, another severe flood struck when the Jhelum River's discharge at Rasul Barrage reached 233,292 cusecs on July 13. This flood caused substantial structural damage, including the destruction of Guide Wall No. II at Jaura Kalan. Severe erosion affected Thatti Kalak Bhan, Sloping Stud No.1, and various army installations, while Shergarh village suffered partial damage.

In 2020, an exceptional monsoon event occurred between August 31 and September 4, bringing the highest recorded rainfall in the history of Khushab.

RAIN FALL DATA OF 05 DAYS FROM 31.08.2020 TO 04.09.2020.

Name of Tehsil	Rain fall (mm)
Naushera	401
Khushab	312
Quaidabad	301
Nurpur Thal	250
Total	**1264**

Whereas total annual rainfall of district Khushab is 524 mm (Approx) and rainfall during just in 05 days (i.e. 31.08.2020 to 04.09.2020) is more than twice to that annual rainfall in district Khushab. It was ever high rainfall recorded in the history of district Khushab. This extreme rainfall triggered high-magnitude flash floods from the Salt Range, leading to widespread erosion, flooding of agricultural lands, and damage to local infrastructure. The Mohajir Branch Canal was overtopped at multiple locations, affecting abadies, drains, and irrigation channels. Although the Jhelum River recorded a discharge of 114,604 cusecs at Rasul Barrage, timely flood protection measures helped prevent widespread destruction.

During flood season 2025, flow in River Jhulem D/S Rasul Barrage remained normal and maximum discharge reached up to 43857 Cs. As per as torrential floods are concerned, no major event of rainfall occurred. Some local events of rainfall were reported in Tehsil Quaidabad but situation remained under controlled.

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CHAPTER-4
DESIGNED DATA, HISTORIC PEAK FLOOD DATA AND PREVIOUS FIVE YEARS FLOOD DATA OF HEAD WORKS / BARRAGES AND OR OTHER CONTROL POINTS.

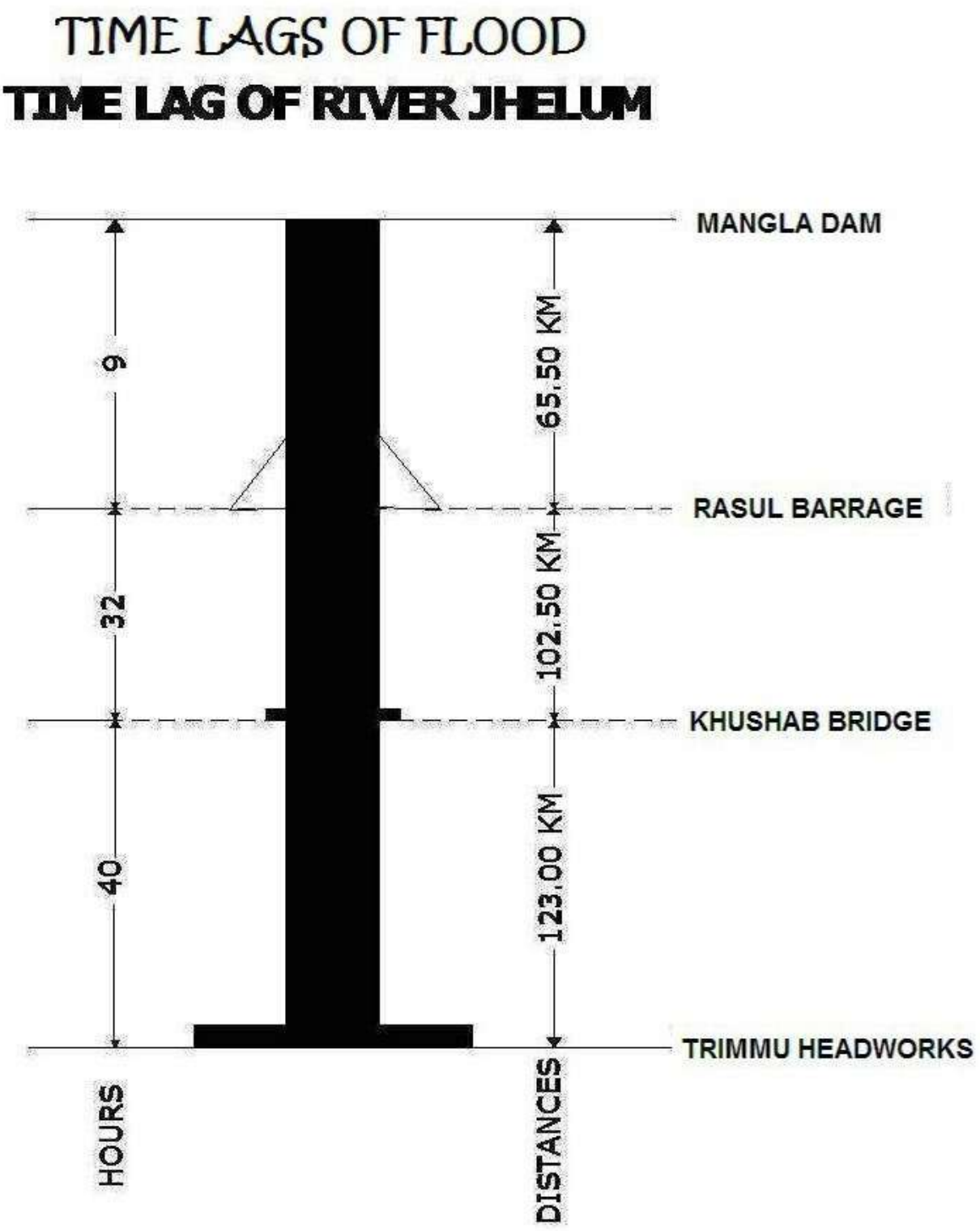
Since no Head work / Barrage falls in the Jurisdiction of Khushab Canal Division, therefore this Division has to become active with discharge gauge at River Jhelum Downstream Rasul Barrage.

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

4.2 Time Lags of Floods



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4.3 Highest Floods:-

Sr.#	Date	Discharge		Remarks
1	10.09.1992	952170-Cfs	D/S Rasul Barrage	No Damage
2	27.08.1997	549598-Cfs	D/S Rasul Barrage	No Damage
3	13.07.2010	233292-Cfs	D/S Rasul Barrage	Guide Wall No. II Jaura Kalan Thati KalakBhan, Tiba Qaim Din, SherGharh
4	06.09.2014	516387-Cfs	D/S Rasul Barrage	No Damage

4.4 Peak Discharge.

Date	Discharge (Cfs) D/S Rasul Barrage	Pond Level (Ft)
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
27-07-2015	99103	718.20
24.06.2016	43135	719.00
30-08-2017	31420	719.10
02.10.2018	58415	719.10
18.06.2019	113929	719.20
28.08.2020	126951	716.80
30.06.2021	53363	719.00
13.10.2022	25050	719.00
08.09.2023	52428	719.00
30.08.2024	67835	719.00
17.07.2025	136079	719.10

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.

- Signaler Khushab Division.
- Electrician Jauharabad Sub Division.
- 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 15.06.2026 to 15.10.2026 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 Deputy Commissioner Officer Khushab to take appropriate remedial measure. A gauge and discharge register shall be maintained in the flood emergency center.

River-in Flood

STAGE-I

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

The Sub Engineers In-charge will shift their camps at Flood Fighting campus Hassan Pur Tiwana, Shair Gharh C.J Link Outfall, Thatti Kalak Bhan (Jaura Kalan).

STAGE-II

ii. 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 In-charge will shift their camps at Flood Fighting campus Hassan Pur Tiwana, Shair Gharh C.J Link Outfall, Thatti Kalak Bhan (Jaura Kalan).

STAGE-III

iii. 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.

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STAGE-IV

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

Day and night watching on structures will be maintained in three shifts. 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 Deputy Commissioner Officer Khushab and Flood Emergency Officer of Sargodha Irrigation Zone Sargodha.

STAGE-V

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

This stage warrants alarming situation. The watching labour will be raised to 5 men per Structures per shift.

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.

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

Hill torrent flood

There are no well established gauges in the catchment area of hill torrent. However the response of department will be followed by the rain flood provided by Pakistan Metrological Department (PMD) and events of rainfall in catchment area of hill torrent.

Day and night watching on structures will be maintained in three shifts. In case of any emergency concerned 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 Deputy Commissioner office Khushab and Flood Emergency Officer of Sargodha Irrigation Zone Sargodha.

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Detail of Hill Torrents.

Sr No.	Hill Torrent Passing Villages	Name of Canal	Location RD:	Calculated Original Design Discharge (cs)
1	Chidru	Mohajir Branch	30+568	420.86
2			45+938	364.09
3			53+267	880.60
4			55+293	406.87
5			58+500	461.52
6			64+000	555.56
7			71+800	1073.53
8	Golewali,		82+465	899.87
9			86+687	73.00
10			94+753	689.90
11			99+267	1114.08
12			100+980	358.39
13			105+900	291.38
14			110+600	337.50
15			112+100	317.44
16			119+100	777.12
17	Rukhle,		123+480	700.00
18	Warcha		125+510	363.98
19			129+054	350.00
20			135+220	1441.06
21			139+760	700.00
22			146+780	1085.29
23	Choha		157+000	450.00
24	Chussu		162+900	351.48
25			167+975	708.56
26	Dhokri		174+475	767.23
27			180+875	1474.19
28			188+770	719.18
29	Jabbi		195+300	450.00
30			198+500	1080.00
31	Phera	Nurewala Disty	7+900	300.00
32			15+000	300.00
33	Kund		23+200	1327.61
34			31+350	1031.16
35	Khaliqabad		40+140	972.87
36			46+000	825.00
37	Waheer,	Dhak Disty	10+150	457.54
38	Nali		15+200	1080.00
39			26+500	700.00
40			38+000	800.00
41			39+800	1452.00

XEN KHUSHAB

CHAPTER-6
FLOOD DAMAGES RESTORATION WORKS.

There are no flood damage restoration works in this Division

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 in-charge of Sub Sectors-01 is Sub Divisional Canal Officers Quaidabad and Sub Sector No. 02 is Jauharabad Sub Division as per following detail:-

Sub Divisional Officer, Quaidabad Canal Sub Division Quaidabad (**In-charge Sub Sector No. 01**)	**Sub Divisional Officer**, Jauharabad Canal Sub Division Jauharabad (**In-charge Sub Sector No. 02**)

The **In-charge Sub Sector No. 01** will monitor the flood fighting/watching activities in the part area of Tehsil & District Khushab relating torrential & flood water.

The **In-charge of Sub Sector No. 02** will monitor flood fighting and watching activities related to river training works and river floods under the jurisdiction of Khushab Canal Division, Khushab.

Structure Wise status of reserve stock of stone

Sr. #	Name of site / location	Reserve Stock Limit	Total Qty available	Balance Quantity	Remarks
1	**Protection of Village Joya & Hamoka.**				Reserve Stock of stone out of total sanction quantity 7.48 Lac Cft, 4.57 Lac Cft Stone is available at Sher Ghar, Tibba Qaim Dain & Jaura Kalan,Thatti Kalan Bhan.
i.	Stud No.1	--	--	Not required	
ii.	Stud No.2	--	--	Not required	
iii.	Stud No.3	--	--	Not required	
2	**Protection of Tibba Qaim Din.**				
i.	J-Head Spur	1.25	1.25		
ii.	Sloping Spur	--			
3	**Protection of C.J Link out fall structure & Village Sher Garh.**				
i.	Guide Wall Spur No.1	1.00	1.00	Not required	
ii.	Guide Wall Spur No.2	0.41	0.41	Not required	
iii.	Guide Wall Spur No.3	0.41	0.41	Not required	
4	**Protection of Jaura Kalan &Thatti Kalak Bhan.**				
i.	Guide Wall Spur No.1	1.50	--	1.50	
ii.	Guide Wall Spur No.II	1.50	1.50	Not required	
iii.	Sloping Spur.	--	--	--	
5	**Protection of Army Installation & Village Sher Garh**				
	Sloping Stud 2 No.	0.24	**--**	0.24	
6	**Protection of Village Hassan Pur Tiwana**				
	Sloping Stud 5 No.	0.22	--	0.22	
7	**Protection of Tetri Village**				
	Apron with E/Pad	0.95	--	0.95	
8	**Safety Bund Mouza Dhokary**			Not required	
G. Total		**7.480**	**4.570**	**2.91**	

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Consolidated status of reserve stock of stone

Reserve stock Limit (cft)	Minimum requirement @70%	Available Quantity (cft)	Balance Quantity(cft)	Remarks
7.480	5.240	4.570	0.670	

Sr.#	Flood Bund	Reach.	Length.
1.	Safety bund for Mouza Dhokary District Khushab	RD: 0-3+200	0.64 mile
		Total:-	**0.64 mile**

i. Normal flood season

At normal flood stage, the water in the River Jhelum and the canal system generally remains within safe limits and does not inundate adjoining low-lying areas. However, continuous monitoring of the canal system is necessary. Therefore, one person per two-mile reach shall be deployed for watching and patrolling duties, in addition to the existing gang staff, to ensure timely detection of any unusual rise in water level or vulnerable condition.

ii. Low Flood

At low flood stage, the water level in the River Jhelum and the canal system remains within the banks and does not pose any immediate threat to adjoining areas. Routine inspection and monitoring of the canal banks, structures, and vulnerable points shall be carried out by the concerned staff. All flood protection arrangements shall remain in readiness to respond promptly in case of any rise in water level.

iii. Medium / High Flood.

At medium or high flood stage, water from the River Jhelum and the canal system may overflow the banks, inundating low-lying areas and affecting nearby abadies. The flow is rapid and intense, with potential for erosion, scouring, and damage to canal and river embankments. Continuous observation of river and canal reaches is essential. Two persons per mile shall be deployed in two shifts, in addition to the existing gang staff, to ensure timely detection of rising water levels and vulnerable locations. Flood protection works, shall be checked and reinforced. Sandbags, machinery, and emergency response teams shall be kept ready for immediate deployment, and critical infrastructure, including bridges, culverts, and canal cross-drainage works, shall be inspected for safety and stability. The In-charges of Sub Sector No. 01 and Sub Sector No. 02 will coordinate these activities in their respective areas, with Sub Sector No. 01 covering Tehsil and District Khushab, and Sub Sector No. 02 monitoring the river training works.

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iv. Very High And Exceptionally High Flood.

At this stage, the Sub Divisional Officer, Quaidabad, will be overall in-charge of all watching and flood fighting activities related to torrential floodwaters. He will manage operations based on site requirements and in consultation with the Deputy District Officer (Revenue), Khushab, and the Assistant Commissioner, Tehsil Quaidabad.

The In-charge of Sub Sector No. 02 will monitor flood fighting and watching activities in the area of Tehsil and District Khushab on the right side of the River Jhelum. For effective surveillance, five persons per mile shall be deployed in three shifts, in addition to the existing gang staff, to ensure timely detection of rising water levels and vulnerable locations. The flood bunds and spurs under the jurisdiction of JBD S/Division are as follows:-

Sr.#	Description	Structure
1.	Protection of village Joya & Hamoka.	3-No. Studs
2.	Protection of Tibba Qaim Din	1-No. J-Head Spur 1-No. Sloping Spur
3.	Protection of C.J Link Outfall	3-No. J-Head Spurs
4.	Protection of Jaura Kalan & Thatti Kalak Bhan.	1-No. Sloping Spur 2-No. Guide Walls 2-No Stud
5	Protection of Tetri Village	1-No. J-Head Spur
6	Protection of Army Installation & Village Sher Garh	2-No. Sloping Spur
7	Protection of Village Hassan Pur Tiwana	5-No. Sloping Spur 1-No. Hockey Stud 1-No. Revetment wall
8	Safety Bund for Mouza Dhokary	Safety Bund

For watching the River Training Works, one beldar shall be employed at each camp in three shifts from 15th June to 15th September. There is no regular establishment on river training works and spurs. The temporary establishment will take care of all necessary preparations, including filling depressions, repairing rain cuts/gharas, clearing slopes up to 10 feet beyond the toe of structures, opening or plugging holes, and other routine maintenance.

- **Normal Flood (Discharge 75,000 Cs – 110,000 Cs)**

During normal flood stage, no additional labor will be employed. The labor already arranged for preparedness will continue their duties as usual. Sub Engineers In-charge will shift their camps to the Flood Fighting campuses at Sher Gharh C.J. Link Outfall and Thati Kalak Bhan (Jaura Kalan) for monitoring purposes.

- **Low Flood (Discharge 110,000 Cs – 150,000 Cs)**

At low flood stage, the floodwater flows within the river banks, and no extra labor will be assigned to structures or flood bunds. However, the labor at each camp will be doubled, i.e., one person per structure on day and night duty. The Sub Divisional Officer, Jauharabad, will relocate his camp to sites where the situation requires and will closely monitor the river action.

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- **Medium/High Flood (Discharge 150,000 Cs – 225,000 Cs)**

During medium or high flood, day and night watching of structures will be maintained in three shifts. In case of any emergency, the Sub Divisional Officer will contact the Executive Engineer, Khushab, and suggest or take necessary flood fighting measures with prior concurrence of the Superintending Engineer, Thal Canal Circle, Mianwali. Close liaison will be maintained with the Flood Centre office of the Deputy Commissioner, Khushab, and the Flood Emergency Officer of the Sargodha Irrigation Zone, Sargodha.

- **Very High and Exceptionally High Flood (Discharge 225,000 Cs and above)**

This stage indicates an alarming situation. Watching labor will be increased to five persons per structure per shift. The Sub Divisional Officer will ensure the telephone system is fully operational so that flood messages can be conveyed promptly to all concerned. The Punjab Police Department (Wireless Control Wing), District Khushab, will provide two wireless stations for installation on the bund and at Khushab Railway Bridge Gauge to communicate gauge readings and other emergency messages to irrigation, civil, and other officers. The Deputy Commissioner and District Police Officer will issue instructions regarding the protection of Khushab District through the police wireless network.

7.2 Watching Establishment.

Sr. No.	Structure Name	Length (Miles)	Flood Limits							
			Normal Flood Season		Low Flood		Medium/High Flood		Very High/ Exp. High	
			Men	Shift	Men	Shift	Men	Shift	Men	Shift
			1 Person/ 2 mile (1 Shift)		1 Person/ mile (1 Shift)		2 Person/ mile (2 Shift)		5 Person/ mile (3 Shift)	
1	Protection of Village Joya & Hamoka	0.090	1	1	1	1	1	2	3	3
2	Protection of Village Hassan Pur Tiwana	0.075								
3	Protection of Tibba Qaim Din.	0.290								
4	Protection of C.J Link out fall structure & Village Sher Garh.	0.420	1		1		2		5	
5	Protection of Army Installation & Village Sher Garh	0.040								
6	Protection of Tetri Village	0.400								
7	Protection of Jaura Kalan & Thatti Kalak Bhan.	0.430	1		1		1		2	
8	Safety Bund Mouza Dhokary	0.640	1		1		1		3	
Total per Shift:-			**4**		**4**		**5**		**13**	
Total			**4**		**4**		**10**		**39**	
No. of Mates			**1**		**1**		**1**		**3**	

Beldars shall be provided with essential hand tools, including one Kassie, one Axe, and one rechargeable torch for night duty. During the normal flood season, the duties

of the staff shall include, but not be limited to, the following:

- Removal of jungle growth and bushes from slopes and the toe of river training works
- Filling of rain cuts/gharas
- Dressing and maintenance of slopes
- Filling of porcupine and rat holes
- Ensuring that the track remains motorable at all times

Note: One Mate shall be provided for each structure.

7.3 Arrangement at Sensitive Sites.

No vulnerable sites exist in Khushab Canal Division. However, Sub Engineers shall establish camps in their respective beats and remain available 24/7 with necessary staff to monitor the system and respond promptly to emergencies. During hill torrent flood conditions, round-the-clock watch and ward shall be maintained in three shifts. In case of emergency, the Sub Divisional Officer shall inform the Executive Engineer, Khushab, and initiate flood-fighting measures with prior concurrence of the Superintending Engineer, Thal Canal Circle, Mianwali, while maintaining liaison with the Deputy Commissioner, Khushab, and Flood Emergency Officer, Sargodha Irrigation Zone

Adequate flood-fighting material and manpower shall be made available at all camps. Work-charge staff shall also be engaged, as required, to supplement the regular establishment according to the situation.

Sr. No.	Structure Name	Length (Miles)	Vulnerable sites		No. of Camps Established Except Vulnerable Points		
					Normal Flood season / Low Flood	Medium / High Flood	Very High/Exp. High Flood
			Reach	No. of Camps	15 Miles	7 Miles	5 Miles
1	RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab.	2.27	--	--	1	--	--
Total			**--**	**--**	1	--	--

7.4 Watching Material

Minimum requirement of flood fighting materials for permanent camp (15 Miles)

Sr. No	Item	Unit	Total Required Qty	Available Qty	Balance Qty	Remarks
1	Shouldari / Tent	No	01	01	--	Flood fighting material is available at Khushab Canal Rest House. The remaining/balance quantity will be procured before the flood season 2026, subject to approval of the Competent Authority.
2	Chairs	No	06	06	--	
3	Table	No	01	01	--	
4	Generator (2-3 KVA)	No	01	01	--	
5	Pedestal Fans	No	01	--	01	
6	Charpois	No	02	01	01	
7	Symbolic Jackets	No	50	--	50	
8	Polyethene Sheet	Kg	100	--	100	
9	Bamboos (4” dia and 10 ft long)	No	100	--	100	
10	Water Coller	No	01	01	--	
11	Portable Umbrella	No	02	--	02	
12	Life Jackets	No	05	05	--	
13	Utensils (10 Person serving)	set	01	01	--	
14	Jute / Plastic Bags	No	1000	200	800	
15	Walke Talkies Set	Set	02	--	02	
16	Raincoats	No	10	--	10	
17	LED flood light	No	10	--	10	
18	Extension Cable (10 ft)	No	02	--	02	
19	Rechargeable torches	No	20	--	20	
20	Kassi	No	20	05	15	
21	Axes	No	20	06	14	
22	G.I Buckets	No	05	--	05	
23	7/44 Cable	Feet	500	--	500	
24	Sutli	Kg	02	02	--	
25	Sewing Needles	No	10	--	10	
26	Emergency Medical Kit	No	01	--	01	
27	Wire crates (3x3x3) at only those camp near river action and reserve stock exists	No	100	--	100	

Minimum requirement of flood fighting materials for temporary camp: (7 or 5 Miles during medium to exceptionally high flood to be outsourced)

Sr. No	Item	Unit	Total Required Qty	Sr. No	Item	Unit	Total Required Qty
1	Shouldari / Tent	No	01	2	Walke Talkies Set	Set	01
3	Chairs	No.	06	4	Raincoats	No	10
5	Table	No	01	6	LED flood light	No	10
7	Generator (2-3 KVA)	No	01	8	Extension Cable (10 ft)	No	02
9	Pedestal Fans	No	01	10	Rechargeable torches	No	20
11	Charpois	No	02	12	Kassi	No	20
13	Symbolic Jackets	No	50	14	Axes	No	20
15	Water Coller	No	01	16	G.I Buckets	No	05
17	Portable Umbrella	No	02	18	7/44 Cable	Feet	500
19	Utensils (10 Person serving)	set	01	20	Sutli	Kg	02
21	Jute / Plastic Bags	No	500	22	Sewing Needles	No	10

Note:-

Material for establishment of temporary camps at 5 to 7 mile intervals during medium to exceptionally high flood conditions shall be procured through outsourcing.

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7.5 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.

7.6 Lighting Arrangement.

For lighting purpose One No. Generator 3500-Watts is available at watching camp, especially on sensitive site of Guide Wall No. II Jaura KalanThatti Kalak Bhan. On other camps generator will be hired from private sources if needed.

7.7 Ration Arrangement.

Ration will be procured from Market on Emergency basis by Khushab Canal Division Khushab.

7.8 P.O.L Arrangement for Vehicle.

P.O.L will be arranged as per sanctioned estimate of Vehicle and already used in Khushab Canal Division, Khushab.

7.9 Transportation.

Due to any emergency, vehicles will be hired locally.

7.10 Law and Order.

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

7.11 Medical Arrangement for Labour.

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

7.12 Liaison with Other Department.

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

7.13 Role of the Army.

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

7.14 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.

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Shift No.	Name of Officials	Cell No.	Time	
			From	To
Shift-1	Muhammad Akram (Signaler)	0306-3968589	07:00 AM	03:00PM
	Ghulam Raza (store coli)	0303-6038584		
Shift-2	Intzar Hussain Shah (Peon)	0327-0446510	03:00 PM	11:00 PM
	Mukhtar Ahmad (Electrician)	0333-9825964		
Shift-3	Nasir (Beldar)	0302-4656866	11:00 PM	07:00 AM
	Javed Iqbal (Beldar)	0306-7282178		
Telephone Number of Telegraph Office Drainage Colony Khushab. ➢ Flood Emergency Center 0454-711847 ➢ Fax No. (Divisional Office) 0454-713747				

7.15 Wireless Arrangements.

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

Deputy Commissioner, Khushab & District Police Officer Khushab 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.

A- Detail of encroachment.

Sr #	Total Encroachment	Removed Encroachment	Remaining Encroachment	Remarks
Nil				

B- Detail of critical encroachment.

Sr #	Total Encroachment	Removed Encroachment	Remaining Encroachment	Remarks
Nil				

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CHAPTER-9
DUTY ROSTER/ FLOOD FIGHTING PROGRAM

The Sub Divisional Officer, Jauharabad and Quaidabad Sub Division after anticipated Hill Torrents discharge coming due to rain fall will contact on Telephone Sub Divisional Officer Kundian, 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. No.	Key Personnel	Designation	Battle Station	Duty Location
1	Sub-Divisional Officer Drainage	Sub Divisional Officer	Khushab	Khushab
2	Sub-Divisional Officer Jauharabad	Sub Divisional Officer	Khushab	Khushab
3	Sub-Divisional Officer Quaidabad	Sub Divisional Officer	Quaidabad	Quaidabad
4	Sub Engineer Gunjial	Sub Engineer	Gunjial	Gunjial
5	Sub Engineer Bandial	Sub Engineer	Gunjial	Gunjial
6	Sub Engineer Wan	Sub Engineer	Head Mohajir Branch	RD 87+000 Mohajir Branch
7	Sub Engineer Dhurian	Sub Engineer	Tail Mohajir Branch	RD 201+700 Mohajir Branch
8	Sub Engineer Nurewala	Sub Engineer	Tail Nurewala Disty	RD 46+400 Nurewala Disty
9	Sub Engineer Mitha Tiwana	Sub Engineer	Head Punja Minor	Head Punja Minor
10	Sub Engineer Khushab	Sub Engineer	Dhak Disty	RD 34+230 Dhak Disty
11	Sub Engineer Hamoka	Sub Engineer	Hadali Disty	RD 56+000 Hadali Disty
12	Sub Engineer Adhi Sargal	Sub Engineer	Link Channel	RD 21+040 Link Channel

The duties of the officers and staff shall be to ensure that torrential floodwater passes through the irrigation network with minimum possible damage. Regular establishment shall be deployed at vulnerable sites, and in case of necessity, additional labour may be engaged on muster roll with the prior approval of the Executive Engineer at such locations. The Sub Divisional Officer (Drainage) shall be responsible for the safe passage of hill torrent floodwater through drains. He shall maintain close liaison with the District Administration, Executive Engineer, and all other Sub Divisional Officers during flood events.

The Executive Engineer shall remain overall in-charge of flood management within the division. He shall ensure coordination among Sub Divisional Officers, maintain liaison with the District Administration, inspect vulnerable sites, ensure availability of resources, and issue timely instructions for regulation or closure of channels. He shall also ensure effective communication and take prompt decisions to minimize damage during flood events.

CHAPTER-10
EMERGENCY TELEPHONE NOS.

Sr. No.	Name of Post/Designation	Head quarter.	Telephone.	
			Office.	Res / Mobile
1	Secretary Irrigation.	Lahore.	042-99212117-1 042-99212118	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	Flood Warning Center.	Lahore.	042-99205371 042-99205372 042-99205373	--
6	Chief Engineer, Irrigation.	Sargodha	048-9230445	–
7	Superintending Engineer Thal Canal Circle.	Mianwali	0459-920181-82	0459-920183
8	D.C	Khushab	0454-920202	0454-720470
9	D.P.O	Khushab	0454-920020	–
10	Executive Engineer, (Operation)	Sargodha	048-9230446	–
11	Executive Engineer, Khushab Division.	Khushab	0454-711747	0321-6636904
12	Sub Divisional Officer	Quaidabad	0454-770367	0332-6635103
13	Sub Divisional Officer	Jauharabad	0454-710334	0300-9608115
14	Sub Divisional Officer Drainage	Khushab	0454-711847	0344-6621617
15	Sub Divisional Officer Mechanical	Khushab	0454-711847	0300-6003042
16	District Chairman.	Khushab	0454-920002-4	0454-720100
17	Canal Telegraph Office.	Khushab	0454-711847	0306-3968589

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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 Training etc.

Not Applicable.

11.5 Detail of Mechanical Means as a Standby Arrangements In Case Of Detonation failure

Not Applicable.

11.6 Duty Roster in Case Of Critical Situation

Not Applicable.

11.7 Breaching Committee with Their Action Plan

Not Applicable.

11.8 List of the Villages Likely To Be Inundated In Case Of Breach

Not Applicable.

11.9 Announcement and Detail of Evacuation Arrangements

Not Applicable.

11.10 Details of Coordination with Civil / Army Authorities

Not Applicable.

11.11 Parallel Communication Arrangements

Not Applicable.

11.12 Index Plan

Not Related.

Executive Engineer,	**Superintending Engineer,**	**Chief Engineer,**
Khushab Canal Division,	Thal Canal Circle,	Sargodha Irrigation Zone
Khushab	Mianwali	Sargodha

CHAPTER-12
VULNERABLE SITES ON FLOOD BUND/ STRUCTURES.

12.1 Apprehended Breach Sites in Flood Bunds/ Structures

Nil

12.2 Operation of Breaching Sections.

Nil

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

Nil

CHAPTER-13
EMERGENCY CONTINGENCY PLAN FOR VULNERABLE SITES

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

Nil.

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

Nil.

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

Nil

13.3.1 Arrangement.

- One (01) Flood Emergency Center has been established at the Telegraph Office of Khushab Canal Division.
- One (01) Flood Fighting Camp has been established at River Training Works to manage riverine as well as torrential flood situations.

13.3.2 Establishment of Flood Fighting Camps.

There are no vulnerable sites in Khushab Canal Division. However, as a precautionary measure, Sub Engineers shall remain stationed at their respective beats with full staff and maintain round-the-clock vigilance over the system. Any abnormality shall be reported immediately to higher authorities and the civil administration for prompt action.

Flood fighting camps shall, however, be established at the following locations as a contingency measure to effectively deal with any emergency situation:

Camp No	Location	Name of Officer, Designation / Mobile No,	Name of Official, Designation / Mobile No,
1	RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab.	Muhammad Neam Javad Sub Divisional Officer 0300-9608115	Rameez Hassan Sub Engineer 0304-6351330

13.3.3 Duties of Officers/ Officials and Their Camp Sites.

Establishment of above mentioned Camps will watch the structures on 24 Hours basis regularly in the flood season & inform the position of river and torrential 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.

Sr #	Location	Name of Officer, Designation / Mobile No,	Name of Official, Designation / Mobile No,
1	RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab.	Muhammad Neam Javad Sub Divisional Officer 0300-9608115	Rameez Hassan Sub Engineer 0304-6351330

13.3.4 Departmental Machinery Available.

Machinery is available in Mechanical 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.

13.3.6 Flood Fighting Material Required.
13.3.7 Flood Fighting Material Available.

Sr No	Item	Unit	Total Required Qty	Available Qty	Balance Qty	Remarks
1	Shouldari / Tent	No	01	01	--	Flood fighting material is available at Khushab Canal Rest House. The remaining/ balance quantity will be procured before the flood season 2026, subject to approval of the Competent Authority.
2	Chairs	No	06	06	--	
3	Table	No	01	01	--	
4	Generator (2-3 KVA)	No	01	01	--	
5	Pedestal Fans	No	01	--	01	
6	Charpois	No	02	01	01	
7	Symbolic Jackets	No	50	--	50	
8	Polyethene Sheet	Kg	100	--	100	
9	Bamboos (4” dia and 10 ft long)	No	100	--	100	
10	Water Coller	No	01	01	--	
11	Portable Umbrella	No	02	--	02	
12	Life Jackets	No	05	05	--	
13	Utensils (10 Person serving)	set	01	01	--	
14	Jute / Plastic Bags	No	1000	200	800	
15	Walke Talkies Set	Set	02	--	02	
16	Raincoats	No	10	--	10	
17	LED flood light	No	10	--	10	
18	Extension Cable (10 ft)	No	02	--	02	
19	Rechargeable torches	No	20	--	20	
20	Kassi	No	20	05	15	
21	Axes	No	20	06	14	
22	G.I Buckets	No	05	--	05	
23	7/44 Cable	Feet	500	--	500	
24	Sutli	Kg	02	02	--	
25	Sewing Needles	No	10	--	10	
26	Emergency Medical Kit	No	01	--	01	
27	Wire crates (3x3x3)	No	100	--	100	

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.

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CHAPTER - 14
ACTION PLAN

14.1 Re-shuffling / recouping plan of reserve stock of stone departmentally.

Sr. No	Name of site/ Location	Sanctioned Limit (cft)	Minimum Requirement i.e. 70% (cft)	Available Quantity (cft)	Remarks
1	Sher Grah	182000	127400	182000	Reserve Stock of stone out of total sanction quantity 7.48 Lac Cft 4.57 Lac Cft Stone is available at Sher Ghar, Tibba Qaim Dain & Jaura Kalan,Thatti Kalan Bhan.
2	Tibba Qaim Din	125000	87500	125000	
3	Jaura Kalan & Thatti Kalan Bhan	300000	210000	150000	
4	Army Installation	24000	16800	-	
5	Hassan Pur Tiwana	22000	15400	-	
6	Village Tetri	95000	66500	-	
Total		**748000**	**523600**	**457000**	
Total in Lac Cft		**7.480**	**5.236**	**4.570**	

14.2 Detail of inlet and outlet crossing along-with closing methodology.

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

14.3 Deployment of machinery (medium to high flood).

Sr. No.	Structure Name	Length (Miles)	Excavators	Trolleys	Dumpers	Tractor with Front blade (1 per 15 mile)
1	At RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab.	0.020	S.E shall allow deputation of one (1) excavator & four (4) Trolleys during low flood at camps / vulnerable points & LMB / RMB.			
Total						

14.4 Deployment of machinery (high to very high flood).

Sr. No	Structure Name	Length (Miles)	Excavators	Trolleys	Dumpers	Tractor with Front blade
			1 per 7 mile	4 per 7 mile	2 per 7 mile	1 per 7 mile
1	At RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab.	0.020	1	2	--	1
Total			**1**	**2**	**--**	**1**

14.5 Deployment of machinery (high to exceptionally high flood).

Sr. No	Structure Name	Length (Miles)	Excavators		Trolleys	Dumpers	Tractor with Front blade	
			Very High Flood	Exp. High Flood	4 per 5 mile	2 per 5 mile	Very High Flood	Exp. High Flood
			1 per 5 mile	2 per 5 mile			1 per 5 mile	2 per 5 mile
1	At RD: 0+000 Guide wall Spur No. I village Sher Garh, D/S C.J Link outfall, District Khushab	0.020	1	2	4	--	1	2
Total			**1**	**2**	**4**	**--**	**1**	**2**

*Chowkidar: 1 per flood camp (24/7) for all flood levels.

*Payment for machinery & work charge employees subject to verification by TPM/consultants.

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	
Muhammad Islam Govt & Co.	0301-6775449	
Atif Mehmood Govt & Co.	0300-6775200	
M Muhammad Aslam	0302-6083725	
Muhammad Atif Khan & Co.	0300-6075200	

14.6 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						

14.7 Detail of synthetic bags with capacity of 50 kg and 100 kg.

Sr #	Description	Required	Available	Remarks
1	Synthetic Bags with capacity 50 KG	1500	--	Required Quantity will be procured before flood season 2026.

2	Synthetic Bags with capacity 100 KG	500	--	

14.8 Detail of polythene sheets of black color to protect upstream slope against wave action and to control seepage through embankment.

Polythene sheets of black color for protecting upstream slopes

Sr #	Description	Required	Available	Remarks
1	Waves and control to seepage (Average 20 FT Width)	1500 Rft	--	Required Quantity will be procured before flood season 2026.

14.9 Any other details as per SOPs approved by the Administrative Department.

SOP's shared vide No. SO(FLOODS)VII-22/2017 dated 26.12.2025 shall be strictly followed.

CHAPTER-15
BACK UP DIVISIONS (IN CASE OF BREACH)

Mianwali Canal Division, Mianwali will be backup Division in case of any damaged of Structure/ Safety Bund.

Executive Engineer,	**Superintending Engineer,**	**Chief Engineer,**
Khushab Canal Division,	Thal Canal Circle,	Sargodha Irrigation Zone
Khushab	Mianwali	Sargodha