GOVERNMENT OF THE PUNJAB

IRRIGATION DEPARTMENT

FLOOD FIGHTING PLAN
FOR THE YEAR 2026

11-05-2026

CHAKBANDI DIVISION LAHORE

LINK CIRCLE
LAHORE

LAHORE IRRIGATION
ZONE, LAHORE

FLOOD FIGHTING PLANS-2026
I N D E X

PART –A

CHAPTER. #	Description	Page #
1	**Salient Feature of the concerned Division.** 1.1 Location 1.2 General Description 1.3 Administrative setup	04-07
2	**Flood Protection and River Training Works** 2.1 Design parameter of Training Works 2.2 Location Map	08-12
3	**Brief History of past flood events**	13-14
4	**Design Data, Historic Peak flood data and pervious five years flood data of Head works/ Barrages and or other control points.** 4.1 Flood Limit 4.2 Time lags of Floods 4.3 Highest Floods 4.4 Peak Discharge.	15-17
5	**Flood Fighting Strategy**	18-19
6	**Flood Damages Restoration Works**	20-21
7	**Flood fighting &Watching Arrangement.** 7.1 Pre-Flood Arrangement 7.2 Watching Establishment 7.3 Arrangement at sensitive sites 7.4 Watching material. 7.5 Arrangement for sounding & Probing 7.6 Lighting Arrangement 7.7 Ration Arrangement 7.8 P.O.L Arrangement for Vehicle. 7.9 Transportation 7.10 Law and order. 7.11 Medical Arrangement for Labour. 7.12Liaison with other Department 7.13 Role of the Army 7.14 Duties of Telephone Attendant. 7.15 Wireless Arrangements.	22-31
8	**Detail of Encroachment**	32-33
9	**Duty roaster/Flood Fighting Program**	34-36
10	**Emergency Telephone Nos.**	37-38
11	**Standard operating procedure (SOP) for Breaching Sections.** 11.1 History of the breaching Section 11.2 Location, Design, Quantity and variety of the explosive required for detonation. 11.3 Arrangement of explosives and security of explosive stores 11.4 List of Security staff along with detail of their training etc . 11.5 Detail of mechanical means as a standby arrangement in case of detonation failure 11.6 Duty Roster in case of critical situation 11.7 Breaching Committee with their action plan 11.8 List of the villages likely to be inundated during various Flood Limits. 11.9 Announcement and detail of evacuation arrangements. 11.10 Detail of coordination with Civil /Army Authorities. 11.11 Parallel communication arrangements. 11.12 Index plan	39-43

PART –B

Chapter. #	Description	Page #
	EMERGENCY CONTINGENCY PLAN (PART-B OF FLOOD FIGHTNG PLAN)	44
12	**FLOOD PREPAREDNESS ACTIVITIES FOR MOONSOON SEASON 2025 OF CHAKBANDI DIVISION LAHORE.** 12.1 : vulnerable sites at BRBD link canal in case of flood emergency in chakbandi division lahore. 12.2 : Operation of breaching section. 12.3 : Breaches due to Rising of Flood water , Deterioration of Flood Bunds. 12.4 Flood stages and operational Responsibilities. 12.5 Consolidated status of reserve stock of stone.	45-47
13	**Emergency Contingency Plan for the vulnerable site (Sites) listed above .Emergency contingency Plan must include:-** 13.1 Plan showing route of flood water coming out of the breach Support with levels. 13.2 Detail of villages abides likely to be affected and this should also be shown on the plan. 13.3. Strategy and action taken be explained in detail. This may include: Detail of villages abides likely to be affected and this should also be shown on the plan. **13.3.1** Arrangements. **13.3.2** Establishment of flood fighting camps. 13.3.3 Duties of officers/Officials and their camp sites. 13.3.4 Departmental Machinery available. 13.3.5 Machinery available from Private source. 13.3.6 Flood Fighting Material required. 13.3.7 Flood fighting Material available. 13.4 Detail of other infrastructure like electric, Sui Gas, telephone installations, road network, other building, canals and drainage networks.	48-54
14	**Action Plan** 14.1 :- Re-Shuffling / Recouping Plan of Reserve Stock Stone Departmentally. 14.2 :- Detail of inlet/outlet crosses along with closing methodology. 14.3 :- Deployment Machinery (Normal to Low Flood). 14.4 :- Deployment Machinery (Medium to High Flood). 14.5 :-Deployment Machinery (Very High to Exceptionally High Flood). 14.6 14.6:-Police Deployment Plan. 14.7:-Detail of synthetic Bags with Capacity of 500). 14.8:- Detail of synthetic Bags with Capacity of 1000 kg). 14.9 Detail of Polythene Sheets of Black color to Protect U/S Slopes against wave action and to control seepage through embankments.	55-76
15	Back Up Division(In Case of breach)	77-78

CHAPTER – 1

SALIENT FEATURES OF THE CHAKBANDI DIVISION.

Page # 04-07

FLOOD FIGHTING PLAN FOR THE YEAR 2026 OF CHAKBANDI DIVISION, LAHORE

CHAPTER – 1

SALIENT FEATURES OF THE CHAKBANDI DIVISION.

1.1 LOCATION:

Chakbandi Division, Lahore of Link Canal Circle, has its headquarter at Canal Bank Road Dharampura, Lahore. It is located in Irrigation Department Building Complex situated along left bank of Lahore Branch Canal between RD 261+000 to 265+000, Tehsil Cantt, and District Lahore.

1.2 GENERAL DESCRIPTION:

Bambanwala Ravi Bedian Depalpur (B.R.B.D) Link Canal off takes from Upper Chenab Canal near Bombanwala Canal Rest House 4 miles south west of Daska town. The upper reach of this canal from RD 0+000 to 178+000 falls in the jurisdiction of Pasrur Link Division Sialkot. The reach below RD 178+000 to 434+000 falls in the jurisdiction of Chakbandi Division Lahore and 435+000 to RD. 537+546 (tail) falls in the jurisdiction of Kasur Division, Kasur.

Previously it was Raya Branch, which was meant to provide irrigation facility to the lands of Sialkot, Gujranwala and Lahore Districts. After independence, it was decided to convert Raya branch into B.R.B.D Link Canal, so that lands across Ravi River may not get dry due to possible stoppage of canal water from Upper Bari Doab Canal System (an off take of Madhopur Head works on River Ravi) and Upper Depalpur Canal system (an off-take of Ferozepur Headworks on River Sutlej).

At the time of planning of this canal, in addition to irrigation facility, another target aimed at was to utilize this canal as first defense line along Indo Pak border. Keeping in view multifold purpose, the alignment of this canal had to be adopted against the natural country slope. As a result, this canal crosses Ravi River through a Syphon. Resultantly, this canal in reach RD. 205+000 to 283+000 is flowing parallel to Ravi River and left bank of canal remains prone to river threats during floods. Left Bank of BRBD Link Canal serve as flood bund from RD. 178+000 to 298+000 i.e. a length of 23 canal miles.

In order to save the canal from River meandering action and flood attacks, a battery of spurs including inverted Hockey Spurs at tail of Jajogil Disty, at R.D 204+805, 215+000,

224+500, 232+000, 241+000, 250+100, 259+000 and 265+000 on left side of B.R.B.D Link Canal have been constructed to keep the River spills away from canal. Similarly a J-Head Spur, Guide wall spur, Tie Bund, Mole Head Extension Bund, Mole Head Diversion Bund and Defense Bund at RD 288+500 left of BRBD Link Canal were constructed to keep the River away from the BRBD Link Canal and these structures also act as Left Marginal Bund of Ravi Syphon and shank Bund at RD 279+500/L of BRBD Link Canal act as Right Marginal Bund of Ravi Syphon.

The most important structure on this canal from operation and defense point of view is the Ravi Syphon where B.R.B.D Link crosses Ravi River through this structure which comprises of 5 # R.C.C. barrels of 10.25' x 10.25' each. This huge structure can be considered as the "life line of BRBD canal" and is of vital importance. The position of allied Training works of Ravi Syphon is also marked on the Plan, river training works attached.

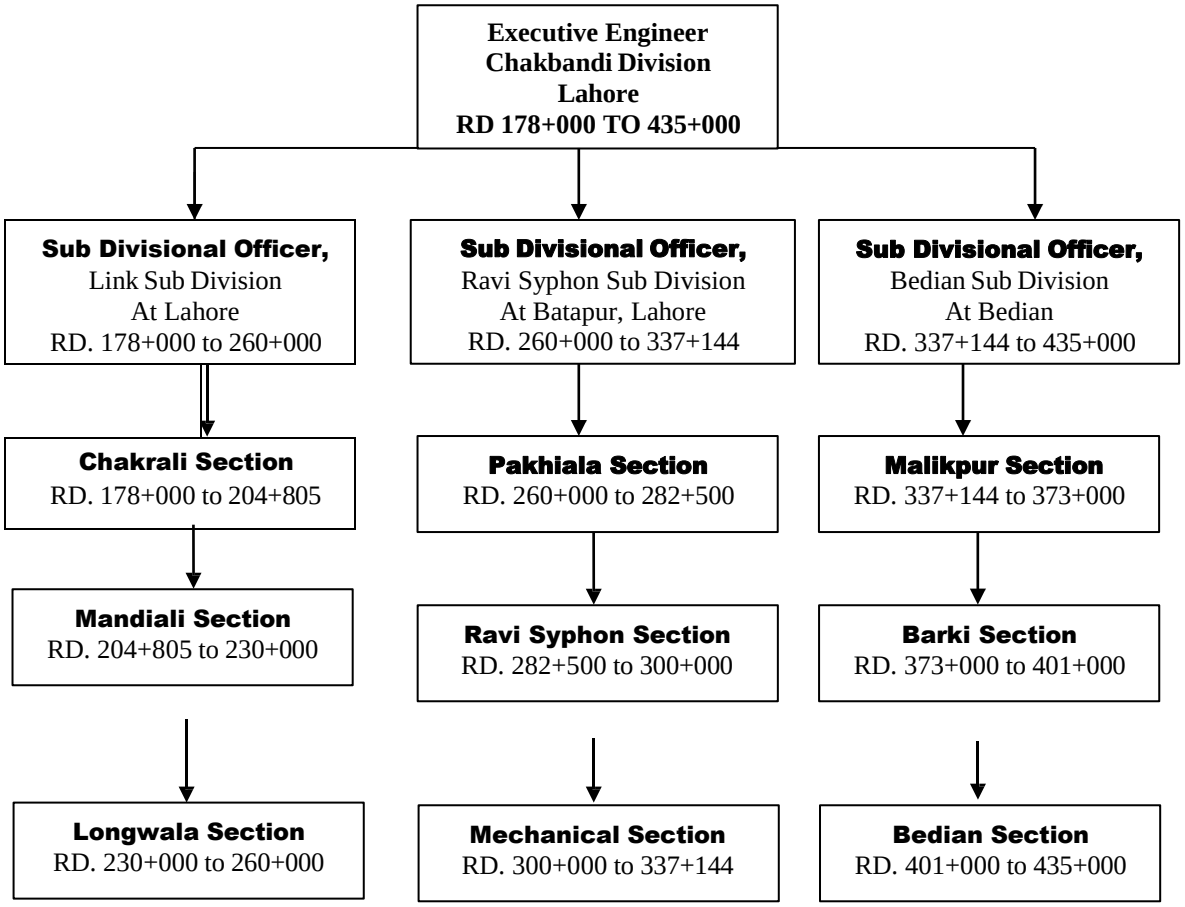
Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

1.3 ADMINISTRATIVE SETUP

Administrative setup of Chakbandi Division Lahore is described below.



Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER NO 2

FLOOD PROTECTION AND RIVER TRAINING WORKS

Page # 08 to 12

Chapter No 2

FLOOD PROTECTION AND RIVER TRAINING WORKS

2.1 DESIGN PARAMETERS OF RIVER TRAINING WORKS.

S.#	RD Of Spur/ Bund /Embankment	Length in Miles	Top R.L	Free Board	Top Width	Side Slope	Depth of Stone	Depth of Spawl	Width of Apron	Depth of Apron	Year of Construction
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21.00 Miles	-	6’	From RD 188+000 to 225+000= 30ft from RD 225+000 to 260+000= 35ft from RD 260+000 to RD300+000=30’	1:3 2:1	-	-	-	-	1952
2	Inverted Hockey Spur at Tail Jajogil Disty	0.80 Mile	740.60	2.0	25	1:3	1.30	0.70	50.0’	5.0’	2004
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile	742.63	6.0	30	1:3	1.30’	0.70	45.0’	5.0’	1952
4	J- Head Spur at RD 205+000/L	0.57 Miles	741.52	2.0’	30.0’	3:1	1.30’	0.70	43.30’	5.0’	1980
5	J-Head Spur at RD 215+500/L	0.79 Miles	743.27	6.0’	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980
6	Extension J-Head Spur at 4400/R of J – Head Spur RD 215+500/L	0.74 Miles	744.25	6.0’	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1994
7	Concave -O- Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles	744.25	6.0’	25.0’	3:1	1.3	0.70’	50.0’	5.0’	2015
8	J Head Spur at RD 224+500	1.22 Miles	740.83	6.0	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980

9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles	740.83	6.0	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980
10	Mole Head Spur at RD 232+000	0.53 Miles	738.50	6.0’	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980
11	Mole Head at RD241+000	0.67 Miles	736.09	6.0’	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980
12	J Head Spur at R.D250+000	0.80 Miles	737	8.2	30.0	3:1	1.30’	0.70’	45.0’	5.0’	1975
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles	742.15	6.0	25.0	3:1	1.30’	0.70’	45.0’	5.0’	1975
14	J Head Spur at RD 259+000	0.70 Miles	736.49	10.0	30.0’	3:1	1.30’	0.70’	45.0’	5.0’	1980
15	J Head Spur at RD:265+000	1.42 Miles	733.49	8.85’	30.0’	3:1	1.30’	0.70’	45.0’	5.0’	1975
16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles	741.39’	6.0’	25.0’	3:1	1.30’	0.70’	45.0’	5.0’	1975
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles	727.0	5.0	30.0’	3:1	1.30’	1.0’	20.0’	6.0’	1952
18	Escape Bund R.D 279+500/R	1.07 Miles	722.0	6.5	20.0’	2:1	1.30’	1.0’	20.0’	-	1952
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles	727.0’	5.0’	30/60	2:1/3:1	1.30’	1.0’	85/46’	6.0’	1952
20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles	727.0’	5.0’	30/60	2:1/ 3:1	1.30’	1.0’	85/46’	6.0’	1952
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles	727.0	5.0’	25.0’	3:1	1.30’	1.0’	45.0’	5.5’	1988
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles	727.0’	5.0’	25.0’	3:1	1.00’	1.00’	50.0’	5.00’	1998
23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles	728.0’	6.0’	25.0’	3:1	1.30’	0.70’	50.00’	5.00’	2014
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles	716.50	0	25.0’	3:1 /2:1	1.00’	1.00’	25.0’	5.00’	1973

25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles	728.00	6.00’	25.0’	3:1 /2:1	1.00’	1.00’	25.0’	5.00’	1973
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles	728.00	6.0’	12.0’	2:1	1.00’	0.70’	20.0’	5.00’	2023

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

2.2. LOCATION MAP

Chapter-3

BRIEF HISTORY OF PAST FLOOD EVENTS

Page # 13-14

Chapter-3

BRIEF HISTORY OF PAST FLOOD EVENTS

The discharge of River Ravi in Chakbandi Division has been is observed at Ravi Syphon RD. 283-285 of BRBD Link Canal which was constructed in 1952.

Highest discharge of 659000 Cs. was observed at this site in the year 1955. Other major floods occurred in the Ravi during years 1950, 1988, 1993, 1995, 1996, 1997 and at discharges 30500,326000,128188 Cs, 25700 Cs, 196080 Cs, 159200 Cs and 220627 Cs respectively. BRBD Link Canal was breached on numerous times at different locations. Besides, J-Head Spur RD 224+500/L of BRBD Link Canal washed during Flood 1995.During Flood season 2013, River action also caused damage to Flood infrastructure at Ravi observation post opposite RD 288+500/L of BRBD Link Canal .Besides, River morphology has abruptly changed in its reach from RD 200+000 to RD 203+000/L to Ravi Syphon RD 283-285 of BRBD Link Canal .River Ravi is drifting rightwards and approaching towards BRBD Link Canal. As a result, flood protection works are to be added opposite RD 188+000/L, RD 215+000/L , RD 288+500/L Besides during Flood 2013,River water flowed parallel to BRBD Link Canal from RD 291+000 to 300+500/L. Outer slope of BRBD Link Canal from RD 288+000/L to RD 291+000 has already been stone pitched . This pitching is required to be extended up to RD 300+000. Furthermore , during historic Flood 2025, River water flowed parallel to BRBD Link Canal from RD 188+000 to 204+805/L with a free Board of only 1.5 ft to 2.0 ft and from RD 205+000 to 282+000/L with a free Board of 4.0ft to 6.0ft at a River Flood discharge of only 220,627 Cs. Therefore, raising of Flood Embankment of BRBD Link Canal from RD 188+000 to 282+760/L has been proposed as per Federal Flood Commission criteria (Flood Level of 1988+6.0 ft Free Board).

There are major damages occurred during the previous Flood 2025 under the jurisdiction of this Division, which has been reported in post Flood report 2025.The restoration works for the Flood damages 2025 has been taken up during the current Financial. The Flood protection structures which were under direct hit of river and serious erosive action of river continued during Flood season has been saved and retained through hectic Flood Fighting which are listed below.

1. Flood Embankment of BRBD Link Canal RD 188+000 to 300+000
2. Spur RD 205+000.
3. J Head Spur RD 215+000
4. J-Head Spur RD 224+000
5. Inverted Hockey Spur at tail of Jajogil Disty.
6. Escape Bund RD 279+500/R
7. RGB of Ravi Syphon at RD 283+000 and LGB of Ravi Syphon at RD 285+000 respectively.
8. J-Head Spur, Guide Wall Spur, Diversion Bund, Mole Head extension Bund, Tie Bund and Defense Bund at Ravi Observation Post opposite RD 288+500/L of BRBD Link Canal .

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER-4

DESIGN DATA, HISTORIC PEAK FLOOD DATA AND PERVIOUS FIVE YEAR.FLOOD DATA OF HEAD WORKS / BARRAGES AND OR OTHER CONTROL POINTS.

Page # 15 to 17

CHAPTER-4

DESIGN DATA, HISTORIC PEAK FLOOD DATA AND PERVIOUS FIVE YEAR.FLOOD DATA OF HEAD WORKS / BARRAGES AND OR OTHER CONTROL POINTS.

4.1 FLOOD LIMITS

The Flood limits of Ravi River at Ravi Syphon are explained below:

RAVI AT RAVI SYPHON

LOW	MEDIUM	HIGH	VERY HIGH	EXCEPTIONAL HIGH
40000 Cs To 65000 Cs	65000 Cs To 90000 Cs	90000 Cs To 135000 Cs	135000 Cs To 180000 Cs	180000 Cs and Above

4.2 TIME LAGS OF FLOODS

River	SITE		Distance in Km	Time Lag Hours
	FROM	TO		
Ravi	Hajipur Gujran	Jassar	94	12
	Jassar	Ravi Syphon	73	18
	Ravi Syphon	Shahdara	24	8

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

4.3. HIGHEST FLOODS

Highest Flood in Ravi River.

Sr. #	Highest Floods	Discharge at Ravi Syphon
1.	1955	659000 Cs

4.4 PEAK DISCHARGES

The Peak Flood discharges of Ravi River during the last 25 years at the Ravi Syphon gauging Point / station are described below.

RAVI SYPHON			
YEAR	**DATED**	**GAUGE**	**DISCHARGE**
1950	25-08.1950	716.00	305000
1955	28-07-1955	722.00	659000
1973	05-09-1973	713.00	201500
1975	18-09-1975	711.90	107200
1976	22-08-1976	710.70	108200
1980	28-09-1980	707.60	105468
1988	27-09-1988	715.70	325040
1993	13-07-1993	706.70	128188
1994	22-07-1994	706.20	101791
1995	06-09-1995	709.80	257000
1996	25-08-1996	708.40	196080
1997	30-08-1997	707.70	159200
2007	30-06-2007	703.40	35200
2011	10-08-2011	702.20	39800
2012	22-08-2012	702.30	40112
2013	18-08-2013	705.20	73551
2014	08-09-2014	693.60	93250
2015	24-09-2015	700.90	39214
2016	29-07-2016	701.45	45081
2017	02-08-2017	701.60	37297
2018	15-08-2018	700.70	37936
2019	19-08-2019	701.20	37936
2020	28-08-2020	700.70	34531
2021	14-07-2021	701.10	37228
2022	17-08-2022	700.00	29890
2023	29-07-2023	698.70	38800
2024	17-08-2024	699.80	28660
2025	28-08-2025	708.25	220627

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER – 5

FLOOD FIGHTING STRATEGY

Page # 19

CHAPTER – 5

FLOOD FIGHTING STRATEGY

1. LOW FLOOD LEVEL STRATEGY: - (40000 Cs to 65000 Cs)

In Case of Low Flood, Flood Camp will be established and watching of Flood Embankments and its allied structures will be started through regular and work charge establishment as per Flood Fighting Plan.

2. MEDIUM FLOOD LEVEL STRATEGY: - (65000 Cs to 90000 Cs)

In case of medium Flood, if erosion on any structure occurs Flood fighting will be started with the help of field establishment.

3. HEIGH FLOOD LEVEL STRATEGY: - (90000 Cs to 135000 Cs)

In case of high flood, action will be taken according to Flood Fighting Plan & instructions of high-ups. Further, it will also be timely reported to all stakeholders i.e "Provincial Disaster Management Authority, C&W Department, Civil administration and Pak Army for Public safety and evacuations as per flood extents which will be shared with all stakeholders before and during flood season for taking necessary action.

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER – 6

FLOOD DAMAGES / RESTORATION WORKS

Page # 21

CHAPTER – 6

FLOOD DAMAGES / RESTORATION WORKS

The following Flood restoration works has been proposed in ADP for long-term and M&R for short term plan for future Flood management and better flood resilience to safeguard the people and public infrastructure from flood havoc.

1. Rehabilitation of escape channel into river Ravi off-taking RD 279+500/R of BRBD Link Canal from RD 0+000 to RD 5+300.
2. Remodeling of right bank of MR Link Canal Downstream outfall RD 313+000 to protect from erosive action of River Ravi near Village Jajogill and Baryar.
3. Restoration of Flood Embankment of BRBD Link Canal RD 188+000 to 283+000 & Spur RD 205+000.
4. Escape Bund RD 204+805/L of BRBD Link Cana , extension J-Head Spur at RD 4400/R of J Head Spur RD 215+500 & Concave-o- Guide wall spur at RD 2000/R of extension J Head Spur RD 215+500/L of BRBD Link Canal.
5. J-Head Spur RD 215+000.
6. Prong at RD 4450/R of J-Head Spur RD 224+500/L of BRBD Link Canal.
7. Inverted Hockey spur at tail of Jajogil Disty.
8. Escape Bund RD 279+500/R.
9. RGB of Ravi Syphon at RD 283+000 and LGB of Ravi Syphon at RD 284+750 respectively.
10. J-Head Spur, Guide wall Spur, Diversion Bund, Mole Head Extension Bund and Defense Bund at Ravi observation Post opposite RD 288+500/L of BRBD Link Canal.

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER – 7

FLOOD FIGHTING / WATCHING ARRANGEMENT

Page # 22 to 31

CHAPTER – 7

FLOOD FIGHTING / WATCHING ARRANGEMENT

7.1 PRE-FLOOD ARRANAGEMENT

The detail of watching materials required at various flood camps along BRBD has been explained below. The deficiency of material has also been worked out. Efforts are being made to fill the gap between requisite quantity and short quantity.

STATUS OF RESERVE STOCK OF STONE.

S.No	Type of Structure with Location.	Sanctioned Reserve Stock of Stone (Lac Cft)	Minimum Required (Lac Cft) (70%)	Available Quantity (Lac Cft)	Balance Qty Required	Remark
1	Flood Embankment from RD 188+000 to 300+000/L of BRBD Link Canal.	-	-	-	-	Balance Qty will be procured before flood season 2026
2	Inverted Hockey Spur at Tail Jajogil Disty	0.200	0.140	-	0.200	
3	Flood Bund Escape channel RD 204+805 of BRBD Link Canal.	1.00	0.70	0.840	0.160	
4	J-Head Spur RD 205+000 BRBD Link Canal.	1.00	0.70	0.155	0.845	
5	J-Head Spur at RD 215+500 BRBD Link Canal.	1.50	1.05	0.209	1.291	
6	Extension of J-Head Spur at RD 4400/R of J-Head Spur 215+500	-	-	-	-	
7	Concave -o-convex wall spur at RD 2+000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal.	1.0	0.70	-	1.00	
8	J-Head Spur at RD 224+500 BRBD Link Canal	1.5	1.05	0.00	1.50	
9	Prong at RD 4450/R of J-Head Spur RD 224+500/L	1.5	1.05	0.00	1.50	
10	Mole Head Spur at RD 232+000 of BRBD Link Canal	1.00	0.70	0.00	1.00	
11	Mole Head Spur at RD 241+000 of BRBD Link Canal.	1.00	0.70	0.082	0.918	
12	J-Head Spur at RD 250+000 of BRBD Link Canal.	1.50	1.05	0.4802	1.02	
13	Prong RD 2000/R of spur RD 250+100//L	-	-	-		
14	J-Head Spur at RD 259+000 of BRBD Link Canal.	1.00	0.70	0.106	0.894	
15	J-Head Spur at RD 265+000/L of BRBD Link Canal	1.500	1.05	1.221	0.279	
16	Prong RD 6200/R of spur RD 265+100/L	-	-	-		
17	Shank Bund at RD 279+500/L of BRBD Link Canal.	1.500	1.05	0.370	1.13	
18	Escape Bund at RD 279+500/R of BRBD Link Canal.	0.500	0.350	0.400	0.100	
19	Right Guide Bund at Ravi Syphon BRBD Link Canal.	2.50	1.75	0.211	2.289	
20	Left Guide Bund at Ravi Syphon BRBD Link Canal.	2.50	1.75	0.00	2.50	
21	J- Spur RD 288+500/L of BRBD Link Canal.	-	-	-		

22	Guide Wall Spur at RD 288+500/L of BRBD Link Canal.	2.50	1.75	0.00	2.50	Balance Qty will be procured before flood season 2026
23	Tie Bund at RD 288+500/L of BRBD Link Canal.	1.00	0.70	0.00	1.00	
24	Diversion Bund opposite RD 288+500/L Upstream Ravi Ravi.	0.350	0.245	0.00	0.350	
25	Mole Head Extension Bund at RD 288+500/L of BRBD Link Canal.	0.200	0.140	-	0.200	
26	Defence Bund at RD 2300 of Mole Head Spur.	-	-	-	-	
	Total:-	**24.750Cft**	**17.325 Cft**	**4.0742 Cft**	20.676 Cft	

Sub Divisional Officer
Link Sub Division
Lahore.

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore.

Executive Engineer
Chakbandi Division
Lahore

7.2 WATCHING ESTABLISHMENT

Sr. No	Structure Name	Length (Miles)	Flood Limits							
			Normal Flood Season		Low Flood		Medium / High Flood		Very High / Exp High Flood	
			Men	1 Shift	Men	Shift	Men	Shift	Men	Shift
			01 Person/02 Mile (01 Shift)		01 Person / Mile (01 Shift)		02 Person / Mile (02 Shift)		05 Person / Mile (03 Shift)	
1	Flood Embankment from RD 188+000 to 300+000/L of BRBD Link Canal.	21.00 Miles	10	1	21	1	42	2	105	3
2	Inverted Hockey Spur at Tail Jajogil Disty	0.80 Mile	0	1	1	1	1	2	4	3
3	Flood Bund Escape channel RD 204+805 of BRBD Link Canal.	1.99 Mile	1	1	2	1	4	2	10	3
4	J-Head Spur RD 205+000 BRBD Link Canal.	0.57 Miles	0	1	1	1	1	2	3	3
5	J-Head Spur at RD 215+500 BRBD Link Canal.	0.79 Miles	0	1	1	1	2	2	4	3
6	Extension of J-Head Spur at RD 4400/R of J-Head Spur 215+500	0.74 Miles	0	1	1	1	2	2	4	3
7	Concave –o-convex wall spur at RD 2+000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal.	0.44 Miles	0	1	1	1	1	2	2	3
8	J-Head Spur at RD 224+500 BRBD Link Canal	1.22 Miles	1	1	1	1	2	2	6	3
9	Prong at RD 4450/R of J-Head Spur RD 224+500/L	0.85 Miles	0	1	1	1	1	2	4	3
10	Mole Head Spur at RD 232+000 of BRBD Link Canal	0.53 Miles	0	1	1	1	1	2	3	3
11	Mole Head Spur at RD 241+000 of BRBD Link Canal.	0.67 Miles	0	1	1	1	1	2	3	3
12	J-Head Spur at RD 250+000 of BRBD Link Canal.	0.80 Miles	0	1	1	1	2	2	4	3
13	Prong RD 2000/R of spur RD 250+100//L	0.19 Miles	0	1	0	1	1	2	1	3
14	J-Head Spur at RD 259+000 of BRBD Link Canal.	0.70 Miles	0	1	1	1	1	2	4	3
15	J-Head Spur at RD 265+000/L of BRBD Link Canal	1.42 Miles	1	1	1	1	2	2	7	3
16	Prong RD 6200/R of spur RD 265+100/L	0.24 Miles	0	1	0	1	1	2	1	3

17	Shank Bund at RD 279+500/L of BRBD Link Canal.	1.042 Miles	0	1	1	1	2	2	5	3
18	Escape Bund at RD 279+500/R of BRBD Link Canal.	1.07 Miles	0	1	1	1	2	2	5	3
19	Right Guide Bund at Ravi Syphon BRBD Link Canal.	0.55 Miles	0	1	1	1	1	2	3	3
20	Left Guide Bund at Ravi Syphon BRBD Link Canal.	0.55 Miles	0	1	1	1	1	2	3	3
21	J- Spur RD 288+500/L of BRBD Link Canal.	0.256 Miles	0	1	0	1	1	2	1	3
22	Guide Wall Spur at RD 288+500/L of BRBD Link Canal.	0.65 Miles	0	1	1	1	1	2	3	3
23	Tie Bund at RD 288+500/L of BRBD Link Canal.	0.44 Miles	0	1	1	1	1	2	2	3
24	Diversion Bund opposite RD 288+500/L Upstream Ravi Ravi.	0.255 Miles	0	1	0	1	1	2	1	3
25	Mole Head Extension Bund at RD 288+500/L of BRBD Link Canal.	0.447 Miles	0	1	1	1	1	2	2	3
26	Defence Bund at RD 2300 of Mole Head Spur.	0.511 Miles	0	1	1	1	1	2	3	3
Total:-			**13**		**43**		**77**		**189**	

ADDITIONAL ESTABLISHMENT

1) Chowkidar – 1 per flood camp (24/7) for all flood levels
2) Gauge reader in 3 Shifts
3) Telephone attendant

NOTE:- Additional establishment will be engaged on three shift bases in case of high flood or beyond.

Sub Divisional Officer
Link Sub Division
Lahore

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore

Executive Engineer
Chakbandi Division
Lahore.

7.3 ARRANGEMENT AT SENSITIVE SITES

Spur RD 215+000 and 224+000, Diversion Bund near Ravi Post and the Ravi Syphon are the sensitive sites. Flood watching / fighting camp is provided over there with all logistics. The watching material from the flood camps described below will be shifted as and when required at the above stated sites.

According to the report of committee for finalization of machinery & Human Resource Requirements for Flood Fighting Plan (FFP) and Para IX of recommendations which is reproduced as" The Trigger Point Upstream of a Canal Division for commencing preparations shall be mentioned in the Flood Fighting Plan and it shall be such point upstream with lag time of 03 days / 72 Hours. The Division shall initiate preparation corresponding to discharge magnitude expected to receive at their jurisdiction with respect to discharge at trigger point with 2025 flood data " and for Chakbandi Division Lahore for establishing camps the trigger point is declared as Kot Nainan in Narowal Flood Bund Division Narowal.

ESTABLISHED CAMPS DETAILS

Sr. No	Structure Name	Length (Miles)	Vulnerable Sites		No of Camps established except Vulnerable Points		
			Reach	No of Camps	Normal Flood Season / Low Flood	Medium / High Flood	Very High / Exp High Flood
					15 Miles	7 Miles	05 Miles
1	Flood Embankment of BRBD Link Canal from RD 188+000 to 300+000/L	21 Miles	188+000 to 300+000/L	1	1	3	4
2	Escape Bund RD 204+805	1.99 Miles	204+805	1	0	0	0
3	J-Head Spur RD 215+5000, Extension Spur at 4400/R of J-Head Spur 215+500& Concave –O-Convex Guide Wall Spur at RD 2000/R of Extension of J-Head Spur 215+500.	3.00 Miles	215+500	1	0	0	0
4	J-Head Spur RD 224+500& Prong at RD 4450/R of Old J-Head Spur RD 215+500	2.07 Miles	224+500	1	0	0	0
5	Spur Shank Bund RD 279+500/L	1.07 Miles	279+500/R	1	0	0	0
6	RGB of Ravi Syphon at RD 283+000 respectively.	0.55 Miles	283+000	1	0	0	0
7	LGB of Ravi Syphon at RD 285+000 respectively.	0.55 Miles	285+000	1	0	0	0
8	J-Head Spur, Guide wall Spurs, Diversion Bund, Mole Head extension Bund, Tie Bund and Defense Bund at Ravi Observation Post opposite RD 288+500/L of BRBD Link Canal	3.00 Miles	288+500/L	1	0	0	0
Total: -				**8**	**1**	**3**	**4**

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

7.4 WATCHING MATERIAL: -
MINIMUM APPROVED QUANTITY OF FLOOD FIGHTING MATERIAL FOR PERMANENT CAMPS (15 MILES).

Sr. No.	Items	Unit	Required Quantity	Available Qty	Balance Qty	Remarks
1	Shouldari/Tent	No	01	0	01	Balance Quantity will be purchased before flood 2026
2	Chairs	No	06	0	06	
3	Table	No	01	0	01	
4	Generator (2-3 KVA)	No	1	0	1	
5	Pedestal Fans	No	1	0	1	
6	Charpois	No	02	0	02	
7	Symbolic Jackets	No	50	0	50	
8	Polyethylene Sheet	Kg	100	0	100	
9	Bamboos (4" dia and 10 ft long)	No	100	0	100	
10	Water Cooler	No	01	0	01	
11	Portable Umbrella	No	02	0	02	
12	Life Jacket	No	05	0	05	
13	Utensils (10 person serving)	No	01	0	01	
14	Jute/Plastic bags	No	1000	0	1000	
15	Walkie Talkie Set	Sets	02	0	02	
16	Raincoats	No	10	0	10	
17	LED flood light	No	10	0	10	
18	Extension Cable (10 ft)	No	02	0	02	
19	Rechargeable torches	No	20	0	20	
20	Kassi	No	20	0	20	
21	Axes	No	20	0	20	
22	G.I. Buckets	No	05	0	05	
23	7/44 cable	Feet	500	0	500	
24	Sutli	Kg	02	0	02	
25	Sewing Needles	No	10	0	10	
26	Emergency Medical Kit	No	01	0	01	
27	Wire crates (3x3x3) (only at those camps near river action and where reserve stock exists)	No	100	0	100	

Minimum requirement of Flood Fighting Material for the Temporary Camp:
(7 or 5 miles during medium to exceptionally high flood to be outsourced)

Sr. No.	Items	Unit	Required Quantity	Remarks
1	Shouldari / Tent	No	01	Balance Quantity will be purchased before flood 2026
2	Walke Talkie Set	Sets	01	
3	Chairs	No	06	
4	Raincoats	No	10	
5	Table	No	01	
6	LED Flood light	No	10	
7	Generator (2-3KVA)	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 Cooler	No	01	
16	G.I Buckets	No	05	
17	Portable umbrella	No	02	
18	7/44 cable	Feet	500	
19	Utensils (10 person serving)	No	01	
20	Sutli	Kg	02	
21	Jute/Plastic bags	No	500	
22	Sewing Needles	No	10	

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

7.5 ARRANGEMENT FOR SOUNDING & PROBING

Sounding / Probing rods and boats are available at Ravi Syphon RD. 285+000 of BRBD Link Canal.

7.6 LIGHTING ARRANGEMENT

Two (02) No. Generator are available in case of non-availability of electricity of failure. Further, in case of Flood then generator will be engaged as per Flood Fighting Plan and torch will be provided at watching sites as per Flood Fighting Plan.

Sub Divisional Officer Link Sub Division Lahore .	**Sub Divisional Officer** Ravi Syphon Sub Division Lahore .	**Executive Engineer** Chakbandi Division Lahore.

7.7 RATION ARRANGEMENT

Ration would be made available at site.

7.8 POL ARRANGEMENT FOR VEHICLES

Normal "POL" charges will be utilized for government vehicles, extra demand would be raised for the protection of flood affected population, if required.

7.9 TRANSPORTATION

All Government vehicles would be deputed on flood duty round the clock.

7.10 LAW AND ORDER

It is the responsibility of local police and PERA Force which would be intimated for deployment during Flood period as per Flood Fighting Plan.

7.11 MEDICAL ARRANGEMENT FOR LABOUR

1st Aid / medicine boxes would be arranged at site. Health Department would also be requested to help.

7.12 LIAISON WITH OTHER DEPARTMENTS

It would be ensured telephonically through official land line and private mobile numbers.

7.13 ROLE OF THE ARMY

Besides arrangements of watching staff by Irrigation Department, additional 100 volunteers will be requisitioned from the Pak Army on special request for deployments at sensitive sites and coordination with irrigation Department to mitigate Flood damages to irrigation as well as strategic infrastructure. They will also take position for the rescue of the persons and livestock of flood affected areas on request of the Department.

7.14 DUTIES OF TELEPHONE ATTENDANT

He will record daily discharges at various control points and convey important information and messages to all concerned quarter etc.

7.15 WIRELESS ARRANGEMENTS

Base station at Ravi Syphon camp installed by Punjab Police District Sheikhupura and mobile wireless system in Government vehicles would be installed during Flood season.

Sub Divisional Officer	**Sub Divisional Officer**	**Executive Engineer**
Link Sub Division	Ravi Syphon Sub Division	Chakbandi Division
Lahore .	Lahore .	Lahore.

CHAPTER – 8

DETAIL OF ENCROACHMENTS

Page # 32-33

CHAPTER – 8
DETAIL OF ENCROACHMENTS

There is no encroachment on any of the Flood embankments / spurs in this Division. All the bridges, culverts, waterways, crossing, syphon's etc falling in the jurisdiction of this Division are clear for passage of flood water and there are no obstructions in the flow of water.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER – 9
DUTY ROSTER / FLOOD FIGHTING PROGRAM

Page # 34-36

CHAPTER – 9
DUTY ROSTER / FLOOD FIGHTING PROGRAM

The details of duty roster/battle station of key personnel during high flow have been given on next page attached.

B E A T No. 1.

Name of SDO: Sajid Mehboob Watto Link Sub Division Cell No (0306-5299422)

B.R.B.D Link R.D 178+000 to 205+000.

In charge of beat: Muhammad Naveed Shafi Sub Engineer Chakrali Section (BRBD RD178+000 to 205+000) (Mob: No 0342-1688585)

Camp Head Quarter: R.D 204+805 B.R.B.D Link.

(The deficient staff will be provided by the contractor Govt)

1) Escape Bund RD 204+805/L Chakrali
2) Spur R.D 205/L of B.R.B.D Link.

i. Regulation Baldar 6 No
ii. Baldar As per attached details
iii. Head Jamadar 1 No

B E A T No. 2.

Name of SDO :- Sajid Mehboob watto Link Sub Division Cell No (03065299422)

1. B.R.B.D Link R.D 205-230
2. Spur R.D 215/L of B.R.B.D Link
3. Spur R.D 224+500/L of B.R.B.D Link

In charge of beat: Fawad Rafique Sub Engineer (Mob: No.03421688585)

Camp Head Quarter R.D 216+500 of B.R.B.D Link.

(The deficient staff will be provided by the contractor Govt)

i. Regulation Baldar 12 No
ii. Baldar As per attached details
iii. Earthwork Mistary 1 No

B E A T No. 3.

Name of SDO :- Sajid Mehboob Watto Link Sub Division Cell No (03065299422)

1. Flood Embankment BRBD Link RD 230-260
2. Spur RD 232/L BRBD Link Canal.
3. Spur RD 241/L of BRBD Link Canal.
4. Spur RD 250+100/L of BRBD Link Canal.
5. Spur RD 259/L of BRBD Link Canal.

In Charge of Beat: Muhammad Naveed Shafi Sub Engineer (Mob: No.03433263012)

Camp Head Quarter R.D 260+000 B.R.B.D Link.

(The deficient staff will be provided by the contractor Govt)

i. Regulation Baldar 6 No
ii. Baldar As per attached details
iii. Earthwork Mistry 1 No

Sub Divisional Officer	**Sub Divisional Officer**	**Executive Engineer**
Link Sub Division	Ravi Syphon Sub Division	Chakbandi Division
Lahore	Lahore	Lahore

B E A T No. 4.

Name of SDO:- Muhammad Hassan Javed - Ravi Syphon Sub Division (0300-4763508)

1. Flood Embankment BRBD Link RD 260+000 to 283+000
2. Spur R.D 265/L B.R.B.D link with Prong.
3. Shank bund RD 0-32000 with Spur at RD 1900, 2500 and 3200
4. Right Guide bund.
5. Escape bund 279+500/R B.R.B.D Link.

In Charge of Beat: Azam Ali - Pakhiala Section Sub Engineer.(03227218487)

Camp Head Quarter at R.D 282+760 B.R.B.D Link.

(The deficient staff will be provided by the contractor Govt)

i. Regulation Baldar 6 No
ii. Baldar As per attached details
iii. Earthwork Mistary 1 No

B E A T No.5.

Name of SDO:- Muhammad Hassan Javed - Ravi Syphon Sub Division (0300-4763508)

BRBD Link Canal RD 285+000 to 301+000

1. Left Guide Bund of Ravi Syphon.
2. J-Spur at RD 288+500/L B.R.B.D Link.
3. Guide Wall Spur. RD 288+500 BRBD Link Canal.
4. Tie Bund +Diversion Bund +Mole Head Extension Bund + Defence Bund Opposite RD 288+500 BRBD Link Canal.
5. Solid Stone Studs and circular portion at Ravi Post.

In Charge of Beat: Ghulam Muhammad Ghous - Ravi Syphon Sub Engineer

(Mob: No 03004577915)

Camp Head Quarter at RD 285+000 D/S of Ravi Syphon.

(The deficient staff will be provided by the contractor Govt)

i. Regulation Baldar 06 No
ii. Baldar As per attached details
iii. Earthwork Mistry + Regulation Jamadar +Mate 02 No. Each

Camp Head Quarter at RD 288+500 D/S of Ravi Syphon

i. Regulation Baldar 10 No
ii. Baldar As per attached details
iii. Earthwork Mistry + Regulation Jamadar +Mate 02 No. Each

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER – 10

EMERGENCY TELEPHONE NUMBERS

Page # 38

CHAPTER – 10

EMERGENCY TELEPHONE NUMBERS

TELEPHONE NUMBERS OF FLOOD CONCERNED OFFICER / OFFICIALS

DISTRICT LAHORE AREA CODE "**042**".

S.NO	NAME	OFFICE NUMBER	PERSONAL NUMBER
1	**Mr. Rashid Minhas** Chief Engineer, Irrigation Lahore Zone, Lahore	99212085 99212086 99212086 **Fax**	0300-4017310
2	Chief Engineer Drainage & Flood	992030602	-
3	**Mr.Muddaser Rehan** Superintending Engineer, Link Circle, Lahore	99250310 99250308	0322-5543633
4	**Mr.Muhammad Faizan** Executive Engineer Operation, Lahore.	99212089	03324537393
5	**Mr. Muhammad Numan** Executive Engineer Chakbandi Division, Lahore.	99250312 99250313	0300-4503037
6	**Director Flood/ Secretary Flood Commission, Lahore.**	99231614	-
7	**Flood Warning Center**	99205371 99205372 Fax	-
8	**Programme Monitoring Implementation Unit** (PMIU) Lahore.	99213595-97	-
9	**PMO Barrages**	99250351	-
10	**D.C.O Lahore.**	99211003 99211004	-
11	**District Police Officer**	99200897	-
12	**Executive Engineer Wapda** Shalimar Division, Lahore.	99250046 99250047 Fax	-
DISTRICT SHEIKHUPURA AREA CODE "056"			
13	**Xen Wapda (Muridke) Sheikhupura**	3406053	-
14	**Xen Telephone, Sheikhupura**	9200285	-
SUB DIVISIONAL OFFICERS / SUB ENGINEERS IN CHAKBANDI DIVISION, LAHORE.			
17	**Mr. Sajid Mehboob Wattoo** Sub Divisional Officer Link Sub Division, Lahore.	99250312 99250313	0306-5299422
18	**Naveed Shafie** Sub Engineer Chakrali Section	99250312 99250313	03433263012
19	**Fawad Rafique** **Sub Engineer** Mandiali Section.	99250312 99250313	0342688585
20	**Naveed Shafie** Sub Engineer. Longwala Section.	99250312 99250313	0345-3263012
21	**Mr. Muhammad Hassan Javed** Sub Divisional Officer Ravi Syphon Sub Division, Lahore.	99250312 99250313	0300-4763508
22	**Azam Ali** Sub Engineer Pakhiala Section	99250312 99250313	0322-7218487
23	**Ghulam Muhammad Ghous** Sub Engineer Ravi Syphon Section	-99250312 99250313	0300-4577915

CHAPTER – 11

STANDARD OPERATING PROCEDURE(SOP) FOR BREACHING SECTIONS

PAGE # 40-43

CHAPTER – 11

STANDARD OPERATING PROCEDURE(SOP) FOR

BREACHING SECTIONS

There is no breaching section in Chakbandi Division.

11.1 HISTORY OF THE BREACHING SECTION.

Not Applicable.

11.2 LOCATION, DESIGN, QUANTITY AND VARIETY OF THE EXPLOSIVE REQUIRED FOR DETONATION.

Not Applicable.

11.3 ARRANGEMENT OF EXPLOSIVES AND SECURITY OF EXPLOSIVE SORES.

Not Applicable

11.4 LIST OF THE SECURITY STAFF ALONGWITH DETAIL OF THEIR TRAINING ETC.

Not Applicable

11.5 DETAIL OF MECHANICAL MEANS AS A STANDBY ARRANAGMENTS 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.

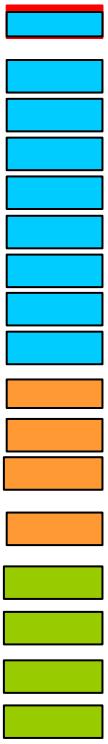
Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

11.8 LIST OF THE VILLAGES LIKELY TO BE INUNDATED DURING VARIOUS FLOOD LIMITS

Jandiala Kalsan
Baryar Kuhna.
Baryar Nau.
Kotli Virk Baryar.
Mandiali
Longwala.
Kotli Piran.
Miani.
Rajpura.
Satrayan.
Passianeala.
Chak Dhedho.
Aulia Piran.
Nangal Waris Khan.
Meerowal.
Shattab Garh.
Kajlay.



L E G E N D		
1.	Exceptionally High Flood	
2.	High Flood	
3.	Medium Flood	
4.	Low Flood	

11.9 ANNOUNCEMENT AND DETAIL OF EVACUATION ARRANGEMENT

All announcements regarding evacuation will be made through District Government by electronic media radio, local Mosque and Loud speaker etc.

11.10 DETAIL OF COORDINATION WITH CIVIL / ARMY AUTHORITIES

Army and civil Authorities will be communicated for evaluation as per Flood Limits of River Ravi at Ravi Syphon and extents of Flood will be communicated prior to Flood season as well as during Flood in River Ravi.

11.11 PARALLEL COMMUNICATION ARRANGEMENTS

All communication will be made on wireless, special messengers and telephones mobile phones etc.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

11.12 INDEX PLAN

ATTACHED.

FLOOD FIGHTING PLAN FOR THE YEAR 2026

PART-B.

Executive Engineer
Chakbandi Division
Lahore

Superintending Engineer
Link Circle, Lahore

Chief Engineer
Irrigation Lahore Zone
Lahore

GOVERNMENT OF THE PUNJAB

IRRIGATION DEPARTMENT

EMERGENCY CONTINGENCY PLAN

(PART – B OF FLOOD FIGHTING PLAN)
OF
CHAKBANDI DIVISION
FOR

THE YEAR 2026

LINK CIRCLE,
LHORE

LAHORE IRRIGATION
ZONE, LAHORE

CHAPTER-12

FLOOD PREPAREDNESS ACTIVITIES FOR MOONSOON SEASON 2026 OF CHAKBANDI DIVISION LAHORE.

PAGE 45 TO 47

CHAPTER-12

FLOOD PREPAREDNESS ACTIVITIES FOR MOONSOON SEASON 2026 OF CHAKBANDI DIVISION LAHORE.

12.1 VULNERABLE SITES AT BRBD LINK CANAL IN CASE OF FLOOD EMERGENCY IN CHAKBANDI DIVISION LAHORE.

In the case of Flood situation, following locations / sites may require Flood Fighting as per emergency Flood contingency Plan.

1. Flood Embankment of BRBD Link Canal from RD 188+000 to 300+000/L
2. Escape Bund RD 204+805.
3. J-Head Spur RD 215+5000, Extension spur at 4400/R of J-Head Spur 215+500 & Concave – O-Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500.
4. J-Head Spur RD 224+500 & Prong at RD 4450/R of Old J-Head Spur Rd 224+500/.
5. Shank Bund RD 279+500/L.
6. RGB of Ravi Syphon at RD 283+000
7. LGB of Ravi Syphon at RD 285+000 respectively.
8. J-Head Spur, Guide wall Spurs, Diversion Bund, Mole Head extension Bund, Tie Bund and Defense Bund at Ravi Observation Post opposite RD 288+500/L of BRBD Link Canal.

Note: Superintending Engineer (SE) will notify all vulnerable sites as per recommendation of Executive Engineer.

12.2 OPERATION OF BREACHING SECTION

Not applicable

12.3 BREACHES DUE TO RISING OF FLOOD WATER , DETERIORATION OF FLOOD BUNDS ETC.

Not Applicable.

12.4 FLOOD STAGES AND OPERATIONAL RESPONSIBILITIES.

STAGE-1

RIVER RAVI DISCHARGE LIMIT	**LOW- MEDIUM** **40000 Cs to 65000 Cs**
Operational in Charge	**Sub Divisional Officer Link Sub Division Lahore** **Sub Divisional Officer Ravi Syphon Sub Division Lahore**

Supervisory Staff

S.No	Name of Official	Location
1	Sub Engineer Chakrali	RD 178+000 to 204+805
2	Sub Engineer Mandiali	RD 204+805 to 230+000
3	Sub Engineer Longwala	RD 230+000 to 260+000
4	Sub Engineer Pakhiala	RD.260+000 to 282+750
5	Sub Engineer Ravi Syphon	RD 282+750 to 301+000

STAGE-2

RIVER RAVI DISCHARGE LIMIT	**LOW- MEDIUM** **65000 Cs to 90000 Cs**
Operational in Charge	**Sub Divisional Officer Link Sub Division Lahore** **Sub Divisional Officer Ravi Syphon Sub Division lahore**

Supervisory Staff

S.No	Name of Official	Location

1	Sub Engineer Chakrali	RD 178+000 to 204+805
2	Sub Engineer Mandiali	RD 204+805 to 230+000
3	Sub Engineer Longwala	RD 230+000 to 260+000

4	Sub Engineer Pakhiala	RD.260+000 to 282+750
5	Sub Engineer Ravi Syphon	RD 282+750 to 301+000

STAGE-3

RIVER RAVI DISCHARGE LIMIT	**LOW- MEDIUM** **90000 Cs to Maximum**
Operational in Charge	**Sub Divisional Officer Link Sub Division Lahore** **Sub Divisional Officer Ravi Syphon Sub Division lahore**

Supervisory Staff

S.No	Name of Official	Location
1	Sub Engineer Chakrali	RD 178+000 to 204+805
2	Sub Engineer Mandiali	RD 204+805 to 230+000
3	Sub Engineer Longwala	RD 230+000 to 260+000
4	Sub Engineer Pakhiala	RD.260+000 to 282+750
5	Sub Engineer Ravi Syphon	RD 282+750 to 301+000

Following arrangements will be made

1. Oiling & Greasing to all the machinery of Head regulators will be carried out prior to Flood Season.
2. Repair/ Raising of Flood Protection Bund Cum Flood Embankment / Left Bank of BRBD Link Canal in this Division is under execution.
3. Purchase of Flood Fighting Material is under process.
4. Pre-Flood inspections of Flood Bunds will be carried out by the joined committee of Department, Army and Civil Administration as per schedule.
5. Pre-Flood meeting will be conducted with concerned District and Army Authorities as per schedule.

12.5 CONSOLIDATED STATUS OF RESERVE STOCK OF STONE

SR.NO	DIVISION	SANCTIONED QTY (IN LAC CFT)	MINIMUM REQUIRED QTY (IN LAC CFT)	AVAILABLE QTY (IN LAC CFT)	REMARKS
1	Chakbandi Division Lahore	24.750 Lac Cft	17.325 Lac Cft	4.0742 Lac Cft	-

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

CHAPTER-13

EMERGENCY CONTINGENCY PLAN FOR THE VULNERABLE SITE (SITES) LISTED ABOVE EMERGENCY CONTINGENCY PLAN MUST INCLUDE.

PAGE 48 TO 54

CHAPTER-13

EMERGENCY CONTINGENCY PLAN FOR THE VULNERABLE SITE (SITES) LISTED ABOVE EMERGENCY CONTINGENCY PLAN MUST INCLUDE.

13.1 PLAN SHOWING ROUTE OF FLOOD WATER COMING OUT OF THE BREACH SUPPORT WITH LEVELS.

Not Applicable

13.2 DETAIL OF VILLAGES ABADIES LIKELY TO BE EFFECTED AND THIS SHOULD ALSO BE SHOWN ON THE PLAN.

Plan Attached.

VILLAGES.

Wiruke, Daud Khas , Daud , Raya , Rayya , Daiwala , Saiyidan , Rayya Khas , Faizpur , Kalan, Nangal Waris Khan , Shahkot ,Gil, DairwalaShahpur ,Mirowal Chand , Nawan , Kot Kangra , Rajpura , Satraahian Ramaidian ,Mandhiali , Passianwali, Sharifpur , Mandiali, ChakTelian ,Jandiala , ,Jandiala Kalsan, auilapur, Nain, Umarpura, Dode ,Meet Chak, Masti Chak,Maqbulpur , BHoke Kama, Ghazi Kakka , Jhangi .Talwara , Shekan, Yahya Nagar.

13.3. STRATEGY AND ACTION TAKEN BE EXPLAINED IN DETAIL. THIS MAY INCLUDE:

13.3.1 ARRANGEMENTS.

Not Applicable

13.3.2 :- **ESTABLISHMENT OF FLOOD FIGHTING CAMPS.**

The **09 No. camps** will be established as per detail given at Page no 20.

13.3.3 :- DUTIES OF OFFICERS / OFFICIALS AND THEIR CAMPS SITES.

Sr.no	Name of Officer /official with Designation	Camp Head	Contact No
1	**Mr. Sajid Mehboob Watto** SDO Link Sub Division	Camp from Sr.No 01 to 04 on Page 27	03065299422
i.	**Muhammad Fawad** Sub Engineer Mandiali Section		03424688585
Ii	**Naveed Shafie** Sub Engineer Chakrali Section		03424688585
Iii	**Naveed Sahfie** Sub Engineer Longwala Section		0343-3263012
2	**Mr. Muhammad Hassan Javed** SDO Ravi Syphon Sub Division	Camp from Sr.No.05 to 08 on Page 27	0300-4763508
i	**Azam Ali** Sub Engineer Pakhiala Section		0322-7218487
ii	**Ghulam Muhammad Ghous** Sub Engineer Ravi Syphon Section		0300-4577915

13.3.4 DEPARTMENTAL MACHINERY AVAILABLE.

Not Available

13.3.5 MACHINERY AVAILABLE FROM PRIVATE SOURCE.

Name of owner:	Aman-ullah-Khan
Contact No.	0342 – 5706773
Location.	Ghazi Kakka, Ravi Syphon.
Excavator Machine	= 06 No's in Link Sub Division
	=05 No's in Ravi Syphon Sub Division

Tractor with Front Blade = 05 No.

Tractor with Trolleys = 12 No's in Link Sub Division Lahore
= 10 No's in Ravi Syphon Sub Division Lahore

(Deployment will be made as per Flood limits and contingency plan of this Division as tabulated below for various limits).

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

13.3.6 : FLOOD FIGHTING MATERIAL REQUIRED

13.3.7 FLOOD FIGHTING MATERIAL AVAILABLE

Sr. No.	Items	Unit	Required Quantity	Available Qty	Balance Qty	Remarks
1	Shouldari/Tent	No	01	0	01	Balance Quantity will be purchased before flood 2026
2	Chairs	No	06	0	06	
3	Table	No	01	0	01	
4	Generator (2-3 KVA)	No	1	0	1	
5	Pedestal Fans	No	1	0	1	
6	Charpois	No	02	0	02	
7	Symbolic Jackets	No	50	0	50	
8	Polyethylene Sheet	Kg	100	0	100	
9	Bamboos (4" dia and 10 ft long)	No	100	0	100	
10	Water Cooler	No	01	0	01	
11	Portable Umbrella	No	02	0	02	
12	Life Jacket	No	05	0	05	
13	Utensils (10 person serving)	No	01	0	01	
14	Jute/Plastic bags	No	1000	0	1000	
15	Walkie Talkie Set	Sets	02	0	02	
16	Raincoats	No	10	0	10	
17	LED flood light	No	10	0	10	
18	Extension Cable (10 ft)	No	02	0	02	
19	Rechargeable torches	No	20	0	20	
20	Kassi	No	20	0	20	
21	Axes	No	20	0	20	
22	G.I. Buckets	No	05	0	05	
23	7/44 cable	Feet	500	0	500	
24	Sutli	Kg	02	0	02	
25	Sewing Needles	No	10	0	10	
26	Emergency Medical Kit	No	01	0	01	
27	Wire crates (3x3x3) (only at those camps near river action and where reserve stock exists)	No	100	0	100	

INFRASTRUCTURES

HIGHWAYS

G.T. Road Lahore Gujranwala From Shahdara to Kala Shah Kaku.
Kala Khataie Narang road.
Adhian Sidhanwalai Road Full.
Adhian Rana Town Road Full.
Narang Chakrali Road
Narang Mandiali Road

SCHOOLS / COLLEGES TEHSIL FEROZEWALA DISTRICT SHIEKUPURA

Government Boys and girls High School Sidhanwalai
Government Primary School Sharifpura.
Government Primary School Sehol
Government Middle School Janua
Government Primary School Lubanwala.

Sub Divisional Officer	**Sub Divisional Officer**	**Executive Engineer**
Link Sub Division	Ravi Syphon Sub Division	Chakbandi Division
Lahore .	Lahore .	Lahore.

Government High School Babakwal.

Ranger Public School Kalakhati Station

Government High School Kalakhati Station

HEALTH CENTER

R.H.C. Babakwal

R.H.C Adhian

R.H.C Kalakhtai

R.H.C Sham-ka-Bhattian

R.H.C Sehol

R.H.C Rana Town.

POLICE STATION

Police Post Lubanwala.

Narang Mandi

Police Post Chak No. 42.

RAILWAY

Lahore Narowal Railway Track from Shahdara to Kala Khatai.

Lahore Gujranwala Railway Track from Shahdara to Kala Shaha Kaku.

TELEPHONE EXCHANGES.

Babakwal

Kalakhatai

Sidhanwalai

Rana Town

Adhian

ARMY INFRASTRUCTURES

Ranger Head Quarter Kalakhatai

Company Headquarter Sharifpura

Rattian Cantt: (Army)

Sub Divisional Officer Link Sub Division Lahore .	**Sub Divisional Officer** Ravi Syphon Sub Division Lahore .	**Executive Engineer** Chakbandi Division Lahore.

Kala Shah Kaku

OIL DEPOT

Kala Shah Kaku

RICE RESEARCH CENTER

Kala Shah Kaku

BACKUP SUB DIVISION.

Bedian Sub Division will act as Backup Sub Division in case of emergency.

Sub Divisional Officer Link Sub Division Lahore .	**Sub Divisional Officer** Ravi Syphon Sub Division Lahore .	**Executive Engineer** Chakbandi Division Lahore.

CHAPTER-14

Action Plan.

Page 55 to 76

FLOOD FIGHTING PLAN 2026 OF CHAKBANDI DIVISION LAHORE

CHAPTER-14

Action Plan.

14.1-Re-Shuffling / Recouping Plan of Reserve Stock Stone Departmentally.

Re-shuffling = **Nil.**

STATUS OF RESERVE STOCK OF STONE.

S.No	Type of Structure with Location.	Sanctioned Reserve Stock of Stone (Lac Cft)	Minimum Required (Lac Cft) (70%)	Available Quantity (Lac Cft)	Balance Qty Required	Remark
1	Flood Embankment from RD 188+000 to 300+000/L of BRBD Link Canal.	-	-	-	-	Balance Qty will be procured before flood season 2026
2	Inverted Hockey Spur at Tail Jajogil Disty	0.200	0.140	-	0.200	
3	Flood Bund Escape channel RD 204+805 of BRBD Link Canal.	1.00	0.70	0.840	0.160	
4	J-Head Spur RD 205+000 BRBD Link Canal.	1.00	0.70	0.155	0.845	
5	J-Head Spur at RD 215+500 BRBD Link Canal.	1.50	1.05	0.209	1.291	
6	Extension of J-Head Spur at RD 4400/R of J-Head Spur 215+500	-	-	-	-	
7	Concave -o-convex wall spur at RD 2+000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal.	1.0	0.70	-	1.00	
8	J-Head Spur at RD 224+500 BRBD Link Canal	1.5	1.05	0.00	1.50	
9	Prong at RD 4450/R of J-Head Spur RD 224+500/L	1.5	1.05	0.00	1.50	
10	Mole Head Spur at RD 232+000 of BRBD Link Canal	1.00	0.70	0.00	1.00	
11	Mole Head Spur at RD 241+000 of BRBD Link Canal.	1.00	0.70	0.082	0.918	
12	J-Head Spur at RD 250+000 of BRBD Link Canal.	1.50	1.05	0.4802	1.02	
13	Prong RD 2000/R of spur RD 250+100//L	-	-	-		
14	J-Head Spur at RD 259+000 of BRBD Link Canal.	1.00	0.70	0.106	0.894	
15	J-Head Spur at RD 265+000/L of BRBD Link Canal	1.500	1.05	1.221	0.279	
16	Prong RD 6200/R of spur RD 265+100/L	-	-	-		
17	Shank Bund at RD 279+500/L of BRBD Link Canal.	1.500	1.05	0.370	1.13	
18	Escape Bund at RD 279+500/R of BRBD Link Canal.	0.500	0.350	0.400	0.100	
19	Right Guide Bund at Ravi Syphon BRBD Link Canal.	2.50	1.75	0.211	2.289	
20	Left Guide Bund at Ravi Syphon BRBD Link Canal.	2.50	1.75	0.00	2.50	
21	J- Spur RD 288+500/L of BRBD Link Canal.	-	-	-		

22	Guide Wall Spur at RD 288+500/L of BRBD Link Canal.	2.50	1.75	0.00	2.50	Balance Qty will be procured before flood season 2026
23	Tie Bund at RD 288+500/L of BRBD Link Canal.	1.00	0.70	0.00	1.00	
24	Diversion Bund opposite RD 288+500/L Upstream Ravi Ravi.	0.350	0.245	0.00	0.350	
25	Mole Head Extension Bund at RD 288+500/L of BRBD Link Canal.	0.200	0.140	-	0.200	
26	Defence Bund at RD 2300 of Mole Head Spur.	-	-	-	-	
	Total:-	**24.750Cft**	**17.325 Cft**	**4.0742 Cft**	20.676 Cft	

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore

14.2 DETAIL OF INLET/OUTLET CROSSES ALONG WITH CLOSING METHODOLOGY.

1. **No inlet exists in flood Reach from RD 178+000 to 288+500 of BRBD Link Canal .**
2. **Following are the outlets which is operate-able when required.**

S.No	Location	Size	Type
1	R.D 216+000/L of BRBD Link Canal	6" Dia	Steel Pipe 1 No outlet
2	R.D 221+000/L of BRBD Link Canal	6" Dia	Steel Pipe 1 No outlet
3	R.D 233+500/L of BRBD Link Canal	6" Dia	Steel Pipe 2 No outlet
4	R.D 238+000/L of BRBD Link Canal	6" Dia	Steel Pipe 1 No outlet
5	R.D 241+500/L of BRBD Link Canal	18" Dia	Steel Pipe 1 No outlet
6	R.D 247+500/L of BRBD Link Canal	18" Dia	Steel Pipe 1 No outlet
7	R.D 264+500/L of BRBD Link Canal	18" Dia	Steel Pipe 1 No outlet
8	R.D 279+500/L of BRBD Link Canal	18" Dia	Steel Pipe 1 No outlet
9	R.D 254+500/L of BRBD Link Canal	24'' Dia	2 No Steel Pipe Permanent Masnory structure

3. DETAIL OF NEW HEAD REGULATOR AND THEIR DISCHARGE

SR.NO	LOCATION RD	DISCHARGE CAPACITY
1	RD 210+000/L OF BRBD LINK CANAL	500 Cs
2	RD 226+000/L OF BRBD LINK CANAL	250 Cs
3	RD 233+000/L OF BRBD LINK CANAL	250 Cs
4	RD 242+000/L OF BRBD LINK CANAL	250 Cs
5	RD 251+000/L OF BRBD LINK CANAL	200 Cs
6	RD 263+000/L OF BRBD LINK CANAL	250 Cs
7	RD 266+000/L OF BRBD LINK CANAL	250 Cs

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Enginee
Chakbandi Division
Lahore.

14.3 DEPLOYMENT MACHINERY (NORMAL to LOW FLOOD).

Sr. NO	Structure Name	Length (Miles)	Excavators	Trolleys	Dumpers	Tractor with Front blade
						1 Per 15 Mile reach
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21.00 Miles	S.E shall allow deputation of one (1) excavator & four (04) Trolleys during low Flood at cams / vulnerable points & LMB /RMB		-	1
2	Inverted Hockey Spur at Tail of Jajogil Disty	0.80 Mile			-	0
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile			-	0
4	J- Head Spur at RD 205+000/L	0.57 Miles			-	0
5	J-Head Spur at RD 215+500/L	0.79 Miles				0
6	Extension J-Head Spur at 4400/R of J –Head Spur RD 215+500/L	0.74 Miles			-	0
7	Concave –O-Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles			-	0
8	J Head Spur at RD 224+500	1.22 Miles			-	0
9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles			-	0
10	Mole Head Spur at RD 232+000	0.53 Miles			-	0
11	Mole Head at RD241+000	0.67 Miles			-	0
12	J Head Spur at R.D250+000	0.80 Miles			-	0
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles			-	0
14	J Head Spur at RD 259+000	0.70 Miles			-	0

15	J Head Spur at RD:265+000	1.42 Miles			-	0
16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles			-	0
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles			-	0
18	Escape Bund R.D 279+500/R	1.07 Miles			-	0
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles			-	0
20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles			-	0
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles			-	0
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles			-	0
23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles			-	0
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles			-	0
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles			-	0
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles			-	0
		Total:	0	0	0	1

Note:- Payment for departmental and contractor machinery and work charge establishment subject to verification by TPM.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

FLOOD FIGHTING PLAN 2026 OF CHAKBANDI DIVISION LAHORE

14.4:-DEPLOYMENT OF MACHINERY (MEDIUM TO HIGH FLOOD).

SR.NO	STRUCTURE NAME	LENGTH (MILES)	EXCAVATORS	TROLLEYS	DUMPERS	TRACTOR WITH FRONT BLADE
			01 per 07 Mile reach	04 Per 07 Mile reach	02 Per 07 Mile reach	01 Per 07 Mile reach
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21.00 Miles	**3**	**10**	**5**	**3**
2	Inverted Hockey Spur at Tail of Jajogil Disty	0.80 Mile	**0**	**0**	**0**	**0**
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile	**0**	**0**	**0**	**0**
4	J- Head Spur at RD 205+000/L	0.57 Miles	**0**	**0**	**0**	**0**
5	J-Head Spur at RD 215+500/L	0.79 Miles	**0**	**0**	**0**	**0**
6	Extension J-Head Spur at 4400/R of J –Head Spur RD 215+500/L	0.74 Miles	**0**	**0**	**0**	**0**
7	Concave –O-Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles	**0**	**0**	**0**	**0**
8	J Head Spur at RD 224+500	1.22 Miles	**0**	**0**	**0**	**0**
9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles	**0**	**0**	**0**	**0**
10	Mole Head Spur at RD 232+000	0.53 Miles	**0**	**0**	**0**	**0**
11	Mole Head at RD241+000	0.67 Miles	**0**	**0**	**0**	**0**
12	J Head Spur at R.D250+000	0.80 Miles	**0**	**0**	**0**	**0**
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles	**0**	**0**	**0**	**0**
14	J Head Spur at RD 259+000	0.70 Miles	**0**	**0**	**0**	**0**
15	J Head Spur at RD:265+000	1.42 Miles	**0**	**0**	**0**	**0**
16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles	**0**	**0**	**0**	**0**
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles	**0**	**0**	**0**	**0**
18	Escape Bund R.D 279+500/R	1.07 Miles	**0**	**0**	**0**	**0**
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles	**0**	**0**	**0**	**0**

20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles	**0**	**0**	**0**	**0**
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles	**0**	**0**	**0**	**0**
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles	**0**	**0**	**0**	**0**
23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles	**0**	**0**	**0**	**0**
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles	**0**	**0**	**0**	**0**
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles	**0**	**0**	**0**	**0**
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles	**0**	**0**	**0**	**0**
		Total:-	**03**	**10**	**05**	**03**

Note:- Payment for departmental and contractor machinery and work charge establishment subject to verification by TPM.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

FLOOD FIGHTING PLAN FOR THE YEAR 2026 OF CHAKBANDI DIVISION LAHORE

14.5:-DEPLOYEMENR OF MACHINERY (VERY HIGH TO EXCEPTIONALLY HIGH FLOOD)

Sr.No	Structure Name	Length (Miles)	Excavators		Trolleys	Dumpers	Tractors with Front Blade	
			Very High Flood	Exp High Flood	4 Per 5 Mile reach	2 Per 5 Mile reach	Very High Flood	Exp High Flood
			1 Per 5 Mile reach	2 per 5 mile reach			1 Per 5 Mile reach	2 Per 5 Mile reach
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21 Miles	4	7	14	7	4	7
2	Inverted Hockey Spur at Tail of Jajogil Disty	0.80 Mile	0	0	0	0	0	0
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile	0	1	1	0	0	1
4	J- Head Spur at RD 205+000/L	0.57 Miles	0	0	0	0	0	0
5	J-Head Spur at RD 215+500/L	0.79 Miles	0	0	0	0	0	0
6	Extension J-Head Spur at 4400/R of J –Head Spur RD 215+500/L	0.74 Miles	0	0	0	0	0	0
7	Concave –O-Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles	0	0	0	0	0	0
8	J Head Spur at RD 224+500	1.22 Miles	0	0	1	0	0	1
9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles	0	0	0	0	0	0
10	Mole Head Spur at RD 232+000	0.53 Miles	0	0	0	0	0	0
11	Mole Head at RD241+000	0.67 Miles	0	0	0	0	0	0
12	J Head Spur at R.D250+000	0.80 Miles	0	0	0	0	0	0
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles	0	0	0	0	0	0
14	J Head Spur at RD 259+000	0.70 Miles	0	0	0	0	0	0
15	J Head Spur at RD:265+000	1.42 Miles	0	0	0	0	0	1

16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles	0	0	0	0	0	0
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles	0	0	1	0	0	0
18	Escape Bund R.D 279+500/R	1.07 Miles	0	0	1	0	0	0
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles	0	0	0	0	0	0
20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles	0	0	0	0	0	0
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles	0	0	0	0	0	0
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles	0	0	0	0	0	0
23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles	0	0	0	0	0	0
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles	0	0	0	0	0	0
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles	0	0	0	0	0	0
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles	0	0	0	0	0	0
Total:-			**4**	**8**	**18**	**7**	**4**	**10**

Note:- Payment for departmental and contractor machinery and work charge establishment subject to verification by TPM.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

14.7 **Police Deployment Plan**

S.NO	NAME OF STRUCTURE	CAMP LOCATION	SITE INCHARGE BY NAME / CELL NO	DETAIL OF POLICE JAWANS
1	2	3	4	5
1	Flood Embankment from RD 188+000 to 300+000/L BRBD Link Canal	RD 205+000 of BRBD Link Canal	Sajid Mehboob Sub Divisional Officer Link sub Division Lahore . Cell # 0306-5299422	SHO Narang mandi ASI 1 No Constable 3 No.
2	Inverted Hockey Spur at Tail of Jajogil Disty			Constable 01 No.
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal			ASI 1 No Constable 3 No
4	J- Head Spur at RD 205+000/L			SHO Narang mandi ASI 1 No Constable 3 No.
5	J-Head Spur at RD 215+500/L			Constable 01 No.
6	Extension J-Head Spur at 4400/R of J -Head Spur RD 215+500/L			ASI 1 No Constable 3 No
7	Concave -O-Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal			SHO Narang mandi ASI 1 No Constable 3 No.
8	J Head Spur at RD 224+500	RD 224+000 of BRBD LInk Canal		Constable 01 No.
9	Prong RD 4450/R of Spur RD 224+500/L			ASI 1 No Constable 3 No
10	Mole Head Spur at RD 232+000			SHO Narang mandi ASI 1 No Constable 3 No.
11	Mole Head at RD241+000			Constable 01 No.
12	J Head Spur at R.D250+000	RD 260+000 of BRBD Link Canal		ASI 1 No Constable 3 No
13	Prong RD 2000/R of Spur RD 250+100/L			SHO Narang mandi ASI 1 No Constable 3 No.
14	J Head Spur at RD 259+000			Constable 01 No.
15	J Head Spur at RD:265+000			ASI 1 No Constable 3 No
16	Prong R.D 6200/R of spur R.D 265+100/L			SHO Ferozewala ASI 1 No Constable 3 No.
17	Shank bund of Ravi Syphon R.D 279+500/L	RD 282+750 of BRBD LInk Canal	Muhammad Hassan Javed Sub Divisional Officer Ravi Syphon Sub Division. Cell # 0300-4763508	Constable 01 No.
18	Escape Bund R.D 279+500/R			ASI 1 No Constable 3 No
19	R/G bund of Ravi Syphon RD 283+000			SHO Ferozewala ASI 1 No Constable 3 No.
20	L/G bund of Ravi Syphon RD 284+750			Constable 01 No.

21	J-spur RD 288+500/L of BRBD Link Canal	RD 285+000 & 288+500 of BRBD Link Canal	Muhammad Hassan Javed Sub Divisional Officer Ravi Syphon Sub Division. Cell # 0300-4763508	ASI 1 No Constable 3 No
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal			SHO Ferozewala ASI 1 No Constable 3 No.
23	Tie Bund at RD 288+500/ L of BRBD Link Canal			Constable 01 No.
24	Diversion Bund RD 288+500/L BRBD Link Canal			ASI 1 No Constable 3 No
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.			SHO Ferozewala ASI 1 No Constable 3 No.
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L			Constable 01 No.

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

14.8 **Detail of Synthetic Bags With Capacity of 50 kg & 100 Kg**

Synthetic Bags With Capacity of 50 kg.

S.NO	NAME OF STRUCTURE / BUND	LENGTH IN Miles	CAMP LOCATION	SITE INCHARGE BY NAME / CELL NO	REQUIRED DETAIL OF SYNTHETIC BAGS WITH CAPACITY OF 50 KG.	AVAILABLE DETAIL OF SYNTHETIC BAGS WITH CAPACITY OF 50 KG.
1	2	3	5	6	7	8
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21.00 Miles	RD 205+000 of BRBD LInk Canal	Sajid Mehboob Sub Divisional Officer Link Sub Division . Cell # 0306-5299422	1000 Nos	Nil
2	Inverted Hockey Spur at Tail of Jajogil Disty	0.80 Mile			500 Nos	Nil
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile			500 Nos	Nil
4	J- Head Spur at RD 205+000/L	0.57 Miles			500 Nos	Nil
5	J-Head Spur at RD 215+500/L	0.79 Miles			500 Nos	Nil
6	Extension J- Head Spur at 4400/R of J – Head Spur RD 215+500/L	0.74 Miles			500 Nos	Nil
7	Concave -O- Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles			500 Nos	Nil

8	J Head Spur at RD 224+500	1.22 Miles	RD 224+000 BRBD Link Canal -	Sajid Mehboob Sub Divisional Officer Link Sub Division . Cell # 0306-5299422	500 Nos	Nil
					1000 Nos	Nil
9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles			500 Nos	Nil
10	Mole Head Spur at RD 232+000	0.53 Miles			500 Nos	Nil
11	Mole Head at RD241+000	0.67 Miles			500 Nos	Nil
12	J Head Spur at R.D250+000	0.80 Miles			1000 Nos	Nil
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles			500 Nos	Nil
14	J Head Spur at RD 259+000	0.70 Miles			500 Nos	Nil
15	J Head Spur at RD:265+000	1.42 Miles	RD 260+000 BRBD Link Canal	Muhammad Hassan Javaid Sub Divisional Officer Ravi Syphon Sub Division. Cell #	500 Nos	Nil
16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles			1000 Nos	Nil
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles	RD 282+750 BRBD Link Canal		500 Nos	Nil
18	Escape Bund R.D 279+500/R	1.07 Miles			500 Nos	Nil
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles			500 Nos	Nil
20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles	RD 285+000 & 288+500 of BRBD Link Canal		1000 Nos	Nil
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles			500 Nos	Nil
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles	RD 288+500 BRBD Link Canal		1000 Nos	Nil

23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles			500 Nos	Nil
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles			500 Nos	Nil
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles			500 Nos	Nil
26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles			1000 Nos	Nil

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

FLOOD FIGHTING PLAN 2025 OF CHAKBANDI DIVISION LAHORE

14.8 Detail of Synthetic Bags with Capacity of 100 kg.

S.NO	NAME OF STRUCTURE / BUND	LENGTH IN Miles	CAMP LOCATION	SITE INCHARGE BY NAME / CELL NO	REQUIRED DETAIL OF SYNTHETIC BAGS WITH CAPACITY OF 100 KG.	AVAILABLE DETAIL OF SYNTHETIC BAGS WITH CAPACITY OF 100 KG.
1	2	3	4	5	6	7
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	21.00 Miles	RD 205+000 of BRBD LInk Canal	Sajid Mehboob Sub Divisional Officer Link Sub Division. Cell # 0306-5299422	1000 Nos	NIL
2	Inverted Hockey Spur at Tail of Jajogil Disty	0.80 Mile			500 Nos	NIL
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal	1.99 Mile			500 Nos	NIL
4	J- Head Spur at RD 205+000/L	0.57 Miles			500 Nos	NIL
5	J-Head Spur at RD 215+500/L	0.79 Miles			500 Nos	NIL
6	Extension J- Head Spur at 4400/R of J – Head Spur RD 215+500/L	0.74 Miles	RD 224+000 BRBD Link Canal -		100 Nos	NIL
7	Concave -O- Convex Guide Wall Spur at RD 2000/R of Extension J- Head Spur RD 215+500/L of BRBD Link Canal	0.44 Miles			500 Nos	NIL
8	J Head Spur at RD 224+500	1.22 Miles			500 Nos	NIL
9	Prong RD 4450/R of Spur RD 224+500/L	0.85 Miles			500 Nos	NIL

10	Mole Head Spur at RD 232+000	0.53 Miles	RD 260+000 BRBD Link Canal	Sajid Mehboob Sub Divisional Officer Link Sub Division . Cell # 0306-5299422	1000 Nos	NIL
11	Mole Head at RD241+000	0.67 Miles			500 Nos	NIL
12	J Head Spur at R.D250+000	0.80 Miles			500 Nos	NIL
13	Prong RD 2000/R of Spur RD 250+100/L	0.19 Miles			500 Nos	NIL
14	J Head Spur at RD 259+000	0.70 Miles			500 Nos	NIL
15	J Head Spur at RD:265+000	1.42 Miles	RD 282+750 BRBD Link Canal	Muhammad Hassan Javed Sub Divisional Officer Ravi Syphon Sub Division. Cell # 0300-4763508	1000 Nos	NIL
16	Prong R.D 6200/R of spur R.D 265+100/L	0.24 Miles			500 Nos	NIL
17	Shank bund of Ravi Syphon R.D 279+500/L	1.042 Miles			500 Nos	NIL
18	Escape Bund R.D 279+500/R	1.07 Miles			500 Nos	NIL
19	R/G bund of Ravi Syphon RD 283+000	0.55 Miles			500 Nos	NIL
20	L/G bund of Ravi Syphon RD 284+750	0.55 Miles	RD 285+000 & 288+500 BRBD Link Canal		1000 Nos	NIL
21	J-spur RD 288+500/L of BRBD Link Canal	0.256 Miles			500 Nos	NIL
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal	0.65 Miles			500 Nos	NIL
23	Tie Bund at RD 288+500/ L of BRBD Link Canal	0.44 Miles			500 Nos	NIL
24	Diversion Bund RD 288+500/L BRBD Link Canal	0.255 Miles			500 Nos	NIL
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.	0.447 Miles			1000 Nos	NIL

26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L	0.511 Miles			500 Nos	NIL

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

FLOOD FIGHTING PLAN 2026 OF CHAKBANDI DIVISION LAHORE

14.9:-Detail of Polythene Sheets of Black Color to Protect U/S Slopes against wave action and to control seepage through embankments.

S.NO	NAME OF STRUCTURE / BUND	CAMP LOCATION	SITE INCHARGE BY NAME / CELL NO	Required detail Polythene sheet required 300 Guage)	Available Detail of Polythene shet required (300 Gauge)
1	2	3	4	5	6
1	Flood Embankment from RD 188+000 to 300+000 /L BRBD Link Canal	RD 205+000 of BRBD LInk Canal	Sajid Mehboob Sub Divisional Officer Link Sub Division . Cell # 0306-5299422	400 Kg	Nil
2	Inverted Hockey Spur at Tail of Jajogil Disty			200 Kg	Nil
3	Flood Bund Escape Channel RD 204+805/L of BRBD Link Canal			100 Kg	NIl
4	J- Head Spur at RD 205+000/L			400 Kg	Nil
5	J-Head Spur at RD 215+500/L			200 Kg	Nil
6	Extension J-Head Spur at 4400/R of J - Head Spur RD 215+500/L	RD 224+000 BRBD Link Canal -		100 Kg	NIl
7	Concave -O- Convex Guide Wall Spur at RD 2000/R of Extension J-Head Spur RD 215+500/L of BRBD Link Canal			400 Kg	Nil
8	J Head Spur at RD 224+500			200 Kg	Nil
9	Prong RD 4450/R of Spur RD 224+500/L			100 Kg	NIl

10	Mole Head Spur at RD 232+000	RD 260+000 BRBD Link Canal	Sajid Mehboob Sub Divisional Officer Link Sub Division . Cell # 0306-5299422	400 Kg	Nil
11	Mole Head at RD241+000			200 Kg	Nil
12	J Head Spur at R.D250+000			100 Kg	NIl
13	Prong RD 2000/R of Spur RD 250+100/L			400 Kg	Nil
14	J Head Spur at RD 259+000			200 Kg	Nil
15	J Head Spur at RD:265+000	RD 282+750 BRBD Link Canal	Muhammad Hassan Javed Sub Divisional Officer Ravi Syphon Sub Division. Cell # 0300-4763508	100 Kg	NIl
16	Prong R.D 6200/R of spur R.D 265+100/L			400 Kg	Nil
17	Shank bund of Ravi Syphon R.D 279+500/L			200 Kg	Nil
18	Escape Bund R.D 279+500/R			100 Kg	NIl
19	R/G bund of Ravi Syphon RD 283+000			400 Kg	Nil
20	L/G bund of Ravi Syphon RD 284+750	RD 285+000 & 288+500 of BRBD Link Canal		200 Kg	Nil
21	J-spur RD 288+500/L of BRBD Link Canal			100 Kg	NIl
22	Guide Wall Spur at Rd 1400 of J Head Spur R.D 288+500/L of BRBD Link Canal			400 Kg	Nil
23	Tie Bund at RD 288+500/ L of BRBD Link Canal			200 Kg	Nil
24	Diversion Bund RD 288+500/L BRBD Link Canal			100 Kg	NIl
25	Mole Head Extension Bund at RD 250 of Diversion Bund at Ravi post.			400 Kg	Nil

26	Defence Bund at RD 2300 Mole Head Extension Bund opposite RD 288+500/L			400 Kg	Nil

Sub Divisional Officer
Link Sub Division
Lahore .

Sub Divisional Officer
Ravi Syphon Sub Division
Lahore .

Executive Engineer
Chakbandi Division
Lahore.

14.9.1:- RECOMMENDATIONS FOR OPERATINS DURING FLOOD.

1. The Superintending Engineer (SE) will notify all vulnerable points on the recommendations of Executive Engineer (XEN) and if the vulnerable site falls within 15 miles of embankment, then camp will be established at vulnerable site.
2. Superintending Engineer shall allow deputation of one (1) excavator and four (04) Trolleys during low flood at camps / vulnerable points and LMB /RMB.
3. The Superintending (SE) shall approve one additional shift low to high flood based on necessity of site but he shall clearly mention the reach where additional shift is allowed.
4. For emergent situation when very high flood levels are attained at lower Flood discharges, additional camps may also be established with the approval of Superintending Engineer.
5. The concerned Division shall procure flood fighting material as per requirement of seasonal flood Fighting camps.
6. Jackets with official emblem of the PID should be purchased by the concerned Division , to be used during the worst -case scenario, i.e for exceptionally high Flood.
7. All other camps and supplies along with establishment i.e Beldars and mates shall be outsourced before the Flood season for operational efficiency during the Flood Fighting activities.
8. The above-mentioned yardstick of human resource is inclusive of 100% of regular Flood establishment of the Division at normal and low flood and for medium and above situation 50% of total regular establishment of the division and backup Division in Flood Fighting Plan.
9. The trigger Point upstream of the canal Division for commencing preparations shall be mentioned in the Flood fighting plan and it shall be such point upstream with lag time of 03 days / 72 hours .The Division shall initiate preparation corresponding to discharge magnitude expected to receive at their jurisdiction with respect to discharge at trigger point with 2025 flood data.
10. Superintending Engineers shall approve additional resources above the approved FFP on the recommendations of Executive Engineer base on site necessity with copy to TPM and respective Chief Engineer but must mentioned the reach and justify the reason for additional resources in approval.
11. Executive Engineer (XEN) shall decide the location and relocation of Flood camps.
12. The machinery mentioned above should be hired to remain standby for 24/07to fight any extreme situation. The working of the deployed machinery during normal situation shall be with prior approval of Superintending Engineer.
13. Communication means must be arranged through the Government .it is recommended to allocate a unique frequency for irrigation department.
14. In the event that water levels reach the High Flood threshold even if the recorded discharge remains below established benchmarks, all field preparations and personnel deployments must immediately escalate to critical level protocols.

Sub Divisional Officer Link Sub Division Lahore .	**Sub Divisional Officer** Ravi Syphon Sub Division Lahore .	**Executive Engineer** Chakbandi Division Lahore.

CHAPTER-15

BACK UP DIVISION (IN CASE OF BREACH).

Page # 77- 78

FLOOD FIGHTING PLAN 2026 OF CHAKBANDI DIVISION LAHORE

CHAPTER-15

BACK UP DIVISION (IN CASE OF BREACH).

No breaching section exists in this Division, in case of breaching then Flood Bund Division Narowal and all the sister Administrative Department (Provincial Disaster Management Authority, C&W and Civil Administration) of District Sheikhupura , District Lahore and Pak Army) has informed that they will give the volunteer services for the safety of public and public infrastructure falling in this Division .

Executive Engineer,
Chakbandi Division,
Lahore.

Superintending Engineer,
Link Circle, Lahore.

Chief Engineer,
irrigation, Lahore Zone
Lahore.