

# DISTRICT DISASTER MANAGEMENT PLAN (DDMP) (2024-2025)

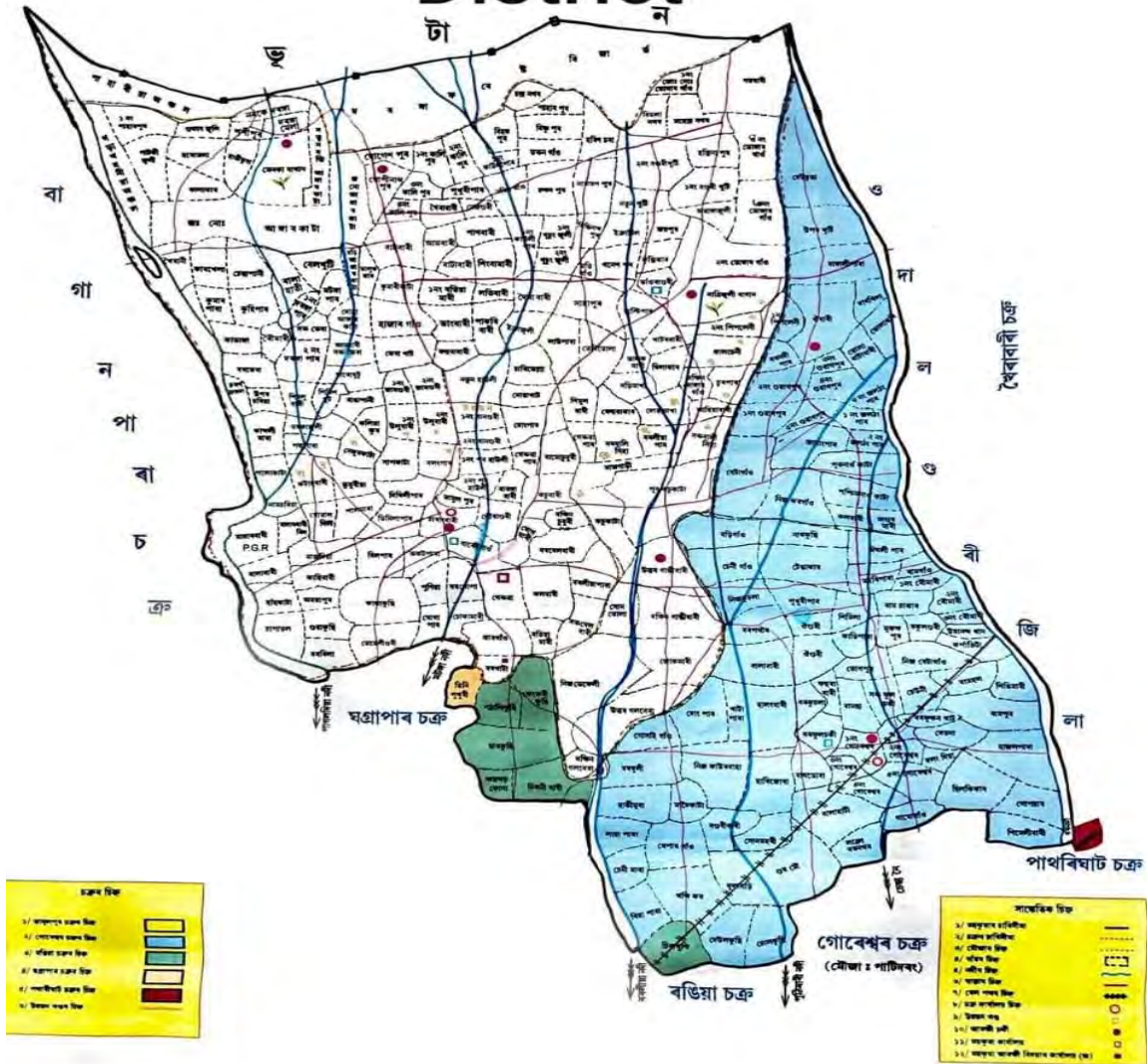
## Map of Tamulpur District



TAMULPUR DISTRICT

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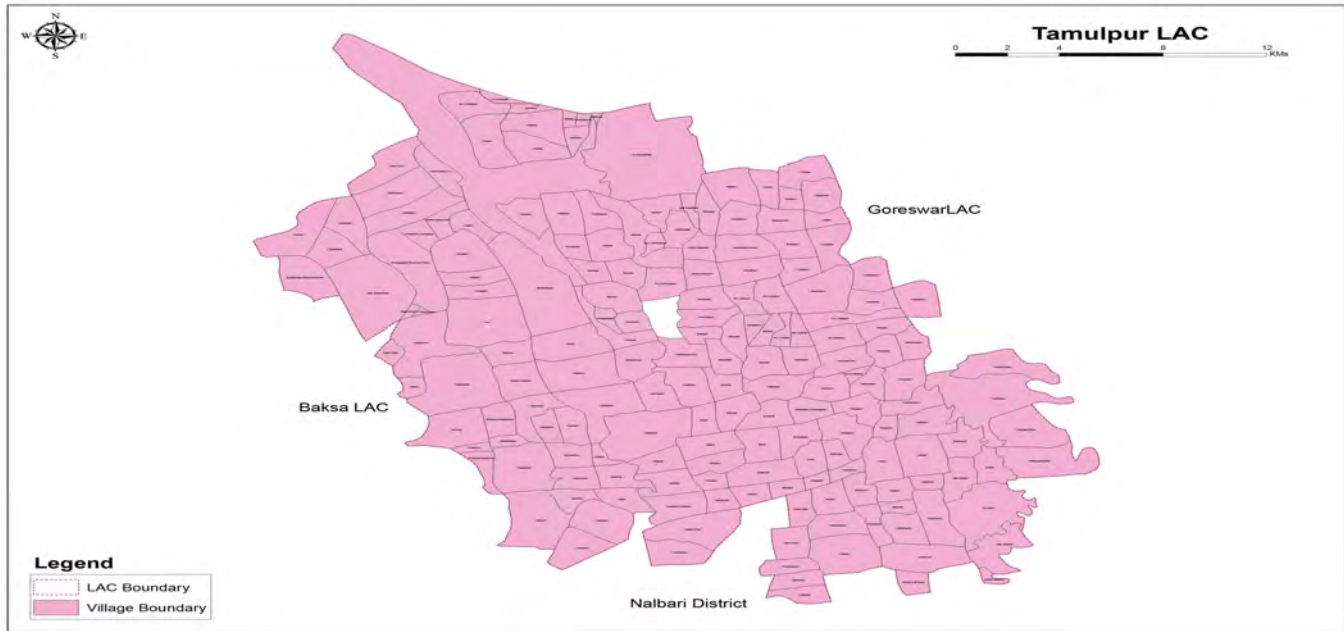
**Note:** After delimitation of Legislative Assembly of Assam, notified by ECI, the Tamulpur District has been allotted with two nos of LAC namely Tamulpur & Goreswar with some Administrative Addition of 19 villages from Nalbari District. (Aliya Gaon Panchayat 8 villages & khatikkuchi Gaon Panchayat 11 villages).

TAMULPUR DISTRICT, PIN :-781367

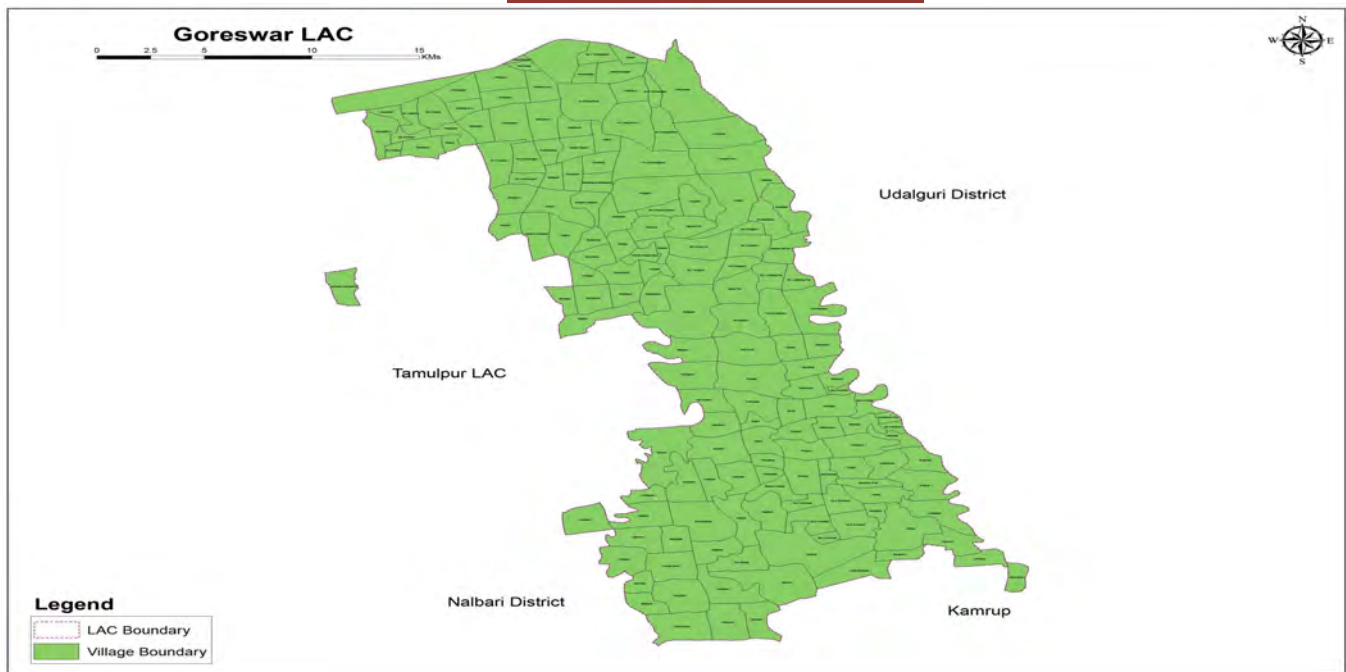
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## Legislative Assembly Council (LAC- wise) Map of 43 Tamulpur LAC (ST) & 44 Goreswar LAC



## GORESWAR LAC



*The map of Lac wise has been finalized and will be implemented as per ECI delimitation in the year 2023.*



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## Chapter: 1

### GLIMPSE OF THE DISTRICT

#### **1.1 Introduction:**

Assam is ranked 8<sup>th</sup> in the composite disaster risk index among all states and Union territories and in Specific to Hazard Index, Assam is ranked 1<sup>st</sup> in Earthquake risk index while 2<sup>nd</sup> in flood risk index as per study conducted by Ministry of Home Affairs, GOI and UNDP. The Assam has been ranked 5<sup>th</sup> most vulnerable state to climate change in India. As per the report of Climate Vulnerability Assessment for Adaptation planning in India using a common framework, total 15 district of Assam ranked among 25 district of country, where Baksa (including Tamulpur District) was in 19<sup>th</sup> position. Rainfall intensity is changing and the temperature of the district is increasing. In the mid April 2023, the Tamulpur district witnessed 38 degree Celsius and the pattern of rainfall is also drastically changing. The average temperature is increasing in Tamulpur District due to Global Warming Impact. The Assam State Action Plan on Climate Change (version 2.0, 2021-2030) mentions that continued warming of the atmosphere and ensuing changes in precipitation pattern is impacting the state water resources, agriculture, forest, its unique bio diversity and the habitats where people live. The monsoon periods starts quickly before Bihu. Flash Flood, Flood, Fire, Forest Fire, Thunder Storm & Lightning are the common disaster witnessed in Tamulpur District. Due to the exposure to multiple hazards and determinants of risks, Tamulpur District experiences varied scale of losses and impacts every year.

The DDMP, Tamulpur emphasized as the strategic instrument on the Prime Minister 10 point Agenda which was outlined by honorable PM of India Shri Narendra Modi during Asian Ministerial Conference on Disaster Risk Reduction 2016 held at Delhi and the Sendai Framework Disaster Risk Reduction (2015-2030), G20 India presidency's 1<sup>st</sup> Disaster Risk Reduction held in Gandhinagar, Gujarat, Paris Climate Change and SDG 2030.

The Disaster Management Plan is the guide for achieving the objective i.e Mitigation, Preparedness, Response and Recovery.

#### **About Tamulpur District**

The Tamulpur District recreated as 35<sup>th</sup> District of Assam after the Delimitation on 11 August 2023 as per Section 8 A of the RP Act, 1950 of Election Commission and approval of 100th Cabinet meeting held in Guwahati, Dispur on 26<sup>th</sup> August, 2023 sharing 29.6 km of Bhutan, having geographical area of 461.25 sq km approx. with 4, 06,371 cosmopolitan population, where Male 206348 and female 200023 (2011 Census) and literacy rate 85.71% included in the district in two Administrative Revenue Circle namely Tamulpur Revenue Circle and Goreswar Revenue Circle. The three Development Block- Tamulpur, Nagrijuli and Goreswar Dev Block and two Legislative Assembly Council- 43 tamulpur LAC (ST) and 44 Goreswar LAC are included within the jurisdiction of the district after delimitation. The District is agrarian based covering Agriculture area with 47383.89 bigha mainly with Paddy and producing honey keeping bee.

#### **Geographical Area in Tamulpur District**

LULC area in Tamulpur district	
Total geographical area	5,70,762 B- 4K-18.5 L
Agriculture	72592 hectre
Forest	6317.852 hectre
Builtup	12806.92 hectre
Water	130km

## Rainfall and Climate

The district witnessed a sub-tropical humid climate with a hot summer and moderate winter. The winter temperature drops to 10 degree Celsius and summer temperature goes up to 38 degree C. The drastic Climate Change have been witnessed in Tamulpur district in the month of April with a temperature 38 degree Celsius and changes in Rainfall intensity and early pre monsoon due to global Warming. The total annual rainfall of the district is 1346 mm from May to October 2023. The maximum rainfall was 60.98 mm on 21 June 2023. The flash flood mainly occurs in the district due to heavy rainfall in the adjacent areas of Bhutan. The flash flood and heavy rainfall in Bhutan, when flows above danger level, affects Tamulpur district with flash flood for around 2 to 3 hours and the water flows down and inundated Nalbari, Darrang and Kamrup(R) district. The early warning system has been developed and the weather condition marked in Bhutan to all the stakeholders.

## RIVER LEVEL CHART FLOWING IN TAMULPUR DISTRICT

River Name	From where it starts	Km
Puthimari	Kangpar, Bhutan	68.76
Pagladiya	Narphu, Bhutan	56.68
Borolia	Samdrup Jongkhar, Bhutan	15.23
Baralia	Nagrijiuli	74.59
Suklai	Samdrup Jongkhar, Bhutan	29.9
Matanga (noona)	Samdrup Jongkhar, Assam-Bhutan boundary	40.48
Deosunga	Bhutan	20
Lebra	Bhutan	7
Naobandha	Bhutan	15
Kalanadi	Samdrup Jongkhar, Bhutan	15
Sukan	Bhutan	8
Balti	Samdrup Jongkhar, Assam-Bhutan boundary	20
Dimila	Boiling	15
Darranga	Samdrup Jongkhar Bhutan	18
Bogamati	Puthimari, Assam-Bhutan Boundary	3.56
Barnadi	Samdrup Jongkhar, Bhutan	15.52

## Major River:- Embankment establishment in Tamulpur District

Name	Gauge site	No of embankment and its establishment	Danger level
Puthimari	Kelleng Chowk	4(43 km) 1965	59.76
Suklai	nil	3(8.5km) 2023	Not recorded

## General Information about the Tamulpur District:

1	Geographical Area	5,70,762 B- 4K-18.5 L
2	Total Population	4,06,371 (M-206348, F-200023)( As per 2011 Census)
3	Sub-Divisions	1
4	No. of Revenue Circles	2 (Tamulpur and Goreswar)
5	No. of Development Blocks	3(Tamulpur, Goreswar, Nagrijiuli)

8	Total Police Stations	2 (Tamulpur and Goresswar)
9	Total Outposts	5 (Darrangamela OP, Nagrijuli OP, Kumarikata OP, Gandhibari OP, Suagpur OP)
10	Total Patrol Posts	1( Kaurbaha PP)
11	No. of Villages	284
12	No. of Tea Gardens	2 (Nagrijuli TE and Menoka TE)
13	No. of BTC Constituencies	5 (Darrangajuli, Nagrijuli, Tamulpur, SuklaiSerfang, Goreswar)
14	No. of LAC	2 ( 43- Tamulpur LAC & 44- Goreswar LAC)
15	Major Rivers	Pagladia, Puthimari, Kaldia
16	No. of Railway Station	1 ( Goreswar)
17	No. of Fire & Emergency Services	Goreswar & Tamulpur
19	No. of Mouzas	8 (Pub Baska, Kumarikata, Defeli, Panduri, Paschim Banbhag, Betna, Kaurbaha, Patidarrang)
20	Firing Ranges	3(Darrangamela Long Firing Range at Sukanjali, No.1 Paharpur Long Firing Range and Menoka Firing Range at Menoka TE)
21	Number of Helipad	1

#### **Objective and Goals of the Plan:-**

- To identify the areas vulnerable to major types of disasters and hazards in the district.
- To adopt pro-active measures at district level by all Government departments to prevent disaster and mitigate its effects.
- To define and assign the different tasks and responsibilities to stakeholders during the pre-disaster and post-disaster phases of the disaster.
- To enhance disaster resilience of the people in the district by way of capacity building.
- Reduce the loss of public and private property, especially critical facilities and infrastructure through proper planning.
- To set up DEOC to function effectively in search, rescue and response.
- Manage future development to mitigate the effect of natural hazards in the district.
- To develop standardised mechanism to respond to disaster situation to manage the disaster efficiently.
- To set up Early Warning System so as to prepare the community to deal with the disaster and responsive communication system based upon fail proof proven technology.
- To prepare response plan based upon the guidelines issued in the SDMP so as to provide



prompt relief, rescue and search support in the disaster affected areas.

- To adopt disaster resilient construction mechanism in the district by way of using Information, Education and Communication for making the community aware of the need of disaster resilient future development.
- To make the use of media in disaster management.
- Rehabilitation plan of the affected people and reconstruction measures to be taken up by different government departments at district level and local authority.

#### **List of Rivers flowing in Tamulpur Sub Division**

Rivers	Warning Level(m) s	Danger level (m)
Puthimari	58.77	59.77

#### **Analysis:- Climate Change, Flood, Fire & Earthquake Impact**

The average temperature is increasing in Tamulpur District due to Global Warning Impact. The Assam State Action Plan on Climate Change (version 2.0, 2021-2030) mentions that continued warning of the atmosphere and ensuing changes in precipitation pattern is impacting the state water resources, agriculture, forest, its unique bio diversity and the habitats where people live. The monsoon periods starts quickly before Bihu. Flash Flood, Flood, Fire, Forest Fire, Thunder Storm & Lightning are the common disaster witnessed in Tamulpur District.

#### **About Sendai Framework for Disaster Risk Reduction**

The Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai Framework) was the first major agreement of the post-2015 development agenda and provides Member States with concrete actions to protect development gains from the risk of disaster.

The Sendai Framework is the successor instrument to the Hyogo Framework for Action (HFA) 2005-2015: Building the Resilience of Nations and Communities to Disasters. The HFA was conceived to give further impetus to the global work under the International Framework for Action for the International Decade for Natural Disaster Reduction of 1989, and the Yokohama Strategy for a Safer World: Guidelines for Natural Disaster Prevention, Preparedness and Mitigation and its Plan of Action, adopted in 1994 and the International Strategy for Disaster Reduction of 1999.

The Sendai Framework includes four priorities:-

1. Understanding disaster risk
2. Strengthening disaster risk governance to manage disaster risk
3. Investing in disaster risk reduction for resilience.
4. Enhancing disaster preparedness for effective response and to —Build Back Betterl in recovery, rehabilitation and reconstruction.

#### **Sendai framework Disaster Risk Reduction Seven global targets**

Sendai Framework has 7 global targets to achieve by 2030. The first four points are to reduce and last three points are to increase.

1. Global Disaster Mortality
2. Number of affected people
3. Economic loss in relation to GDP
4. Damage to critical infrastructure and service disruption.
5. Number of countries with national and local DRR strategies by 2020
6. International cooperation to developing countries
7. Availability and access to early warning systems and DRR information



### **About DRR 2030**

The **Assam State Disaster Management Authority (ASDMA)** initiated the process to develop the Disaster Risk Reduction Roadmap for the state of Assam in 2018, which was released in the month of October 2022. The DRR Roadmap for Assam aims at preventing new risks, reducing existing risks and managing residual risks thereby reducing losses and impacts of disasters in the state of Assam.

**The guiding principles for the Assam DRR Roadmap are:**

- Building on existing governance system
- Integrated all hazard approach
- Multi-stakeholder orientation to DRR outcomes
- Coherence and Convergence
- Do No Harm
- Equity and Inclusion
- Resilient Development

**The Tamulpur District comprehensively approaching DDMP with a formulation of Assam DRR and SFDRR.**

### **G20 Meet**

G20 India Presidency's First Disaster Risk Reduction Working Group Meeting held in Gandhinagar from March 30 to April 1, 2023.

The G20 India Presidency has achieved a significant milestone by building consensus to start a new workstream on disaster risk reduction after assuming the G20 Presidency. The 1st Disaster Risk Reduction Working Group (DRRWG) meeting took place from March 30 to April 1, 2023, in Gandhinagar, Gujarat. The meeting was inaugurated by Dr. PK Mishra, PS to Honourable Prime Minister and Minister of State for Communication, Government of India Shri Devusinh Chauhan. More than 80 delegates from G20 member countries, invited countries and international organisations attended the meeting.

This momentous occasion served as a resounding call to action for the global community to come together and collaboratively pave the path towards a future that is fortified against the devastation caused by disasters.

India's National Disaster Management Authority (NDMA), MHA, lead the discussions on the DRRWG. The meeting deliberated on - Global coverage of Early Warning Systems, Disaster Resilient Infrastructure, strongernational financial frameworks, disaster response systems and increased application of ecosystems-basedapproaches to DRR. ‘Early Warning-Early Action’and Disaster Risk Reduction and its Impact on Global Infrastructure Resilience: Insights for the G20’was the main priority in the G20 meeting.

‘Learning from Disasters: Memorialising disasters, learning, building back better, investing in resilience’ tookplace on the 29th of March, 2023 at the Gujarat Institute of Disaster Management (GIDM) attended by Dr. PK Mishra, Principal Secretary to the Honourable Prime Minister along with subject-matter experts in Disaster Risk Reduction before the G20 meet.

### **Disaster Risk Reduction Working Group**

- G20 countries have a high level of exposure to disaster risk, with a combined estimated Annual Average Loss of \$218 billion or 9% of their average annual investment in infrastructure. G20 Leaders’declarations have from time to time acknowledged the importance of disaster risk reduction and resilience. However, the issue has not been addressed by the G20 in a comprehensive and sustained manner. A new working group on Disaster Risk Reduction has therefore been established under India’s Presidency to encourage collective work by the G20, undertake multi-disciplinary research and exchange best practices on disaster risk reduction.
- India on assuming the Presidency of the G20 from Indonesia established the first G20 working group on Disaster Risk Reduction, to encourage collective work by the G20, undertakes multi-disciplinary research and exchange best practices on disaster risk reduction.
- Growing disasters around the world, the majority of which are currently driven by climate change, but also bearing in mind the destructive power of deadly geophysical hazards, threaten the lives of millions and are taking an increasing toll on economic development.
- Disasters impact all countries and threaten our collective future, the establishment of this working group is a clear demonstration of the Presidency’s commitment to the theme of ‘Vasudhaiva Kutumbakam’ – ‘One Earth, One Family, One Future.’

### **Priorities & Expected Outcomes**

Within the overall framework provided by the Sendai Framework for Disaster Risk Reduction, it is proposed that the G20group of countries work towards following priorities:

- Global coverage of Early Warning Systems for all hydro-meteorological disasters.
- Increased commitment towards making infrastructure systems disaster and climate resilient.
- Stronger national financial frameworks for disaster risk reduction.
- Strengthened national and global disaster response system to address the consequences of increasingfrequency and intensity of disasters.
- Increased application of ecosystems-based approaches to disaster risk.

### **PM 10 points Agenda on Disaster Risk Reduction**

The DDMP, Tamulpur emphasized as the strategic instrument on the Prime Minister 10 point Agenda which was outlined by honorable PM of India Shri Narendra Modi during Asian Ministerial Conference on Disaster Risk Reduction 2016 held at Delhi.

- 1) **All development sectors must imbibe the principles of disaster risk management-** Development and Disasters are two sides of a coin. While a planned development can reduce the risks of disasters, the absence of proper planning can aggravate them. It is, therefore, essential to imbibe disaster risk reduction approach in all development schemes. Development should focus on reducing disaster risks and not create them.
- 2) **Risk coverage must include all; starting from poor households to SMEs to multi-national corporations to nation states-** Disasters result in loss of lives and damages to properties and assets. Those

who survive face the challenges of their rehabilitation. This applies to all from poor households to SMEs to multi-nationals. It is necessary to think big and innovatively to widen the risk insurance cover. Some bold steps have been taken to ensure financial inclusion and risk insurance for the poorest. Government has some schemes having risk coverage in consideration which include Jan Dhan Yojana, Suraksha Bima Yojana, Fasal Bima Yojana (crop insurance) etc.

**There is a need for:**

- Development of disaster insurance mechanisms for home-owners in disaster prone area.
- Development of parametric insurance for weather and climate related disasters.
- Develop insurance products to cover major infrastructure projects.

3) **Women's leadership and greater involvement should be central to disaster risk management**- It is necessary to encourage greater involvement and leadership of women in disaster risk management to support special needs of women affected by disasters. Women are generally seen as vulnerable to disasters. But women can play an important role in disaster risk reduction at the household, society, community and beyond. We need large number of women volunteers, engineers, masons and building artisans to participate in post-disaster reconstruction and promote women self-help groups which can assist in livelihood recovery. There is a need to include women in NDRF and SDRF, and to train elected women representatives at the local level under development.

4) **Invest in risk mapping globally to improve global understanding of Nature and disaster risks**- Disasters know no boundary. Many natural hazards impact across countries, so there is a need for better understanding of such risks at global level. With a shared understanding of the nature and severity of disaster risks globally, their impacts can be mitigated with better planning and preparedness. This requires undertaking multi-hazard risk assessments and developing maps for all major hazards in a standardized format to facilitate disaster risk reduction.

5) **Leverage technology to enhance the efficiency of disaster risk management efforts**- Efforts must be made to leverage technology to enhance the efficiency of our disaster risk management efforts. This requires use of technology in resource planning, e.g., India Disaster Resources Network (IDRN), creation of e-platform to map expertise and resources on highly specialized aspects of disaster response and to increase the efficacy of early warning systems for all major hazards through the application of technology.

6) **Develop a network of universities to work on disaster-related issues**- It will be helpful to develop a network of universities and academic institutions to work on disaster-related aspects. As part of this network, different universities could specialize in multi-disciplinary research on disaster issues most relevant to them.

7) **Utilise the opportunities provided by social media and mobile technologies for disaster risk reduction**- Utilize the opportunities provided by social media and mobile technologies to develop a social media strategy for Disaster Risk Management in the country. Social media is transforming disaster response. It is helping response agencies in quickly organizing themselves and enabling citizens to connect more easily with authorities.

8) **Build on local capacity and initiative to enhance disaster risk reduction**- Disaster management must build on local capabilities and initiatives. The task of disaster risk management, particularly in rapidly growing economies, is so huge that formal institutions of the state can at best be instrumental in creating the enabling conditions. Specific actions have to be designed and implemented locally. Such efforts reduce risk and create opportunities for local development and sustainable livelihoods. Localization of disaster risk reduction will also ensure that good use is made of the traditional best practices and indigenous knowledge.

9) **Make use of every opportunity to learn from disasters and, to achieve that, there must be studies on the lessons after every disaster**- Ensure that the opportunity to learn from a disaster is not wasted. After every disaster there is a need to undertake research studies to understand the best practices and learn lessons to improve the policy and disaster governance.

10) **Bring about greater cohesion in international response to disasters**- Disasters' impacts are huge and so are the needs to be prepared for and respond strategically. Across the globe, countries face disasters similar in nature and sometimes across the countries. It requires coordinated and unified response by affected countries. Pre-disaster planning and preparedness can result in effective and timely response; hence it is important to bring about greater cohesion in international response to disasters. International forums and protocols should be used in addressing disaster risks for effective and coordinated response.

## CHAPTER 2

### Hazard, Vulnerability and Capacity Analysis:

#### Hazards:

The district has been traditionally vulnerable to different types of disasters namely flood, earthquake, drought, fire etc. The rivers like Puthimari, Mora Pagladia, Kaldiapass through the district. Flash flood is major problem for Tamulpur district. The flash flood mainly occurs in the district due to heavy rainfall in the adjacent areas of Bhutan.

#### Hazard/ Risk Assessment of Tamulpur District:

Hazard	Characteristics	Who at Risk	Probability of Occurrence	Vulnerability rating
Flood	Flood Situation arises almost every year. Mostly houses in the villages are kutcha which makes it vulnerable. Villages which are near to embankments are also highly vulnerable.	Agricultural Crops, Transport, Houses, Constructions, Drinking Water, Cattle, Irrigation, Equipments, Educational Institutions etc.	Frequently	High
Fire	Fire Incidents are common in the Tamulpur District	Human Life, Cattle Life, Houses and Property	Frequently	Medium
Drought	Villages which are away from embankments are drought prone	Crops, Drinking Water, Livelihood Opportunities etc	Occasional	Medium
Earthquake	Mostly the houses in the district are not earthquake resilient	Human Life, Cattle life, Kaccha & Pucca Houses, Community Infrastructure	Occasional	High



	therefore the damage will be severe if an earthquake occurs.			
Erosion	Mostly the areas which are near to embankments	Human Life, Cattle, Houses, Crops etc	<b>Every Year during flood season</b>	<b>High</b>
Storm	In the entire district	Human Life, Cattle, Houses, Crops, Community Structure	<b>Seasonal</b>	<b>High</b>
Wild Animal Invasion	Villages located near to the forest area.	Human Life, Cattle, Crops etc	<b>Frequently</b>	<b>High</b>
Hail Storm	In the entire district	Human Life, Cattle, Houses, Crops, Community Structure	<b>Seasonal</b>	<b>Medium</b>
Disease Outbreak Like Covid 19, JE, H1N1 FLU, Bird Flu	In the entire district	Human Life	<b>Seasonal</b>	<b>Medium</b>
Lightening	In the entire district	Human Life, Cattle, Houses, Crops, Community Structure	<b>Seasonal</b>	<b>Medium</b>

#### **Hazard Seasonality Mapping of Tamulpur District :**

Sl. No	Hazard	Months											
		Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec
1	Flood												
2	Earthquake												
3	Drought												
4	Fire												
5	Storm												
6	Erosion												
7	Hail Storm												
8	Diseases												
9	Lightning												
10	Wild Animal Invasion												

#### **Vulnerability Analysis :**

The vulnerability of the Sub Division is defined by the ability to anticipate, cope with, resist and capacity to recover from any probable disaster. The factors like limited livelihood opportunities, low per capita income, unplanned development, environmental degradation make the Sub Division highly vulnerable.

#### **A. Economic Vulnerability:**

Being a rural Sub Division, the main source of livelihood in the Sub Division is agriculture and allied activities. The agriculture in Tamulpur mainly depend on monsoon which makes the district highly vulnerable during flood and drought situation. The Industry and Services sector are not much developed and therefore Tamulpur is one of the backward Sub Division of Assam in terms of industrial and service sector development.

#### **B. Social Sector Vulnerability:**

As per 2011 Census, the percentage of SC population in the District is 7.69 % while ST population counts 34.84 % . In general the backward classes get excluded from the developmental programs and become more vulnerable due to their social status. The literacy rate of the Sub Division is also not very much encouraging. The vulnerable groups like children and women are at higher risk in the Sub Division as they are dependent on others.

#### **C. Environmental Vulnerability:**

Due to deforestation, unplanned development and various other factors causes environmental degradation and thereby increasing man-made, human induced disasters like accidents, man animal conflict etc.

#### **D. Physical Vulnerability:**

The low lying areas and the areas which are near to embankments are more vulnerable during heavy rainfall in the Sub Division. Erosion is a common phenomenon in the Sub Division.

#### **E. Structural Vulnerability:**

Sl. No	Capacity/Resource	Details	Further Details.
1	Road Connectivity	NH-31 connects nearby districts.	
2	Railway Network	1 at Goreswar	
3	Total human resource in DM Office	6(SIX)	FO-2
4	Total Police Force	173(Appx.)	
5	Total human resource in Health Sector	100 (Appx)	
6	Total human resource in Fire Services	15 nos	Sub Officer-2 nos, fire man-2 nos, fire man-9 nos, driver- 2 nos
7	Trained Volunteers	NA	
8	Nearest NDRF Unit	Guwahati, Patgaon	
9	Nearest SDRF Unit	Nalbari	
10	Nearest IMD	RMC, Guwahati	LGB International

			Airport,Ghy-15, Cont: 0361-2840238 E-mail:ddgm-rmc- guw@nic.com
11	Helipad Location	1 at Borkhata	
12	Boats	2	
13	Fire & Emergency Services Station	2 at Goreswar & Tamulpur	
14	Active NGOs	4	

After the creation of Tamulpur district, many new buildings/houses, infrastructures are being started to develop without taking into consideration the disaster vulnerability of the district. Either most of the constructions are not earthquake resilient or not being consulted with the technical experts. Thus it increases the vulnerability of the population to various hazards.

### **Vulnerable Points**

<b>Summary of Vulnerable Infrastructure identified by Departments and corrective actions taken thereafter (MPS 3.1 to MPS 3.4)</b>					
Sl. No	Name of the Department	No of Vulnerable critical Infrastructure identified	No of Corrective Actions taken after identification	No of Vulnerable Social Service Infrastructure identified	No of Corrective Actions taken after identification
1	Social Welfare Department	Nil	Nil	Dhepargaon Anganwadi centre code No. 18321142 at Botabari Muslim Chuba under Dhepargaon villa	Not taken
2	Water Resource Department	18 nos	Requisition for requirement of flood fighting materials submitted to govt.	NA	NA
		Puthimari river (L/B at 1 no. Suagpur) Erosion at a stretch of 400m		NA	NA
		Puthimari (L/B at 2 no. Suagpur) Erosion at 280 m		NA	NA
		Puthimari (L/B at 2 no. Dongergaon) Erosion at 800 m		NA	NA

Puthimari(R/B at Guwagbari) in Guwabari Hajonbasti village erosion at 3000m		NA	NA
Puthimari(R/B at Kalcheni bank in Kalcheni village at 400m		NA	NA
Barolia(Both bank of Dowamakha in Dowamakha village erosion seen at 1000 m)		NA	NA
Barolia(L/B of Baghuli& Hatimura erosion seen at 500 m)		NA	NA
Barolia river(L/B of Barghuli vill. At a stretch of 500m)		NA	NA
Barolia(B/B of Lahapara) erosion at 800 m		NA	NA
Barolia(B/B of Bihapara) erosion at 800 m		NA	NA
Barolia(L/B of Chenimara Village at 300 m)		NA	NA
Barolia(L/B of Chirakundi village at 850m)		NA	NA
Motanga river(B/B of Pub Howli) at 650 m		NA	NA
Motanga(R/B of Dallongpar) at 550 m		NA	NA
Motanga(L/B of Barangabari) at 400m		NA	NA
Pagladia(L//B of Sukanjali) at 1000 m		NA	NA
Pagladia(L/B of Barbila) at 500 m		NA	NA
Kalanadi river(L/B of Sirisghutu) at 200m		NA	NA
Pagladia river(Palokata, Charangle, Barbila) erosion at length 2000m	PSC porcupine as immediate measures along with bamboo works	NA	NA
Puthimari river(Sijuguri, Jokmari, Khatpara, Dholkuchi erosion at length of 1200m		NA	NA

		Barolia River(Baroliapar,Lahapara, Bihapara, Balabari, Sontala, Mearegaon, Barghuli, Chirakhundi, Barbalishiha, Dowamakha at length of 2000m		NA	NA
		Motanga River(Dalongpar, Deulguri, Churaguri, Dakhin Punia) at length of 1000m		NA	NA
		Suklai river(Natkuchi, Niz Kachula, Bagribari)at length 500 m	bamboo works	NA	NA
3	PWD(Tamulpur Division)	Barbila Dakhin supa Solikanda Road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Motigaon Chowk to Narayanpur Chowk at Siddhinathpur	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Kumbhijhar to Gagn Chowk	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Singramari Road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Amayapur -hahkata road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA



		Sapatal-hahkata road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Damaged road from T-10 to kaolipar no 1	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		T 10 to Paharpur	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Motigaon to Narayanpur chowk	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Barama-Dhamdhana -Tamulpur road 7490 m	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		T010Paharpur	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		T010 to Kaulipar no 1	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
4	PWD(Goreswar Rural Road Sub -division)	SPT Br. No 10/1 on Kasubari Naokata Pathorighat(KNP) road	Discussed in Flood Preparedness meeting but no action taken	NA	NA

		up		
	Goreswar Khoirabari road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Goreswar jyotinagar to Barphukhankhat Road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Dhepargaon Chenimara	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Paschim Madaikata to Batabari village	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Goreswar Boyagola road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Naramari Gopchar road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
	Gadalapara Cheuni Road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA

		Rangia Chenimara Borghuli Road	Discussed in Flood Preparedness meeting but no action taken up	NA	NA
		Tamulpur Goreswar road under SDRF	Action taken	NA	NA
5	PHED	1(bhakatpara MPWSS)in tamulpur	nil		

#### **F. Non structural Vulnerability:**

Tamulpur is vulnerable to many types of disasters like flood, earthquake, fire, erosion etc. The community is aware of such disasters but unaware about the risk arising out of unplanned development, deforestation, environmental degradation and other such potential disasters. This lack of awareness and inexperience also adds to vulnerability.

#### **2.2 Capacity Analysis:**

The Sub Division has got some resources and capacities at its disposal which is useful in emergency situation as well as in normal situation.

Sl. No	Items	Quantity	Remarks
1	Boats	2	With Fire & Emergency Services, Tamulpur
2	Life Jackets	4	
3	Life Bouy	4	

## CHAPTER: 3

### Administrative Set-Up of (DDMA) District Disaster Management Authority of Tamulpur:

As per provision of section 25(1) of National Disaster Management Act 2005, the District Disaster Management Authority (DDMA), Tamulpur is constituted as follows:

- |  |   |                  |
|--|---|------------------|
| 1. District Commissioner, Tamulpur District  | : | Chairperson      |
| 2. Superintendent of Police, Tamulpur  | : | Member           |
| 3. Addl. District Commissioner (DDMA), Tamulpur  | : | Member Secretary |
| 4. Chief Medical Officer   | : | Member           |
| 5. Executive Engineer, PWD   | : | Member           |
| 6. Executive Engineer, Water Resources   | : | Member           |
| 7. Shri Jalti Deka, S/o-Late Samindra Deka,<br>Member Vill- Kachukata, PO- Kachukata, PS- Tamulpur,<br>Dist. Tamulpur as nominated by the Hon'ble CEM, BTC | : |                  |

Besides the above, the MLA and Heads of all Departments concerned with management of disasters in the district such as Civil Defence, Food & Civil Supplies, Agriculture, Panchayat & Rural Development, Power, Irrigation will be special invitees to all the meeting of the District Disaster Management Authority.

The Committee shall discharge all functions as laid down in the National Disaster Management Act, 2005.

The District Disaster Management Authority (DDMA) will meet at least once in six months under the chairmanship of the District Commissioner, Tamulpur to update the District Disaster Management Plan. The Deputy Commissioner will take all the indicators pertaining to the district like creation of additional infrastructure, development of projects, changes in inventories etc and incorporate those changes while updating the plan. The members should assist the authority with all the updated information about their concerned areas of operation from time to time. An emergency meeting may be held whenever emergency situation arises.

The following are the teams constituted at the district level to deal with any kind of disaster like situation in the District.

#### 1. Early Warning Team:-

Sl.No	Name & Designation	Department	Contact
1	Sri Bidyut Bikash Bhagwati, ACS	Chairman	7002878911
2	Kukila Gogoi, ACS	CEO, DDMA	86382-35494
3	Smti Pankaj Yadav, SP, Tamulpur	Police	60269-01249
5	Hitesh Baro, ACS	BO, DDMA	87619-91249
6	Manash Bora, ALRS, CO, Goreswar	Goreswar Rev Circle	70027-20805
7	Elima Kandulna, ALRS, Circle Officer	Tamulpur Rev Circle	6901624064
8	Golap Ch Das, EE, WRD, Tamulpur	WRD, Tamulpur	99543-24498

9	Sri Arunima Kakaty, ACS	SDIPR, Tamulpur	8638095923
10	Ajmer Singh, Sub.	66 Engineer Regt, Hatigarh	8273641575
11	Gurpreet Singh, Hav	66 Engineer Regt, Hatigarh	9116029498

The Early Warning Team would be acted by ADC cum CEO, DDMA, and Tamulpur under the good guidance of District Commissioner, Tamulpur. The ADC cum CEO, DDMA would convey the message received from the State Emergency Operation Centre to the District Commissioner, Tamulpur. She would also be in close touch with the District Emergency Operation Centre and issue necessary instructions to his team.

### 1. Search & Rescue Team:

Sl. No	Name & Designation	Department	Contact
1	Pankaj Yadav, SP, Tamulpur	Police	60269-01249
2	Amulya Ingti, Station Officer	Fire & Emergency Services, Goreswar	81349-97545
3	Sunil Talukdar	Fire & Emergency Services, Tamulpur	9957537273
5.	Major Ankit Yadav	29 Punjab Regiment	8126518432
6	Sub. Joginder Singh	29 Punjab Regiment	8160569112
7	Sub. Sahib Singh	29 Punjab Regiment	8273641575
8	Major Chetan	21 Mountain Division	7296058492
9	Deepak kumar, Inspector	1 <sup>st</sup> Btl NDRF, Patgaon	7992296751
10	Siddhartha Das, AEE	PWD, Tamulpur	99546-35865
11	Monoj Brahma, AEE	PWD, Goreswar	86384-29004
12	Golap Ch Das, EE, WRD, Tamulpur	WRD, Tamulpur	99543-24498
13	Babul Rajbongshi, AEE	WRD, Tamulpur	93654-33284
14	SurjyaGogoi, i/c SDE, Tamulpur	APDCL (Electricity)	96788-77850
15	Golab Swargiary	Ranger, Tamulpur	9201997249

### 2. First Aid & Medical Emergency Team:

Sl. No	Name & Designation	Department	Contact
1	Dr Monoj Kr. Das ,Jt. Director, Baksa	Health	94350-28506
2	Srimanta Choudhury, DSWO, Baksa	Social Welfare	94351-23527
3	Dr Rupan Ch Boro, SDVO	Veterinary & Animal Husbandry, Tamulpur	94012-86668



4	Major Ankit Yadav	Punjab Regiment	77090-21353
5	Dr H M Kalita, SDM & HO, Tamulpur BPHC	Health	98591-20371
6	Dr Jyoti Kalita, SDM & HO, Kaurbha BPHC	Health	95087-30828

### 3. Shelter Management Team:

Sl. No	Name & Designation	Department	Contact
1	Bidyut Bikash Bhagwati, ACS	Chairman	7002878911
2	Kukila Gogoi, ACS, ADC, Tamulpur	ADC cum CEO,DDMA	86382-35494
3	Kabita Phangcho, ACS, AC, Tamulpur	Dist. Administration	8638828566
4	Sri Tridip Pratim Kumbang, Addl. SP, Tamulpur	Police	60269-00128
5	Shri Manash Bora, ALRS, Circle Officer	Goreswar Rev Circle	70027-20805
6	Elima Kandulna, ALRS, Circle Officer	Tamulpur Rev Circle	6901624064
7	Dy. Inspector of Schools, Tamulpur	Education	99543-89261
8	Siddhartha Das, AEE	PWD, Tamulpur	99546-35865
9	Monoj Brahma, AEE	PWD, Goreswar	86384-29004
10	Surjya Gogoi, i/c SDE, Tamulpur	APDCL (Electricity)	96788-77850
11	Priyanku Kalita	FME, APDCL, Tamulpur	7002748472

The CEO,DDMA Tamulpur, will be the In charge of the Shelter Management Team. The team would identify the buildings for using them as shelter during emergency time. Accordingly the team would also look into the facilities needed in the shelter and would coordinate with the concern department. The team would also keep in close touch with the District Emergency Operation Centre.

### 4. Water & Sanitation Team:

Sl. No	Name & Designation	Department	Contact
1	Samiran Baruah, AEE	PHED, Tamulpur	70869-76386
2	Kunal K. Thakuria, JE	PHED, Goreswar	70027-80228
3	Golap Ch Das, EE, WRD, Tamulpur	WRD, Tamulpur	99543-24498
4	Ratan Barman, JE	WRD, Tamulpur	8812967431

The team will initiate action for restoration of clean drinking water supply , effective sanitation facilities during and after occurrence of any disaster . They will also ensure deployment of departmental vehicles and labourers.

#### **5. Relief and Co-ordination Team:**

Sl. No	Name & Designation	Department	Contact
1	Bidyut Bikash Bhagwati, ACS	Chairman	7002878911
2	Kukila Gogoi, ACS, ADC, Tamulpur	CEO, DDMA	86382-35494
3	Pankaj Yadav, SP, Tamulpur	Police	60269-01249
4	Niranjan Kalita, Asst. Director	Food, Civil Supplies & Consumer Affairs	88129-25909
5	Manash Bora, ALRS, Circle Officer	Goreswar Rev Circle	70027-20805
6	Elima Kandulna, Circle Officer	Tamulpur Rev Circle	6901624064

The team would ensure sufficient stock of essential commodities during and after the occurrence of any kind of disaster. Further they will liaise with the Asst. Director, Food & Civil Supplies department of Nalbari ,Barpeta and Changsari and also with the FCI , Tihu. They will assess the impact of disaster urgently and take necessary arrangement for relief materials to the affected people.

#### **6. Damage Assessment Team:**

Sl. No	Name & Designation	Department	Contact
1	Bidyut Bikash Bhagwati, ACS	Chairman	7002878911
2	Kukila Gogoi, CEO, DDMA, Tamulpur	CEO, DDMA	86382-35494
3	Runav Ramchiary	Dist. Administration	8876828712
4	Siddhartha Das, AEE	PWD, Tamulpur	99546-35865
5	Monoj Brahma, AEE	PWD, Goreswar	86384-29004
6	Babul Rajbongshi, AEE	WRD, Tamulpur	93654-33284
7	Samiran Baruah, AEE	PHED ,Tamulpur	70869-76386
8	Manash Bora, ALRS	Goreswar Rev Circle	70027-20805
9	Elima Kandulna, Circle Officer	Tamulpur Rev Circle	6901624064

The Damage Assessment team will carry out the damage assessment caused by the disaster. For this purpose the team will consult with the concerned department, local community and the affected people. Accordingly they will submit the damage report to the Chairman, DDMA for taking necessary steps for recovery and reconstruction.

**7. Trauma Counselling Team:**

Sl. No	Name & Designation	Department	Contact
1	Dr Monoj Kr. Das ,Jt. Director, Baksa	Health	94350-28506
2	Srimanta Choudhury, DSWO, Baksa	Social Welfare	94351-23527
3	Dr HM Kalita, SDM & HO, Tamulpur	Health	98591-20371
4	Dr Jyoti Kalita, SDM & HO, Kaumbaha	Health	95087-30828
5	Jayanta Das, CDPO	Child Development Project	94350-23320

Mental trauma is normally observed among the affected community immediately after any kind of devastating disaster. The team will arrange necessary counselling for the affected people. Accordingly the team will submit an action plan and co-ordinate with the resource institutions for such counselling.

**8. Carcass Disposal Team:**

Sl. No	Name & Designation	Department	Contact
1	Smti Pankaj Yadav, SP, Tamulpur	Police	60269-01249
2	Shri Tridip Pratim Kumbang, Addl. Sp, Tamulpur	Police	60269-00128
3	Shri Manash Bora, ALRS	Goreswar Rev Circle	70027-20805
4	Elima Kandulna, Circle Officer	Tamulpur Rev Circle	6901624064
5	Ashif Ahmed, DTO, Baksa	Transport	98540-22455
6	Dr Rupan Ch Boro, SDVO	Veterinary & Animal Husbandry , Tamulpur	94012-86668
7	Mr Midur Rahman, BO	Forest	91012-05266

**9. Patrolling, Law & Order Maintaining Team**

Sl. No	Name & Designation	Department	Contact
1	Bidyut Bikash Bhagwati, ACS	Chairman	7002878911
2	Kukila Gogoi, ACS, Tamulpur	Chairman, DDMA	86382-35494
3	Pankaj Yadav, SPTamulpur	Police	60269-01249
4	Tridip Pratim Kumbang, Addl. Sp, Tamulpur	Police	60269-00128
5	Kabita Phangchw, ACS, AC	Dist. Administration	8638828566

6	Shri Manash Bora, ALRS	Goreswar Rev Circle	70027-20805
7	Elima Kandulna, Circle Officer	Tamulpur Rev Circle	6901624064
8	Bhaskar Deughoria, OC, Tamulpur	Tamulpur	99549-49432
9	Mridul Hazarika, OC, Goreswar	Goreswar	91013-04605

### 3.2 Stakeholders and their Responsibilities:

At the district level, the DDMA with the District Commissioner designated as Responsible Officer (RO) and other line departments at District HQ are responsible to deal with all the phases of Disaster Management within the district.

#### 1. Role of DC, Tamulpur :

- To facilitate and co-ordinate with local government bodies to ensure that Pre and Post Disaster Management activities are carried out.
- To assist community training, awareness programs and installation of emergency facilities with the support of local administration, NGOs and private sector.
- To function as a leader of the team and take appropriate actions to smoothen the response and relief activities to minimize the adverse impact of disaster.
- To recommend the government for declaration of a disaster.

#### 2. Role of Local Authorities:

- To provide assistance to the ADC, I/c Tamulpur Sub Division in disaster management activities.
- To ensure training of its officers and employees and maintenance of resources so as to be readily available for use in the event of a disaster.
- To undertake capacity building measures and awareness and sensitization of the community.
- To ensure that all construction projects under it conform to the standards and specifications laid down.
- Each department of the government in the Sub Division shall prepare a disaster management plan under their respective department/ jurisdiction. The local authorities need to ensure that relief, rehabilitation and reconstruction activities in the affected area within the Sub Division are carried out.
- Trust/Organizations managing places of worship of congregation :
  - a) Each establishment/organization identified as critical infrastructure and key resources.
  - b) Including places of congregation in the Sub Division shall prepare onsite and offsite disaster management plan.
  - c) Disaster Management plan to carry out mitigation , response, relief and rehabilitation.
  - d) Reconstruction activities.

#### 3. Role of Private Sector:

- The private sector should be encouraged to ensure their active participation in the pre-disaster activities in alignment with the overall plan developed by DDMA.
- They should adhere to relevant rules regarding prevention of disaster as may be stipulated by relevant local authorities.

- As a part of CSR (Corporate Social Responsibility) , undertake DRR (Disaster Risk Reduction) projects in consultation with ADC, I/c Tamulpur Sub Division for enhancing Sub Division's resilience.

#### **4. Role of Community Groups and Volunteer Groups:**

- Local community groups and the voluntary agencies including NGOs normally help in prevention and mitigation activities under the overall direction and supervision of the DDMA.
- They should be encouraged to participate in all training activities as may be organized and should familiarize themselves with their role in disaster management.

#### **5. Role of Citizens:**

It is the duty of every citizen to assist the ADC, I/c Tamulpur Sub Division or such other person entrusted with or engaged in Disaster Management whenever demanded generally for the purpose of disaster management.

#### **3.3 Preparedness and DRR Plan of DDMA, Tamulpur:**

This section refers to the specific actions which are meant to be taken during non disaster time for preparedness and non- mitigation measures as well as disaster resilient development planning in the district. This includes various structural as well as non structural mitigation measures and strategies:

The key actions in preparedness are further divided into various sections including:

- a) Actions mainstreaming of DRR into development.
- b) Actions for capacity building.
- c) Functional continuity actions.
- d) Actions for emergency preparedness.

#### **3.4 Actions for mainstreaming of DRR into Development.**

##### **Objective:**

To ensure DRR is mainstreamed in the developmental actions of all stakeholders working on various themes in the district.

##### **Key Actions:**

- Prepare a disaster management plan including Sub Division response plan for the Sub Division with participation of all stakeholders.
- Co-ordinate and monitor the implementation of National Policy, State Policy , National Plan, State Plan and District Plan.
- Ensure that the guidelines for prevention of disasters, mitigation of its effects , preparedness and response measures as laid down by the National Authority and the State Authority are followed by all departments of the government at the Sub Division level and the local authorities in the Sub Division.
- Give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary.
- Monitor the implementation of the measures as laid down.
- Set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public.
- Prepare, review and update district level response plan and guidelines.
- Ensure that various line departments at the Sub Division level and the local authorities, prepare their response plans in accordance with the Sub Division response plan.



- Co-ordinate with and give guidelines to local authorities in the Sub Division to ensure that measures for the prevention or mitigation of threatening disasters situation or disaster in the Sub Division are carried out promptly and effectively.

### **3.5 Actions for Capacity Building:**

#### **Objective:**

To build sufficient capacities in the departments, communities and other stakeholders to make them able to better perform the roles and responsibilities for disaster risk reduction and emergency and achieve desired objectives:

#### **Key Actions:**

- Conduct a periodic training needs analysis for the ESFs, EOC members, DMTs etc.
- Plan, mobilize resources and facilitate trainings on the identified training needs.
- Review the state of capacities for responding to any disaster or threatening disaster situation in the district and give directions to the relevant departments or authorities at the district level for their upgradation as may be necessary.
- Develop a calendar for mock drills, trainings and awareness building exercise as per seasons and needs of the stakeholders.
- Organize and coordinate specialized training programs for different levels of officers, employees and voluntary rescue workers in the districts.
- Facilitate community training and awareness programs for prevention of disaster or mitigation with the support of local authorities.
- Organize awareness exercise and campaigns to make people aware of probable disasters and the minimum things they need to know and do to prevent sufferings and loss due to disasters.
- Provide necessary technical assistance or give advice to the local authorities in the district for carrying out their functions.
- Ensure communication systems are in order and disaster management drills are carried out periodically.
- Maintain a roster of skilled manpower, technical and professional people, list of agencies, vendors, hospitals and other such at different levels (VCDC, Block, Sub-division and District level). The Sub-division, Block and VCDC level roster may be maintained by the respective authorities at that level with clear instructions from the DDMA.
- Organize periodic mock drills for the DMTs, EOC members, trained volunteers for different contingency situations.
- Put the disaster management plan in testing during such mock drills.
- Compile the learning from the testing of the DDMP in the mock drills and update the plan accordingly.
- Make necessary liaisons and network with the neighbouring District authorities, State, National as well as appropriate International agencies.
- Analyse past experiences of the disaster response to know what went well and what could have been done better and document it as lessons learnt annually and after every disaster. Feed these learning in the updation of the DMP.
- Develop a minimum inventory list required for achieving minimum standards in disaster relief services at Sub Division level and develop a plan to acquire it over next few years.

### **3.6 Functional Continuity Actions:**

#### **Objectives:**

To ensure that the DDMA is able to quickly recover from the impact of any disaster and remains functional during disaster time.

#### **Key actions:**

- Define rules and regulations for the functioning of the DDMA especially during disaster time.
- Ensure that nomination is in place for the Vice Chairman-DDMA who may take charge in place of the Chairman-DDMA in his/her absence.
- Define protocol on convening the meetings in the absence of the convenor.
- Identify safe building/location for operational work and meetings of the DDMA. The DDMA may start functioning from the alternate place if the main building/office is not usable.
- Secure important files and information of the DDMA. Create back ups if possible.
- Develop mechanism for quick sharing of information among all key agencies especially for exchange of information during emergencies.

### **3.7 Actions for Emergency Preparedness:**

#### **Objective:**

To identify potential emergency situations and be prepared for Unified Response.

#### **Key actions:**

- Identify potential emergency situations.
- Organize periodic meeting of the DDMA with EOC members, DMTs, QRTs etc especially before flood season.
- Ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the government at the district level as well as by the local authorities.
- Review the preparedness measures and give directions to the concerned departments at the district level or other concerned authorities where necessary for bringing the preparedness measures to the levels required for responding effectively to any disaster or threatening situation.
- Identify buildings and places which could in the event of any threatening disaster situation or disaster be used as relief centres or camps and make arrangements of necessary items.
- Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice.
- Co-ordinate with ASDMA, and other key agencies for any specific preparedness instructions, supplies, mock drills, trainings etc.
- Create mechanism through DEOC for quick dissemination of early warning information to all people.
- Take stock of essential equipment and materials and their location in the district. Assess if there is a need to do additional procurement and preposition of supplies in vulnerable areas and delegate actions for the same to the ESFs and Block Officials.
- Review contingency action plans of the ESFs, DMTs and QRTs and their preparedness.

### **3.8 Mitigation and Development Planning:**

#### **Mitigation Plan:**

Both structural and non- structural measures shall be taken as part of mitigation plan.

Structural mitigation refers to any physical construction to reduce or avoid possible impact of hazards which include engineering measures and construction of hazard resistant and protective structures and infrastructure. Non structural mitigation refers to policies , awareness , knowledge development, public commitment and methods and operating practices including participatory mechanisms and provision of information which can reduce risk with related impacts.

#### **Structural Mitigation Measures:**

- All public buildings like schools , hospitals, health centres should be multi-hazard resilient being built on raised grounds and platforms with retrofitting and having adequate exit gates and fire extinguishers in place.
- Construct multipurpose community shelters in all vulnerable areas.
- Houses built in the area should have multi hazard resilient features keeping in tune with cultural housing practices.
- For water shed management, a study may be conducted by the Sub Division Administration to assess the existing structures and system in place for water shed management and recommends best options for effective watershed management.
- Periodically cleaning, de-silting and deepening of natural water reservoir and drainage channels.
- Construction of irrigation channels, sluice gates may be linked with ponds which could be used as a water resource for enhancing livelihood.

#### **Non- Structural Measures:**

- Risk Transfer Mechanisms: Establishment and strengthening of insurance schemes and policies which would transfer losses the risk due to hazard to a third party. Insurance schemes for crop,cattle, small business and life should be strengthened and promoted to minimize economic losses.
- Formation of group of architects, engineers and masons and trainings for them on building safe infrastructure.
- Alternate safe housing technology along with rainwater harvesting structure is constantly encouraged & mainstreamed for long term vulnerability reduction.Policies and bye- laws could be developed for the same.
- Continuous awareness campaign & encouragement for disaster proof habitat planning at community level including shifting/relocating from low lying areas and villages within embankments to safe raised grounds.
- Disaster management may include first aid , rescue & evacuation as a part of school, college, educational institutions, curriculum starting from primary level.
- The DDMA may suggest conducting research on alternative cropping to reduce adverse effect due to flood, water logging or drought.

### **3.9 Specific Strategies and Projects for Mitigation:**

The following strategies and projects should be adopted at the village level.

#### **A. Villages within Embankment:**

- Houses may be built on stilts as per the community acceptance.Any government or other stakeholder project on housing in the villages must have houses on stilts as a pre-requisition design.
- Each village/community may have a boat which can be kept in the space created by stilts.

- Public buildings like schools and health centres should be designed keeping in mind that the level of mud/land is going to increase each year resulting in submerging parts of building.
- Safe shelters with tube wells and toilets should be constructed on the embankments to house the population when the river spreads within the width of embankments.
- Crops that can be harvested before the onset of flood/monsoon season may be grown in the region to avoid loss due to seasonal flood.

#### **B. Villages next to embankment:**

- Embankment should be monitored, maintained and strengthened compulsorily.
- DDMA should conduct pre-monsoon checks to identify vulnerable pockets/points in the embankment and suggest necessary actions to strengthen it.
- Sluice gates where existing should be made functional and new ones constructed where recommended for river water to pass through when water level rises. Maintenance of sluice gates and latest technologies that minimize accumulation of sand and silt in the passage must be incorporated which comes with the river water.
- Existing ponds should be cleared and new ponds dug to store the water coming through sluice gates which could be used for agricultural or fishery purposes. This could be done utilizing NREGA scheme and based on allocation available under NREGA in the village for the same.
- Crop insurance should be promoted as the region is vulnerable to damage to crops due to drought and seasonal flooding.

#### **C. Villages in Low Lying Areas:**

- DDMA should identify areas where water logging is caused to roads and suggest necessary actions.
- Flood friendly crops that grow well even in presence of inches of water should be grown in the region.
- DDMA suggests the concerned departments to conduct study to design and establish an effective drainage system.
- Sanitation schemes should be especially strengthened by PHED and Health Organization as per the Standard Operating Procedures in the region and special measures should be taken to prevent water borne diseases due to presence of stagnant water.
- Households living in huts in the drainage or within the water logged area should be identified and land should be allocated to them in different parts of village.

#### **D. Villages far from the river:**

- Rain water harvesting should be promoted and supported in the region.
- Tubewells and boreholes should be placed all over the villages so that the source of water is secured.
- Irrigation channels and tubewells use should be promoted amongst farmers. Awareness on the government subsidy on the same should be generated.
- Short term crops should be harvested before the monsoon season and the seasonal crops to be harvested before the onset of winter.
- Crop insurance should be promoted for the region.

### **3.10 Development Plan:**

- All development plans and projects by different agencies shall be consulted widely with different stakeholders, Line Departments, DDMA to mitigate any adverse disaster risks due to development initiative.

- All development plans approved by state /district authorities and flagship programme running in the district should have a special component for disaster mitigation and additional budgets should be earmarked for the same if required.
- DDMA shall make recommendations to all the district departments about possible mitigation cum development projects that could be taken.
- All district departments to take lead for mainstreaming mitigation aspect in their projects and earmark atleast 10 % budget for the same in their plans.
- MPs and MLAs under their respective Local Area Development Program should sanction (a) projects which have taken into account the mitigation/disaster resilient factors (b) projects for mitigation from disaster.
- Continuous planning & execution of plans for providing sustainable livelihood for most vulnerable communities.
- Infrastructure development like construction of irrigation channels, sluice gates, pucca roads, multi purpose safe shelter should be given a priority as it aids both mitigation from disaster and leads to development.
- MGNERGA should be strengthened for the district so that most of the mitigation cum development projects could be locally completed generating local employment.

### **3.11 Institutional Mechanism for Disaster Management in Tamulpur District:**

The basic responsibility of undertaking rescue, relief and rehabilitation measures in the event of natural disasters is that of the State Government concerned. The central government supplements the efforts of the states by providing financial and logistic support. The Sub Division administration is the focal point for implementation of all government plans and activities. The actual day to day relief is the responsibility of the Sub Division Magistrate who exercises co-ordinating and supervising powers over all departments at the district level. Furthermore the local authorities like VCDC can also be effective instruments in tackling disasters through early warning system, relief distribution, providing shelter to the victims, medical assistance etc.

Other than the national, state, district/ Sub Division and local levels, there are various institutional stakeholders who are involved in disaster management at various levels in the country. These include the police and para military forces, civil defence and home guards, fire services , ex-servicemen, NGOs, public and private enterprises , media etc all of whom have important roles to play .

### **3.12 Classification of the Institutions at Sub Division Level:**

- Sub-divisional Level.
- Block Level.
- VCDC Level.
- Community Level.

### **3.13 Classification as per Stakeholders:**

- **Government Stakeholders:** DDMA is an institution constituted as per the National Disaster Management Act-2005 at a district level to ensure effective management and response to any disaster.
- **Line Departments:** The Line departments in the Sub Division are accountable to the Sub Division administration.
- **VCDC:** It is a form of local government body at the district level. It looks after the administration of the rural area of the district. The representatives of the VCDC ensure greater participation of the people and effective development and implementation of the rural programs in the district.

### **3.14 Non- Governmental Stakeholders:**

- Inter agency group: This is platform for co-ordination and collaborative actions among the NGOs present in the Sub Division along with other stakeholders who have roles in disaster management in the Sub Division.
- NGOs: NGOs which are actively working in the Sub Division on various issues including disaster management, capacity building, strengthening community capacities etc.
- Other Stakeholders: These are other stakeholder groups in the district who have resources , capacities etc in one or other form and will be quite useful during disaster times.

### **3.15 Linkages with other Districts, Division, State and National Plans:**

Based on impact of a disaster, the disaster may be classified into the following four categories:

1. L0 Level: It refers to the normal time when there is no disaster like situation. The local administration and all stakeholders are functioning normally. This is the time to focus on Green Book activities.
2. L1 Level: Disasters which can be handled at the district level within the existing resources and capacities. This is the time to focus on Red Book activities.
3. L2 Level: Disasters which are beyond existing capacities of district authorities and need active support from the state agencies.
4. L3 Level: Disasters which are beyond existing capacities of district and state. It needs support from national level agencies.

### **3.16 Management of Level 2 Disaster:**

#### **Key indicators for decision making at L2 Disaster:**

- Vast devastation and life loss in large numbers.
- Break up of response machinery and local administration.
- Large displacement of people.
- Emerging secondary public health risks etc.

Authority for declaration of L2 disaster: State relief commissioner on request from DDMA or directly on advice of state technical agencies and SDMA can declare a particular incident as state level disaster.

#### **Key Actions for L 2 disaster:**

- Seek cooperation of neighbouring district as per existing contingency plans and understanding.
- Request Divisional Commissioner and Relief Commissioner to activate Divisional resources and mechanisms.
- Request SDMA and relief Commissioner, State for activation of State resources and mechanism.
- Preparing for receiving Divisional and state level agencies ( resources) , their quick briefing, plan of actions if possible and deployment support.
- Enable additional capacity of DEOC to support State level resources in coordination.
- Develop strategies for response and recovery in coordination with State authority and other agencies.
- After dealing with immediate priorities, make quick assessment of resources needed in medium and long term from state and make requisitions for the same.
- If needed request for activation of SDRF and other para military capacities at State Level.
- The Incident commander may appoint a separate responsible officer for interaction with Divisional and State agencies.

### **3.17 Support from Indian Armed Forces:**

- The Responsible Officer ( District Magistrate) may ask for assistance of the armed forces when it seems that the district administration is no more capable of functioning in disaster situation.
- The Responsible Officer may ask the assistance of the nearby stationed armed forces.
- The armed forces will work under the Civil Administration in the affected area.
- The Commanding Officer of the operating unit will share the situation report with the Responsible Officer.
- As per the situation, the armed forces will support the medical, food and shelter needs.
- If there is no armed force unit in the district, then the Responsible Officer may ask the Divisional Officer to communicate with the Commanding officer of the armed force unit in that area and ask for his assistance.

### **3.18 Management of Level 3 Disasters:**

Key indicators for decision making of L3 disaster.

- Vast devastation and life loss in large numbers.
- Break up of response machinery and local administration.
- Large displacement of people.
- Emerging secondary public health risks.

Assistance for L3 Disaster: On request from the state government/ASDMA, the central government /NDMA can provide a technical, resource assistance when the damages due to disaster exceed the coping capacity of the affected state.

Key Actions at DDMA Level:

- Seek cooperation of neighbouring as per existing contingency plans and understanding.
- Request the Relief Commissioner to activate Divisional Resource and Mechanisms.
- Request the ASDMA for activation of state resources and mechanism and to do necessary follow up with national authorities.
- Prepare for receiving divisional, State and National Level agencies ( resources) their quick briefing , plan of actions if possible and deployment support.
- Enable additional capacity of DEOC to support/National level resources in coordination.
- Develop strategies for response and recovery in coordination with authorities and other agencies at National & State Level.
- After dealing with immediate priorities , make quick assessment of resources needed in medium and long term from state and make requisitions for the same.
- If needed, request for activation of NDRF/SDRF and other para military capacities at State level/National Level.
- The incident commander may appoint a separate Responsible Officer for interaction with the outside agencies.

### **Support from Armed Forces:**

- The Chairman, DDMA or the Incident Commander may ask for the assistance of the armed forces when it seems that the District is no more capable of functioning in the disaster situation.
- The armed force shall work under the civil administration in the affected area and the commanding officer of the operating unit will share the situation report with the DEOC and DDMA.
- As per the situation the armed force will support the search and rescue, medical, food,shelter,critical logistics and emergency infrastructure needs.

### **3.19 Implementation of the Plan:**

As per the National Disaster Management Act 2005, every district shall have to constitute the DDMA (District Disaster Management Authority). The DDMA shall develop a comprehensive disaster management plan. The prime responsibility at the Sub Division level lies with the DDMA for implementation of the Disaster Management Plan. The DDMA, however from time to time may issue necessary directives/ advisories to the concerned agencies or departments at the Sub Division level to perform certain activities which is binding on the departments.

### **3.20 Responsibility & Accountability of DDMA:**

The DDMA will be responsible for the overall planning, co-ordination and implementation of plan. As per DM Act 2005, the DDMA shall be responsible and accountable to:

- Co-ordinate and monitor the implementation of National and State Policies, National and State Disaster Management Plans.
- Ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the government at the district level as well as by the local authorities.
- Ensure that the guidelines for prevention of disaster, mitigation of its effect, preparedness and response measures as laid down by the National Authority and the State Authority are followed by all departments at the district level, local authorities and other concerned authorities.
- Review the preparedness and response measures to any disaster or threatening disaster and give directions to the departments or the concerned authorities to take measures for the upgradation of the measures.
- Monitor the implementation of DDMP and the plans prepared by the district government departments.
- Lay down guidelines to mainstream the DRR measures in the developmental work to be followed by the government departments at the district level.
- Organize and co-ordinate specialized training programmes for different levels of officers, employees and voluntary rescue workers in the district.
- Lay down guidelines for the preparation of departmental response plan as per the Sub Division Response Plan and ensure that each district department prepare their own departmental plan.
- Set up, maintain and upgrade the mechanism for early warnings and dissemination of proper information to public.
- Lay down guidelines to the government departments at the district level or other district authorities to respond effectively to any threatening disaster or any disaster.
- Coordinate response to any threatening disaster situation or disaster.
- Advise, assist and coordinate government, non-government and other stakeholders engaged in disaster management.
- Co-ordinate, lay down guidelines and provide technical and non-technical support to the local authorities to take prevention, mitigation and other functions effectively.
- Identify safe evacuation sites and make arrangements for the basic evacuation protocol in those sites.
- Establish stockpiles of relief and rescue materials and ensure communication systems are in order.
- Provide information to the State Authority relating to different aspects of disaster management.
- Review and update the District Level Response Plan.
- Perform other activities as assigned by the State Authority or the prompt activities which are necessary for disaster management.



## **Follow up Actions:**

1. At DDMA Level:
  - Prepare a comprehensive contingency specific for each hazard.
  - Prepare a detailed hazard/Risk assessment.
  - Set up DEOC.
  - Ensure establishment of village level task force.
  - Review the DM Plan twice a year and update once in a year.
  - Up-dation of data/information annually.
  - Form an advisory committee to ensure efficient discharge of its functions.
  - Ensure preparation of detailed DM Plan/SOPs in each government department.
  - Prepare a checklist of resources available with all district departments and local authorities.
  - Establish a District Disaster Response Force.
  - Prepare hazard map of the Sub Division.
2. At DEOC Level
  - Prepare a list of manpower and equipment.
  - Prepare a list of all the roads and important infrastructure.
  - Prepare a list of safe shelters.
  - Prepare a list of all means of communication and broadcasting.
3. At ESF Level:
  - Prepare a checklist of resources , tools etc.
  - Prepare a format for minimum standard of resources , materials etc.
  - Prepare a module to conduct training and mock drill.
  - Checklist of all the important contact numbers with postal address.
4. At Government Department Level:
  - Prepare Departmental Disaster Management Plan and specific SOPs.
  - Prepare a detailed Hazard/Risk assessment.
  - Nominate one nodal person for disaster management.
  - Prepare a list of staffs and clearly define their roles and responsibility.
  - Prepare a checklist of resources available within the department.
  - Prepare a list of resources , materials needed for effective discharging of their responsibility and procuring the same.
  - Format for collection of information and proper documentation.
5. At VCDC Level:
  - Nominate members for each committee.
  - Prepare a detail Hazard/risk assessment.
  - Clearly define the role and responsibility of each member.
  - Checklist of resources available within the committee.

## **3.21 Roles of Various Government Departments in Disaster Management::**

### **(I) Health & Family Welfare department::**

#### ***Preparedness:***

- Review district wise health emergency preparedness for hazard risks.
- Develop district health preparedness plan and disseminate the same.
- Develop additional set of plan documents to address mass causality care, hospital emergency plan and related matters.
- Ensure all health care units in the District have a functional Disaster Management plan.
- Undertake hospital safety assessments and identify the shortcomings/gaps to be addressed.
- Ensure that emergency supply stock cater to peak demand.

- Impart skill and training to medical practioners to function during disaster and post disaster situations.
- Work towards developing a cadre of volunteers trained in basic first aid.
- Impart skill and training for private medical practioners/private sector hospitals/ private pharmacy to function during disaster/ post disaster situation.

#### ***Prevention & Mitigation:***

- Evaluate and undertake action measures towards prevention of water and vector borne diseases after severe rainfall/flood event.
- Evaluate all facilities to hazard risks, assessment of health infrastructure and define approach for mitigation & preparedness.
- Create a disease surveillance system to prevent outbreak of any epidemics.
- Develop a safe communication network among select medical facilities across the district.
- Establish necessary power backup measures for primary, secondary and tertiary tier of medical facilities.

#### ***Alert and Warning Stage:***

- Assess current preparedness level and initiate actions towards mobilization.
- Pre-stock of supplies, re-distribute/concentrate flow of supplies to disaster prone areas.
- During the outbreak of diseases undertake vaccination drive or initiate actions as per established protocol.
- Protect the facilities in hazard prone areas and activate the building level emergency response plan.
- Arrange additional services such as back up generators for the supply of electricity.
- Establish command and control, activation of the entire health system in the District.

#### ***Response:***

- Activate the health sector contingency plan.
- Set up relief camps from PHC to District level.
- Assess the availability of medicine, ambulance services, equipment, instruments, medical experts, medical support staff and paramedics from time to time.
- Mobilize pre-determined teams (EMS Team) to address specific health care needs.
- Provide basic medical assistance to the injured and those in the need of first aid.
- Prioritize patient management.
- Activate triage system as per the established protocol.
- Transport the severely sick and injured to main hospitals.
- Establish the field hospitals if the need arises.
- Mobilize the psycho social stabilization team to the affected areas.
- Manage infectious diseases during emergencies.
- Activate the mass causality plan if the need arises.
- Undertake steps towards networking among practitioners and hospital/health facilities.
- Ensure that emergency communication plan is functional at all times.

#### ***Recovery & Rehabilitation:***

- Provide support in recovery operations.
- Carry out impact assessment on health infrastructure.
- Provide support to line departments in recovery and rehabilitation efforts of the communities.
- Provide extra counselling/psychological support to disaster survivors.
- Document actions taken by the department and incorporate lessons learnt.

## **(II) Public Works Department:**

### ***Preparedness:***

- Develop department level preparedness plan.
- Identify core teams of technical/engineering support/decision making in disaster situations.
- Develop manuals and guidelines for safe construction practices.
- Conduct training for staff in latest advancements of engineering, demolition techniques, health monitoring of infrastructure assets, seismic strengthening and retrofitting, critical infrastructure protection etc.
- Maintain inventory list of all key equipment and tools in the state that can be mobilized for response and recovery efforts.

### ***Prevention & mitigation:***

- Integrate risk reduction as a component in design and construction practice of the department.
- Identify weak communication/infrastructure links and develop strategy to minimize disruption.
- Undertake vulnerability assessment of assets and determine mitigation options.
- Establish mitigation fund within the department.
- Ensure/undertake checks to ensure the infrastructure remains in operational condition should disaster occur.
- Preposition of emergency supplies and equipment/tools in high risk concentration areas.
- Undertake prevention/protection/structural rehabilitation/retrofitting measures of critical infrastructure or connectivity links.
- Provide regular capacity building/training for staff to undertake vulnerability assessment of critical lifelines and develop mitigation options.
- Ensure that all construction of the department are in compliance with the Indian Construction Codes of practice (BIS).
- Categorize structural performance/vulnerability assessment on the basis of the performance based design parameters.

### ***Alert & Warning Stage:***

- Undertake emergency repairing measures.
- Determine routes for mobilization of resources.
- Secure tools and equipment in safe locations and preposition if needed.
- Establish emergency communication network.
- Provide equipment support for search & rescue.
- Coordinate the supply of goods & services.
- Undertake damage assessment of life line infrastructure.
- Coordinate temporary repairs to damaged infrastructure.
- Establish missing road links.

### ***Response:***

- Clean and remove debris from communication infrastructure to ease flow of goods and emergency supplies.
- Undertake emergency repair of roads/communication and shoring of buildings.
- Create/provide emergency access in areas in which communication links are lost/damaged severely during the event.

- Undertake construction of temporary structures and supporting structures to provide basic services to the affected population.
- Removal of debris flow, conduct clearance operations and reestablishment of roads and bridges.
- Construction of emergency structures to control flood risk.

***Recovery & Rehabilitation:***

- Participate in conducting of structural damage assessments.
- Undertake detailed damage assessment of critical infrastructure.
- Advise reconstruction / recovery of infrastructure.
- Coordinate, monitor progress and prepare report-repair, reconstruction and strengthening/retrofitting of infrastructure.
- Prepare estimates and undertake repairs/strengthening works.
- Supervise the civil work activities and ensure safe construction practices are streamlined during recovery/reconstruction phase.

**(III) Public Health Engineering Department:**

***Preparedness::***

- Develop departmental disaster preparedness plan.
- Identify in advance emergency groundwater resources resistant to natural and man made disasters that could replace damaged public and domestic drinking water supplies.

***Prevention & mitigation:***

- Develop guidelines for consumption/purification of water during disaster.
- Ensure departmental/public awareness and encourage economic use of water.
- Train departmental engineers in disaster preparedness.
- Plan deployment of departmental staff in the affected areas, delegation of responsibility.
- Maintain emergency stock of supplies (pre-contract agreement with suppliers)
- Undertake conditional assessment of existing infrastructure.
- Undertake risk assessment of the departmental facilities and cite recommendations.
- Protect/strengthen the water supply network with the alternate/supplementary source.
- Undertake protection measures of distribution of infrastructure (pumps, motors and the like)

***Alert & Warning Stage::***

- On receipt of warning, make provisions for acquiring water supply tankers.
- Undertake chlorination programs.
- Protect vital water supply infrastructure from contamination.
- Arrange for alternate energy sources should the electricity grids fail.

***Response::***

- Provide immediate safe drinking water supply in the disaster affected areas.
- Provide immediate safe drinking water supply for conduct of response activities at hospitals, emergency shelters, schools designated as shelters, relief camps.
- Provide latrines/sanitary latrines in relief camps quickly.
- Provide hygienic measures to keep relief camps free from the outbreak of epidemics/health hazards.

***Recovery & Rehabilitation::***

- Assist other line departments and response agencies in identification of potable water.

- Undertake swift actions to restore damaged lines.
- Undertake regular checks to determine key potable parameters of water supplied.
- Restore all service for pre-disaster phase and maintain check on vital quality including bacteriological parameters.

#### **(IV) Transport Department::**

##### ***Preparedness:***

- Carry out conditional survey of all routes and determine risk spots and actions to be taken.
- Determine possible routes for evacuation for all settlements located in severe hazard prone areas.
- Check availability of vehicles/resources for evacuation.
- Develop departmental preparedness plan.
- Prepare inventory of vehicles that can be used for evacuation, dispatch of rescue teams, or emergency supplies.

##### ***Prevention & mitigation::***

- Allocate resources for undertaking structural mitigation activities of the departmental facilities.
- Co-ordinate with the line departments to take actions on identified risk spots or vulnerable stretches and strengthen them if required.

##### ***Alert & warning stage::***

- Make a quick assessment of population that requires evacuation or movement to safe locations/shelters.
- Control and restrict vehicular traffic to risk prone areas.
- Keep emergency vehicles on standby at pre identified locations.
- Ensure sufficient supply of fuel and resources for departmental person to function/undertake activities.

##### ***Response:***

- Facilitate movement of emergency personnel and the equipment to the affected areas.
- Facilitate movement of emergency supplies such as water, food, fuel etc.
- Facilitate movement of emergency medical supplies and first responders to affected sites.
- Move population to safe areas and back on clearance from the administration.
- Facilitate smooth movement of services in disaster affected areas, without causing disruption along regular routes.
- Maintain and operate round the clock connectivity to all areas.
- Control & restrict vehicular traffic to disaster affected areas.

##### ***Recovery & Rehabilitation:***

- Provide recovery support to line agencies.
- Assess damage to transport infrastructure.
- Co-ordinate in the reinstatement of transport services and infrastructure.

#### **(V) Soil Conservation Department:**

##### ***Preparedness:***

- Undertake DM plan preparation for department.

- Undertake conditional survey of existing bunds, channels, water bodies, erosion prone areas, periphery bunds, drainage channels, water bodies that come under its jurisdiction and identify areas for intervention.
- Take short term, medium term & long term preventive measures.
- Help DDMA, to identify the vulnerable areas, infrastructures and incorporate the same in the DDMP.

***Prevention & Mitigation:***

- Conduct vulnerability assessment relating to soil erosion hazard of infrastructure it built or look after.
- Establish mitigation fund and prioritize actions for risk reduction.
- Ensure timely completion of works undertaken before flood season.

***Alert & warning Stage:***

- On receipt of advisory, maintain vigil and undertake inspection works wherever necessary.
- Undertake emergency repair works if necessary.

***Response:***

- Undertake rapid assessment/inspection of damage to the infrastructure.
- Undertake emergency repair of damage infrastructure like water bodies, bunds, agricultural channels and others.

***Response & Rehabilitation:***

- Undertake detail damage assessment.
- Take steps towards speedy repair and complete restoration of infrastructure.
- Process proposals through the DDMA to the government for consideration under SDRF.

**(VI) Irrigation Department::**

***Preparedness:***

- Undertake departmental Disaster management plan preparation.
- Prepare disaster preparedness plan for managing drought or drought like situation.
- Undertake condition survey of existing bunds, irrigation channel & drains that come under its jurisdiction and identify areas for intervention.
- Take short term, medium term and long term preventive measures.
- Help DDMA to identify the vulnerable areas, infrastructures and to incorporate in the DDMP.
- Identify vulnerable points of irrigation structure like head works, aqueduct, Cross drainage including canal embankment and canal system.

***Prevention & Mitigation:***

- Conduct vulnerability assessment relating to flood/drought/erosion of infrastructure it built or look after.
- Establish mitigation fund and prioritize actions for risk reduction.
- Undertake flood protection management measures at vulnerable structure/canal system.
- Maintain canal embankment/ guide bunds/affix bunds including canal structure.

- Conduct pre-monsoon preparedness meeting in April every year to take stock of the current status of the irrigation projects, discuss critical areas, revisit protocol operating procedures, preparedness, checks and others.
- Gather information related to warning of impending floods/droughts based on hydrological and meteorological information.
- Identify drought like areas for necessary steps towards irrigation supply in areas covered under irrigation.

***Alert & Warning Stage:***

- On receipt of advisory, maintain vigil and undertake inspection works whenever necessary.
- Undertake emergency measures to provide water to vulnerable agricultural areas.

***Response:***

- Undertake rapid assessment/inspection of damage to the infrastructure during flood/erosion.
- Undertake emergency repair of damage infrastructure like irrigation drainage, agricultural channels and others.
- Co-ordinate with Agriculture department during drought and drought like situation.
- Activate response plan based on rainfall/weather forecast to combat flood/drought like situation.
- Take immediate protection measures to prevent damage to structure/canal system.

***Recovery &Rehabilitations:***

- Undertake detailed damage assessment.
- Take steps towards speedy repair and complete restoration of infrastructure.
- Process proposals through the DDMA to the Government for consideration under SDRF.
- Undertake possible intervention to minimize further damage.

rtake emergency

# CHAPTER 4

## 4.1 Mitigation & Preparedness:

Pre-disaster phase of planning consists of activities such as disaster mitigation and disaster preparedness. Disaster mitigation focuses on the hazard that causes the disaster and tries to eliminate or drastically reduce its direct effects. The best example of mitigation is the construction of embankments and construction of proper drainage system in flood prone areas to avoid floods. The other example may be the retrofitting of weak buildings to make them earthquake resistant.

And preparedness focuses on plans to respond to a disaster threat or occurrence. It takes into account an estimation of emergency needs and identifies the resources to meet the needs. The first objective of the preparedness plan is to reduce the disaster impact through appropriate actions and improve the capacities and capabilities of the system to strengthen preparedness efforts at community level. Finally it guides reconstruction so as to ensure reduction in vulnerability. The best example of preparedness activities are the development of community awareness and sensitization system through community education and administrative preparedness by way of stockpiling of supplies, developing emergency plans for rescue and relief.

### *Specific Disaster Mitigation Measures:*

#### A. Earthquakes:

Tamulpur Sub Division falls under earthquake Zone V. Hence the following mitigation measures should be taken to minimize the impact of earthquake::

- Adoption of building codes for new construction in various areas.
- Public utility buildings must be located in stable areas or in stiff soil.
- Retrofitting of weak structures.
- Relocation of people settling in the steep slope areas and near the river bank.
- Prohibiting settlement of people at hills.
- Scientific study of dams proposed to construct in Bhutan and follow earthquake resistance measures in order to avoid dam failure.

#### B. Flood Mitigation::

Flood Mitigation refers to the measures aimed at prevention and preparedness. It reduces the actual or probable impact of floods on the people and their environment. Flood especially the flash flood is the common problem of Tamulpur. The flash flood mainly occurs due to heavy rainfall in Tamulpur as well as in the adjacent districts of neighbouring country Bhutan.

The main causes of floods in Tamulpur District are::

- Obstruction in drainage system due to heavy rainfall.
- Increase in siltation in riverbeds due to erosion in the catchment areas and massive deforestation.
- Change of river course because of poor natural drainage system.
- Flash flood caused by release of water from Kurishu river dam located in Bhutan and heavy rainfall in the adjacent districts of neighbouring country Bhutan.
- Breach of weak embankment.

The mitigation measures should be oriented to take proper care of these problems and thus will automatically reduce the impact of flood in the Sb Division. The various measures adopted for flood mitigation may be categorized in two groups—structural and non structural.



### **Structural Mitigation Measures:**

- ✓ Construction of embankments/ floodwalls along with the river bank and improvement of Channel (by WRD).
- ✓ Diversion of Flood water (by WRD)
- ✓ Construction of Dowel bund to stop spilling of river water with earth stack and earth filled cement bags.
- ✓ Careful location of new facilities, particularly community facilities such as schools, hospitals and other important infrastructure away from flood prone areas.

### **Non Structural Mitigation :**

- ✓ Collection of daily rainfall data (by WRD).
- ✓ Flood forecasting and warning through Flood Early Warning System (by WRD, CWC & District Administration)
- ✓ Prepare detailed flood plan map of the Sub Division based on extent of land submerged and assessment of damages. Analyze the pattern of flooding over a period of time (By WRD & District Administration)
- ✓ Plantation in the catchment areas to check soil erosion (by Forest Deptt).
- ✓ Preparation of DMP and awareness programme through IEC material.

### **4.2 Cyclonic Storm:**

Some parts of Tamulpuris also frequently struck by storms during pre-monsoon season causing widespread damage to the crop and other properties. The following mitigation measures can be adopted to reduce the impact of cyclonic storm::

- ✓ Requesting the concerned departments to place key facilities in less vulnerable areas (by DDMA).
- ✓ Planting windbreaks in the most vulnerable locations (by Forest Department).
- ✓ Construction of Strong, wind safe public buildings which can be used for community shelter in settlements (by PNRD& PWD)
- ✓ Crops can be protected by introducing agricultural practices and cultivation of those crops which are more resistant to high winds.
- ✓ Compilation of meteorological data for forecasting of storm (by Department concerned).
- ✓ Public dissemination of information through mass media, poster campaigns and village meetings (by SDIPRO).

### **4.3 Fire Accident:**

Fire accident is very common in Tamulpur District due to various reasons. The following mitigation measures may be taken up to contain fire accident.

- ✓ Installation of fire extinguisher in all the institutions and buildings (by Concern Authority)
- ✓ Use of standard electrical fixtures and appliances.
- ✓ Never use water on live electrical appliances.
- ✓ Keep children away from electrical outlet.
- ✓ Good housekeeping lower the chances of fire starting and combustible materials in premises should be monitored carefully.
- ✓ Use fire retardant display materials wherever possible.
- ✓ Prepare fire escape plan with teachers & parents.
- ✓ Practice fire drills in Schools at periodical interval.

Preparedness action is carried out within the context of disaster risk management and aims to build the capacities needed to efficiently manage all types of emergencies and achieve transitions through to sustained

recovery. Preparedness is based on sound analysis of disaster risks (risk assessment) and good linkages with early warning systems and includes such activities as:

- Contingency planning.
- Stockpiling of equipment and supplies.
- The development of arrangements for coordination.
- Evacuation and public information and
- Associated training and field exercises.

The related term –readiness describes the ability to quickly and appropriately respond when required.

Preparedness actions if undertaken in a timely manner will create conditions for safer and resilient communities. It enhances the spirit of cooperation and collaboration with all sections and institutions of the society.

#### 4.4 District Disaster Preparedness Committee:

The District Disaster Preparedness Committee, Tamulpur would be headed by the Addl. Deputy Commissioner, I/c Tamulpur Sub Division and will identify the high risk areas and vulnerable groups of population in the District. It will bring together the collective strength and resources of the Government and NGOs in addressing all needs of disaster prevention, preparedness, response and mitigation. The committee will ensure the participation and accountability of all the departments in dealing with disasters.

Standard Operating Procedure for Sub Division Administration::

- ✓ The District Commissioner, Chairman will coordinate all disaster management efforts of the district as the Chairman of the Disaster Management Authority.
- ✓ The District Commissioner, I/c Tamulpur Sub Division will coordinate with the Sub Division Level Response Team with the concerned departments/ officers assisting him and a core group of officers constituting the DDMA.
- ✓ Preparation of the Disaster Management Plan.
- ✓ Setting up of District Emergency Operation Centre.
- ✓ Encouraging the formation of Disaster Management Body consisting of Sub-Divisional Officer, Circle Officers, BDOs, home guards and other voluntary agencies.
- ✓ At the disaster site, specific tasks will be given to the designated officers to manage the disasters.
- ✓ A site operation manager (Circle/ BDO) who would be deployed by the Addl. Deputy Commissioner, I/c Tamulpur Sub Division will be the head of the site operation centre.
- ✓ The site manager will coordinate the activities at various camp sites and affected areas.
- ✓ The Site Operation Centres will report to the DEOC directly.
- ✓ The District Commissioner, Chairman with ADC cum CEO DDMA will coordinate all the field responses including setting up of Transit Camps, Relief Camps, Cattle Camps and communicate to the State Relief Commissioner/ ASDMA accordingly.

#### Preparedness Checklist for District Administration:

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Update the DMP (Disaster Management Plan) twice in a year.	Done
2	Check up on communication networks.	Done
3	Update flood and road maps of the district	Done
4	Activate the DEOC	Already activated
5	Convene meetings regularly of the Disaster Preparedness Committee	Done

6	Check the availability of food grains in PDS	Checked
7	Convene NGO coordination meetings/ Prepare a list of credible NGOs working in the Sub Division on Disaster Management	In process
8	Prepare a list of Relief Items for Distribution.	Done
9	Finalize the approved rates in advance for procurement of relief items	In process
10	Prepare a transport plan for evacuation and distribution of relief	Done
11	Prepare a plan for VIPs movement	In process
12	Prepare a media plan for dissemination of information to the people of the Sub Division, local news papers, radio, TV Cable etc.	In process

#### 4.5 Standard Operating Procedure for District Police:

The Superintendent of Police in the District will get in touch with the Addl. Deputy Commissioner,, I/c Tamulpur Sub Division for assistance in rescue, evacuation and emergency relief measures. As disaster may be occurred at any point of time , hence Army may be called for operation to assist the Civil Administration in rendering services in relief & rescue operation.

#### Preparedness Checklist for Police::

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Prepare a deployment plan for the Police/ Security forces	Done
2	Check the availability and readiness of the search & rescue teams from within the District	Done
3	Check wireless communication network and set up links with the DEOC and the Sub-Divisional Emergency Operation Centers, make additional wireless sets available if required	In process
4	Develop a traffic plan for contingencies arising out of Disaster –one way, blocked ways, alternate routes and traffic diversion etc	In process
5	Develop a patrolling plan for critical bundhs/ embankments and marroned villages	Done
6	Keep the boats, vehicles and other Search & Rescue equipments available with the Police in readiness	In process
7	Prepare a plan for the VVIP visits in the affected areas.	In process
8	Identify anti social elements that could create nuisance and take suitable preventive action.	In process

#### 4.6 Standard Operating Procedure for Water Resources Department:

In-charge: Asstt. Executive Engineer, WRD, Tamulpur.

- ✓ Prepare and update the flood risk map.The map should show the river system, canals embankments and irrigation structures. Share the copy of the map with the DEOC.
- ✓ Prepare a contingency plan for repair and maintenance of the bundhs and embankments.
- ✓ Assign –Beatll to Junior Engineers and other functionaries of the Irrigation Department. Prepare a duty chart for In-charge Junior Engineer. Make available the list of I/c JEs to DEOC/ DC office and all the control rooms.
- ✓ Make physical inspection of all the embankments after the last floods for seepage , piping , rat holes and assess needs for repairs and reinforcement. Identify bundhs which are critical for flood protection & control.
- ✓ Prepare a list of critical bundhs/ embankments which needs repairs and reinforcements after the last floods. Submit a list of these bundhs/ embankments to the District Magistrate and the State Government and ask for necessary financial support.
- ✓ Commence repairs of bundhs/ embankments in the month of January every year after surveying the damages of floods last year and ensure that all the repairs are completed before monsoon.

- ✓ Provide special attention to those places where the bundhs/ embankments were breached and repaired during the last floods. These are the bundhs which will be threatened first, when the floods approach.
- ✓ Undertake channel improvement for rivers and canals. Undertake de-silting/ cleaning of canals to improve the flow of river.
- ✓ Check all the siphons and regulators on the bundhs/ embankments and canals. Clean siphons before the monsoon. Increase their capacity or replace them if the size of siphons and regulators is too small to prevent water from flowing in.
- ✓ Check all rain gauge stations and ensure that they are functioning properly. Check that the readings from these stations are available immediately to the WRD. Prescribe a register for recording of rainfall.
- ✓ Check the wireless network connecting flood stations and undertake necessary repairs.
- ✓ Set up the protocol for exchange of information with nearest Bhutan Government for release of Water from Kurishu Dam.
- ✓ Set up a protocol for reporting of flood situation to the DEOC.
- ✓ Keep in readiness essential tool kits and protection material at critical places for emergency deployment. These may include::
  - Empty cement bags.
  - Boulders
  - Ropes
  - Sand
  - Wire Mesh
  - Shovels.
  - Baskets
- ✓ Inform the DDMA about the places where these have been stored.

#### **Preparedness Checklist for Water Resources Department:**

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Check the wireless network and ensure that all the flood stations are connected.	Done
2	Establish mechanisms for exchange of information between WR Tamulpur	Done
3	Inspect all the embankments and check their height and slope	Done
4	Check that all the embankments have been repaired / reinforced in particular those bundhs which are damaged during the last year floods.	In process
5	Check the drainage system of the embankments and ensure that the seepage and rat holes etc have been closed.	In process
6	Check that all the materials required for protecting bundhs/ embankments have been stored at different places and a list of these places has been furnished to the District Administration.	In process
7	Check that the Junior Engineers and other staff have been assigned their beats and all the arrangements for continuous vigilance over these embankments has been made.	In process
8	Check that all rain gauge stations are functional and arrangements have been made to report the readings.	In process
9	Check the regulators and siphons. Check that they have been repaired and cleaned for increasing the flow of water.	In process
10	Check all anti erosion works, necessary to maintain the Bundhs/ embankments.	In process

#### 4.7 Standard Operating Procedure for Health Department:

In-charge: Jt. Director, Health Department, Tamulpur & CMO.

- ✓ Prepare a health contingency plan for the entire district. It should include a list of Civil Hospitals, PHCs, Sub-Centers and the medical personnel. The contingency plan should also include the details of hospitals and medical practitioners in the private sector.
- ✓ Constitute mobile health units consisting of doctors, health workers and ANMs and prepare a deployment plan. Each mobile health unit may cover a number of villages.
- ✓ Determine types of injuries/ illness expected. In case of floods, it should mostly be cases of drowning, snake bites and water borne diseases.
- ✓ Undertake vaccination and health camps in the villages most vulnerable to floods.
- ✓ Secure medical supplies in adequate quantity for dealing with these situations.
- ✓ Ensure adequate supply of blood in the district.
- ✓ Keep one operating facility in each block in readiness. Maintain all the equipment necessary for operations.
- ✓ Prepare maternity facility for pregnant women in every block.
- ✓ Seek mutual aid arrangement with Civil and Military hospitals in the Sub Division.
- ✓ Arrange provision for clean and safe water in all hospitals.

#### Preparedness Checklist for Health Department::

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Prepare a health contingency plan for deployment of health and medical personnel	Done
2	Organize vaccination and health camp in flood prone Villages	In process
3	Ensure necessary stock of medical supplies and blood	Done
4	Organize maternity care centres in every block	In process
5	Keep operative facilities in readiness	In process
6	Seek mutual aid arrangement with private & Army Hospitals	In process

#### 4.8 Standard Operating Procedure for Agriculture Department::

In-charge: Sub-Divisional Agriculture Officer, Tamulpur .

- ✓ Ensure that certified seeds of required varieties are available in adequate quantities. The Agriculture department should work with National Seeds Corporation and other suppliers and ensure availability at their depots or have agents appointed for the same.
- ✓ Visit the disaster affected areas to take a stock of the affected farmers and find out the needs of inputs.
- ✓ Prepare a list of affected farmers and identify feasible area for post cultivation.
- ✓ Print and widely distribute the list of points where certified seeds are available along with names of varieties and rates.
- ✓ Suggest variety of seeds and cropping pattern which can maximize the benefits as well as reduce risks to farmers.
- ✓ Develop a pest and disease monitoring system so that timely steps can be taken to reduce damage to crops.
- ✓ Prepare for post flood programme such as inputs for rabi crops.
- ✓ To keep in readiness of their departmental farm mechanization machineries and equipment.
- ✓ Organize awareness, training and demonstration before and after flood season.

**Preparedness Checklist for Agriculture Department::**

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Check the availability of seeds and disseminate information about the outlets where seeds can be made available.	Done
2	Set up a public information system regarding sowing of crops, alternative crops, pests and application of fertilizers.	In process
3	Prepare a program for spray of pesticides and insecticides after the floods.	In due course of time
4	Plan for awareness, training and demonstration before and after flood.	In due course of time

**4.9 Standard Operating Procedures for Animal Husbandry & Vety Department::**

In-charge: SDVO, Tamulpur.

- ✓ Prepare a list of flood related diseases that are preventable by vaccination. Publicize the information about common diseases affecting livestock and the precautions that need to be taken.
- ✓ Establish control room at Sub Division HQ with specific responsibilities to Sub Division Incident Commander, Information and Protocol Officer.
- ✓ Assist the District Administration in preparing plans for cattle camps and cattle feeding centres.
- ✓ Constitute rapid response team at the Dispensary level.
- ✓ Identify flood prone areas and enlisting population of livestock & poultry to be affected during flood.
- ✓ Organize vaccination campaigns in flood prone villages before, during and after the flood.
- ✓ Prepare kits for livestock & poultry diseases, which could be provided to Veterinary doctors at the block level and Extension Officers at the Village level. Kits can also be provided to the private Veterinary doctors.
- ✓ Keeping up vehicle ready for safe transportation of goods and support staff.
- ✓ Identify raised platform with all the facilities like feeds, fodder and drinking water for providing shelter to livestock during disaster.

Preparedness Checklist for Animal Husbandry & Veterinary Department::

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Publicize the list of common ailments during floods and possible precautions.	Done
2	Organization of vaccination camps for cattle in flood prone Areas	In due course of time
3	Prepare a plan for setting up livestock camps and livestock feeding centers.	In due course of time
4	Prepare kits which could be given to Veterinary doctors and other departmental field staff	In due course of time
5	Identify raised platform with all facilities like feeds fodder and drinking water for providing shelter to livestock during disaster.	Done

**4.10 Standard Operating procedure for PHED:**

In-charge: Asstt. Executive Engineer, Tamulpur.

- ✓ Check all the pumps available with PHED for draining floodwater. All the pumps should be in working condition.
- ✓ Raising the existing hand pumps.
- ✓ Installation of new hand pumps at higher places.
- ✓ Survey all the flood affected villages and find out where the people had taken shelter. Install hand

pumps at such locations. Check these pumps before the monsoon .

- ✓ Keep hand pumps, pipes and sockets in readiness and install them as soon as flood situation arises.
- ✓ Protect pump stations from water logging.
- ✓ Rain water may be harvested during rainy season for alternative drinking water during flood.
- ✓ Plan for community awareness, training and demonstration at vulnerable places for water purification process, preservation process and sanitation methods.

Sl. No	Preparedness Measures	Action Taken/ Remarks
1	Check the condition of pumps for draining flood water. Ensure pumps are working condition.	Done
2	Protect water supply pumps from water logging.	Done
3	Keep hand pumps, pipes and sockets in readiness for installation/ increasing the height of the pipes	Done
4	Obtain a list of temporary shelters where people took shelter during last floods. Prepare for installation of hand pumps at all such locations	In due course of time
5	Maintain adequate stock of chlorine tablets and bleaching powder.	In due course of time

#### 4.11 Standard Operating Procedure for Forest Department::

**In-charge:** RO, Tamulpur&Kumarikata Forest Range

- ✓ Open the forest land for free grazing when flood waters enter villages and there is not enough fodder available.
- ✓ Allow the transportation of fodder from forest areas when the fodder is not freely available. Provide wooden poles, bamboo for relief and reconstruction at subsidized rate. Provide these materials to all the technical departments which need them.
- ✓ To keep in readiness of departmental boat etc.
- ✓ Keep ready for fencing in order to prevent wild animal depredations.

#### Standard Operating Procedure for Public Works Department:

**In-charge::Asstt.** Executive Engineer, PWD,Tamulpur.

- ✓ Clean the area beneath bridges before the monsoon so that flood water can flow more freely.
- ✓ Maintain all the highways and access roads which are critical from the point of view of supplying relief materials.
- ✓ Increase the size of bridges, if necessary so as to prevent breach of roads and bundhs. Smaller bridges may prevent the flow of water.
- ✓ All equipment i.e bulldozers, Crane, Truck etc must be checked and keep in readiness for use in disaster.
- ✓ Keep vigil.
- ✓ Check weak buildings and establishments and take necessary arrangements for retrofitting.

#### 4.12 Standard Operating Procedure for Power Department::

**In-charge::SDE,** Tamulpur Electrical Sub-Division.

- ✓ Protect Power Stations from water logging. Raise the height of compound walls. Arrange gunny bags, install pump sets for draining water.
- ✓ Check the electrical lines on a continuous basis. Switch off the power supply, where the lines have tripped since there are many cases of electrocution.
- ✓ Provide information to the people about the state of electricity supply. It is one of the most important

sources of information.

- ✓ Take special care to ensure that all the critical facilities like Hospitals, Control rooms etc continue to get power and they are functional.
- ✓ Alternative arrangements should be made for emergency services.
- ✓ Check the habitations for illegal and wrong connection of electricity.

#### 4.13 Standard Operating Procedure for Transport Department:

##### Preparedness::

- ✓ Prepare a list of vehicles-trucks, buses, cranes, jeeps, tractors along with the name, address and contact number available in the district and provide the same to the District Control Room i.e DEOC.
- ✓ Provide jeeps and other vehicles for mobile health and animal husbandry teams.
- ✓ Provide trucks, buses and jeeps for evacuation and relief supplies.

#### 4.14 Sector/ Services or Function Specific Preparedness Plan:

Although a single department is featured with primary responsibility, the functions usually spread beyond the capabilities of an individual department. Primary responsibility department will provide the leadership and co-ordination support, technical inputs for conduct of activities as per the intended function.

The following table outlines the primary responsibility and the title of the functional preparedness Plan for various departments at District Level. All concerned departments shall have to submit a copy of DM Plan of their respective department to the DDMA.

Prime responsibility	Department	Plan Title
DM Operations and Plans, Warnings Etc	DDMA	Multi Hazard Early Warning Communication Plan
Medical Care and Health Services	Health & Family Welfare Department	District Medical Emergency Preparedness & Response Plan
Law & Order, Safety & Security	Police Department	Crisis Management Plan
Emergency Response, Search & Rescue	Police, Fire, Civil Defence	Emergency Response Plan for First Responders
Buildings & Life Line Infrastructure/ Communication Infrastructure (Roads & Bridges)	PWD (R&B), Tamulpur	Engineering & Critical Communication Infrastructure Services (Response/ Restoration/ Recovery Plan)
Drinking Water Supply & Sanitation	Public Health Engineering Department	Emergency Water Supply Preparedness Plan
Transport Systems	Transport Department	Emergency Transport Services Plan
Emergency Supply of Food & Basic Needs	Food & Civil Supplies Department	Emergency Supply Plan for Relief Supplies
Broadcasting and relay of Public Information	Information & Public Relation Departments	Emergency Communication Plan
Welfare Services	Social Welfare Department	Human Social Recovery Plan for Emergencies
Flood Protection and River Erosion Management & Drainage Development Works	Water Resources Department	Embankment Protection/ Restoration and Contingency Plan and Flood Contingency Plan.
Power Supply	Power (Electricity) Department	Emergency Power Supply & Restoration Plan
DM Education & School/ Institution Safety	Education Department	School Disaster Management Plan
Vulnerability reduction in Rural Areas	P&RD Department	Village Disaster Management Plan
Livestock Management, Animal Care Services	Animal Husbandry & Veterinary Department	Emergency Animal Care Plan



#### 4.15 Continuing Community Awareness, Education and Training:

In order to build a disaster resilient society, a set of standard actions is required to enhance the capacities of the communities. This includes ability to recognize the hazard, understand appropriate actions for mitigation and response and communication with the larger society. Community is the key stakeholder and action taken across will build resilience. The task in hand of the administration is to maximize the coverage of the population that are at risk and develop mechanisms/ partnerships to keep constant engagement in DM for community in order to prioritize action. Capacity is enhanced through focused and targeted means of awareness building, education and training and practise through drills.

#### 4.16 Training for different Stakeholders:

The DDMA should arrange periodical training programmes for all concerned departments. The trained officials should be entrusted with the responsibility of training the lower level officials and other village level representatives. While organizing training programmes at the Sub Division level the experts may also be invited from reputed institutions. The following DRR (Disaster Risk Reduction) activities may be carried out in the district from time to time:

Sl. No	Name of the Activity	Level of Participants	Time of training
1	Orientation Programme for the Sub Division Level Officials on DM	Heads of Offices of All departments	Twice in a year.
2	Emergency Health Management	Doctors & Paramedics	Once in a Year
3	Training on School Safety & Preparation of School DM Plan	Head Masters, Teaching & Non Teaching Staff, SMCs etc	Once in a Year
4	VO/ NGO co-ordination Workshop	Local VO/ NGO Members working on DM	Once in a Year.
5	Earthquake Preparedness Mock Drill in Schools	At All Schools	Once in a Year.
6	Up-dation of Sub Division Disaster Management Plan	All Members of DDMA	Half yearly/ Quaterly
7	Training on earthquake preparedness & Mitigation	Engineers/ JEs	Once in a Year.
8	Rapid Visual Screening	Engineers/ JEs	Once in a Year.
9	Specialized training on Task Forces on S&R, First Aids	VDPs/ VCDC Members/ Village Youths/ AW etc	Once in a Year.
10	Community Awareness Programme on DM	Village Community	Once in a Year.

#### 4.17 Simulation exercises/ Mock Drill:

Regular or Annual exercises / emergency Drills / Mock Drills provide the opportunity to validate the Disaster Management Plans at all levels. The procedures are put to test any gaps and if identified can be addressed in —normal timel. One of the significant benefits of conducting exercise/ drills is to provide the opportunity to network with all agencies and all levels in real time. Co-ordination between all actors is crucial and face to face interaction during such exercises and participate in the de-brief meetings gives an opportunity to work together.

## CHAPTER: 5

### **Disaster Response:**

As per DM Act 2005, Disaster Management arrangements in the State are based upon partnerships between National, State, District/ Sub Division and Local Authority. This partnership recognizes each level of Disaster Management Arrangements Levels of Disasters have already been categorized in the previous chapter as L0, L1, L2 & L3 based on the ability to deal with them.

Response activities are sequence of required actions including conduct of search and rescue, mobilization of emergency equipment services and undertake operations to keep population and assets away from harm. Response requires immediate activation of functions, high level planning, knowledge of nature of hazards/disaster, interpretation of warning, gathering of structural information, mobilization/deployment of resources and demonstration of coordination skills while undertaking operations.

The partnership across all authorities is to work collaboratively and ensure coordination and planning at all times, information sharing and resource mobilization that are necessary for disaster management. In any response situation, the initial efforts would always be taken by the Sub Division Administration. However when the Sub Division is overwhelmed in any situation, the support necessarily has to come from the State and the National Level. The Responsible Officer (RO) i.e Addl. Deputy Commissioner, i/c Tamulpur Sub Division within its jurisdiction will trigger the activation of various level of disaster.

### **5.1 Role of Circle Officer in Disaster Response:**

The Revenue Circle Officer will lead the response within the revenue circle. They will maintain communication and information sharing arrangement with all the field level officials of different departments and oversee their preparedness for acting on the Standard Operating Protocol for different disaster. It will be the responsibility of the Circle Officer to keep the DDMA informed of all the developments in the revenue circle area and coordinate the response activity.

The Circle Officer will always keep an updated copy of the Circle Disaster Management Plan and the Disaster Management Plan and Resource inventory including Flood Hazard map prepared by ASDMA.

### **5.2 Incident Response System (IRS):**

The guidelines for IRS has been issued by the NDMA (National Disaster Management Authority) under sec 6 of the DM Act, 2005 for effective, efficient and comprehensive management of Disasters in India. The objective is to minimize loss of life & property by strengthening and standardizing the disaster response mechanism in the country.

The IRS is an effective tool for reducing the scope for ad-hoc measures in response. It incorporates all the tasks that may be performed during disaster irrespective of their complexity. It envisages a composite team with various sections to attend all the possible response requirements. The IRS identifies and designates officers to perform various duties and get them trained in their respective roles.

### **3.2 IRS Organization:**

The IRS organization functions through Incident Response Team (IRT) in the field. The Responsible Officer (RO) will be the overall in-charge of the Incident Response Management. The RO may however, delegate responsibilities to the Incident Commander who in turn will manage the Incident through IRTs. The IRTs will be pre designated at all levels, state, district/Sub-Division and the Revenue Circle. On receipt of the early warning, the RO will activate them. In case a disaster occurs without any warning, the local IRT will respond and contact RO for further support, if required.

**Command Staff:**

The command staff comprises of an Incident Commander (IC), Information & Media Officer (IMO), a Safety Officer (SO) and a Liason Officer (LO). The main function of the Command Staff is to assist the Incident Commander in the discharge of his functions.

**General staff:**

The General Staff has 3 (three) components viz. Operation Sections, Planning Section and Logistics & Finance Section.

**Operation Section (OS):**

The OS section is responsible for directing the required tactical actions to meet incident objectives. Management of disaster may not require immediate activation of all branches. Expansion of the OS depends on the enormity of the situation and number of different types and kinds of functional groups required in the response management.

**Planning Section (PS):**

The PS Section is responsible for collection, evaluation and display of incident information, maintaining and tracking resources, preparing the Incident Action Plan (IAP) and other necessary incident related documents. They will assess the requirement of additional resources, propose from where it can be mobilized, and keep IC informed. This section also prepares the demobilization plan.

**Logistics & Finance Section:**

The L&F Section is responsible for providing facilities, services, materials, equipment and other resources in support of the Incident Response. The Section chief participates in development & implementation of the IAP, activates and supervises Branches and Units of Section. In order to ensure prompt and smooth procurement and supply of resources as per financial rules, the Finance Branch has been included in the LS.

**5.4 District Level Incident Response Team:**

The District Commissioner, I/c Tamulpur District as a Responsible Officer (RO) will decide on activating the Sub Division Level Incident Response Team (IRT) depending on the magnitude of an emergency. In case of any disaster, that requires activation of the Sub Division Level Incident Response Team, the RO and the other IRT members will operate from DEOC.

The General Staff (Operation Section Chief, Planning Section Chief & Logistic Section Chief) of the District Level Incident Response Team will activate their respective sections as per IRS organizational structure if required.

Operation Section Chief will activate Strike Teams depending on the nature of the emergency i.e Fire & Emergency Services in case of fire, SDRF in case of emergency needs, search & rescue operation and others. All information will flow upward to the Incident Commander from respective sections through the Section Chief.

Activation of full IRT or partial activation will depend on the magnitude of the emergency and that will be decided by the Addl. Deputy Commissioner, I/c Tamulpur Sub Division as Responsible Officer. In case, one person is designated to look after two different functions of IRT, he or she will discharge the two functions separately. Incident Commander will pass on the information to the Responsible Officer who in turn will pass the information to the Government at the State HQ.

## 5.5 Assistance from Government of India/NDRF for Emergency Response:

- ✓ Requisition of NDRF is to be made for L2 & L3 disaster only.
- ✓ Requisitioning Authority for NDRF are::
  - I. Principal Secretary, Disaster Management/ Relief Commissioner.
  - II. CEO, ASDMA.
  - III. Deputy Commissioners.
- ✓ Requisition may be sent to MHA/NDMA/HQ DG NDRF/ NDRF Bn in the prescribed format.
- ✓ Law & order and safety of the NDRF responders will have to be ensured by the District Administrations.
- ✓ For demobilization after operation, clearance from the local authority is required.

### Air Force::

In case the Air Force assistance is required, Air Force may be approached by the District Administration by providing exact co-ordinates with the prescribed format.

However, while requisitioning, the following procedures must be followed::

- ✓ The Sub Division Authorities will have to provide specific information on the kind of assistance required i.e rescue, dropping relief materials etc.
- ✓ In case of relief operation, good relief has to be provided by the Sub Division Administration including logistics to air base and depute a representative.
- ✓ For Air transport of personnel, details of the passengers are to be mentioned in advance,. However, in case of airlift of marooned personnel the procedure may be completed to flight.

## 5.6 Mobilization of resources for response from adjacent districts:

In the event of requirement of resources including SDRF personnel from one or more districts to respond to a disaster, the DDMA will request the concerned DDMA or DDMA's with intimation to the concerned Divisional Commissioner & State Level Heads of the concerned department/agencies. The Divisional Commissioner will coordinate the mobilization of resources from one district/ Sub Division to another within his jurisdiction and issue necessary direction for demobilization of the same after the disaster is over.

### Key Activities:: Before stage of Response::

This stage of response determines the tracking of the potential event/ hazard and likelihood of causing an effect within a known boundary.

- ✓ Coordinated IEC activities should be initiated well in advance.
- ✓ Mock drill of preparedness should be carried out twice in a year. The mock rehearsal should start from the DEOC itself. This will help in finding out level of preparedness for the District level functionaries.
- ✓ Make separate plan of operation and list of required materials, tools machineries for each kind of disaster.
- ✓ Train the rescue forces with the equipment and specialize them for different types of disaster by experts.
- ✓ Train the village level volunteers/ villagers/ VDC members etc for helping the affected people for the disaster.
- ✓ Half yearly review of the stock of men, materials and machineries of all line departments.
- ✓ Approach to SDMA for any kind of assistance to the line departments for up keeping their machineries and strengthening the resources.
- ✓ Warning system through Police Control Room (24X7), DIPRO/AIR.
- ✓ The Incident Command Officer shall organize regular coordination meeting with all DM Committee

members, Head of Offices, Public leaders, NGOs, Senior Citizens in consultation with the Chairman.

**Key Activities:: During stage of Response**

This stage refers to the period when the influence of hazard has begun to show its impacts on the local environment. ESFs are activated and actions are initiated to respond to the situation.

- ✓ Immediate activation of disaster coordination centres.
- ✓ Disseminate the warning of disaster from DEOC to all concerned by using mass communication, SMS, Public announcement etc and ask the people who are likely to be affected to take shelter in safer places.
- ✓ Immediate deployment of emergency response teams to clear the route of search & rescue and also to clear the traffic from the route of rescue.
- ✓ During the time of response, the CEO, DDMA shall liaise with all the Heads of Offices, public leaders and other organizations and initiate prompt measures to prevent loss of human lives and property damage.
- ✓ The CEO, DDMA shall initiate immediate necessary measures for evacuation, organize search and rescue teams in consultation with the concerned member which have been entrusted with the responsibility.
- ✓ If necessary, the DDMA will initiate to set up Relief Camp for the affected people in a safer place and ensure proper supply of safe drinking water, electricity, medical facilities and rations etc with the help of concerned departments to the relief camp.

**Key Activities:: After stage of Response**

This is a phase when all coordination for response comes to an end. Standard minimum requirements of services are in place and the community is on the verge to move into recovery phase.

- ✓ The nature of State intervention and support.
- ✓ Suitability of the organization and Support.
- ✓ Institutional Arrangements.
- ✓ Adequacy of operating procedures.
- ✓ Monitoring mechanism.
- ✓ Informal tools.
- ✓ Equipment
- ✓ Communication System etc.

The impact of studies on the aforesaid operations for long preventive and mitigation efforts are to be undertaken. Evaluation exercise may be undertaken to understand the perceptions about disaster response in terms of ::

- ✓ Adequate of training.
- ✓ Alert and warning system.
- ✓ Control room functions.
- ✓ Communication Plans.
- ✓ Security.
- ✓ Containment.
- ✓ Recovery Procedures.
- ✓ Monitoring.

### **District Emergency Operation Centre (DEOC)**

The DEOC aims for an effective and realistic Disaster Management Plan in order to make optimal utilization of all kinds of resources to prevent the loss to lives as well as minimize the loss of property ensuring fastest restoration of situations. During any disaster, the DEOC will function in IRS principle.

#### **6.1 Purpose of DEOC/ District Control Room::**

- To monitor and coordinate and implement the actions/ activities for effective disaster responses as well as management of available resources.
- In case of any disaster, the DEOC will be headed by the The Chairman, DDMA exercising emergency power to issue directives to all departments to provide emergency response services.
- DEOC will coordinate with the SEOC for appropriate support and smooth flow of information.
- The DEOC will be manned round the clock for emergency responses.

In the absence of the District Commissioner, Chairman , DDMA, ADC cum CEO, DDMA will be the overall in-charge or any officer on duty entrusted with the responsibility by the Chairman. The person in- charge shall personally be responsible for implementation of the SOP. She/He shall be responsible to take all decisions as outlined below and sign on behalf of the Addl. Deputy Commissioner, I/c Tamulpur Sub Division on all reports mentioned below:

#### **Assembly in DEOC:**

All members of the DDMA shall assemble on getting any information from any source about the emergency situation immediately at DEOC. The Officers are::

1. District Commissioner-Chairman, DDMA, Tamulpur.
2. ADC cum CEO, DDMA, Tamulpur.
3. SP, Tamulpur.
4. SDO (S), Tamulpur.
5. Revenue Circle Officers.
6. SDIPRO, Tamulpur.
7. SOs of Fire & Emergency Services, Tamulpur.
8. SDM& HO, Tamulpur/Kaurbaha.
9. Asstt. Executive Engineer, PWD, Tamulpur.
10. Asstt. Executive Engineer, WRD, Tamulpur.
11. SDWO, Tamulpur.
12. All Officers/ Staff of emergency Section.

#### **6.2 Preparatory Action for DEOC:**

The following preparation steps need to be taken up for keeping the DEOC functional during emergency::

- ✓ If necessary install additional phone line connection at DEOC.
- ✓ Keep the radio with new batteries ready, generators sets to keep ready.
- ✓ Adequate quantity of POL to be stocked for running the generators.
- ✓ Charge the VHF sets and testing to be done.
- ✓ Keep adequate nos. of 4 (four) wheeler ready for emergency operations.
- ✓ Alert all field level officers like BDOs/ COs/ Health Officials/ Veterinary Doctors/ Telephone Operators/ ADOs/ JEs of PHED, PWD, WRD, Irrigation, ICDS functionaries/ P&RD functionaries etc.

### **Staffing for Sub Division Control Room:**

The Control Room will act as the nerve center for the district to tackle the emergency situations and the staffs will co-ordinate with the line departments for timely response in Disaster Preparedness and Management at the district level. For normal time and emergency situations an emergency Officer and two Support staff will also be engaged to ensure 24 hours running of DCR at the time of need on a temporary basis. The Addl. Deputy Commissioner, I/c Tamulpur Sub Division & Chairman DDMA will notify Emergency Officer and Support Staff for effective operation of the DCR. Apart from the staff of Sub Division Administration, Addl. District Commissioner, I/c Tamulpur Sub Division may request the order department to depute support staff during emergency.

### **Roles & Responsibilities of Emergency Officer**

The Emergency officer will be the in-charge of the Sub Division Control Room. His roles and responsibilities will be to monitor, co-ordinate and implement the actions for disaster management. He should look after the safety and well keeping of the infrastructure available at Sub Division Control room. He should look at the facilities provided in D.C.R., which are always in good working condition and should ensure that the Control Room manned round the clock. The responsibilities of the emergency Officer is to

- Ensure that all warning and communication system, instruments are in working condition.
- Receive information on disaster on a routine basis from the Sub Division line departments on the vulnerability of the various GPs/VCDCs and villages through proper channel (Revenue Circle and Block)
- He will receive reports on preparedness from the relevant Sub Division level departments and other departments, as per information details. These will be forwarded to the emergency Operations center, Concern Disaster Management team through Addl. Deputy Commissioner, I/c Tamulpur Sub Division on regular basis.
- Update data bank and maintain an inventory of resources half yearly and ensure the inventory of resources, materials and equipment accessible to district control Room.
- Inform Addl. Deputy Commissioner, I/c Tamulpur Sub Division, State Disaster Control Room, CEO ASDMA about any changes including updating of data bank and Annexure/Formats.
- Monitoring preparedness measures, training activities including mock drill exercise undertaken by various departments.
- Ensure proper dissemination of Disaster Management Plan at the Sub Division level, local level and disaster prone areas.
- Organize post-disaster evaluation and update Disaster Management plan accordingly.
- Prepare reports and documents on district level disaster events and submit the same to Addl. Deputy Commissioner, I/c Tamulpur Sub Division, CEO, ASDMA. The documents should include:
  - Source and cause of the disaster
  - Description of the response effort
  - Recommendation for preventive and mitigation measures
  - Plans for upgrading emergency preparedness and response plans

## EMERGENCY RESPONSE STRUCTURE

Sl No	Officials	Responsibilities
1	District Commissioner, Chairman, DDMA	<ul style="list-style-type: none"> <li>▪ Emergency Meeting.</li> <li>▪ Overall disaster management.</li> <li>▪ Fixation of responsibilities to different officials</li> <li>▪ Instruction to block level officials.</li> </ul>
2	Addl. District Commissioner cum CEO, Tamulpur	<ul style="list-style-type: none"> <li>• Interaction with collection and other official regarding situations.</li> <li>• Placement of forces of relief operations.</li> </ul>
3	C.M.O/ SDM&HOs	<ul style="list-style-type: none"> <li>• Stock and storage of medicine at different points as well as in sub points.</li> <li>• Allocate distribution and deployment of different staff for speedy health services.</li> <li>• Temporary Distribution points as well as setting up of delivery mechanism.</li> <li>• Vehicle deployment and establish of mobile Vans/Ambulances.</li> </ul>
4	Emergency Officer.	<ul style="list-style-type: none"> <li>• Control Room and allied functions.</li> <li>• Collection of statistics and compilation of report and returns.</li> </ul>
5	Food & Civil Supply Officer	<ul style="list-style-type: none"> <li>• Collection &amp; diversion of food and other materials for affected area.</li> <li>• Stock positions at different locations.</li> </ul>
6	Fire Officer	<ul style="list-style-type: none"> <li>• Deployment of Fire Brigade in case of Fire Accident.</li> </ul>
7	DTO/MVI	<ul style="list-style-type: none"> <li>• Requisition of vehicle.</li> <li>• Allocation of duty to vehicle and issue POL</li> </ul>
8	SDIPRO	<ul style="list-style-type: none"> <li>• Information &amp; Communication facilities.</li> <li>• Warning dissemination.</li> <li>• Setting of temporary installations for Communication.</li> </ul>
9	SDSWO	<ul style="list-style-type: none"> <li>• Allocation of duty to area to voluntary Organization after consultation with Deputy Commissioner.</li> <li>• Organizing Relief materials for Resource Tracking.</li> </ul>
10	SDIPRO	<ul style="list-style-type: none"> <li>• Information sharing line officials.</li> </ul>
11	EE/ AEE, Irrigation, PWD, WRD, PHED,	<ul style="list-style-type: none"> <li>• Updation of the situation.</li> </ul>

### 6.3 Scope of work for the District Control Room/ DEOC:

#### Warning or Occurrence of Disaster:

#### During Emergency:

- Event tracking and early warning dissemination.
- To collect and transmit information regarding matter relating to natural calamity.
- Mapping of vulnerable areas.
- Database on civil society organizations and their activities.
- Database on volunteers.
- Facilitate regular meeting of civil society organizations and updates.
- Flow of information to Central Control Room in Special Relief commissioner office and SDMA.
- District level training of officials and NGOs in emergency response.
- Man and material management in emergencies with proper inventorization.



<b>WARNING DISSEMINATION PHASE:</b>				
<b>ADDL. DEPUTY COMMISSIONER, I/C TAMULPUR SUB DIVISION&amp;CHAIRMAN DDMA</b>				
<b>To collect information on:</b>	<b>Activity</b>	<b>Person Responsible</b>	<b>Resources require-to be sourced from</b>	<b>Time frame and remarks.</b>
Evening warning	Regular monitoring of the activities of the District control Room.	DCR, EO, DIPRO/ SDIPRO	Communication equipment to be procured much before probable disaster season.	48 hours prior to any warning.
Rain forecast	Monitoring of rain recording	EE/AEE, WRD	Proper functioning of rain gauge.	On daily basis
	Monitoring of weather sites	Person Responsible for	Internet connectivity at	On daily basis
	staff	District Control Room	District control Room	
Water level in the Dam & Release of water from Dam.	Standing orders to WRD, CWC to provide details of water level	EE/AEE, WRD, Tamulpur and Emergency Staff	Close communication with the EE, WRD	On daily basis
Warning to District Authorities in the downstream side of Dams	Inform officials Positioned at the downstream through mobile phone,	Emergency Officer, Volunteers.	VHF, Internet, VSAT phone, Jeeps with Loud speakers	12 hours before release of water from the dam
	SMS, WT SDIPRO.			

**CMO/ Jt. Director, Health/ SDM& HO, Tamulpur/ Kaurbaha :**

Keep close Contact with the Deputy Commissioner And the Emergency Officer.	Give latest report on any health hazard, Epidemic of Death due to Natural causes Like cold burst, Lighting etc.	Doctors and other paramedical staff Of the district	Telephone, Fax, Computer, Internet.	Immediately.
Ensure Information reached to the health workers at field level.	Keep a database of all the contact telephone number/other Means of communication,	Doctors and other paramedical staff Of the district	Vehicles of Health Department and hired vehicle from private operations.	Immediately upon receipt of message.
Collect information on health status on a daily basis.	Activate and constantly monitor the disease surveillance system.	Member of the emergency health Team,	Telephone, Fax, Computer, Internet.	Daily
Feed back to the Addl. Deputy Commissioner, I/c Tamulpur Sub Division	Give the daily feedback on the action taken and anticipated problems.	SDMOs, MOs, Media		Daily

S.P.:				
To collect information on:	Activity	Person Responsible	Resources Required-to be Sourced from	Time frame and remarks.
Alert the police force to be vigilant and take hold of the Law and order situations.	Messages to all P.S. through VHF and Telephones	OICs, VHF Control, Telephone Operators	Proper Functioning of the equipments.	Immediately upon receipt of warning
To arrest and take into custody the rumours, mongers	Similar instruction to all PS and outposts	Staff of the police department		Immediately upon receipt of warning
Deployment of force in the calamity area action.	Delegate forces to the areas likely to face any disaster	Staff of the police department		-Do-
Alert fire brigade for action.	Contact the Fire station officer	Staff of the police department		-do-
Calm down general public.	Give proper warning with careful use of word to prevent chaos and panic among public.	Appropriate instruction to people Disseminating warning of any sort.		-do-
Emergency Officer				
Publicity of warning received.	Through public address system News bulletins through DIPRO.	DIPRO/ SDIPRO, Station Director AIR, Local News Channel	Jeeps with loudspeakers	
Inform State Control room and other district authorities	Prior collection of telephone numbers of all persons with disaster Management Experience	Staff of emergency cell.	Computer, Stationery etc.	Normal times and updated at regular intervals
Alert all concerned Depts. like H&FW, WRD, PHD, PWD	Inform them about the gravity of the situation	Officials of all depts..		

## CHAPTER 7

### BUILD BACK BETTER PLAN

#### 7.1 Recovery & Reconstruction Plan

Disaster recovery and reconstruction is an important phase of Disaster management. It includes both long term and short term interventions. These interventions are to be carried by at different levels and different terms are placed at different location for effective disaster management.

##### A. Designated Officers

Sl. No.	Different level	Designated Officer
1	Village Level	School Building/Community Hall/Religious place
2	Circle Level	CO Officer/Police Station/School Building/College Building
3	Sub-Divisional Level	SDO Officer/SP/Police Station/School Building/College Building

##### B. 4-TIER TEAMS

##### 1. Village Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Person	Agencies to assist Nodal Person
1	Flood/Cloud Burst/Flash Flood/ Cyclone	GaonBurah/VCDC Leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers
2	Fire accidents	GaonBurah/VCDC leaders	-do-
3	Road & Boat Accident including bomb blast & ethnic clashes	GaonBurah/VCDC leaders	-do-
4	Earthquake	GaonBurah/VCDC leaders	-do-
5	Drought	GaonBurah/VCDC leaders	-do-
6	Wild Animal Depredation	GaonBurah/VCDC leaders	-do-

NB: The Nodal person will be responsible to inform about any eventuality of the disaster to the nearest police station, WD stations, administrative officers and nodal agencies at Circle, Sub-Divisional and Dist. HQ by quickest means (telephone, mobile, WT sets, runners).

##### 2. Circle Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Person	Agencies to assist Nodal Agencies
1	Flood/Flash Flood/Storm	COs/OC police station	AE/JEs of all work departments, , PSUs, MOs, VCDC leaders, All Welfare Association & Organizations, NGOs, SHGs, Volunteers

2	Fire Accidents	COs/OC police station	-do-
3	Road & Boat Accident including bomb blast & ethnic clashes	COs/OC police station	-do-
4	Earthquake	COs/OC police station	-do-
5	Drought	COs/OC police station	-do-

NB: The nodal Person will be responsible to inform about any eventuality of the disaster to the nearest police station, WD stations, administrative officers and nodal agencies at Circle, Sub-Divisional and Dist. HQ by quickest means (telephone, mobile, WT sets, runners).

### 3. Sub-Divisional Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Person	Agencies to assist Nodal Agencies
1	Flood/Flash Flood/Storm	SDO/SDPO/OC police station	AE/JEs of all work departments, BRO, PSUs, MOs, VCDC leaders, All Welfare Association & Organizations, NGOs, SHGs, Volunteers
2	Fire Accident	SDO/SDPO/OC police Station	-do-
3	Road & Boat Accident including bomb blast & ethnic clashes	SDO/SDPO/OC police station	-do-
4	Earthquake	SDO/SDPO/OC police Station	-do-
5	Drought	SDO/SDPO/OC police Station	-do-
6	Wild animal Depredation	SDO/SDPO/OC police Station	-do-

NB: The nodal Personal will be responsible to inform about any eventuality of the disaster to the nearest police station, WD stations, administrative officers and nodal agencies at Circle, Sub-Divisional and Dist. HQ by quickest means (telephone, mobile, WT sets, runners).

### 4. Sub Division Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Person	Agencies to Nodal Person
1	Flood/ Flash Flood/Storm	EE/AEE PWD/WRD	MP, MLAs, EM-BTAD, AllHODs, BRO, PSUs, VCDC leaders, All Welfare Associations, organizations, NGOs, SHGs Volunteers
2	Fire Accident	SP/Fire Station Officers	-do-
3	Road & Boat Accident including bomb blast & ethnic clashes	SP/CMO/DTO	-do-
4	Earthquake	EE PWD	-do-
5	Drought	DAO/SDAO/EE/AEE, Irrigation/EE/AEE PHED	-do-
6	Wild Animal Depredation	DFO/ROs/DAO/ SDAO/EE/AEE PWD	-do-

### C. Grievances Redress Time Framework Plan

#### 1. Short Term Management(90 days)

Type	Category of Hazard with the capacity to lead to Disaster	Activities
1	Flood/Flash Flood/ Storm	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelter, temporary latrine, water disposable pits and drainages, trauma counseling, reopen/re-establish all schools, offices and business establishments.
2	Fire Accidents	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelter, temporary latrine, water disposable pits and drainages, trauma counselling.
3	Road & Boat Accident including bomb blast & ethnic clashes	Evacuation to nearest medical facility (including air evacuation), regular traffic movement and mob control, trauma counselling, mass casualty management facilities
4	Earthquake	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelter, temporary latrine, water disposable pits and drainages, trauma counselling, reopen/re-establish all schools, offices and business establishments.
5	Drought	Organize alternative cropping pattern, counselling, revival of irrigation facilities

#### 2. Long Term management (90 days to 3 years)

Type	Category of Hazard with the capacity to lead to Disaster	Activities
1	Flood/Flash Flood/Storm	Construction repair, maintenance of infrastructures (building, road, Bridges, drainages, sewages), retrofitting of old structures; provide awareness, training, capacity building including mock drills. Undertaking employment generation activities. Reopen/re-establish all schools, offices and business establishments.
2	Fire Accident	Construction, repair, maintenance of affected properties. Provide awareness, training , capacity building including mock drills. Activate employment generation activities.
3	Road & Boat Accident including bomb blast & ethnic clashes	Provide awareness/ training, capacity building, traffic regulation, regular mobile courts, Construction/ repair/ maintenance of affected properties, Establishment of mass casualty management centre.
4	Earthquake	Construction repair, maintenance of infrastructures (building, road, Bridges, drainages, sewages), retrofitting of old structures; provide awareness, training, capacity building including mock drills. Undertaking employment generation activities. Reopen/re-establish all schools, offices and business establishments

5	Drought	Educate people to go for alternative and mixed cropping pattern, provide awareness/training, capacity building, and Activate employment generation activities. Counseling, construction of irrigation channels, drip and sprinkler water irrigation, rain water harvesting, ground water irrigation.
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### C. Charter of Roles & Responsibilities:

SL No.	Nature of work	Designated Officers	
1	Supply & distribution of essential commodities and relief items (including requisition, rationing, air dropping of food items)	ADC, SDO(HQ), Dy. SP, Asstt Director FC & CA	ADC/SDO will head the team at Sub-Divisional level and CO will head the team at Circle level
2	Health education, First Aid, Supply of Medicine	ADC,SDO(HQ), CMO/SDM&HOs	
3	Water Supply & Sanitation and awareness generation	AC,EE/AEE-PHED	
4	Arrangement of power Supply	AC,SDE Power	
5	Arrangement of clothing	AC(GA), Asstt. Director Handloom & textile	
6	Arrangement of Shelter	Nazir, DEEO/BEEO/ IS/Dy IS/ HM/PRI members Designated emergency centers to be notified by Dist Administration	
7	Arrangement of Transport Ferry and air sorties/evacuations	ADC, CMO SS-ASTC, DTO	
8	Employment generation-urban area	Asstt. Director Town 7 Country Planning, DL & EO	
9	Employment generation-urban area	PD(DRDA), BDOs, DL& EO	
10	Repair/ reconstruction (buildings, bridges, roads, drainages, sewages, power supply, water supply etc.)	BRO, EE(PWD, WRD, Power, irrigation PHED, Drilling), PD, Asstt. Director Town & Country Planning, PSUs	
11	Maintenance of Law & Order	ADC, I/c Tamulpur Sub Division, SP, AC(J), OCs	
12	Trauma Counselling	CMO, Administrative officers, NGOs	
13	Resource/Fund mobilization	ADC,I/c Tamulpur Sub Division, All HODs	
14	Damage & Loss Assessment Team	To be constituted by DDMA	
15	Collection and Dissemination of Information	SP, DIO, SDIPRO, Local Media, Spoke Person will be designated by DDMA	
16	Re-opening and re-establishment of all offices, institutions and business establishment	Sub Division Aministration, All HODs, Public representatives panchayat members, Public Leaders, All Welfare Association & Organization, NGOs, SHGs, Volunteers,	

## CHAPTER 8

### 1. Tamulpur Revenue Circle

1. List of Flood Affected Villages and CDMC Members in Tamulpur (Circle Wise) with contact numbers in Tamulpur
2. All Stakeholders of the Circle with their contact details.
3. Circle Level Resource Teams
4. Details of Relief Camp
5. Categorization under flood prone village under Tamulpur Rev. Circle
6. Stakeholders under Tamulpur Rev. Circle Contact Details
7. List of Lot Mandals under Tamulpur Rev.Circle

#### **List of Flood Affected Villages and CDMC Members in Tamulpur District (Circle Wise).**

#### **TAMULPUR REV. CIRCLE DISASTER MANAGEMENT COMMITTEE:**

Sl No.	Members	Designation	Contact no.
1.	Elima Kandulna, Circle Officer, Tamulpur	Chairman	6901624064
2.	Asstt. Director, Food and Civil Supply, Tamulpur	Member	88129-25909
3.	Block Development Officer, Tamulpur Dev. Block	Member	93654-64922
4.	Block Development Officer, Nagrijuli Dev. Block	Member	91011-29004
5.	SDM&HO, Tamulpur	Member	98591-20371
6.	Asstt. Engineer/ Jr. Engineer from Borolia Irrigation, Tamulpur Sub-Division	Member	98640-36346
7.	Asstt. Engineer/ Jr. Engineer from WRD, Tamulpur Sub-Division	Member	94357-32953
8.	Asstt. Engineer/ Jr. Engineer from PHED, Tamulpur	Member	80113-05304
9.	Agriculture Development Officer, Tamulpur	Member	70020-40758

10.	CDPO, Tamulpur	Member	94355-36629
11.	AH & Veterinary Officer, Tamulpur	Member	88128-83689
12.	OC, Tamulpur Police Station	Member	99549-49432
13.	I/c, Kumarikata Out Post	Member	60013-81978
14.	I/c, Nagrijuli Out Post	Member	75759-05123
15.	I/c, Darrangamela Out Post	Member	84028-22467
16.	I/c, Gandhibari Out Post	Member	95081-66696
17.	I/c, Kaurbaha P/P	Member	70026-27064
18.	Fire Department, Rangia	Member	913621-240517

#### ALL STAKEHOLDERS OF THE CIRCLE WITH THEIR CONTACT DETAILS

Sl. No.	Designation	Name	Contact No.
1.	Circle Officer, Tamulpur	Elima Kandulna, Circle Officer, Tamulpur	6901624064
2.	Field Officer, DM	Mammu Ramchiary	78366-78390
3.	Senior Assistant	NaleswarBasumatary	88128-87979
4.	Junior Assistant	AnsaigraBasumatary	70025-43611
5.	SK (I/C)	BipulBasumatary	96134-49443
6.	LM	GolapRajbonshi	94018-89490
7.	LM	MakibSaikia	93653-24985
8.	LM	Dharmeswar Deka	99542-79005
9.	LM	Ashok Kr Marak	93652-74120
10.	LM	Aswini Kr Barman	86384-35363
11.	LM	BipulKalita	99577-31793
12.	LM	Biren Deka	80117-55527
13.	LM	Binod Kachari	69010-21781
14.	LM	Bijit Brahma	99547-03462
15.	LM	Junu Das	86380-72978



16.	LM	Bhubeneswar Muchahary	60013-73835
17.	LM	BimanjyotiDEka	69008-86683
18.	LM	Dwijyoti Ray	91012-60290
19.	LM	Prabir Kr Choudary	60032-14286
20.	LM	Rajesh Moshahary	88110-39419
21.	LM	AraiswrangDaimari	88110-39457
22.	LM	Nirban Brahma	96783-05810

**CIRCLE LEVEL RESOURCE TEAM (Tamulpur)**

Sl.No	Designation	Department/Agency
1	Circle Officer	Land,Revenue and DM
2	Medical Officer	Veterinary Dept,Tamulpur
3	Jr. Enginner	PHE,Tamulpur
4	Jr. Engineer	Agriculture Dept,Tamulpur
5	Sub Engineer	Water Resource Dept,Tamulpur

**SEARCH AND RESCUE TEAM:-Contact Person. S.P., Tamulpur, PH-60269-01249**

Sl.No	Designation	Department/Agency
1.	Addl. SP, Tamulpur	Police
2.	Station-Officer & I/C SDRF, Fire Station, Tamulpur/Goreswar/Rangia	Fire & Emergency Service
3.	Asstt. Executive Engineer PWD (Rural Roads)	PWD (RR)
4.	Asstt. Executive Engineer PWD (State Roads)	PWD (SR)
5.	Indian Army	Tamulpur/Mushalpur

**FIRST AID TEAM:** Contact Person: Jt. Director Health Services, (Jalah)

Sl.No	Designation	Department/Agency
1	SDM & HO, Tamulpur	Health
2	Platoon Commander, Home Guards	Home Guard
3	Social Welfare Officer, Tamulpur	Social Welfare
4	Veterinary Officer, Tamulpur	A. H. Veterinary

**SHELTER MANAGEMENT TEAM:-Contact Person: ADC (Rev.& DM ) ,Tamulpur,Ph No:86382-35494**

Sl.No	Designation	Department/Agency
1	ADC ( Disaster Management)& Circle Officer	Administration
2	Project Director, DRDA, Baksa/ BDO, Tamulpur and Nagrijuli	DRDA
3	Addl. S.P. Tamulpur	Police
4	Transport Officer, Baksa	Transport
5	Dy Inspector of Schools, Tamulpur	Education

6	Block Elementary Education Officer,Tamulpur	Education
7	Asst Engineer, PWD (BLDG)	PWD (BLDG)
8	SDO, ASEB, Tamulpur	Electricity

**RELIEF MANAGEMENT TEAM:-**Contact Person: ADC (Rev. &DM), Tamulpur,Ph-86382-35494

Sl.No	Designation	Department/Agency
1	ADC, Disaster Management, Tamulpur	Administration.
2	Superintendent of Police, Tamulpur	Police Administration.
3	Asstt. Director, Food, Civil Supply&Comsumer Affairs	Food, Civil Supply& Consumer Affairs
4	Circle Officer ,Tamulpur	Revenue.
5	PRI Members	PRI

**DAMAGE ASSESSMENT TEAM:** Contact Person:ADC (Rev.&DM ), TamulpurPh.No. 86382-35494

Sl.No	Designation	Department/Agency
1	ADC, Disaster Management, Tamulpur	Administration.
2	Project Director, DRDA, Baksa/ BDO, Tamulpur and Nagrijuli	DRDA.
3	Circle Officer ,Tamulpur	Revenue
4	All concerned Department	HoD of all department

**PATROLLING TEAM:-** Contact Person: S.P. , Tamulpur,Ph-60269-01249

Sl.No	Designation	Department/Agency
1	Superintendent of Police, Tamulpur	Police Administration
2	The Chairman, CDMC,Tamulpur	Revenue
3	The Chairman	VLMCC/VCDC
4	Volunteers	Civil Defence, NYK,NGO

#### **NAME OF THE VULNERABLE VILLAGES ZONE-WISE**

##### **KUMARIKATA ZONE:**

Sl No.	Name of the Vulnerable Villages for flood	Name of In-charge Officer	Shelter Place for Flood affected people
1	Namcharia	Smti. HironmoniSaharia, BDO Tamulpur,87420-35373	NamchariaBaisagi LPS
2	Polokata		Pub Kumarikata MES
3	Kandulimara		Mazdia Girls MES

##### **TAMULPUR ZONE**

Sl No.	Name of the Vulnerable Villages for flood	Name of In-charge Officer	Shelter Place for Flood affected people
1	Hahkata	Shri Charan Narzary, BDO Nagrijuli, 91011-29004	Paschim Hahkata LPS
2	Teteliguri		No.2 Teteliguri LPS
3	NizDefeli		Paschim Baraliapar LPS

# **CATEGORIZATION OF FLOOD PRONE VILLAGES UNDER TAMULPUR REVENUE CIRCLE**

Sl No.	Reveue Circle	Villages	Flood Hazard Classification
1.	Tamulpur	No.3 Dongargaon	Less Vulnerable
2.		Bhalukmari	
3.		Ghilajhar	
4.		Baltipar	
5.		No.2 Piplani	
6.		Teteliguri	
7.		Guakuchi	Moderate
8.		Chapatal	
9.		Hahkata	
10.		Balabari	
11.		Kandulimara	Less Vulnerable
12.		Polokata	
13.		Namcharia	
14.		Madarbari	
15.		Borbilla	Moderate
16.		Ghogapar	Less Vulnerable
17.		Kalcheni	
18.		Surpara	
19.		Sarubalisiha	
20.		Uttar Gandhibari	
21.		DakhinGandhibari	
22.		Uttar Goalbera	
23.		DakhinGoalbera	
24.		Jokmari	
25.		Niz-Defeli	

## DETAILS OF RELIEF CAMPS

Details of Pre- identified Relief Camps															
S. N.	Name of the pre identified Relief Camps	Name of Relief Camp Incharge	Name of Village	Name of Circle	Specific Details Related to the Pre-Identified Relief Camps									Mobile Number of Relief Camp Incharge	Address of Relief Camp Incharge
					Total inmates capacity	No of Rooms Available	Number of Drinking Water Source available	Number of Non Drinking water sources	No of Wash Basin available	No of rooms available for CFS	No of Spaces available for Breast Feeding corner	No of Toilets for women/ girls	No of Play grounds for children		
1	Amayapur MV	Gakul Ch Das	Chapat al	Tamulpur	100	4	1	1	1	1	Yes	1	1	84866 40390	Amayapur
2	Hahkata Balabari ME	Ranjit Das	Hahkata, Balabari	Tamulpur	100	4	1	1	1	1	Yes	1	1	98594 22261	Nalbari
3	No1 Madarbari LP	Prabin Daimary	Madarbari	Tamulpur	60	2	1	1	1	1	Yes	1	1	97070 39120	Madarbari
4	587 No. Tetaliuri L.P. School	Basant a Talukdar	Barbila	Tamulpur	120	5	1	0	1	1	Yes	1	1	98595 50126	Kalakuchi
5	Kandulimara ME	Anil Ch Medhi	Kandulimara	Tamulpur	100	4	1	1	1	1	Yes	1	1	93651 02867	Kandulimara
6	1212 No Barbhera LP	Bubul Das	Charanjungle	Tamulpur	120	4	1	1	1	1	Yes	1	1	60017 27785	Tamulpur
7	Paschim Tamulpur Girls ME	Prafulla Medhi	Chapat al, Guwakuchi	Tamulpur	60	2	1	1	1	1	Yes	1	1	60003 54308	Kalakuchi
8	Paschim Tamulpur HS	Sunil Mazumdar	Chapat al, Guwakuchi, Barbila	Tamulpur	120	5	1	1	0	1	Yes	1	1	98548 90187	Bareigaon
9	No2 Dangargaon Mainao LP	Ansum a Baro	No.2 Dangargaon	Tamulpur	100	4	1	1	1	1	Yes	1	1	91018 29783	Dangargaon
10	260 No Gandhibari LP	Prafulla Das	Dakhin Gandhibari	Tamulpur	100	4	1	1	1	1	Yes	1	1	87966 71070	Gandhibari
11	No2 Dangargaon LP	Mahendra Ray	No.2 Dangargaon	Tamulpur	100	4	1	1	1	1	Yes	1	1	80114 11450	Dangargaon
12	Bishnuiyoti Girls ME	Rina Das	Balabari, Chapat al	Tamulpur	100	4	1	1	1	1	Yes	1	1	91013 46477	Mazdia

13	Balabari LP School	Bhupen Dekar	Balabari	Tamulpur	50	1	1	1	1	1	Yes	1	1	6000974958	Tamulpur
14	Kalbari HS	Naren Baro	Ghogmari, Geruwa, Bhakatpara, Barangabari, Jokmari, Kalbari	Tamulpur	120	5	1	1	1	1	Yes	1	1	6001737492	Bareigaon
15	Adarsha Milan MEM	Atowar Rahman	Barbila	Tamulpur	100	4	1	1	1	1	Yes	1	1	9101689622	Guwakuchi

**List of Lot-Mondals with Rev.Villages under Tamulpur Revenue Circle, Dist: Tamulpur.**

SI NO	Name of LM	Lat No	Name of Village	Mouza	Remarks
1	Bipul Basumatary (9613449443)	1	N.C Darranga	Kumarikata	N.C Village
2	Bipul Basumatary (9613449443)	1	Darranga Mela	Kumarikata	
3	Bipul Basumatary (9613449443)	1	Hatiduba	Kumarikata	
4	Bipul Basumatary (9613449443)	1	Sashipur	Kumarikata	
5	Bipul Basumatary (9613449443)	1	Khairani	Kumarikata	
6	Bipul Basumatary (9613449443)	1	Karkhela	Kumarikata	
7	Bipul Basumatary (9613449443)	1	Patkijuli	Kumarikata	
8	Bipul Basumatary (9613449443)	1	Horotola	Kumarikata	
9	Bipul Basumatary (9613449443)	1	Kalajhar	Kumarikata	
10	Bipul Basumatary (9613449443)	1	Sukanjuli	Kumarikata	
11	Bipul Basumatary (9613449443)	1	No1 Paharpur	Kumarikata	
12	Araiswrang Daimary(8811039457)	2	Barbhera	Kumarikata	
13	Araiswrang Daimary (8811039457)	2	Kumarpara	Kumarikata	
14	Araiswrang Daimary (8811039457)	2	Uparcharia	Kumarikata	
15	Araiswrang Daimary (8811039457)	2	Kuhipar	Kumarikata	
16	Araiswrang Daimary (8811039457)	2	Rowmari	Kumarikata	
17	Araiswrang Daimary (8811039457)	2	Chechapani	Kumarikata	

18	Araiswrang Daimary (8811039457)	2	Kadonga	Kumarikata	
19	Araiswrang Daimary (8811039457)	2	Charanjangal	Kumarikata	
20	Golap Rajbongshi(9394660097)	3	Balahati	Kumarikata	
21	Golap Rajbongshi (9394660097)	3	1No Darrangapar	Kumarikata	
22	Golap Rajbongshi (9394660097)	3	Belkhuti	Kumarikata	
23	Golap Rajbongshi (9394660097)	3	N.C Angarkata	Kumarikata	N.C Village
24	Golap Rajbongshi (9394660097)	3	Bori Angarkata	Kumarikata	
25	Golap Rajbongshi (9394660097)	3	Matangapar	Kumarikata	
26	Golap Rajbongshi (9394660097)	3	Bahbari	Kumarikata	
27	Golap Rajbongshi (9394660097)	3	Doha Angarkata	Kumarikata	
28	Golap Rajbongshi (9394660097)	3	2 No.Darrangapar	Kumarikata	
29	Prabir Rai Choudhury(9954396494)	4	Jogeshpur	Kumarikata	
30	Prabir Rai Choudhury (9954396494)	4	Gopinathpur	Kumarikata	
31	Prabir Rai Choudhury (9954396494)	4	1 No.kalipur	Kumarikata	
32	Prabir Rai Choudhury (9954396494)	4	2 No.kalipur	Kumarikata	
33	Prabir Rai Choudhury (9954396494)	4	3 No.kalipur	Kumarikata	
34	Prabir Rai Choudhury (9954396494)	4	4 No.kalipur	Kumarikata	
35	Prabir Rai Choudhury (9954396494)	4	Khoirabari	Kumarikata	
36	Prabir Rai Choudhury (9954396494)	4	Pukhuripar	Kumarikata	
37	Prabir Rai Choudhury (9954396494)	4	Mesguri	Kumarikata	
38	Prabir Rai Choudhury (9954396494)	4	Ambari	Kumarikata	
39	Prabir Rai Choudhury (9954396494)	4	Batabari	Kumarikata	
40	Prabir Rai Choudhury (9954396494)	4	Panbari	Kumarikata	
41	Prabir Rai Choudhury (9954396494)	4	Singramari	Kumarikata	
42	Monoram Basumatary(6000636650)	5	1 No.Batiamari	Kumarikata	
43	Monoram Basumatary (6000636650)	5	Bhangbari	Kumarikata	
44	Monoram Basumatary (6000636650)	5	Phahurabari	Kumarikata	
45	Monoram Basumatary (6000636650)	5	Latibari	Kumarikata	

46	Monoram Basumatary (6000636650)	5	Daimabari	Kumarikata	
47	Monoram Basumatary (6000636650)	5	Ekrajuli	Kumarikata	
48	Monoram Basumatary (6000636650)	5	Pakribari	Kumarikata	
49	Makib Saikia(9365324985)	6	Chandranagar	Kumarikata	
50	Makib Saikia (9365324985)	6	Bihangapur	Kumarikata	
51	Makib Saikia (9365324985)	6	Tarungaon	Kumarikata	
52	Makib Saikia (9365324985)	6	2 No.Kawlipar	Kumarikata	
53	Makib Saikia (9365324985)	6	Bishnupur	Kumarikata	
54	Makib Saikia (9365324985)	6	Chandanpur	Kumarikata	
55	Makib Saikia (9365324985)	6	Nabingaon	Kumarikata	
56	Daimusmita Daimary(7002469983)	7	Paharpur	Kumarikata	
57	Daimusmita Daimary(7002469983)	7	Narayanpur	Kumarikata	
58	Daimusmita Daimary(7002469983)	7	Harinchara	Kumarikata	
59	Daimusmita Daimary(7002469983)	7	Siddhinathpur	Kumarikata	
60	Daimusmita Daimary(7002469983)	7	Motigaon	Kumarikata	
61	Daimusmita Daimary(7002469983)	7	1 No.Khusungjuli	Kumarikata	
62	Daimusmita Daimary(7002469983)	7	2 No.Khusungjuli	Kumarikata	
63	Daimusmita Daimary(7002469983)	7	1 No.Kawlipar	Kumarikata	
64	Golap Rajbongshi (9394660097)	8	Hazaragaon	Kumarikata	
65	Golap Rajbongshi (9394660097)	8	Sarubhera	Kumarikata	
66	Golap Rajbongshi (9394660097)	8	Bhalukjhar	Kumarikata	
67	Golap Rajbongshi (9394660097)	8	Kumarikata	Kumarikata	
68	Golap Rajbongshi (9394660097)	8	Bherakhat	Kumarikata	
69	Golap Rajbongshi (9394660097)	8	Ambari-Sarubhera	Kumarikata	
70	Golap Rajbongshi (9394660097)	8	Garoghutu	Kumarikata	
71	Golap Rajbongshi (9394660097)	8	Sirishghutu	Kumarikata	
72	Golap Rajbongshi (9394660097)	8	Rangapani	Kumarikata	
73	Golap Rajbongshi (9394660097)	8	Simulubari	Kumarikata	
74	Junu Das (8638072978)	9	Kotahbari	Kumarikata	

75	Junu Das (8638072978)	9	Kandulimara	Kumarikata	
76	Junu Das (8638072978)	9	Polokata	Kumarikata	
77	Junu Das (8638072978)	9	Namcharia	Kumarikata	
78	Junu Das (8638072978)	9	Borkajuli	Kumarikata	
79	Junu Das (8638072978)	9	Koliakur	Kumarikata	
80	Junu Das (8638072978)	9	Nengurkata	Kumarikata	
81	Junu Das (8638072978)	9	Dumuria	Kumarikata	
82	Junu Das (8638072978)	9	Padmapara	Kumarikata	
83	Junu Das (8638072978)	9	Salmara	Kumarikata	
84	Junu Das (8638072978)	9	Gowalbil	Kumarikata	
85	Golap Rajbongshi (9394660097)	1	1No. Jamguri	Pub-Baska	
86	Golap Rajbongshi (9394660097)	1	2No. Jamguri	Pub-Baska	
87	Golap Rajbongshi (9394660097)	1	1No. Ulubari	Pub-Baska	
88	Golap Rajbongshi (9394660097)	1	2No. Ulubari	Pub-Baska	
89	Golap Rajbongshi (9394660097)	1	Natun Howly	Pub-Baska	
90	Golap Rajbongshi (9394660097)	1	Nowakhat	Pub-Baska	
91	Golap Rajbongshi (9394660097)	1	Charivella	Pub-Baska	
92	Golap Rajbongshi (9394660097)	1	1No. Bandguri	Pub-Baska	
93	Golap Rajbongshi (9394660097)	1	2No. Bandguri	Pub-Baska	
94	Golap Rajbongshi (9394660097)	1	Sapkata	Pub-Baska	
95	Golap Rajbongshi (9394660097)	1	Dolongpar	Pub-Baska	
96	Binod Kachari(6901021781)	2	Dongpar	Pub-Baska	

SI NO	Name of LM	Lat No	Name of Village	Mouza	Remarks
97	Binod Kachari(6901021781)	2	Geruapar	Pub-Baska	
98	Binod Kachari (6901021781)	2	Ramechuburi	Pub-Baska	
99	Binod Kachari (6901021781)	2	1No. Pub-Howly	Pub-Baska	
100	Binod Kachari (6901021781)	2	2No. Pub-Howly	Pub-Baska	
101	Binod Kachari (6901021781)	2	Kachubari	Pub-Baska	
102	Binod Kachari (6901021781)	2	Souraguri	Pub-Baska	



103	Binod Kachari (6901021781)	2	Ghogmari	Pub-Baska	
104	Binod Kachari (6901021781)	2	Dakhin-Chuburi	Pub-Baska	
105	Binod Kachari (6901021781)	2	Kalbari	Pub-Baska	
106	Binod Kachari (6901021781)	2	Barangabari	Pub-Baska	
107	Aswini Kr Barman(863843563)	3	Dimilapar	Pub-Baska	
108	Aswini Kr Barman (863843563)	3	Dighilipar	Pub-Baska	
109	Aswini Kr Barman (863843563)	3	Charangbari	Pub-Baska	
110	Aswini Kr Barman (863843563)	3	Billpar	Pub-Baska	
111	Aswini Kr Barman (863843563)	3	Bhakatpara	Pub-Baska	
112	Aswini Kr Barman (863843563)	3	Bareigaon	Pub-Baska	
113	Aswini Kr Barman (863843563)	3	Punia	Pub-Baska	
114	Aswini Kr Barman (863843563)	3	Madarbari	Pub-Baska	
115	Aswini Kr Barman (863843563)	3	Tamulpur	Pub-Baska	
116	Monoram Basumatary(6000636650)	4	Amayapur	Pub-Baska	
117	Monoram Basumatary(6000636650)	4	Balahbari	Pub-Baska	
118	Monoram Basumatary(6000636650)	4	Hahkata	Pub-Baska	
119	Monoram Basumatary(6000636650)	4	Mazdia	Pub-Baska	
120	Monoram Basumatary(6000636650)	4	Kahibari	Pub-Baska	
121	Monoram Basumatary(6000636650)	4	Chapatol	Pub-Baska	
122	Bipul Kalita(9957731793)	5	Guwakuchi	Pub-Baska	
123	Bipul Kalita (9957731793)	5	Kalakuchi	Pub-Baska	
124	Bipul Kalita (9957731793)	5	Teteliguri	Pub-Baska	
125	Bipul Kalita (9957731793)	5	Barbila	Pub-Baska	
126	Bhubneswar Mushahary (6001373835)	6	Chokamari	Pub-Baska	
127	Bhubneswar Mushahary (6001373835)	6	Jhargaon	Pub-Baska	
128	Bhubneswar Mushahary (6001373835)	6	Barkhata	Pub-Baska	
129	Bhubneswar Mushahary	6	Barkhopa	Pub-Baska	

	(6001373835)				
130	Bhubneswar Mushahary (6001373835)	6	Batiamari	Pub-Baska	
131	Bhubneswar Mushahary (6001373835)	6	Ghogapar	Pub-Baska	
132	Dharmeswar Deka(9954279005)	7	Barbelbari	Pub-Baska	
133	Dharmeswar Deka(9954279005)	7	Baraliapar	Pub-Baska	
134	Dharmeswar Deka(9954279005)	7	Gerua	Pub-Baska	
135	Dharmeswar Deka(9954279005)	7	SoruBelbari	Pub-Baska	
136	Ashok Kr.Marak (970104902)	1	Bimalanagar	Defeli	
137	Ashok Kr.Marak (970104902)	1	Mahendranagar	Defeli	
138	Ashok Kr.Marak (970104902)	1	Hastinapur	Defeli	
139	Ashok Kr.Marak (970104902)	1	1No.Bagarikhuti	Defeli	
140	Ashok Kr.Marak (970104902)	1	2 No.Bagarikhuti	Defeli	
141	Ashok Kr.Marak (970104902)	1	Natunkhuti	Defeli	
142	Ashok Kr.Marak (970104902)	1	Arangajuli	Defeli	
143	Ashok Kr.Marak (970104902)	1	1 No.Dongargaon	Defeli	N.C Village
144	Ashok Kr.Marak (970104902)	1	2 No.Dongargaon	Defeli	N.C Village
145	Ashok Kr.Marak (970104902)	1	3 No.Dongargaon	Defeli	N.C Village
146	Ashok Kr.Marak (970104902)	1	4 No.Dongargaon	Defeli	N.C Village
147	Makib Saikia (9365324985)	1	Goibari	Defeli	
148	Makib Saikia (9365324985)	2	Ekrabil	Defeli	
149	Makib Saikia (9365324985)	2	Joypur	Defeli	
150	Makib Saikia (9365324985)	2	Gonespur	Defeli	
151	Makib Saikia (9365324985)	2	Sahpur	Defeli	
152	Makib Saikia (9365324985)	2	Bhaoraguri	Defeli	
153	Makib Saikia (9365324985)	2	Baltipar	Defeli	

154	Makib Saikia (9365324985)	2	Khatarbari	Defeli	
155	Makib Saikia (9365324985)	2	No.2 Pipleni	Defeli	
156	Makib Saikia (9365324985)	2	Kalcheni	Defeli	
157	Makib Saikia (9365324985)	2	Tebitola	Defeli	
158	Makib Saikia (9365324985)	2	Laopara	Defeli	
159	Makib Saikia (9365324985)	2	Kumbhijar	Defeli	
160	Bimanjyoti Deka (6900886683)	3	Simlubari	Defeli	
161	Bimanjyoti Deka (6900886683)	3	Fehuajhar	Defeli	
162	Bimanjyoti Deka (6900886683)	3	Geruapar	Defeli	
163	Bimanjyoti Deka (6900886683)	3	Barbalishia	Defeli	
164	Bimanjyoti Deka (6900886683)	3	Mazgari	Defeli	
165	Bimanjyoti Deka (6900886683)	3	Kachukata	Defeli	
166	Bimanjyoti Deka (6900886683)	3	Surpara	Defeli	
167	Bimanjyoti Deka (6900886683)	3	Dakhin Dongargaon	Defeli	
168	Bimanjyoti Deka (6900886683)	3	Ghilajhar	Defeli	
169	Bimanjyoti Deka (6900886683)	3	Barimakha	Defeli	
170	Bimanjyoti Deka (6900886683)	3	Bhalukmari	Defeli	
171	Bimanjyoti Deka (6900886683)	3	Baraliapar	Defeli	
172	Bimanjyoti Deka (6900886683)	3	Dowamakha	Defeli	
173	Bimanjyoti Deka (6900886683)	3	Ahiabari	Defeli	
174	Bimanjyoti Deka (6900886683)	3	Sarubalishia	Defeli	
175	Aswini Kr Barman (863843563)	7	Pub-Kachukata	Defeli	
176	Aswini Kr Barman (863843563)	7	Uttar-Gandhibari	Defeli	
177	Aswini Kr Barman (863843563)	7	Dakhin - Gandhibari	Defeli	
178	Aswini Kr Barman (863843563)	7	Jokmari	Defeli	
179	Dwipjyoti Ray (9101260290)	8	Sontola	Defeli	
180	Dwipjyoti Ray (9101260290)	8	Niz-Defeli	Defeli	

181	Dwipjyoti Ray (9101260290)	8	Uttar Golbera	Defeli	
182	Dwipjyoti Ray (9101260290)	8	Dakhin Golbera	Defeli	
183	Bimanjyoti Deka (6900886683)	Addl.Lat	Dwarkuchi	Panduri	
184	Bimanjyoti Deka (6900886683)	Addl.Lat	Chiknibari	Panduri	
185	Bimanjyoti Deka (6900886683)	Addl.Lat	Khudragarkona	Panduri	
186	Bimanjyoti Deka (6900886683)	Addl.Lat	Pathalikuchi	Panduri	
187	Bimanjyoti Deka (6900886683)	Addl.Lat	Kekerikuchi	Panduri	
188	Bimanjyoti Deka (6900886683)	Addl.Lat	Tinipukhuri	Paschim-Banbhag	

## 2. Goreswar Revenue Circle

In pursuance of the office memorandum; the Circle Disaster Management Committee (CDMC) vide No.RGR (RRR) 521/2019/1 Dated 26/05/2021 was formed in Goreswar Revenue Circle of Tamulpur District constituting the following members for immediate effect.

### GORESWAR REV. CIRCLE DISASTER MANAGEMENT COMMITTEE:

**The members of the CDMC:**

SI No.	Members	Designation	Contact no.
1	Manash Jyoti Borah, ALRS, Circle Officer, Goreswar Rev. Circle	Chairman	70027-20805
2	Mridul Hazarika, OC Goreswar Police Station	Member	91013-04605
3	Dr. Jyoti Kalita, SDMO, Kaarbaha BPHC	Member	95087-30828
4	Kailash Roy, BDO Goreswar Dev. Block	Member	98643-36314
5	Babul Rajbongshi, AEE Water Resource Department	Member	93654-33284
6	Niranjan Hajowary, Agriculture Dev. Officer, Goreswar	Member	98540-31226
7	Danswarang Basumatary, Agriculture Dev. Officer, Khandikar	Member	70020-40758
8	Manoj Kr Brahma, AEE, PWD Goreswar	Member	86384-29004
9	Tuniram Mili, AEE Suklai Serfang Irrigation	Member	98643-88510

10	Kunal Kashyap Thakuria, JE, PHED Goreswar	Member	70027-80228
11	Dr. Pritam Hazarika ,VO ,State Vateriaary Dispensary, Goreswar	Member	70025-86646
12	Dr Rinku Deka, VO State Vateriaary Dispensary Gurmow.	Member	96135-61064
13	Khargeswar Boro, BEEO Goreswar	Member	70024-42204
14	Kriti Daimary, Beat Officer, Forest and Environment, Bhogpur, Goreswar	Member	99542-23641
15	Jayanta Das, CDPO, Goreswar	Member	94350-23320
16	Hemen Medhi, SDE Rangia APDCL	Member	98592-58334
17	Hemanta Sarma, JE Water Resource Tamulpur	Member	70026-59568, 94357-32953
18	Amulya Ingti, Inspector, Fire & Emergency Service Camp, Goreswar.	Member	81349-97545
19	Mridul Kr. Das, Field Officer (DM)	Member Secretary	88763-90835

#### **CIRCLE LEVEL RESOURCE TEAM (Goreswar)**

Sl.No	Designation	Department/Agency
1	Circle Officer	Land,Revenue and DM
3	Field Officer,DM	Disaster Management
4	Medical Officer	Veterinary Dept,Tamulpur
5	Jr. Enginner	PHE,Tamulpur
6	Jr. Engineer	Agriculture Dept,Tamulpur
7	Sub Engineer	Water Resource Dept,Tamulpur

#### **SEARCH AND RESCUE TEAM:-Contact Person., S.P., Tamulpur,PH-60269-01249**

Sl.No	Designation	Department/Agency
1.	Addl. Superintendent of Police, Tamulpur	Police
2.	I/c, Fire Station, Goreswar	Fire & Emergency Service
3.	Asstt. Executive Engineer PWD (Rural Roads)	PWD (RR)
4.	Asstt. Executive Engineer PWD (State Roads)	PWD (SR)
5.	Indian Army	Goreswar

#### **FIRST AID TEAM: Contact Person: Jt. Director Health Services, (Jalah)**

Sl.No	Designation	Department/Agency
1	SDM & HO, Kaarbaha	Health
2	Platoon Commander, Home Guards	Home Guard
3	Social Welfare Officer, Tamulpur	Social Welfare
4	Veterinary Officer, Tamulpur	A. H. Veterinary

**SHELTER MANAGEMENT TEAM:-Contact Person: ADC (Rev.& DM ) ,Tamulpur,Ph No:86382-35494**

Sl.No	Designation	Department/Agency
1	ADC ( Disaster Management)& Circle Officer	Administration
2	Project Director, DRDA, Baksa/ BDO, Goreswar	DRDA
3	Addl. S.P. Tamulpur	Police
4	Transport Officer, Baksa	Transport
5	Dy Inspector of Schools, Tamulpur	Education
6	Block Elementary Education Officer,Goreswar	Education
7	Asst Engineer, PWD (BLDG)	PWD (BLDG)
8	SDO, ASEB, Tamulpur	Electricity

**RELIEF MANAGEMENT TEAM :-Contact Person:ADC (Rev.&DM ) , Tamulpur,Ph-86382-35494**

Sl.No	Designation	Department/Agency
1	ADC, Disaster Management, Tamulpur	Administration.
2	Superintendent of Police, Tamulpur	Police Administration.
3	Asstt. Director, Food, Civil Supply&Comsumer Affairs	Food, Civil Supply& Consumer Affairs
4	Circle Officer ,Goreswar	Revenue.
5	PRI Members	PRI

**DAMAGE ASSESSMENT TEAM: Contact Person:ADC (Rev.&DM ) , TamulpurPh.No. 86382-35494**

Sl.No	Designation	Department/Agency
1	ADC, Disaster Management, Tamulpur	Administration.
2	Project Director, DRDA, Baksa/ BDO, Goreswar	DRDA.
3	Circle Officer ,Tamulpur	Revenue
4	All concerned Department	HoD of all department

**PATROLLING TEAM:- Contact Person: S.P. , Tamulpur,Ph-60269-01249**

Sl.No	Designation	Department/Agency
1	Superintendent of Police, Tamulpur	Police Administration
2	The Chairman, CDMC,Goreswar	Revenue
3	The Chairman	VLMCC/VCDC
5	Volunteers	Civil Defence, NYK,NGO

**Quick Response Team(PWD) Goreswar**

Sl.No	Designation	Mob. No
1	Ranold Rajbonshi, AE	9706751780
2	Mangal Chandra Boro, JE	7002978599
3	Dhaneswar Rajbonshi, Sub- Eng(grade- 1)	9365385348

**List of Vulnerable Villages with Concern Relief Camp details under Goreswar Revenue Circle**

Sl.No	Name of the Mouza	Name of Villages	Remarks
1	Defeli	No.1 Suagpur	Flood history 2022
2	Defeli	Betagaon	

3	Betna	Barigaon	Flood history 2022
4	Betna	Barpathar	Flood history 2022 due to breach of embankment
5	Betna	Niz. Kachula	Flood history 2022 due to breach of embankment
6	Betna	Nathkuchi	Flood history 2022 due to breach of embankment
7	Betna	Tengajhar	Flood history 2022 due to breach of embankment
8	Kaurbaha	Holongbari	Flood history 2022 due to breach of embankment
9	Kaurbaha	Gurmow	Flood history 2022 due to breach of embankment
10	Kaurbaha	Harijora	Flood history 2020 and 2022 due to breach of embankment
11	Kaurbaha	Bagaribari	Flood history 2020 and 2022 due to breach of embankment
12	Kaurbaha	Bihapara	Flood history 2020 and 2022 due to breach of embankment
13	Kaurbaha	Chenimara	Flood history 2020 and 2022 due to breach of embankment
14	Kaurbaha	Lahapara	Flood history 2020 and 2022 due to breach of embankment
15	Kaurbaha	Madaikata	Flood history 2020 and 2022 due to breach of embankment
16	Kaurbaha	Dhepargaon	Flood history 2020 and 2022 due to breach of embankment
17	Defeli	Bholajhar	Flood history 2022 due to breach of embankment
18	Kaurbaha	Dhulabari	Flood history 2020 and 2022 due to breach of embankment
19	Kaurbaha	Khatpara	Flood history 2020 and 2022 due to breach of embankment

**List of Vulnerable Villages with Concern Relief Camp details under Goreswar Revenue Circle**

Sl.No.	Name of the Vulnerable Village	Factors	Type	Name of Shelter Place	Name of Incharge & Contact No.	Intake Capacity (Approx ) maintaining COVID protocol	Drinking Water Yes/ No	Sanitation Yes/ No	Electricity	GPS Coordinates
1.	Halongbari/ Sonmohori	R. Puthimari	Flash flood, Erosion	Pub Kaurbaha High School	Uday kalita (HM) 70865-05316	50	Yes	Yes	Yes	26.519080, 91.694645
2.	Niz. Kaurbaha/ Madaikata	R. Puthimari	Flash flood	Kaurbaha Balika Bidyapith High School	Paresh Ch. Das (HM) 60021-09946	50	Yes	Yes	Yes	26.518707, 91.646748
3.	Niz. Kaurbaha	R. Puthimari	Flash flood	Kaurbaha Nava Milan High School	Gamurudin Ahmed (HM) 86386-60267	50	Yes	Yes	Yes	26.522812, 91.669122
4.	Bagaribari	R. Puthimari	Flash flood Erosion	92 Bagribari LP School	Anil Ch. Deka (HM) 93650-96541	30	Yes	Yes	Yes	26.504177, 91.663222
5.	Khatpara	R. Puthimari	Flash flood	Khatpara LP School	Babul Boro (HM) 91016-79895	20	Yes	Yes	Yes	26.536895, 91.666005
6.	Gurmow	R. Puthimari	Flash flood	Gurmow High School	Munindra Sarma (HM) 94353-01991	50	Yes	Yes	Yes	26.486988, 91.688907
7.	Harijora	R. Puthimari	Flash flood	2 No. Uttar Harijora LP School	Dandi Dhar Das (HM) 60011-32772	20	Yes	Yes	Yes	26.523392, 91.676908
8.	Pukhuripar	R. Puthimari	Flash flood	175 Pukhuripar LP School	Amin Boro (HM) 94256-54353	20	Yes	Yes	Yes	26.587512, 91.703033
9.	Chenigaon/ Niz Kachula	R. Puthimari R. Suklai	Flash flood, Erosion	Chenigaon ME School	Kabin Ch. Rabha (HM) 80119-56510	30	Yes	Yes	Yes	26.60642, 91.67432
10.	Barpathar	R. Puthimari R. Suklai	Flash flood, Erosion	Barpathar LP School	Kabin Deka (HM) 91019-40854	25	Yes	Yes	Yes	26.58884569, 91.69046211
11.	No.1 Suagpur	R. Puthimari	Flash flood	1 No. Suagpur LP School	Boroda Das (HM) 93652-51794	25	Yes	Yes	Yes	26.658250, 91.696413



12.	Betagaon	R. Puthimari	Flash flood,	Betagaon LP School	Baijayanti Patowary (HM) 60008-93361	20	Yes	Yes	Yes	26.638768, 91.689535
13.	Suagpur	R. Puthimari	Flash flood	Suagpur MV School	Samin Nath (HM) 84730-92869	30	Yes	Yes	Yes	26.675815, 91.705078
14.	Dhulabari	R.Puthimari	Flood/Er osion	202No. Dhulabari Nadirpar LP School	Potol Choudhury (HM) 95773-64699	30	Yes	Yes	Yes	26.48112, 91.658813
15.	Dhulabari	R.Puthimari	Flood/Er osion	93 No Dhulabari LP School	Upen Boro (HM) 78960-47935	30	Yes	Yes	Yes	26.472028, 91.6545
16.	Dhulabari	R.Puthimari	Flood/Er osion	Dhulabari Girls ME School	Golok Rajbongshi (HM) 88220-15867	50	Yes	Yes	Yes	26.47111, 91.655900
17.	Madaikata	R. Puthimari	Flash flood	103 Madaikata JB School	Baharuddin Ahmed (HM) 99548-25772	30	Yes	Yes	Yes	26.505970, 91.648545
18.	Dhepargaon	R. Puthimari	Flash flood	87 Dhepargaon LP School	Hassan Ali (HM) 99544-83739	30	Yes	Yes	Yes	26.489028, 91.645690
19.	Deulkuchi	R.Puthimari	Flood/Er osion	K.B Deulkuchi HS School	Sunanda Kr. Das (HM) 94354-09586	60	Yes	Yes	Yes	26.465448, 91.654028
20.	Dholkuchi	R.Puthimari	Flood/Er osion	Dholkuchi High School	Dharanidhar Das (HM) 96130-57230	50	Yes	Yes	Yes	26.461949, 91.676679
21.	Khandikar	R.Puthimari	Flood/Er osion	Chirakhundi LP School	Islam Uddin (HM) 98545-25432	20	Yes	Yes	Yes	26.464251, 91.637568
22.	Khandikar	R.Puthimari	Flood/Er osion	Khandikar High School	Mukut Das (HM) 91011-09904	50	Yes	Yes	Yes	26.475028, 91.643652
23.	Nathkuchi	R.Suklai	Flood/Er osion	Pub Nathkuchi LP School	Ramsing Boro (HM) 96784-42077	60	Yes	Yes	Yes	26.619806, 91.705015
24.	Madaikata	R. Puthimari	Flood	Kaurbaha Fakruddin Madrassa HS	Sahajahan Siddique (HM)	90	Yes	Yes	Yes	26.508668, 91.6453

				School	70022-50324					08
25.	Bholajhar	R. Suklai	Flood/Er osion	Bholajhar LP School	Manika Deka (HM) 86387- 88174	60	Yes	Yes	Yes	26.6900 02, 91.7370 53

**List of Villages and Gaonburhas with Contact number**

Sl. No	Mouza	Name of Village	Name of Gaonburha	Contact Nos.
1		Deosunga	Gandha Ram Boro	87618-31967
2		Uparkhuti		
3		Bangalipara		
4		No.1 Pipleni		
5		Oubari		
6		Barnadipar		
7		Dabashila		
8		Bholajhar		
9		Bholabatabari		
10		No.1 Suagpur	Ramesh Boro	99544-43424
11		No.3 Suagpur		
12		No.4 Suagpur		
13		No.2 Suagpur		
14		No.3 Jalthagpar		
15		No.5 Suagpur		
16		No.1 Jalthagpar	Kaling Nath	99548-84668 91017-62592
17		No.2 Jalthagpar		
18		Niz. Jhargaon		
19		Jabrangpar		
20		Betagaon		
21		Pub Naokata	Nanda Patowary	94010-02465 69006-20780
22		Paschim Naokata		
23		Magurmari		
24		Kalbari		
25	Betna	Gopchar	KuleswarBoro	98599-69037
26		Silkijhar	Jiban Chakrabarty Rajani Deka	98591-18238 98594-77752
27		Dalangdia	Ganesh Deka	98592-86626
28		Barfulchaki	Debendra Nath Deka	88222-11464
29		1No. Goreswar		
30		3No. Goreswar		
31		2No. Goreswar	Ganesh Deka	88110-00524
32		4No. Goreswar	Nagen Ch. Boro	95086-07168
33		5No. Goreswar		
34		Singimari	Nilakanta Deka	97077-10192
35		Rampur	Parul Boro	96782-92445
36		Barphukankhat		
37		Betna		
38		Hajalpara		
39		Rangmahal	Harideb Deka	84860-20255
40		Cheuni	KekhabRajbangshi	98542-00502

41	Betna	Makundapur		
42		Bhogpur		
43		Karipara		
44		Niz. Betna	Nagen Ch. Boro	95086-07168
45		1No. Roumari	Ganesh Deka	98549-72303
46		2No. Roumari		69007-44513
47		Ramchajhar		
48		Umanandathan	Jugal Ch. Sarma	98549-21273
49		Kerpabhitha		
50		3No. Roumari		
51		Bakulguri	Dhaneswar Sarkar	94017-01907
52		Barigaon	Kaling Nath	99548-84668
53		Chenigaon		91017-62592
54		Nathkuchi	PrabinBasumatary	84719-26940
55		Tengajhar		
56		Ramgaon		
57		Pukhuripar		
58		Dighalipar		
59		Simila		
60		Maharipara		
61		Ouguri		
62		Niz. Kachula	PhaimalNarzary	91018-87919
63		Barpathar		
64		Sarifulchaki		
65		Ramcha		
66		Phahurabari		
67	Kaurbaha	Ouguri	PhaimalNarzary	91018-87919
68		Balabari		
69		Harijora		
70		Bagdoba		
71		Barkachula		
72		Halongbari		
73		Sonmohori	Bharat Boro	88119-22864
74		Gurmow		
75		Khatpara	Habibar Rahman	80114-61265
76		Dongpar		
77		Gossaigaon		
78		Madaikata		
79		Bagaribari	BhattaramBoro	99576-88606
80		Niz. Kaurbaha		60012-66691
81		Barghuli		
82		Hatimura	Kamal Kr. Boro	96787-06036
83		Lahapara		
84		Dhepargaon	NabinBoro	94013-83128 75759-79924
85		Chenimara	Nipen Kalita	80115-10536
86		Bihapara		
87		Khandikar	NabinBoro	94013-83128 75759-79924
88		Dhulabari	Bhubaneswar Narzary	78962-09740
89		Dholkuchi	SukradharBoro	84869-50929

90		Deulkuchi		70867-69308
91	Patidarrang	Lokrabarnagar	Bharat Boro	88119-22864
92		Balahati		
93		Garogaon	NandeswarBoro	80113-11587
94		Simalibari	Prafulla Kumar Mahanta	96138-51603

**List of Lot Mandals of Goreswar along with contact nos.**

SL. No	Mouza	Name of Villages	Lot No.	Name of Mandal	Contact No.
1.	Defeli	Deosunga	1	Phungza Brahma	70867-52180
2.		Uparkhuti			
3.		Bangalipara			
4.		Dabashila			
5.		Bholajhar			
6.		Bholabatabari			
7.		No.1 Pipleni			
8.		Oubari	2	Hemanta Deka	97070-98305 94356-02786
9.		Barnadipar			
10.		No.2 Suagpur			
11.		No.3 Suagpur			
12.		No.4 Suagpur			
13.		No.5 Suagpur			
14.		No.1 Jalthangpar			
15.		No.2 Jalthangpar			
16.		No.3 Jalthangpar			
17.		Pub Naokata			
18.		Jabrangpar	3	Sabin Boro	97069-46914 91019-25043
19.		No.1 Suagpur			
20.		Betagaon			
21.		Niz. Jhargaon			
22.		Paschim Naokata			
23.		Magurmari			
24.		Kalbari			
25.	Betna	Gopchar	1	AkhimBasumatary	91018-81856 98541-94566
26.		Silkijhar			
27.		Dalangdia	2	Tilak Ch. Sarma SK (I/C)	86387-45474
28.		Betna			
29.		1No. Goreswar			
30.		2No. Goreswar			
31.		3No. Goreswar			
32.		4No. Goreswar			
33.		5No. Goreswar			
34.		Singimari	3	MulugsharBoro	70861-78305 93653-41094
35.		Rampur			
36.		Barphukankhat			
37.		Hajalpara			
38.		Kerpabhitha	4	Madan Mohan Barman	84730-49794
39.		Rangmahal			
40.		Niz. Betna			
41.		Cheuni			

42.	Betna	Umanandathan			
43.		1No. Roumari	5	Tilak Ch. Sarma SK (I/C)	86387-45474
44.		2No. Roumari			
45.		3No. Roumari			
46.		Makundapur			
47.		Bakulguri			
48.		Simila			
49.		Maharipara			
50.		Dighalipar			
51.		Ramgaon	6	AkhimBasumatary	91018-81856 98541-94566
52.		Ramchajhar			
53.		Karipara			
54.		Barigaon	7	PirazBasumatary	88764-41801 86380-05062
55.		Nathkuchi			
56.		Tengajhar			
57.		Pukhuripar			
58.		Barpathar			
59.	Kaurbaha	Niz. Kachula	8	Ghanakanta Deka	99547-67593
60.		Chenigaon			
61.		Ouguri			
62.		Bhogpur			
63.		Sarifulchaki	1	Ghanakanta Deka	99547-67593
64.		Barfulchaki			
65.		Ramcha			
66.		Phahurabari			
67.		Ouguri			
68.		Balabari	2	Md. Mehbub Rahman	78968-32891
69.		Barkachula			
70.		Halongbari			
71.	Kaurbaha	Bagdoba	3	Tilak Choudhury	87240-89166
72.		Sonmohori			
73.		Harijora			
74.		Gurmow			
75.		Khatpara	4	Jiten Karjee	84020-85934 95089-60665
76.		Dongpar			
77.		Gosaigaon			
78.		Barghuli			
79.		Bagaribari	5	Md. Mohirudin Ahmed	91016-63959
80.		Niz. Kaurbaha			
81.	Kaurbaha	Hatimura			
82.		Madaikata			
83.		Lahapara			
84.		Dhepargaon			
85.		Chenimara			
86.		Bihapara			
87.		Khandikar	6	PirazBasumatary	88764-41801
88.		Dhulabari			
89.		Dholkuchi			
90.		Deulkuchi			
91.	Patidarrang	Lokrabarnagar	6	PirazBasumatary	88764-41801

92.		Garogaon			86380-05062
93.		Balahati			
94.		Simalibari	5	MulugsharBoro	70861-78305 93653-41094

### List of Anganwadi Workers, Goreswar Rev. Circle

Sl. No	Name of Center/ Village	Name of Anganwadi Worker	Contact Nos.
1.	Gurmow-A	Dipa Das	9954242423
2.	GurmowChandbari	Renu Brahma	9508198655
3.	Gurmow	Sabita Boro	7399277649
4.	GurmowBhotkhola	Manju Boro	7578864743
5.	Bhehbari - A	Purnima Das	9859586326
6.	Bhehbari- B	Sajia Begum	9864051520
7.	Gurmow - B	Khiroda Deka	9401211406
8.	Paschim Gurmow DG Club	Morium Begum	9954654153
9.	Paschim Chandamari	Saraswati Das	9707088154
10.	Dolonghat Chuba	Lalita Deka	7896113288
11.	Gurmow- C	Kalpana Kalita	9859468489
12.	Gurmow- D Maregaon	Ramila Basumatary	9954587342
13.	SonmahariMaregaon	Sabita boro	9954509602
14.	Sonmahari- A	Pramila Basumatary	9957187419
15.	HarijoraPamoi Chuba	Mamoni Kalita	7399815017
16.	Niz. Kaurbaha LP School	Aruna Das	7896406284
17.	Harijora- A (U. Harijora)	Anowara Begum	8876395157
18.	HarijoraBhakatpara	RahilaBoro	9859363690
19.	BaghdobaMarumari	SikhaBoro	7896681035
20.	HalangbariSungapara	Nilima Narzary	8134803663
21.	HalangbariMaajor Chuba	HemolotaDaimary	7896115832
22.	Baghdoba- B	Pramila Boro	8752018357
23.	Baghdoba- A	Kamala Deka	9577928452
24.	Baghdoba - C	Anupama Boro	7035391642
25.	3 No. Goreswar- A	Rina Boro	8721994936
26.	3 No. Goreswar- B	RahilaBoro	9613265360
27.	3 No. Goreswar- C	Rita Basumatary	7002358748
28.	6 No. Goreswar	Rashmi Boro	9127170351
29.	AuriparaLachitPuthibharal	Urmila Deka	9707913288
30.	Kasula	Dipali Boro	9859506925
31.	Ramcha- A	Bhanu Deka	8254027256
32.	Bar Ramcha- A	Marami Deka Boro	9854665663
33.	JarmalaSarana Chuba	Renuka Das Deka	9707488666
34.	Bar Ramcha- B	GuneswariBasumatary	7399848085
35.	PadumaniRamcha	Sangita Boro	8876124871
36.	Balabari- A	Arati Boro	9577186947
37.	Balabari- B	Sabita Boro	7896439782
38.	Paschim Balabari	MizingshriBoro	9678832300
39.	ShymabariBelkona-B	Dipika Boro	7035141472
40.	1 No. Goreswar	KamaleswariBoro	8403903073
41.	2 No. Goreswar	Hiranmayee Deka	8721888368
42.	Bathoupuri	Meherun Nessa	9706992559

43.	Gerua	Ranuma Begum	9957171450
44.	Dhirenpara	RanjuBoro	9864604987
45.	Rail Colony	Renu Boro	9854921266
46.	Dakharkhowa	SomaishreeBasumatary	9854477920
47.	Maharipara	Renu Begum	7399179726
48.	DhanparDalimar Chuba	Manju Rani Kalita	9613783752
49.	Dighelipar Gopal Than	Kanaklata Deka	9577576757
50.	ThuribariMadalbari	Jagamaya Devi	7896986075
51.	TengajharKhairabari	Jolita Rabha Basumatary	9678402021
52.	Chenigaon-A	Rupeswari Rabha	8812852009
53.	Belguri Chuba	Dalimi Deka Kalita	8812971688
54.	Barigaon- A	Gita Boro	9678060346
55.	Bonigaon Bengali ghuli	Sushila Rabha Boro	8473098090
56.	Holapara Rabha Chuba- A	ParbinBasumatary	9678787306
57.	Holapara Rabha Chuba- B	Sushila Rabha Daimary	9678956619
58.	KusarpamNathkuchi	Sabita Nath	9678689465
59.	Nathkuchi	Dipali Deka	7896473185
60.	Bagribari	Anjali Deka	9954923590
61.	BonbariKahibari- A	Kabita Boro	8812900291
62.	BonbariKahibari- B	Riju Boro	8822268791
63.	KasarpamDakhin Chuba	Sunita Rajbangshi	7896681274
64.	DakhinJhargaoon	Sabita Rajbangshi	7577894142
65.	Kalbari- A	Aisari Deka	8811894923
66.	Bori Chuba	Rina Nath	7896985843
67.	Tengajhar- A	Kanaklata Daimary	7896642351
68.	Paschim Naokata	Kami Kanchan Deka	8876652159
69.	Paschim Naokata- A	Minu Prava Deka	8473096491
70.	Paschim Naokata- B	Ila Rani Kalita	9707480141
71.	Paschim Naokata-C	Matumani Deka	8876023065
72.	Opara chuba	DeobariBasumatary	7086758085
73.	Pathan Chuba	Sangita Konwar	8724002788
74.	Surpar Chuba	MijingthiBoro	9707351271
75.	Betagaon	Pramila Rabha	7086758358
76.	Betagaon- A	Anima Deka	9508144950
77.	Betagaon- B	Parijat Devi	9864542281
78.	Betagaon- C	Koushaly Prava Deka	8399045440
79.	Mulabari Chuba	JonaliOwary	7086506311
80.	Barman Chuba	Hima Brahma	9678383314
81.	Asomia Chuba	Reboti Das	8011371473
82.	Chilotia Chuba	Sangita Das	9678957630
83.	Jharkata Chuba	RimamaniBoro	9707466260
84.	Bengali Samabari Chuba	Kamaleswari Rabha	8011714392
85.	Samabari Chuba	Kalpana Das	9678144986
86.	1No. Suagpur- A	PhulmatiRajgarh	8761967696
87.	1No. Suagpur- B	Minu Devi Deka	8011339714
88.	Suagpur No.1	JogomayaChetry	8473892519
89.	Harijan Chuba	Kalpana Kalita Barman	9954232083
90.	Jabrangpar- A	Anima Bezbaruah	8761967082
91.	JabrangparBery	DifaliNarzary	7086149213
92.	Kujorpam	Jayanti Deka (Helper)	8134923434

93.	Niz. Jhargaon	Kalpana Bezbaruah	9613913436
94.	Kujarpam (Boro Chuba)	Dipali Kalita	7896787444
95.	BetagaonMulabari Chuba	Anila Basumatary	9707572142
96.	1No. Suagpur	Alaka Deka	8011588692
97.	Dhanuka Chuba	Kabita Boro	8011411243
98.	Barnadipar	MinatiBoro	8011295426
99.	Sundarpur	Champa Basumatary	7635949192
100.	Kalimandir Chuba	Minoti Kalita Deka	7035637554
101.	Pipleni- A	Surabhi Sarma	9577979853
102.	Pipleni- B	Rita Boro	8011452377
103.	Umananda Chuba	Lalita Devi	9957155597
104.	2 No. Suagpur (Nepali Mandir)	Manju Bezbaruah	8399018238
105.	Bangalipara- B	Bharati Baishya	8399838520
106.	Bangalipara-D	Rukma Devi	9678383304
107.	Uparkhuti-A	Tikamaya Devi	9678176405
108.	Uparkhuti- B	Pranita Borah	9678441607
109.	Uparkhuti- C	Kamini Devi	9613224389
110.	Uparkhuti- D	Ranju Devi	9577222675
111.	Uparkhuti- E	Nirmala Devi	9854850630
112.	Uparkhuti Nepali Chuba	DevimayaNirola	9954785668
113.	Deosunga- A No.27	Gita Devi Sarma	8011613731
114.	Deosunga- B No. 44	Bimala Sarkar Barua	9613209115
115.	Deosunga- C No. 28	Uma Devi	8011141131
116.	Deosunga- D No. 54	Suraja Begum	9957825583
117.	Pub Deosunga Chuba	Mandira Devi	7399992439
118.	Pub DeosungaBoro Chuba	KameswariBoro	9508497294
119.	DakhinDeosunga Chuba	Rahima Yesmin	9864405665
120.	Uttar Deosunga Chuba	Urmila Konwar	7896880759
121.	DeosungaSantipur 2No Chuba	Jyotsna Begum	9707311116
122.	DeosungaUrang Basti	Dipika Das	9957203117
123.	Deosunga Muslim Chuba	Indira Chetry	9957219855
124.	Pub Deosunga	Jasmin Begum	9707472394
125.	Deorali Chuba	Riju Begum	9613909409
126.	Pub Bangalipara- E	Natjan Choudhury	9864405703
127.	Bangalipara- C	Bibha Rani Devi	9706713322
128.	Bangalipara- A	Hasina Begum	8011526348
129.	Panbari Chuba	BidyangshriNarzary	9678148817
130.	Oubari- A	Bhabani Deka	8011599221
131.	2No. Oubari	NirmaliBasumatary	8473099832
132.	OubariBoro Chuba	Sewali Boro	8011786918
133.	Oubari- C	Sewali Bezbaruah	8749966864
134.	Dabarkhila	Mina Deka	9577898230
135.	Bhola Batabari- A	Babita Sheel	9954442829
136.	BholajharMaajor Chuba	Sarala Boro	9678331247
137.	Bholajhar- A	Anima Boro	9954070958
138.	Bholajhar- B	Chandamani Deka	9957670205
139.	BholajharDakhin Chuba	BinatiBasumatary	9957156409
140.	Sanari Chuba	BishnumayaMagor	9435430444
141.	Sanari Kumar Nepali Chuba	Basanti Deka	9678639645
142.	3No. Suagpur	Thogo Bala Das	9508086288



143.	4No. Suagpur	Parul Deka	8473093085
144.	5 No. Suagpur	Dipika Das Deka	8474038799
145.	SuagpurJarkana Chuba	Gita Boro	8822156904
146.	Pub Naokata- A	Minati Kalita	7896426673
147.	Pub Naokata- B	KhargeswariBoro	9957679178
148.	Pub Naokata- C	Barada Deka	9678440835
149.	Pub Naokata- D	Aroti Sarma	8486601878
150.	Pub Naokata- E	Kamini Das	9707824323
151.	Pub NaokataBoro Chuba	Tarulata Das Boro	9807483155
152.	Pub NaokataTharaibari Chuba	LakheswariBoro	9457679083
153.	Pub NaokataAthguri	Bhanumati Boro	9508768136
154.	Pub NaokataTangonmari Chuba	PhuleswariBoro	9864938565
155.	Oubari- B	Minati Kumar	8011360393
156.	Dakhin Bhola Batabari	JatungshreeBoro	8812944826
157.	Bholajhar Behar Chuba	Damayanti Boro	9678408531
158.	2 No. Suagpur	Devimaya Devi	8721901324
159.	Barnadipar Central Centre	AngsulataBoro	9706182111
160.	1 No. Jalthengaon- A	Sabitri Deka	8011717251
161.	1No Jalthengaon(Sarania Chuba)	Jaymati Deka	9864470710
162.	2No. Jalthengaon- A	Thogo Das	8253995094
163.	2No. Jalthengaon(Simaluguri Chuba)	JaymatiBoro	9864831363
164.	2No. Jalthengaon (Sunbari Chuba)	RanjuBoro	8011834981
165.	3 No. Jalthengaon- A	Radhika Deka	9678852922
166.	3 No. Jalthengaon- B	Purnima Deka	9678420645
167.	3 No. Jalthengaon- C	RatimaBezbaruah	8812832697
168.	3 No. Jalthengaon(Boromaja Chuba)	Pratima Narzary	9957498479
169.	Pub Naokata (Sungapara)	Krishna BoroOwary	8822150910
170.	Dighlipar Chuba	Bani Basumatary	8822345149
171.	JoloiparaBoro Chuba	DoibatiMushahary	9577890816
172.	Magurmari	Renu Talukdar	8761887798
173.	Chaladia	Suniti Boro	9864843151
174.	Pub Ramgaon	Narayani Nath	8473921948
175.	1 No. Rawmari- A	Rupanjali Devi	7399136064
176.	1 No. Rawmari- B	Subasi Devi	9577575906
177.	2 No. Rawmari	Kanaklata Nath	9678382863
178.	1 No. Ramchajhar Suba	Nivamoni Deka	8811000522
179.	Ramchajhar Paschim	Kalyani Debnath	7637942792
180.	KesajharRamchajhar	Sabita Deka	8811894887
181.	Bakulguri	Gunu Deka	7896440108
182.	Bakulguri Pub Suba	Josoda Sarkar	8011454894
183.	3 No. RawmariMaajor Chuba	Bina Rajbangshi	7035450214
184.	BakulguriMaajor Chuba	JinamoniBoro	8822344242
185.	BhalukmariBakulguri	Phulan Sarkar	9508842243
186.	Pub Betna	Aroti Devi	9577822136
187.	Niz. BetnaGoriapara	Renu Basumatary	9613036290
188.	Beta Suba Boro Suba	Rakhi Boro	9707471385
189.	JarkonaBoro Suba	RahimaBoro	9707462297

190.	Pub Cheuni	Anamika Deka	9508634219
191.	Bhogpur	Nilima Choudhury	7399278397
192.	Bhogpur- A	Rosida Ahmed	9864405807
193.	4 No. Goreswar	Archana Choudhury	9678367184
194.	2 No. Goreswar Bihari Colony	TogorRajbangshi	9854130721
195.	Dharma Nagar	Bharati Boro	9707996410
196.	Rajbongshisuba	JonaliRajbangshi	9508440628
197.	Sweeper Basti	RunumiBoro	9864276313
198.	Rang Mahal	Joymati Deka	9707068358
199.	Rang Mahal Hahsora	Hiranya Deka	9854515510
200.	Senila Muslim Suba	Safia Begum	8876386845
201.	Mukundapur	Dashimi Kalita Choudhury	9508607142
202.	DakhinKhariparaMukundapur	RitumaniBhorali	9707085112
203.	Singimarisuba	Hiranya Devi	9508112286
204.	Near SingimariH.S	Bharati Deka	7399847245
205.	Rampur GhoshniHowli	Junumoni Deka	9859671175
206.	Rampur Bamungaon	Niru Das	9577735841
207.	Rampur	Jonaki Deka	9678897933
208.	Barphukankhat	Moneswari Deka	8822165105
209.	DongparGarogaon	Kanaklata Deka	8822165105
210.	Betna	Rita Boro	9577976889
211.	Dolongdia	MonomatiBoro	8749946275
212.	Goreswar No. 5	Rajani Brahma	9577976529
213.	SilkijharTelgenia Suba	Bakul Sarkar	9577921945
214.	Baghajyoti Sangha	Chanda Basumatary	9854891067
215.	Hajalpara- B	Sushma Dutta	9577603081
216.	GoriyaBosti Suba	Jyotshna Samaddar	9854743646
217.	Hajalpara No. 2	Mallika Roy	9859671544
218.	Hajalpara- A	Damayanti Rajbongshi	9199577874
219.	Darrangia Para	Durgaboti Deka	9854960908
220.	Kenduguri Chuba	BijuliBoro	9957921670
221.	Silkijhar- B	Usha Rani Kalita	9577739411
222.	Silkijhar- A	Bhabani Deka	7399847945
223.	Naramari Suba	Jaya Baruah Rajbongshi	9957921670
224.	Gopchar- A	Basanti Swargiary	8473832346
225.	GopcharGasbariPaam	Dashami Boro	9977566522
226.	2 No. BhogpurJoybanglasuba	Elima Begum	8011605363
227.	Bhogpur- B	Sabita Deka	7086757792
228.	Ouguri	Minu Deka	8876812650
229.	Ouguri Hira Chuba (Halapara)	RwiswmwiBoro	7002982852
230.	Bechimari	Rina Mushahary	8011427687
231.	OuguriMaajor Chuba	Dilowar Begum	8751990764
232.	Simila	Nisha Rani Deka	8486175871
233.	Ouguri Muslim Suba	Rejina Sultana	8749946559
234.	Simila Road Muslim Suba	Dipali Devi	9678958105
235.	Ashrampuri Suba	Sangita BoroOwary	8399880582
236.	BalabariBoro Suba	Promila Rabha	9678335225
237.	Alexari Suba A.W.C	Dipali Rajbongshi	9706096180
238.	Pukhuripar- A	Champa Boro	8751822904
239.	BarpatharSaranian Chuba	Kadami Rabha	8011905043

240.	MokoldongSarana Suba	Bina Narzary	9613676016
241.	Barpathar	RumilaBasumatary	9613184570
242.	ChechaparBoro Suba	Dalena Brahma	9577931785
243.	Chechapar	Jwmwi Rani Basumatary	9132200649
244.	MokoldongBoro Suba	MenokaBoro	4873090223
245.	Pub Sukla	Padumi Das	9678955643
246.	Pukhuripar- B	Dipika Talukdar	9707780119
247.	SamabariBelkona	Rina Narzary	9859003428

## 1. WATER RESOURCES DEPARTMENT, TAMULPUR

### FIELD STAFF:

Sl No.	Name of Filed Staff with contact No.	Jurisdiction
1	Sri Hemanta Sarma, JE (M.No.94357-32953)	1. River Suklai Bath Bank 2. River Deusunga on Bath Bank 3. River Puthimari L/B embankment from Mukaldonga to R.G. Rly Line 4. Both bank of river Deojara 5. River Suklai on R/B
2	Sri Ratan Barman, JE (M.No.87240-93488)	1. River Pagladia on Left Bank 2. River Motonga on Both bank 3. River Puthimari R/B embankment from Habibari to Dholkuchi 4. River Baralia on Right Bank
3	Sri Sanjib Bara, AE (M.No.70022-11763)	1. RiverPuthimari R/B embankment from Habibari to Dholkuchi 2. River Kalanadi Both Bank 3. River Baralia on Left Bank 4. River Balti on Both Bank
4	Sri MuruliUprity, SA (M.No.99573-63736)	Engagement to the jurisdiction as per high water level condition
5	Sri Dhiraj Sarma, SA (M.No.96781-31420)	
6	Sri Puha Deka, Khalasi (M.No.99577-72706)	
7	Sri Jadab Das, Khalasi (M.No.94012-41816)	
8	Sri SibenBoro, Khalasi	
9	Sri BararamBoro, Khalasi	

### CONTROL ROOM AT TAMULPUR SUB DIVISION:

Sl No.	Name and Designation	Contact No.	Remarks
1	Sri Hemanta Sarma, JE	94357-32953	Engaged to the jurisdiction as per high water level condition
2	Sri Pranjit Das, SA	99572-39107	Recording Water Level and Rain Fall data
3	Sri Bishnu Baro, Khalasi	80992-84485	Despatch
4	Sri Ati Ram Das	99579-17109	Gauge reader at Kelleng Chowk
5	Sri DhaniramBaro, Office Peon	80114-28336	Collection of Water Level from Gauge Reading Station

**EXISTING FLOOD CONTROL STRUCTURE UNDER TAMULPUR DISTRICT:**

Sl No.	River	Existing Flood Control Structure
1	Puthimari	38.00 KM embankment existing on its Right Bank from Bahibari to Dholkuchi and left bank from Mukaldanga to RG Rly line
2	Pagladia	Embankment on its Left Bank at village HahkataBalabari and adjoin area around 3.00 KM
3	Motonga River	0.50 KM embankment at L/B of Chokamari village including protection work.
4	Suklai	3.18 KM embankment on both bank
5	Baralia river	Existing 1.15 KM Protection work with boulder

**STATEMENT OF EMBANKMENT LENGTH:****TAMULPUR W.R. SUB-DIVISION**

Sl No.	Name of river	Category of River	Length in KM (Length as per original construction)	Present existing length
1	Puthimari River	C	38.00 KM (R/B Habibari to Dholkuchi)	38.00 KM
2	Suklai River	C	3.18 KM (Emabnkment on both bank)	3.18 KM
3	Motanga River	C	0.50 KM embankment at L/B of Chokamari village	0.50 KM

**STATEMENT OF PROTECTION WORK:**

Sl No.	Name of Protection	Year of Construction more than 3 years		Year of Construction less than 3 years	
		No. of schemes	Update capital Cost	No. of schemes	Update capital Cost
1	Anti erosion measures with man size river boulder at Motanga River	Nil	Nil	1 (one)	250.00 Lakh
2	Anti erosion measures with man size river boulder at Borolia river	Nil	Nil	1 (one)	758.00 Lakh

**STATEMENT OF VULNERABLE REACHES:**

Sl No.	Name of River	Location	Length of vulnerable reaches	Causes of vulnerable reaches	Type of measurement to be taken Approximate amt.
1	Pagladia river	Polokata, Charangle, Barbila	2000.00 M	Erosion	RCC porcupine as immediate measures along with Bamboo works
2	Pagladia river	Sijuguri, Jokmari, Khatpara, Dholkuchi	1200.00 M	Erosion	RCC porcupine as immediate measures along with Bamboo works
3	Borolia River	Boroliapar, Lahapara, Bihapara, Balabari, Sontola, Mearegaon	1500.00 M	Erosion	RCC porcupine as immediate measures along with Bamboo

4	Motanga River	Dalongpar, Deulguri, Churaguri, DakhinPunia	1000.00 M	Erosion	works RCC porcupine as immediate measures along with Bamboo works
5	Suklai	Nathkuchi, NizKachula, Bagribari	500.00	Erosion	Bamboo works

## 2.PHED, TAMULPUR:

The jurisdiction of Tamulpur (PHE) SubDivision comprises of 5 (Five) PHE sections namely Tamulpur, Darrangajuli, Nagrijuli, Goreswar&SuklaiSerfang maintained by the SO as follows:

Name of Revenue Circle	Name of Section	Name of SO	Contact No.	Man Power
Tamulpur	Tamulpur	Partha Deka	87210-42457	All SA &Khalashi under the Section
Tamulpur	Darrangajuli	ManjenBoro	99572-93732	
Tamulpur	Nagrijuli	Partha Deka	87210-42457	
Goresawar	Goreswar	Sri Kunal K. Thakuria, JE	70027-80228	
Goreswar	SuklaiSerfang	Dhritiman Sarma	84863-42713	
		Mriganka Dutta Baruah	80113-05304	

### READY STOCK OF MATERIAL

Sl No.	Materials	Quantity	Remark
1	Hand Tube Well	15 Sets	
2	Bleaching Powder	0.25 MT	
3	Squatting Plate for toilet	100 Nos.	
4	Water tanker	1 No. (6000 lts capacity)	
5	Water Pouch Maker	1 no.	

### LIST OF COUNTRY BOAT OWNERS::

Sl. No	Name of Boat Owner	Address	Contact Number	No. of Boat Available
1	Geremsha NGO	Bogamati	9957323023	1
2	Shikhar Adventure Club	Goreswar	9678410485	3

### List of Helipads in Tamulpur

GROUNDS WHICH CAN BE USED AS HELIPADS						
SL. NO.	NAME	LATITUDE	LONGITUDE	REVENUE CIRCLE	VCDC/GAON PANCHAYAT	VILLAGE NAME
1	Borkhata	26.5669	91.58919	Tamulpur	76 No. Tamulpur	Borkhata

## **List of NGOs**

Dawrajhar Eco Tourism Society, Bogamati	Rajen Boro (President)	81340-11727
Shikhar Adventure Club, Goreswar	Purna Deka (President)-	96784 10485
Green Trek Adventure Co-operative Society Ltd., Bogamati	Julima Deka (Chairman)	84532-52773
Geremsha NGO, Bogamati	Reben Boro (President)	99573 23023

# **ANNEXURE**

## **Standard Operating Procedures**

### **Regarding Protection and support to women and adolescents in Flood relief Camps:-**

- As part of the Relief Camp Monitoring Team, DSWOs, CPC s along with the DHEW and other support staff of collaborator UNICEF- IGSSS etc. will specifically monitor the quality of the Women and Adolescents in the relief camps. Provide on site guidance/ instruction if there's any scope for improvement and recommendations to Deputy Commissioner and officers of DDMA for any related requirements in the relief camps.
- Identify and refer any unaccompanied woman, adolescent and child who requires support can contact Helpline number 181, 112, 1098, 108 and/or can visit One Stop Centre (OSC) and Child Protection Service.
- Ensure visit by trained counsellors (working in department i.e., in OSC/ Swadher/Ujjawalla in camps on periods basis to provide psycho-social support services particularly children and women.
- Explore possibility of procuring culturally appropriate sanitary protection and culturally appropriate clothing for women and girls in relief camps, if required.
- Ensure counselling to discuss about menstrual hygiene, sexual and reproductive health and rights with women and adolescent girls in the dedicated space created for women and adolescent girls.
- Ensure functioning of minimum child friendly spaces in the designated relief camps where child related services can be delivered. Ensure breastfeeding spaces in the designated relief camps where child related services can be delivered. Ensure breast feeding spaces for lactating mothers.
- Coordinate with the nodal police constable and /or VDC for routine patrolling of the camp to maintain law and order.
- Ensure there are separate toilets for men and women.
- Ensure that the path –ways to the toilets are well –lit, and if not, advocate with DDMA to distribute solar lights or candles.
- Ensure that all the intervention taken up in camps is reported in the master register maintained by the camp –in –charge.

**REVISED LIST OF ITEMS AND NORMS OF ASSISTANCE FROM STATE DISASTER RESPONSE FUND (SDRF) AND NATIONAL DISASTER RESPONSE FUND (NDRF)**

(Period 2022-23 to 2025-26, MHA Letter No. 33-03/2020-NDM-I Dated 10.10.2022)

S.No.	Items	Norms of Assistance
<b>A</b>	<b>Response &amp; Relief [40% of State Disaster Risk Management Fund (SDRMF) i.e. equal to 50% of SDRF allocation for the year]</b>	
<b>1</b>	<b>Gratuitous Relief</b>	
	a) Ex-Gratia payment to families of deceased persons.	Rs. 4.00 lakh per deceased person, including those involved in the relief operations or associated in preparedness activities, subject to the certification regarding cause of death from the appropriate authority.
	b) Ex-Gratia payment for loss of a limb or eye(s).	Rs. 74,000/- per person, when the disability is between 40% and 60%. Rs. 2.50 lakh per person, when the disability is more than 60%. Subject to certification by a doctor from a hospital or dispensary of Government, regarding the extent and cause of disability.
	c) Grievous injury requiring hospitalization	Rs. 16,000/- per person requiring hospitalization for more than a week. Rs. 5400/- per person requiring hospitalization for less than a week. <b>Note:</b> Injured persons getting treatment under the 'Ayushman Bharat' Yojna, will not be eligible for relief under this item.
	d) Clothing and utensils/ household goods for families, whose houses have been washed away/ fully damaged/severely inundated for more than two days due to a natural calamity.	Rs. 2,500/- per family, for the loss of clothing. Rs. 2,500/- per family, for loss of utensils/ household goods.
	e) Gratuitous relief for families whose livelihood is seriously affected.	Gratuitous Relief (GR) for families, whose livelihood is seriously affected will be provided to two adults members of the affected family as per actual rate of MNREGA per day or average rate of all States/UTs per day, whichever is lower. For this purpose, notification issued by Ministry of Rural Development from time to time, is to be referred for calculating average rate. The relief amount should be disbursed



		<p>through DBT/cash(In case of exigency of the situation only) or the State Government may provide this relief in kind.</p> <p>State Govt. will certify that identified beneficiaries are not housed in relief camps, during the period GR is provided. Further, the State Government will provide the basis and process for arriving at such beneficiaries, district-wise.</p> <p>Period for providing gratuitous relief will be as per the assessment of the State Executive Committee (SEC) and the Central Team (in case of NDRF). The default period of assistance will be upto 30 days, which may be extended upto 60 days in the first instance, if required, and subsequently upto 90 days in case of drought/ pest attack. Depending on the ground situation, the SEC can extend the time period beyond the prescribed limit. Provided that expenditure on this account, in no case, should exceed 25% of SDRF allocation under this window (Response &amp; Relief) for the year.</p> <p>Further, to ensure transparency, the list of persons to whom Gratuitous Relief is provided, should be uploaded on the website of the State Government. The State Government shall notify the basis and proof for the identification of beneficiaries in a transparent manner.</p>
<b>2.</b>	<b>Search &amp; Rescue Operations</b>	
	(a) Cost of search and rescue measures/ evacuation of people affected/ likely to be affected.	<p>As per the actual cost incurred, assessed by SEC and recommended by the Central Team (in case of NDRF).</p> <p>By the time the Central Team visits the affected area, these activities may be already over. Therefore, the SEC and the Central Team can recommend actual/ near-actual costs.</p>
	(b) Hiring of boats and other essential equipments for carrying immediate relief and saving lives.	<p>As per the actual cost incurred, assessed by SEC and recommended by the Central Team (in case of NDRF).</p> <p>The quantum of assistance will be limited to the actual expenditure incurred on hiring boats and other essential equipment required for rescuing stranded people and thereby saving human lives during a notified natural calamity.</p>
<b>3</b>	<b>Relief Measures</b>	
	(a) Provision for temporary accommodation, food, clothing, medical care, Gen-set etc. for	As per actual cost incurred, and assessed by SEC and recommended by the Central Team (in case of NDRF), for a period upto 30 days. The

	people affected/ evacuated and sheltered in relief camps.	SEC would need to specify the number of camps, their duration and the number of persons in camps. In case of continuation of a calamity like drought, or widespread devastation caused by earthquake or flood etc., this period may be extended to 60 days. Depending on the ground situation, the SEC can extend the time period beyond the prescribed limit. Provided that expenditure on this account, in no case, should exceed 25% of SDRF allocation under this window (Response & Relief) for the year.  Medical care to be provided from National Health Mission (NHM).
	(b) Air dropping of essential supplies and rescue by Air Force	As per actual cost incurred, assessed by SEC and recommended by the Central Team (in case of NDRF).  The quantum of assistance will be limited to actual amount raised in the bills by the Ministry of Defence for airdropping of essential supplies and rescue operations only.
	(c) Provision of emergency supply of drinking water.	As per actual cost, based on the assessment of need by SEC and recommended by the Central Team (in case of NDRF), up to 30 days, which may be extended upto 90 days in case of drought. Depending on the ground situation, the SEC can extend the time period beyond the prescribed limit. Provided that expenditure on this account, in no case, should exceed 25% of SDRF allocation under this window (Response & Relief) for the year.
<b>4.</b>	<b>Clearance Of Affected Areas</b>	
	a) Clearance of debris in public areas.	As per actual cost, for a period upto 30 days from the date of start of the work, based on assessment of need by SEC for the assistance to be provided under SDRF and as per the assessment of the Central team for assistance to be provided under NDRF.
	b) Draining off flood water in affected areas	As per the actual cost within 30 days from the date of start of the work based on assessment of need by SEC for the assistance to be provided under SDRF and as per assessment of the Central team (in case of NDRF).
	c) Disposal of dead bodies/ Carcasses	As per the actual cost, based on assessment of need by SEC and recommendation of the Central Team (in case of NDRF).
<b>5</b>	<b>Agriculture</b>	
(i)	Assistance to small & marginal farmers having landholding upto 2 ha	

(A)	<b>Assistance for land and other loss</b>	
	a) De-silting of agricultural land (where thickness of sand/ silt deposit is more than 3", to be certified by the competent authority of the State Government.)	Rs 18,000/- per hectare for each item.  Above is subject to a minimum assistance of not less than Rs. 2,200/- per farmer.  (Subject to the condition that no other assistance/ subsidy has been availed of by/ is eligible to the beneficiary under any other Government Scheme)
	b) Removal of debris on agricultural land in hilly areas	
	c) De-silting/ Restoration/ Repair of fish farms	
	d) Loss of substantial portion of land caused by landslide, avalanche, change of course of rivers.	Rs 47,000/- per hectare to only those small and marginal farmers whose ownership of the land is legitimate as per the revenue records. Above is subject to a minimum assistance of not less than Rs. 5,000/- per farmer
(B)	<b>Input subsidy (where crop loss is 33% and above)</b>	
	a) For agriculture crops, horticulture crops and annual plantation crops	Rs. 8,500/- per ha. in rainfed areas.  Above is subject to a minimum assistance of not less than Rs.1,000/- per farmer and restricted to sown areas.  Rs. 17,000/- per ha. in assured irrigated areas.  Above is subject to a minimum assistance of not less than Rs.2,000/- per farmer and restricted to sown areas.
	b) Perennial crops/Agro forestry (Plantation in own farmland)	Rs. 22,500/- ha. for all types of perennial crops/ Agro forestry (Plantation in own farmland), subject to a minimum assistance of not less than Rs. 2,500/- per farmer and restricted to sown areas.
	c) Sericulture	Rs. 6,000/- per ha. for Eri, Mulberry, Tussar  Rs. 7,500/- per ha. for Muga.  Above is subject to a minimum assistance of not less than Rs.1000/- per farmer and restricted to sown areas.
(ii)	<b>Input subsidy to farmers having more than 2 Ha of landholding</b>	Rs. 8,500/- per hectare in rainfed areas and restricted to sown areas.  Rs. 17,000/- per hectare for areas under assured irrigation and restricted to sown areas.  Rs. 22,500/- per hectare for all types of perennial crops/ trees including agro forestry (Plantation in own farmland) and restricted to sown areas.

		Assistance may be provided where crop loss is 33% and above, subject to a ceiling of 2 ha. per farmer.
	<b>Note:</b> Assistance for input subsidy under Item No. 5(i)(B) and 5(ii) will be adjusted to the extent of insurance claim received under the Prime Minister Fasal Bima Yojna (PMFBY), for the instant calamity.	
6.	<b>Animal Husbandry - Assistance To Small And Marginal Farmers And Landless Livestock Owners</b>	
	i) Assistance for the loss of milch animals, draught animals or animals used for haulage.	<p>Milch Animals-</p> <p>Rs. 37,500/- Buffalo/ cow/camel/ yak/ Mithun etc. Rs. 4,000/- Sheep/ Goat/ Pig</p> <p>Draught animals -</p> <p>Rs. 32,000/- Camel/ horse/ bullock etc. Rs. 20,000/- Calf/Donkey/ Pony/ Mule/ Heifers</p> <p>The assistance may be restricted for the actual loss of economically productive animals due to notified natural calamity and will be subject to a ceiling of 3 large milch animals and /or 30 small milch animals or 3 large draught animals and/or 6 small draught animals per household irrespective of whether a household has lost a larger number of animals.</p> <p>(Claim for loss of animals will be considered only if number and type of animals owned by Small and Marginal Farmers/Landless Livestock Owners are registered with local/designated authorities.)</p> <p>Poultry:- Poultry @ 100/- per bird subject to a ceiling of an assistance of Rs 10,000/- per beneficiary household. The death of the poultry birds should be on account of a natural calamity.</p> <p><b>Note:</b> - Relief under these norms is not eligible if the assistance is available from any other Government Scheme, e.g. loss of birds due to Avian Influenza or any other diseases for which the Department of Animal Husbandry has a separate scheme for compensating the poultry owners.</p>
	ii) Provision of fodder / feed concentrate including water supply and medicines in cattle camps.	<p>Large animal - Rs. 80/- per day.</p> <p>Small animal - Rs. 45/- per day.</p>

*MH*

	<p><b>Explanation:</b> It will also include existing Gaushalas, if authorized by the State Government by Notification or Government Order, to act as a cattle camp subject to the following conditions:-</p> <p>(i) During the period of calamity, District Administration will assess the requirement of cattle shelter and number of gaushala required to be notified as cattle shelter in the District/Tehsil. After obtaining the base-line information on the cattle already sheltered and the number of more cattle it can accommodate, Gaushala may be notified as cattle shelter.</p> <p>(ii) The notified gaushala shall maintain a separate account of the additional cattle belonging to SMF and landless labourers for the notified drought period. The consolidated list of SMF and landless beneficiaries with number and types of animals will be displayed on the notice board of Gram Panchayat, Block, Tehsil and in the office of Sub-Divisional Magistrate and District Magistrate as well as State/ District web-site for the purpose of verification and social audit.</p> <p>(iii) SDRF funds will only be released to such notified gaushala on reimbursement basis and will be limited to list of individual beneficiaries notified as in Sl.No. (ii) above.</p>	<p>Period for providing relief will be as per the assessment of the SEC and the Central Team (in case of NDRF). The default period for assistance will be for the period of calamity upto 30 days, which may be extended upto 60 days in the first instance and in case of severe drought up to 90 days. Depending on the ground situation, the SEC can extend the time period beyond the prescribed limit. Provided that expenditure on this account, in no case, should exceed 25% of SDRF allocation under this window (Response &amp; Relief) for the year.</p> <p>Based on assessment of need by SEC and recommendation of the Central Team, (in case of NDRF) consistent with estimates of cattle as per Livestock Census and subject to the certificate by the competent authority about the requirement of medicine and vaccine being calamity related.</p>
	<p>iii) Transport of fodder to cattle outside cattle camp</p>	<p>As per actual cost of transport during notified calamity, based on assessment of need by SEC and the recommendation of the Central Team (in case of NDRF), consistent with estimates of cattle as per Livestock Census.</p>
<p><b>7</b></p>	<p><b>Fishery</b></p> <p>i) Assistance to Fisherman for repair / replacement of non-mechanized boats and damaged/ lost nets.</p> <p>(This assistance will not be provided if the beneficiary is eligible or has availed of any subsidy/</p>	<p>Rs. 6,000/- for repair of partially damaged boats only</p> <p>Rs. 3,000/- for repair of partially damaged net</p> <p>Rs.15,000/- for replacement of fully damaged boats</p>



	assistance, for the instant calamity, under any other Government Scheme.)	Rs. 4,000/- for replacement of fully damaged net  (Assistance under this item will be adjusted to the extent of Insurance claim, if any, received by the fisherman, under any insurance scheme, for the instant calamity).
	ii) Input subsidy for fish seed farm to Small and Marginal Farmers	Rs. 10,000/- per hectare.  This assistance will not be provided if the beneficiary is eligible or has availed of any subsidy/ assistance, for the instant calamity, under any other Government Scheme, except the one time subsidy provided under the Scheme of Ministry of Fisheries, Animal Husbandry & Dairying.
<b>8</b>	<b>Handicrafts/Handloom – Assistance To Artisans</b>	
	i) For replacement of damaged main functional tools/ equipments	Rs. 5,000/- per artisan for equipments.  Subject to certification by the competent authority designated by the Government about damage and its replacement.
	ii) For loss of raw material/ goods in process/ finished goods	Rs. 5,000/- per artisan for raw material.  Subject to certification by Competent Authority designated by the State Government about loss and its replacement.
<b>9</b>	<b>Locust Control</b>	
	Hiring of vehicles, tractors, with spray equipments for spraying of plant protection chemicals for pest control, hiring of water tankers and purchase of plant protection chemicals for locust control.	As per the actual cost, based on the assessment of need by the SEC and recommended by the Central Team (in case of NDRF).  The quantum of assistance will be limited to the actual expenditure incurred on hiring vehicles, tractors with spray equipments for spraying of plant protection chemicals for locust control during locust attack. However, expenditure on this account, in no case, should exceed 25% of SDRF allocation under this window (Response & Relief) for the year.
<b>B.</b>	<b>Recovery &amp; Reconstruction: (30% Of SDRMF i.e. equal to 37.50% of SDRF allocation for the year)</b>	
<b>10</b>	<b>Housing</b>	
	a) Fully damaged/ destroyed houses and severely damaged houses	

*Signature*

	i) Pucca house	Rs. 1,20,000/- per house, in plain areas.,
	ii) Kutcha House	Rs. 1,30,000/- per house, in hilly areas.
	<b>b) Partially Damaged Houses (Other than huts) where the damage is at least 15%</b>	
	i) Pucca house	Rs. 65,00/- per house
	ii) Kutcha House	Rs. 4,000/- per house,
	<b>c) Damaged/ destroyed huts:</b>	Rs. 8,000/- per hut,  (Hut means temporary, make shift unit, inferior to Kutcha house, made of thatch, mud, plastic sheets etc. traditionally recognized as hut by the State/ District authorities.)  Note: The damaged house/hut should be an authorized construction, duly certified by the Competent Authority of the State Government.
	e) Cattle shed attached with house	Rs. 3,000/- per shed,
<b>11</b>	<b>Infrastructure</b> [Repair/restoration(of immediate nature) of damaged infrastructure]	
	<b>(1) Roads &amp; bridges, which may include the following activities:</b>	Assessment of requirements: Based on the assessment of need, as per States' notified schedule of rates for repairs, by SEC and recommendation of the Central Team (in case of NDRF).  In case of repair of roads, assistance will be given based on the notified Ordinary Repair (OR) and Periodical Renewal (PR) of the State. In case OR & PR is not available, then assistance will be provided as per rate prescribed in this item. However, in any case, the assistance will be provided at the rate whichever is lower.  Prescribed rate are as under:-  ➤ Repairs of State Highways /Major District Roads(MDR) - in normal areas -- @ Rs. 1.0 lakh /km ; - in hilly areas -- @ Rs. 1.25 lakh /km ;  ➤ Repairs of Rural/village Roads with culverts - in normal areas -- @ Rs. 60,000/- km ; - in hilly areas -- @ Rs. 75,000 / km ;  ➤ Repairs of RCC Culvert/Bridge - in normal areas -- @ Rs 60,000 per culvert; - in hilly areas -- @ Rs 75,000/- per culvert.
	i) Filling up of breaches and potholes, use of pipe for creating waterways, repair and stone pitching of embankments.	
	ii) Repair of breached culverts.	
	iii) Providing diversions to damaged/washed out portions of bridges to restore immediate connectivity.	
	iv) Temporary repair of approaches to bridges/embankments of bridges, repair of damaged railing bridges, repair of causeways to restore immediate connectivity, granular sub base, over damaged stretch of roads to restore traffic.	

	<p><b>(2) Drinking Water Supply Schemes</b>, which may include the following activities:-</p> <ul style="list-style-type: none"> <li>i) Repair of damaged platforms of hand pumps/ring wells/spring-tapped chambers/public stand posts, cisterns.</li> <li>ii) Restoration of damaged stand posts including replacement of damaged pipe lengths with new pipe lengths, cleaning of clear water reservoir (to make it leak proof).</li> <li>iii) Repair of damaged pumping machines, leaking overhead reservoirs and water pumps including damaged intake-outtake structure, approach gantries/jetties.</li> </ul>	<p>Damaged drinking water supply schemes will be eligible for assistance as per actual, subject to a ceiling of Rs 2.00 lakh per damaged scheme.</p> <p>Cleaning of Community drinking water wells as per actual, subject to a ceiling of Rs 10,000/ per well</p>
	<p><b>(3) Minor Irrigation Schemes</b>, which may include the following activities:</p> <ul style="list-style-type: none"> <li>i) Immediate repair of damaged canal structures and earthen/masonry works of tanks and small reservoirs with the use of cement, sand bags and stones.</li> <li>ii) Repair of weak areas such as piping or rat holes in dam walls/ embankments.</li> <li>iii) Removal of vegetative material/building material/debris from canal and drainage system.</li> <li>iv) Repair of embankments of minor irrigation projects.</li> </ul>	<p>In case of repairs of minor Irrigation works, assistance will be given as per the schedule of rates (SOR) for repairs notified by the concerned State.</p> <p>In case SOR is not available, assistance for irrigation scheme/ canal will be provided as per actuals, subject to the ceiling of Rs 2.00 lakh per damaged minor scheme.</p> <p><b>Note:-</b> However, in any case, the assistance will be provided at the rate whichever is lower.</p> <p>Assistance for restoration of damaged embankment of minor irrigation projects will be at par with the case of similar rural roads, subject to the stipulation that no duplication would be done with any ongoing schemes.</p>
	<p><b>(4) Power</b> (only limited to immediate restoration of electricity supply in the affected areas):</p> <p>Damaged Poles/conductors and transformers upto 11 kv.</p>	<p>Regarding repair of damaged power sector, assistance will be given for the damaged conductors, poles and transformers upto the level of 11 KV and LT lines with bare conductor, as per details hereunder:</p> <p>➤ The rate of assistance will be:</p> <ul style="list-style-type: none"> <li>- Rs.5000/pole;</li> <li>- Rs. 0.50 lakh per km for repairing of damaged LT lines;</li> <li>- Rs.1.00 lakh for replacement of one damaged distribution transformer.</li> </ul>



		(Note:-The above assistance will not be applicable for those items which can be re-used).
	(5) Schools Repair of damaged schools building	As per actual, subject to a ceiling of Rs 2.00 lakh per school.
	(6) Primary/Community Health Centres Repair of Primary/Community Health Centres	As per actual, subject to a ceiling of Rs 2.00 lakh per unit.
	(7) Community Assets Owned by Panchayat Temporary repair of Mahila Mandal, Yuva Kendra, Panchayat Ghar, Community Hall, Anganwadi, etc.	As per actual subject to a ceiling of Rs 2.50 lakh per unit.
C.	<b>Preparedness &amp; Capacity Building (10% Of SDRMF i.e equal to 12.50% of SDRF allocation for the year)</b>	
12.	Procurement of essential search, rescue and evacuation equipments including communication equipments, etc for response to disaster.	Expenditure from the preparedness and capacity building window will be governed by the Guidelines issued separately by the Ministry of Home Affairs for the Preparedness & Capacity Building window of SDRF/ NDRF.
13	Capacity Building	
D.	<b>State Specific Disasters</b>	
	State specific disasters within the local context in the State, which are not included in the notified list of disasters eligible for assistance from SDRF/ NDRF, can be met from SDRF within the limit of 10% of the annual funds allocation of <del>respective window</del> the SDRF.	<p>Expenditure is to be incurred from SDRF only (and not from NDRF), as assessed by the SEC.</p> <p>The norm for various items will be the same as applicable to other notified natural disasters, as listed above;</p> <p>or</p> <p>In these cases, the scale of relief assistance against each item for 'local disaster' shall not exceed the norms of SDRF.</p> <p>The flexibility is to be applicable only after the State has formally listed the disasters for inclusion and has notified transparent norms and guidelines, with a clear procedure for identification of the beneficiaries for disaster relief for such local disasters', with the approval of SEC.</p>
E	<b>Items Not Covered under SDRF/NDRF</b>	
	a) Colleges and other educational institutions buildings b) Major/medium Irrigation Schemes c) Flood control and anti Erosion Protection work	

d)	Hydro Power Project/HT Distribution systems/Transformers and sub stations
e)	High Tension Lines (above 11 kv)
f)	State Govt Buildings viz, departmental/office building, departmental/residential quarters, religions structures, patwarkhana, Court premises, play ground, forest bungalow property and animal/bird sanctuary etc.
g)	Long term/permanent restoration work
h)	Procurement of equipments/ machineries under NDRF
i)	National Highways
j)	Sectors such as Telecommunication and Power (except immediate restoration of power supply), which generate their own revenues, and also undertake immediate repair/restoration works from their own funds/resources, are excluded.

**Note:-**

- (i) For assistance under NDRF for items at S. Nos. 2 (a), (b), 3 (a), (b), (c), 4 (a), (b), (c), 6 (ii), (iii), and 9, while actual expenditure is allowed, the State Government will provide the item-wise details of expenditure to the Inter-Ministerial Central Team (IMCT)/ Central Government.
- (ii) Ex-Gratia payment of Rs 50,000/- per deceased person, to next of kin of the deceased person, including those involved in the relief operations or associated in the preparedness activities, subject to the cause of death being certified as COVID-19, as per the guidelines jointly issued by the Ministry of Health and Family Welfare and the Indian Council of Medical Research on 3rd September, 2021, will be given as per guidelines on minimum relief issued by the National Disaster Management Authority (NDMA) dated 11.09.2021.  
  
This ex-gratia assistance will be applicable from the date of first COVID-19 case reported in the country and will continue till de-notification of COVID-19 as a disaster or till further orders, whichever is earlier, to next of kin of the deceased due to COVID-19.
- (iii) There will be a Mid-Term review of the norms after 2 years, based on price level index.
- (iv) The State Governments are to take utmost care and ensure that all individual beneficiary-oriented assistance is necessarily/ mandatorily disbursed through Direct Benefit Transfer in the bank account of the beneficiary.
- (v) The scale of relief assistance against each item for all notified disasters including 'local disaster' should not exceed the norms of SDRF/ NDRF. Any amount spent by the State for such disasters over and above the ceiling, would be borne out of the resources of the State Government and not from SDRF.

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**ANNEXURE:-20****INDENT FOR GR**

Indent No \_\_\_\_\_  
 Date \_\_\_\_\_  
 To, The District Commissioner  
 Tamulpur District,

Sub: Issue of Gratuitous Relief for \_\_\_\_\_ day for flood affected families.

Sir,

With reference to the subject cited above, I have the honour to request you to issue Gratuitous Relief for distributing amongst the flood affected families as per following break up of the camps/villages under \_\_\_\_\_ Revenue Circle in Sector No. \_\_\_\_\_ Sector Name \_\_\_\_\_.

Sl no	Name of Relief Camp	Name of village affected	Total Nos of family	Inmates			Rice (In Qtl)	Dal (In Qtl)	M.Oil (In ltrs)	Salt (In Qtl)	Other Items
				Adult	Minor	Total					
1											
2											
3											
4											
5											
Total=											

Yours Faithfully

Signature of Circle Officer (Zonal Officer)

Name \_\_\_\_\_  
 Circle Name \_\_\_\_\_

Signature of Sector Officer

Name in full \_\_\_\_\_  
 Name of Sector \_\_\_\_\_

**Scale of GR**

Sl. No	Name of Item	Adult	Minor
1	Rice	600g	400g
2	Dal	100g	100g
3	M. Oil	30ml	30ml
4	Salt	30g	30g



Annexure-21

**GOVT. OF ASSAM**  
**OFFICE OF THE TAMULPUR DISTRICT: TAMULPUR**  
**(DISASTER MANAGEMENT BRANCH)**

No : DDMA- Dated TAMULPUR, the 2024

To, I/C FSD  
 Tamulpur Sub Divisional officer, Tamulpur

Sub: Supply order for Gratuitous Relief for \_\_\_\_\_ day.

Ref.: .....

Please arrange to supply the following quantity of essential commodities for distribution to the flood affected families immediately & submit bill in duplicate along with the copy of Original receipt Challan.

Name of Circle	Sl. No	Name of relief camps/Villages	Inmates			Rice (A Grade) (In Qtl)
			Adult	Minor	Total	
	01					
	02					
	03					
	04					
	05					
	06					
Total=						

Addl.District Commissioner cum CEO,  
 DDMA, Tamulpur  
 Dated Tamulpur, the 2022

Memo No : DDMA-

Copy to:-

1. The Sector Officer \_\_\_\_\_ for information & necessary action with reference to his Indent No \_\_\_\_\_ dated ..... He is requested to receive the above materials along with the Sector LM and arrange for distribution to the flood affected families as above mentioned relief camps and submit APRS/Accounts etc. through respective Circle officer after distribution is over.
2. The Deputy Director, Food Civil Supplies & Consumer Affairs Baksa. He is requested to depute One Inspector/ Sub-Inspector of Food Civil Supply & Consumer Affairs, Baksa to receive the materials as per order and hand to the Sector Officer against \_\_\_\_\_ Sector under \_\_\_\_\_ Revenue Circle.
3. The Circle Officer, \_\_\_\_\_ Revenue Circle for information and necessary action.
4. The P.A to DC for kind appraisal of the District Commissioner, Tamulpur.

Addl.District Commissioner cum CEO,  
 DDMA, Tamulpur District

### **ALL STAKEHOLDERS OF THE DISTRICT WITH THEIR CONTACT DETAILS**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Mobile No.</b>
1	Sri Bidyut Bikash Bhagwati, ACS	DC, Tamulpur	70028-78911
2.	Smti Kukila Gogoi, ACS	ADC, Tamulpur	86382-35494
3.	Smti Pankaj Yadav, IPS	Superintendent of Police, Tamulpur	60269-01249
4.	Smt Runav Ramchiary	ADC, Tamulpur	88768-28712
5.	Smt Kabita Phangso	Assistant Commissioner, Tamulpur	86388-28566
6.	Ms. Arunima Kakaty	Assistant Commissioner, Tamulpur	86380-95923
7.	Shri Hitesh Baro	Assistant Commissioner, Tamulpur	8761991249
8.	Shri Tridip Pritam Kumbang	Addl. SP, Tamulpur	6026900128
9.	Ms. Elima Kandulna, Circle Officer	Circle Officer, Tamulpur	6901624064
10.	Sri Manash Jyoti Bora	Circle Officer, Goreswar	70027-20805
11.	Anindita Brahma, ALRS	Circle Officer (A), Goreswar	83998-35851
12.	Chanda Singh	Consulatant ,SFDRR, Baksa	8404085820
13.	Shri Dhaniram Pator	BDO, Tamulpur Dev. Block	7086760745
14.	Shri Charan Narzary	BDO, Nagrijuuli Dev. Block	91011-29004
15.	Shri Kailash Roy	BDO, Goreswar Dev. Block	98643-36314
16.	Shri Golap Ch Das	EE, WRD, Tamulpur	99543-24498
17.	Shri Babul Rajbongshi	AEE, Water Resource Tamulpur	93654-33284
18.	Shri Siddartha Das	AEE, PWD, Tamulpur	99546-35865
19.	Shri Manoj Kumar Brahma	AEE, PWD, Goreswar	86384-29004
20.	Dr. Rupan Ch. Baro	SDVO, Tamulpur	94012-86668
21.	Sri Samiran Baruah	AEE PHE, Tamulpur	70869-76386
22.	Partha Deka	PHE, Tamulpur	87210-42457
23.	Ms Elima Kandulna, Circle Officer	I/c SDWO, Tamulpur	84718-89620
24.	Mr Ashif Ahmed	DTO, Baksa	98540-22455
25.	Dr.Munindra Talukdar	Jt. Director, Health Services, Baksa	94351-61296
26.	Dr. H M Kalita	SDM&HO, Tamulpur PHC	98591-20371
27.	Dr. Jagadish Ch Kalita	SDM&HO, Goreswar BPHC	94355-46205
28.	Shri Pranab Rajbongshu	Fire Service, Tamulpur	87240-40989
29.	Shri Amulya Ingti	Fire & Emergency Services, Goreswar	81349-97545
30.	Smt. Mammu Ramchiary	Field Officer, Tamulpur Rev. Circle	78966-78390
31.	Sri Mridul Kr. Das	Field Officer, Goreswar Rev. Circle	81338-98488
32.	DDMA Helpline Number	Control Room Number	93878-93394/ 03624-1077
33.	Shri Abinash Bezbaruah	DEOC, Information Assisstant	9127566036
34.	Shri Angshuman Bhattacharjya	DEOC, Information Assisstant	9707160691
35.	Shri Simanjyoti Das	DEOC, Information Assisstant	8751865667
36.	Shri Saurav Bhattarai	DEOC, Information Assisstant	8135987456

# GORESWAR REVENUE CIRCLE

BAKSA DISTRICT

1 in = 2 kilometers



N.25°57'N

N.25°57'N

N.25°57'N

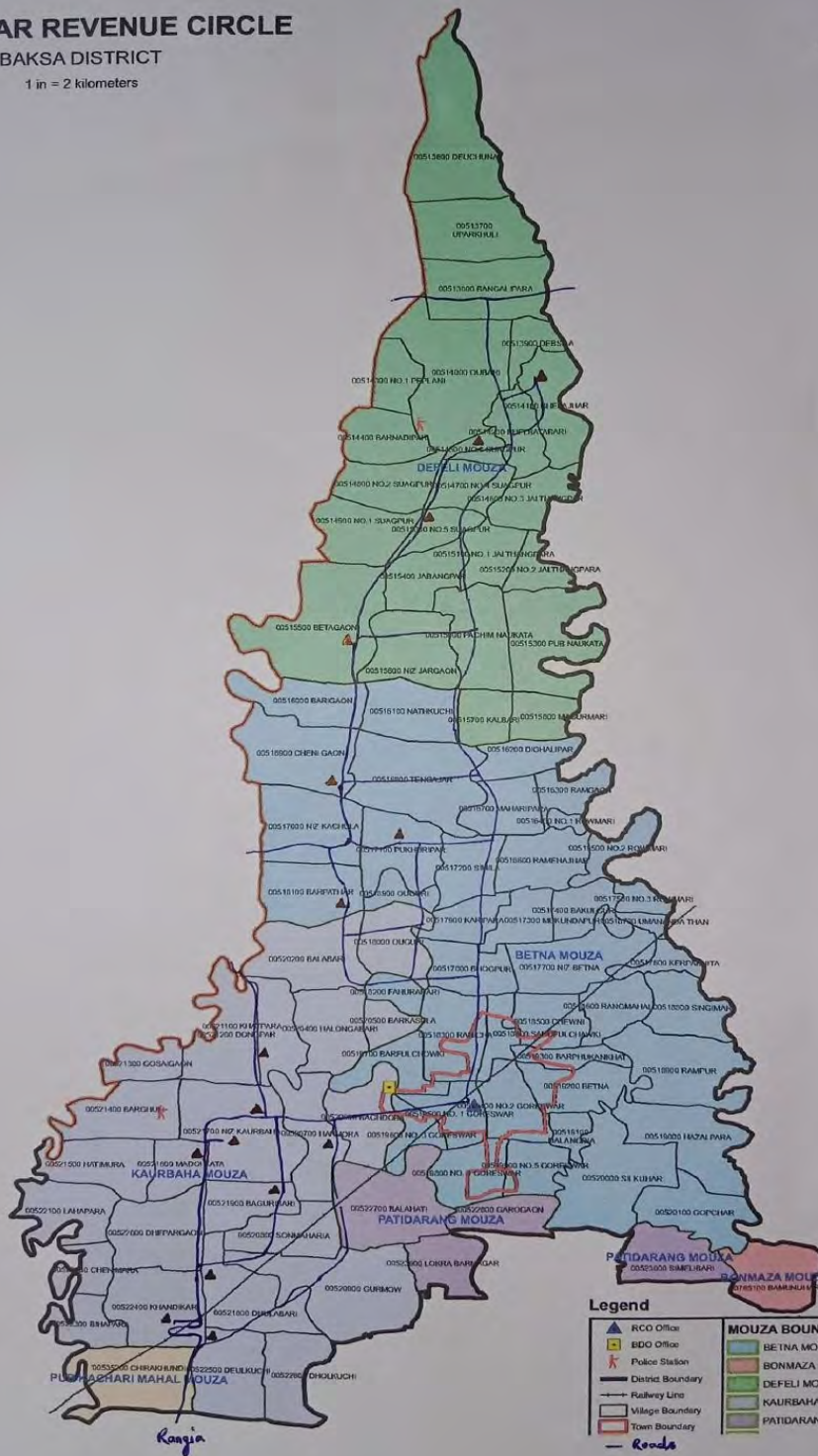
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N.25°57'N

N.25°57'N

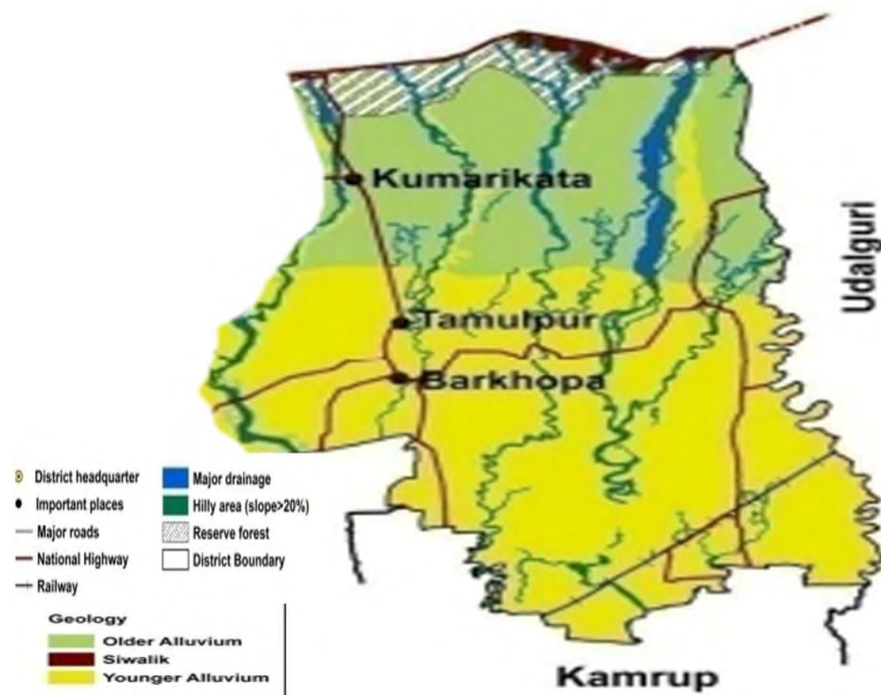
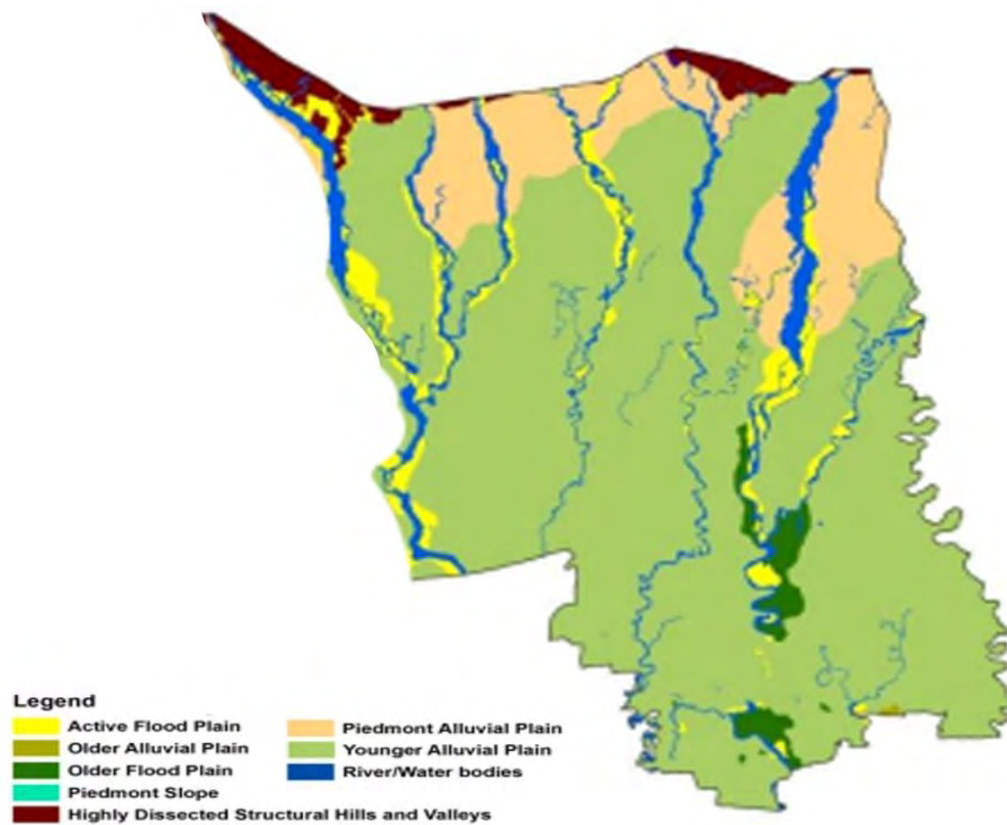
N.25°57'N



## Legend

	RCO Office		MOUZA BOUNDARY
	BDO Office		BETNA MOUZA
	Police Station		BONMAZA MOUZA
	District Boundary		DEFELI MOUZA
	Railway Line		KAURBAHA MOUZA
	Village Boundary		PATIDARANG MOUZA
	Town Boundary		
	Roads		





**THANK YOU**