

**DRAFT DISTRICT DISASTER MANAGEMENT  
PLAN  
2020-21  
PURBA MEDINIPUR**

## Table of Content

Chapter No	Subject	Page No
Chapter - 1	Introduction 1.1 Aims of the DDMP 1.2 Objectives of the DDMP 1.3 Authority of the DDMP 1.4 Evolution of the plan in Brief 1.5 Stakeholders & their responsibility 1.6 How to use the plan 1.7 Plan review & updation	5-8
Chapter - 2	Hazard,Vulnerability,Capacity & Risk Assessment 2.1 District Profile 2.2 Administrative Divisions 2.3 Climate & Rainfall 2.4 Major Rivers 2.5 Map of Purba Medinipur District Flood Suceptibility Map Cyclone Susceptibility Map Vulnerability Map 2.6 Disaster Probability 2.7 Matrix of Past Disasters 2.8 HVCRA 2.9 Capacity & Resource Inventory	9-38
Chapter - 3	Institutional Arrangements for Disaster Management 3.1 DDMA 3.2 District Disaster Management Committee 3.3 District Disaster Management Section 3.4 Incident Response Team Framework 3.5 List of NGO 3.7 List of District IAG Members 3.8 Warning and Forecasting Agencies	39-51
Chapter - 4	Prevention & Mitigation Measures 4.1 Hazard – wise Prevention and Mitigation Measure	52-55
Chapter - 5	Preparedness Measure 5.1 Stakeholders in Disaster Response 5.2 Search & Rescue Team 5.3 Evacuation Team 5.4 Quick Response Team 5.5 Activation of Control Room 5.6 Operational checkup of EOC	56-60
Chapter - 6	Capacity Building and Training Measures 6.1 Capacity Building Plan 6.2 Institute for Capacity Development 6.3 Training Calender	61-68

Chapter - 7	Response Relief Measures 7.1 Hazard Specific Responsibility Matrix	69-77
Chapter – 8	Recovery Rehabilitation and Reconstruction 8.1 Recovery Rehabilitation Reconstruction Measures	
Chapter - 9	Financial Resources for Implementation of the DDMP 9.1 State Financial Resources 9.2 District Financial Resourceces	78-80
Chapter - 10	Procedure & Methodolgy for Monitoring Evaluation,Upadation & Maintenance of DDMP 10.1 Authority for Monitoring & Review the DDMP 10.2 Post Disaster Evaluation 10.3 Schedule for Updation of DDMP 10.4 Uploading of Updated DDMP at DDMA/SDMA websites 10.5 Conducting Mockdrill 10.6Monitoring & Gap of Evaluation	81-84
Chapter - 11	Co-Ordination Mechanism for Implementation of DDMP 11.1 All Line Department Plan	85-131
Chapter - 12	SOPs & Checklists 12.1 Department wise SOP 12.2 Search & Rescue Team 12.3 Medical Vehicle(Ambulance)	132-151
Annexure 1	Map ,Tables,Figure 1. Digital Elevation Model 2. Administrative Map 3. Soil Map 4. Landuse & Landcover Map 5. Population Density Map 6. River & Drainage Map 7. Transportation Network 8. Occupational Structure 9. Multipurpose Cyclone Shelter 10. Flood Shelter 11. Evacuation Map 12. Household type 13. Inundation Map	152-178
Annexure 2	Block Disaster Management Plan	179-229
Annexure 3	Details of Mela Details of Petrol Pump Standard Operating Procedure of South Eastern Railways List of Heritage Site District Vulnerability Analysis Crowd Management Plan Industrial Disaster Management Plan	230-278





# INTRODUCTION

## Chapter -1

### INTRODUCTION:

#### 1.1 AIMS:

The purpose of preparing Multi – Hazard District Disaster Management Plan is –

- a) To ascertain the status of existing resources and facilities available with the various agencies involved in the management of disaster in the District.
- b) To assess their adequacies and short falls if any in providing a multi- disaster response.
- c) To suggest institutional strengthening, technology support, up gradation of information system and data management for improving the quality of administrative responses to disaster at the district level and finally,
- d) To evolve Multi Hazard District Disaster Management Plan as an effective managerial tool.

#### 1.2: OBJECTIVE:

In the absence of a defined plan response to a disaster would be arbitrary leading to over emphasis of some actions or other actions, which would be critical. Moreover, due to absence of a defined response structure and responsibilities allocations there would be mismanagement of resources and overlap of actions among various agencies, which may exacerbate the situation there by compounding the disaster effect.

A formal planning for managing disaster is therefore necessary to ensure minimize of hardship. This can be achieved only through: -

- a) Preplanning a proper sequence of response actions
- b) Allocation of responsibilities to the participating agencies
- c) Effective management of resources, and
- d) Developing codes and standard operating procedures for smooth coordination between various departments and relief agencies involved.

The objectives of any Multi Hazard District Disaster Management Plan should be to localize a disaster and to the maximum extent possible contain it so as to minimize the impact on life, the environment and property.

#### 1.3: Authority for DDMP: Disaster Management Act 2005 (DM Act)

As per instruction from Joint Secretary, State Disaster Management Department Govt. of West Bengal Kolkata for prepare Multi – Hazard District Disaster Management Plan, The District Disaster Management Committee, Purba Medinipur takes the initiative to up date the Multi – Hazard District Disaster Management Plan, of Purba Medinipur district. The District Disaster Management Section, Purba Medinipur carries out the secretarial activities and mans the Emergency Operation Centre (EOC) during disasters.

As per the provision under section 25(1) of the Disaster Management Act, 2005 the District Disaster Management Authority (DDMA) of Purba Medinipur District has been constituted as follows:-

Sl. No.	Designation	Portfolio	Phone No.	Fax No.	Mobile No.	E-mail ID
1	District Magistrate	Chairperson	(03228)-263098	(03228)-263500	8373063000	dmpurb@gmail.com
2	Sabhadhipati, PMZP Ex-Officio	Co-Chairperson	(03228)-269672	(03228)-269673	9732862344	svdzppurbamdn@gmail.com
3	Additional District	Chief	(03228)-263667	(03228)-263994	8373063001	admgpurb@gmail.com

	Magistrate (Disaster Management)	Executive Officer				
4	Superintendent of Police	Member	(03228)- 269580	(03228)- 269763	7797219090	Sp- purbamedinipur @wbpolice.gov .in
5	Chief Medical Officer of Health	Member	(03228)- 269595	(03228)- 270437	9635799228	cmoh_mdpe@ wbhealth.gov. in,
6	Executive Engineer, I&WD, Tamluk, Member	Member	(03228)- 266889		9800013250	eemd2010@ gmail.com
7	Executive Engineer, I&WD, Contai, Member	Member	(03220)- 255162	(03220)- 256436	9434303934	cidivision.2012 @gmail.com
8	District Disaster Management Officer	Member	03228- 263-329	03228-263- 728	873062399	ddmopmdn@g mail.com

This DDMP has been prepared as per the provision under section 31 of the Disaster Management Act, 2005

#### 1.4 Evolution of DDMP in Brief:

The DDMP has been prepared on the basis of various guidelines issued from time to time by the National Disaster Management Authority (NDMA), State Disaster Management Authority (SDMA), information received from the different line department and in accordance with the model framework prescribed by the NDMA. The draft DDMP is discussed in brief in the meeting of the DDMA/DDMC and then sent to the State Govt. Department of Disaster Management and Civil Defence for approval / suggestion if any to make the plan more effective. It is updated at least once every year based on an inbuilt continuous monitoring and evaluation process.

#### 1.5: Stakeholders and their responsibilities:

SI No	Stakeholders	Responsibility
1	District Magistrate	Chairman DDMA, Responsible Officer for Incident Response System(IRS). The District Magistrate plays a Co-ordinating role at the district level to ensure that the various Government functionaries in the district effectively carry out the Disaster Management activities in this phase working in close co-operation with Government Department and local bodies.
2	Sabhadhipati, PMZP Ex-Officio	Sabhadhipati of ZP here plays a pivotal role in every kind of crisis management operation. The services of different district level functionaries of different line departments can be utilised in the disaster management.

3	Superintendent of Police	Evacuation of the incident areas, provide police wireless communication, search & rescue and to maintain law & order immediate after disaster. He /she will take all steps to ensure safety of life and property of every citizen in consultation with the District Magistrate. Control entry to the emergency area by establishing various naka points
4	Chief Medical Officer of Health	Medical plan for preparedness & mass casualty management, preventive & curative healthcare in the affected areas and hospitals
5	Executive Engineer, I&WD, Tamluk, Member	Identified of Vulnerable Embankment Restoration & Repair Vulnerable Embankment.
6	Executive Engineer, I&WD, Contai, Member	Identified of Vulnerable Embankment Restoration & Repair Vulnerable Embankment.
7	District Disaster Management Officer	As the representative of the Disaster Management Department, District Disaster Management Officer will assist the District Magistrate in every kind of disaster management operations, in the implementation of the policies & principles of the department and the rules of the disaster management code within their jurisdiction.
8	Divisional Fire & Emergency Officer	Search & Rescue, first aid, firefighting, evacuation, removal of collapsed houses, walls etc.
9	EE PWD	Disaster preparedness, Provide engineering support in search and rescue, demolition of weak/damaged buildings, emergency restoration of roads and bridges, assessment of quantum & extent of loss
10	Regional Manager, WBSSEDCL	Restoration of electric supply, maintenance and repairing
11	EE PHE	Supply of drinking water and other related sanitation materials in shelter houses and affected areas
12	Dy. Director ARD	Cattle vaccination in flood scenario, Carcass disposal, arrangement of shelter/fodder/medicines for animals
13	Dy. Director F & S	Arrangements of essentials commodities and other related matters, to continue PDS
14	Dy. Director Agriculture	Promote Crop Insurance/ Draught resistant crops, Restoration of normalcy in Agri crops
15	SI Pry & Secondary	Disaster preparedness in schools, First Aid
16	EE Transport & Highway Divn.	Enlisting various classes of vehicles available, arranging vehicles for evacuation
17	NDRF/SDRF/Civil Defence	search & rescue, first aid, evacuation etc

### **1.6 How to use the Plan:**

The plan provides guidelines for each stage of disaster management cycle viz. Prevention, Mitigation, Preparedness, Response and Recovery for all the stakeholders. It provides concise and easy to use Standard Operating Procedures (SOP) and check lists for all the stakeholders of things to be done in pre-disaster, disaster and post-disaster phases. An easy to use pocket booklet containing contact numbers and SOPs accompanies this document.

### **1.7 Plan Review & Updation:**

In normal course the Plan is reviewed annually on the basis of the information and the feedback gathered from various line departments. In addition there is a flexibility to review and update it as and when needed.

# Chapter - II

## HRVCA

## Chapter 2: Hazard, Vulnerability, Capacity and Risk Assessment

Hazard Risk Vulnerability and Capacity Assessment(HRVCA) is one of the important and integral parts for disaster risk reduction(DRR).The objective of a HRVCA is primarily to anticipate the potential problems and possible solutions to help to save lives,protect property,assets,reduce damage and facilitate a speedy recovery.It is worthwhile to mention that HRVCA is a means towards becoming disaster resilient and is not an end in itself.Use of HRVCA helps the policy makers,administrators and the community to make risk based choices to address vulnerabilities,mitigate hazards and prepare for response to and recovery from disasters events.

### 2.1-District Profile

Physical Feature						
Geographical Location	The district of Purba Medinipur is located at the southernmost part of Burdwan Division as well as West Bengal and is situated between 22°57'10" North latitude and 21°36'35" North latitude and 88°12'40" East longitude and 86 ° 33'50" East longitudes. The district has an irregular quadrilateral shape and is located in the Southern part of West Bengal. There is a definitive coastline with Bay of Bengal towards South and South-Eastern boundary of the District. On other sides it is surrounded by river Rupnarayan and the combined flow of river Rupnarayan and lower course of river Hugli (Hooghly) to the East, district Paschim Medinipur to the West and North, State of Odisha to the South-West. Beyond the rivers, District Haora and South Twenty Four Parganas form the Eastern boundary.					
Total Area	4713 Sq Km.					
Administrative Division	Sub-Div	Police Station	CD Block	Municipality	Panchayet	Mouza
	Tamluk	6	7	2	82	867
	Haldia	8	5	1	38	466
	Contai	11	8	1	61	851
	Egra	3	5	1	42	599
Rivers	Rupnarayan,Kansabati,OldCossye,NewCossye,Dobady,Chandiya,Durbachaty					
Towns	Panskura, Kolaghat, Macheda, Tamluk, Nandakumar Mahisadal Haldia, Chandipur Contai, Ramnagar ,Digha,Egra,Patashpur, Bhagwanpur.					
Topography	Topographically, the district can be divided into two parts viz. (i) Flat plains on the East, West and Northern portion of the district, and (ii) The Contai Coastal plain at the Southern part. The land of Purba Medinipur district is a quaternary alluvial deposition. As the district area is bounded by water bodies in two sides, it is a formation of fluvial-tidal deposition. Geologically the area is of recent origin. This region is 5-7 meters above mean Sea level and average slope is 0-5 degree					
Soil Type	The soil of the district is alluvial type, as the district under coastal alluvium and its deposition. Soil of this region consists of different layers like sand, silt and clay. The district is situated on					

	flood plains of the rivers Rupnarayan and river Haldi and therefore huge amount of clay is dominating in soil texture. Due to this specialty of soil, water logging in this region during monsoon is very common. Due to poor permeability, the soils are imperfect to poorly drain. Due to this physical quality of the soils, land use pattern of the area is also affected to a larger extent.
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Demographic Feature( As Per Census 2011)											
Total population	50,95,875										
Male	2,629,834(51.61%)										
Female	2,466,041(48.39%)										
Population Density	1081/Sq Km.										
Sex Ratio	938/1000										
Schedule Caste Population	745,434										
Schedule Tribe Population	27,952										
Total Rural Population	4,503,161(88.37%), Male-2,322,562 Female-2,180,599										
Total Urban Population	592,714(11.63%)      Male- 307,272 Female- 285,442										
Literacy	Total- 3,923,194 (87.02% ) Male- 2,149,073 (92.32% ) Female- 1,774,121(81.37%)										
Language	Bengali										
Education	Sub-Div	Primary School		High School		Higher Secondary school		College/Unv		Professional Institute	
		Institute	Student	Institute	Student	Institute	Student	Institute	Student	Institute	Student
	Tamluk	1084	84,258	77	43,408	144	171,516	6	12,728	17	2747
	Haldia	557	43,173	54	36,767	77	83,659	5	9,792	16	6256
	Contai	983	50,945	81	46,690	102	120,128	5	12,223	10	1602



	Egra	629	41,148	49	32,167	74	90,730	3	9,498	2	154
Health Facilities	Sub-Div	Health & Family welfare Department				NGO/Private Nurshing Home	District Hospital – 1 Sub- Divisional Hospital – 3 State General Hosital – 1 ( Digha ) Rural Hospital – 17 No of Block Primary Health Centre – 22 No of Primary Health Centre – 51 Sub – Centre – 706 Leprosy Control Unit – 8 Homeopathy Unit – 29 Ayurvedic Unit – 7				
		Hospital	Rural Hospital	Block Primary Health Centre	Primary Health Centre						
	Tamluk	1	-	7	14	70					
	Haldia	1	2	3	10	19					
	Contai	2	-	8	16	21					
	Egra	1	1	4	11	22					

### Geomorphology:

The landmass of Purba Medinipur district had been evolved from the alluvial floodplain deposits of the Ganga- Brahmaputra River and their tributaries. At macro scale It is a part of the Ganga- Brahmaputra River Basin which is considered as a Geosynclinal Basin. This Basin Boundary is marked by the hilly hard rock terrain in the western side districts like – Purulia, Bankura and Paschim Medinipur. But, in the district of PurbaMedinipur the extensive plain-land is formed by the sediments of river action. Apart from this some typical coastal geomorphological features like Estuary,Tidal flats and Mud flats, Spit and Bar, Salt marsh, salt pans, sand dunes and Sand beaches etc. are found. Well-developed beach is found in Digha, Dattapur, Shaympur, Dadanpatra, Dariapur, Sankarpur, Nij Kasba, Dariapur and Baguranjalpai etc. along Medinipur coast. Three distinct sand dune complex can be identified in the coastal belt of Purba Medinipur i.e. Contai Dune Complex (older) Ramnagar Dune Complex and beach front Dune Complex(Newer). Between older and newer dune chains, depressions (swamp area) of mud flats are found. These mudflats are covered by mangrove species in some places. Salt Marsh is another typical coastal landform feature found in the mouth of Rasulpur River, Kasaba (Hijli) etc.

### Geology:

The undivided Medinipur district lies in the extreme south-western part of West Bengal and physiographically can be divided into four significant units: a) Hard rock area, b) Laterite covered platform, c) Alluvial plain & d) Coastal plain. Out of these four units Purba Medinipur district is comprised of last two units. This coastal area is underlain by unconsolidated sediments of sand, silt and clay. According to Chakraborty (1991) these sediments have been categorized into seven different based on their physical, mineralogical and biogenic characteristics. Deposited sediments characterized by marine and non marine alteration.

Terrain Characteristics and classification of Medinipur Coastal Region by P. Chakraborty, 1991

Particulars	Terrain Units	Geomorphic Units	Geological Units
Marine Coastal and Fluvial Facies	<ul style="list-style-type: none"> <li>• Beach face</li> <li>• Beach font dune complex</li> <li>• Present day mud/ sand flat</li> <li>• Older beach ridge</li> </ul>	<ul style="list-style-type: none"> <li>• Active marine coastal plain</li> <li>• Abandoned marine coastal plain</li> <li>• Inactive marine coastal plain</li> </ul>	<ul style="list-style-type: none"> <li>• Recent Medinipur coastal deposit</li> <li>• Older Medinipur coastal plain</li> <li>• Ancient Medinipur coastal plain</li> </ul>

	<ul style="list-style-type: none"> <li>• Older dune complex</li> <li>• Older tidal pond</li> <li>• Ancient inter-tidal flat</li> <li>• Ancient dune complex</li> <li>• Ancient tidal pond</li> <li>• Ancient fluvio-tidal flat</li> </ul>	<ul style="list-style-type: none"> <li>• Inactive fluvio-tidal flat</li> </ul>	
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The District is underlain by unconsolidated alluvial sediments of Quaternary age and is overlain by linear, continuous beach ridges (sand dunes) along the present day coastline around Digha-Ramnagar-Contai, which was deposited by wave action of sea. The thickness of the alluvial sediments increases towards east and southeast following the basin configuration. The Quaternary formation comprises newer alluvium of recent age and older alluvium of Pleistocene age. The older alluvium comprises predominantly of yellow to reddish brown clay with *kankar* and ferruginous gravel and sand (fine to medium). The newer alluvium consists predominantly of clay with occasional intercalation of silt and fine sand and is light grey in colour. The Quaternary sediments are underlain by semi-consolidated Tertiary sediments of Mio-Pliocene age. The Tertiary sediments comprise of alternation of graded sand-silt-clay deposits suggesting cyclic sedimentation. The top of the Tertiary sediment is generally represented by 'grey clay'. This grey clay bed- is persistent throughout the district and considered as 'marker bed' which separates the upper litho-system (Quaternary sediments) and lower litho-system (Tertiary sediment).

## 2.2 Disaster Probability:

Sl No	Type of Disaster	Time of Occurance	Potential Impact	Vulnerable Area
1	Flood	June-September	Human,Crop,Animal Infrastructure	Entire District
2	Cyclone	April-December	Human,Crop,Animal Infrastructure	Entire District
3	Tsunami	Jan-Dec	Human,Crop,Animal Infrastructure	Ramnagar-I,Ramnagar-II Khejuri-II,Contai-I Deshapran,Nandigram-I Haldia Municipality
4	Earthquake	Jan-Dec	Human,Crop,Animal Infrastructure	Entire District Under Zone-III
5	Fire	Jan-Dec	Human,Crop,Animal Infrastructure	Entire District
6	Road Accident	Jan-Dec	Human,,Animal	NH-41,NH-116B,NH-6 SH and other District Road SE Railway Kolaghat to Haldia& Digha

### Last 10 (Ten) Years Analysis of Disaster Episode in the District.

Year of Occurrence	Type of Disaster	Area affected Blocks / GPs
2009	Aila (Cyclone)	25 Blocks
2010	Flood (Water Logging)	6 Blocks (Moyna, Kolaghat, Panskura, Pataspur-I, Bhagwanpur-I, Pataspur-II)
2011	-	-
2012	-	-
2013	Flood	Panskura (Gobindanagar, Pratappur-I & II, Ghoshpur, Haur, Chaitanyapur-I & II, Radhaballavchak, Purusottampur, Raghunathbari, Khandakhola),  Tamluk (Nilkunthia, Bishnubar-I & II, Pipulberia-I & II, Sonamui, Padumpur-I & II, Anantapur-I & II, Srirampur-I & II),  Nandakumar (Bargodagodar) & Panskura Municipality
2014	Water Logging	Contai-I, Deshapran, Contai-III, Ramnagar-I, Ramnagar-II, Khejuri-I, Khejuri-II, Bhagwanpur-II, Egra-I, Egra-II, Patashpur-I & Patashpur-II
2015	Flood like situation	25 Blocks & 02 Municipalities
2016	-	-
2017	Flood	All Block
2018	-	-
2019	Cyclone (FANI & BULBUL)	All Block

#### 2.2.1 Historical Context :

Purba Medinipur district is prone to multi hazard, Specially flood, cyclone, Coastal erosion. But in past when the British Government Rule in India there have been five famines or periods of scarcity viz. in 1766, 1792, 1851, 1866, and 1897. Of the first three there is little record; in 1851 there was a loss of nearly five –eighths of rice harvest, which is the main crop of the district.

##### 2.2.1.1 Vulnerability of Floods:

There are several flood basins in Purba Medinipur District, which extend from South West to North West parallel to the curvature of the shoreline keeping with average distance of 20 km inland position from the present day shore face. They are known as Dubda basin (parts of Ramnagar-I and Egra Block). Pataspur-Amaroshi basin and Ghatal-Daspur basin. All the basins are fed by rivers from the upstream sites as Kaliaghai, Kasai and Shilabati and drained by rivers in the downstream site as Champa Nadi, Rosulpur river, Haldi river and Rupnarayan river. Historically. The basins are significant in the flood map of India in terms of the areas of inundations and duration of stranded flood for a prolonged period in the

region of low-lying areas. During the monsoon months, the down-stream discharge of Kaliaghai river, Kasai river and Sihilabati river are pounded over the basin as slope reduces suddenly in the topographic form of the basins and at the same time the up rushing tide waters of astronomical phase encroach into the basins through wider channels of Champa river, Rosulpur river, Haldi river and Rupnarayanpur river from the sea face in the region. For such bi-directional flows of fresh waters from the landward sides and the salt water from the seaward sides, the inland topographic depression of Dubdha basin, Patashpur-Amarshi basin and Ghatal-Daspur basin acted as temporary flood reservoirs of water spate into the river during the period of monsoon month to produce such devastating flood in the history.

Flood in Purba Medinipur may be categorized broadly into two types as river floods in the landward side and as coastal floods in the seaward side. River floods are caused by:

- i) Heavy rainfall of the upper catchment areas of drainage basin.
- ii) Downstream flows of rain water from the upper catchment.
- iii) Heavy rainfall in the local areas of the district.
- iv) Decaying nature of the river valleys by siltation.
- v) Presence of older embankment on the both sides of river system.
- vi) The pressure of the up rushing astronomical tide waters through the river mouth, and
- vii) Presence of inland basin in the district.

However, the coastal floods of the district are caused by

- i) Cyclone landfalls with phenomenon of storm surges.
- ii) Occurrences of storm rainfall from stranded clouds.
- iii) Occurrence of tidal waves during astronomical tides.
- iv) Extreme low-lying areas at the younger coastal plain
- v) Location of coastal embankment and estuaries at the surface across the shore fringes sand dunes.

### **Major Floods and their devastating effects of the past:**

Flood of 1823 produced the situation when embankment swept away and a huge flood in Kanthi affecting the arable land from salt water intrusion and huge sickness spread among agricultural people, and during 1831 the embankment damages, salt water inundations and destruction paddy crops are again recorded by the administrative authorities in the low lying areas of eastern Medinipur. During 1832 & 1833 about 7112 people drowned and 865 villages inundated; however, during 1848, 1850, 1864, 1866, 1868, 1888 Ghatal sub-division suffered from rise of water in Kasai, Silai and Dwarakesheswar and Midnapore sub-division suffered from inundation due to Kalighai river floods. Crops were disastrously affected and huge inundation took place in the Hijli portion of the district during this period.

Serious floods of the twentieth century had been those of 1900, 1904, 1907. In September 1900 heavy rainfall flooded the South Bengal district of Medinipur and 24 Parganas and the areas which now belong to Purba Medinipur was heavily inundated and damaged nearly most of the standing crops.

Excessive rainfall in June-July 1904 led to the failure of Autumn crop. In 1905 rainfall was not only heavy but of uneven distribution and so was in 1907.

Floods occurred in 1913, 1922 and 1933. Not only the crops were seriously affected but relief operations had to be carried on in the villages as reflected in the then newspapers.

Floods again visited the area in 1935, 1939 and 1941 due to prolong and incessant heavy rains leading to water logging in the rice fields. The katcha houses in the villages were totally damaged. Relief for building tenements and in some cases cash doles were provided.

In post-independence period the 1956 and 1959 floods submerged the trails of land owing to continuous heavy rain in June and July leading to loss of crop, cattle and homestead.

House building grants and loans had to be provided, relief operations continued for a considerable period.

In 1978 West Bengal in general suffered the worst flood in living memory. Heavy rainfall was received in the Midnapore station (30.08.1978-03.09.1978, 351mm rainfall in 4 days and from 27.09.1978-01.10.1978, 248mm in 5 days) during the end of of August and first week of September and again last week of September. Heavy rainfall, depression and astronomical tide phase were coincided with each other to produce a devastating flood in the entire area. All the rivers were in spate and downstream flows of flood waters over spilled on the banks and on low lying flood plains of the district. Agricultural paddy crops, embankments, road networks and housing structures were ravaged by such activity of floods. Incessant rainfall caused devastating damage to human and property. The havoc created by this flood in Midnapore was probably the most severe in the century. The flood was caused by excessive rainfall in the catchment area of the major rivers flowing through Central and South Bengal accompanied by incessant Autumn high tides in the estuary area and cyclonic storms. Total loss of crops and destruction of tubewells for drinking water, damage to school buildings made relief operations difficult.

**Flood of 1995:** During the middle of May (14-18), 1995 a cyclone struck the coast of South 24 Parganas that also hit the coastal parts of Medinipur with surging waves at the spring high tide level. The agricultural Meteorological station of Contai recorded 399mm rainfall in 48 hours during the period of cyclonic weather. Houses were damaged, embankments of 12 km length were ravaged and the fish pond of low lying coastal administrative blocks were flooded in Purba Medinipur district. Salt water encroached into the river mouth flood plains and other wetlands of Digba mohona. Pichabonu mohona, Rasulpur River, Haldi River and Rupnarayanpur River of the coastal plain. Flood in the pre-monsoon summer months (April-May) produces encrustation into the alluvium by evaporation of encroached salt water into the coastal plains. Cultivability of the lands become affected for a prolonged period because of the impregnated salts into the soils at least before repeated rain wash during the monsoonal months along the coastal belt. A large amount of estimated crop damages took place in the coastal parts of Medinipur.

**Flood of 2000:** Besides flash floods triggered by incessant torrential storms disaster is also accredited to the opening of sluice gates of dams. The impact of the second wave of flooding starting from 19<sup>th</sup> September continues to have its impact on the state. As of 24<sup>th</sup> October, 1262 persons have died and another 117 were reported missing. Water levels have recorded in many of the districts except in North 24 Parganas where water level were receding very slowly due to situation of the rivers. The flood have caused damages in 171 blocks and 68 municipalities in 9 districts.

**Flood of 2008:** A disastrous flood occurred in Purba Medinipur in the year 2008 when a flash flood of river Kaliaghai flooded the low lying areas of Sabang, Pataspur, Bhagabanpur, Amarashi, Moyna and a large part of the basin was flooded for one month duration. Paddy crops were entirely damaged in the low lying areas, and the smaller roads were submerged by water for a prolonged period and fuels were not available for cooking by affected people. The large embankment of Pataspur-Bhagabanpur blocks were breached in several places by the flood water pressures from the basin nearby the confluence of Kaliaghai, Baghai, and Chandiah rivers. People were rescued from the low-lying areas and the crestal part of the large embankment was provided for temporary shelters for the affected people and livestock under moisture soil in that period.

The flash flood of river Kaliaghai was caused by heavy rainfall in the upper catchment, downstream slopes of the river from the western upland of Medinipur, silted up river beds and also by encroachment of over spilled water of Subarnarekha River into Kaliaghai basin at that time. Houses were damaged in the narrow flood plains of Kaliaghai and Baghai River.

Some major coastal floods took place in the district during 1988, 1989, 1995 and 2009 due to occurrences of storm surge (5-7m in elevation) and torrential rain in and around the low-lying areas of

coastal plain. Coastal floods become devastating when they occur during high tides or at the astronomic tides.

**Flood of 2009:** Coastal blocks of Purba Medinipur (Ramnagar I & II, Contai I, II & III and Nandigram) were flooded by salt water encroachment and storm rainfall during the landfall of 'Aila' cyclone in April 22, 2009. During the cyclone low lands were flooded for a few days and for which the vegetables were degraded a lot and all the fish ponds were flooded. Embankments of the coastal blocks were ravaged by such storm surge (>3.5m in elevation) in the summer month (April). A large number of houses were collapsed by flood waters in coastal blocks.

**Flood of 2013:** Flood occurred in this district due to incessant heavy rainfall from 18.08.2013 and due to heavy discharge of water from Kangsabati Barrage. The embankment of the river Kangsabati breached at Ranihati under Panskura-I Block and wide area of Panskura-I Block. Tamluk Block, Nandakumar Block and Panskura Municipality were inundated besides 20 blocks were affected by water logging. Total 838 Mouzas were affected where crops damaged above 50% due to flood during Kharif season. In view of this 'Flood' was declared by the District Magistrate on 05.09.2013.

The human sufferings from inundations housing damages, livestock affected, several health report of hazards, snake bites and other problems were recorded in the flood report of the Midnapore district.

Flood water was also released from different dams and barrages and due to tidal lockage in Hoogly and Rupnarayan situation become severe. The major rivers as well as their tributaries ruled high during this period when water level crossed corresponding DL/EDL marks.

**Flood of 2015:** A low level circulation was developed over Gangetic West Bengal & adjoining Jharkhand from 24<sup>th</sup> July onwards. After transforming into a cyclonic storm 'Komen', it landed on Bangladesh and finally passed over West Bengal and Jharkhand during 30<sup>th</sup> July 2015 to 2<sup>nd</sup> August 2015. As a result all the South Bengal districts received widespread heavy to very heavy rainfall during the period. The most affected blocks being Panskura, Kolaghat and Moyna of Purba Medinipur district.

Nature of damage report during the flood season of 2015 were Slip, Subsidence, Erosion, Scour, Rain cut, Ghog, Overtopping, Breach, Damage to Hydraulic structures, Bridges and Culverts, Morrum Inspection path etc.

Affected length of the embankment and Protective works was 25.4 Km. 46 Hydraulic Structures were damaged in the flood season of 2015.

**In the year 2007-08** Crop area damaged for flood in the uppermentioned blocks was 71566 Ha, number of Farmers affected was 282164, and Name of the crops which were damaged were Aus Paddy, Aman Paddy etc.

**In the year 2008-09** Flood damaged 25430 Ha Crop Area, Number of Farmers affected were 19720 and the Crops that were damaged were Seed Bed, Aman Paddy, Aus Paddy, Jute etc. in the blocks mentioned in the table.

**In the year 2009-10** Flood damaged 8113 Ha Crop area, Farmers affected were 31352, Crops damaged were Aus Paddy, Aman Paddy etc.

**In the year 2010-11** Drought damaged 15604 Ha Crop area, No of farmers affected 62412, and the Aman Paddy crops was damaged in the blocks mentioned in the table.

**In the year 2011-12** Flood damaged 20132 Ha Crop area, No of farmers affected 59396, and Aus Paddy, Aman Paddy crops was damaged in the blocks mentioned in the table.

**In the year 2012-13** Flood damaged 49018 Ha Crop area, farmers affected were 217072, and the crops that were damaged were Aman Paddy, Boro seed bed, Khesri, Mustard etc in the blocks mentioned in the table.

**In the year 2013-14** Crop area damaged for flood in the upper mentioned blocks was 61766 Ha, number of Farmers affected was 248064, and Name of the crops which were damaged were Aus Paddy, Aman Paddy. Kalai etc.

**In the year 2014-15** flood damaged 126438 Ha Crop Area, Number of Farmers affected were 380314 and the Crops that were damaged were, Aus Paddy, Aman Paddy, etc. in the blocks mentioned in the table.

**In the year 2015-16** flood damaged 176622 Ha Crop Area, Number of Farmers affected were 617552 and the Crops that were damaged were, Aman Paddy, Vegetables etc. in the blocks mentioned in the table.

# FLOOD SUSCEPTIBILITY MAP (Purba Medinipur District)

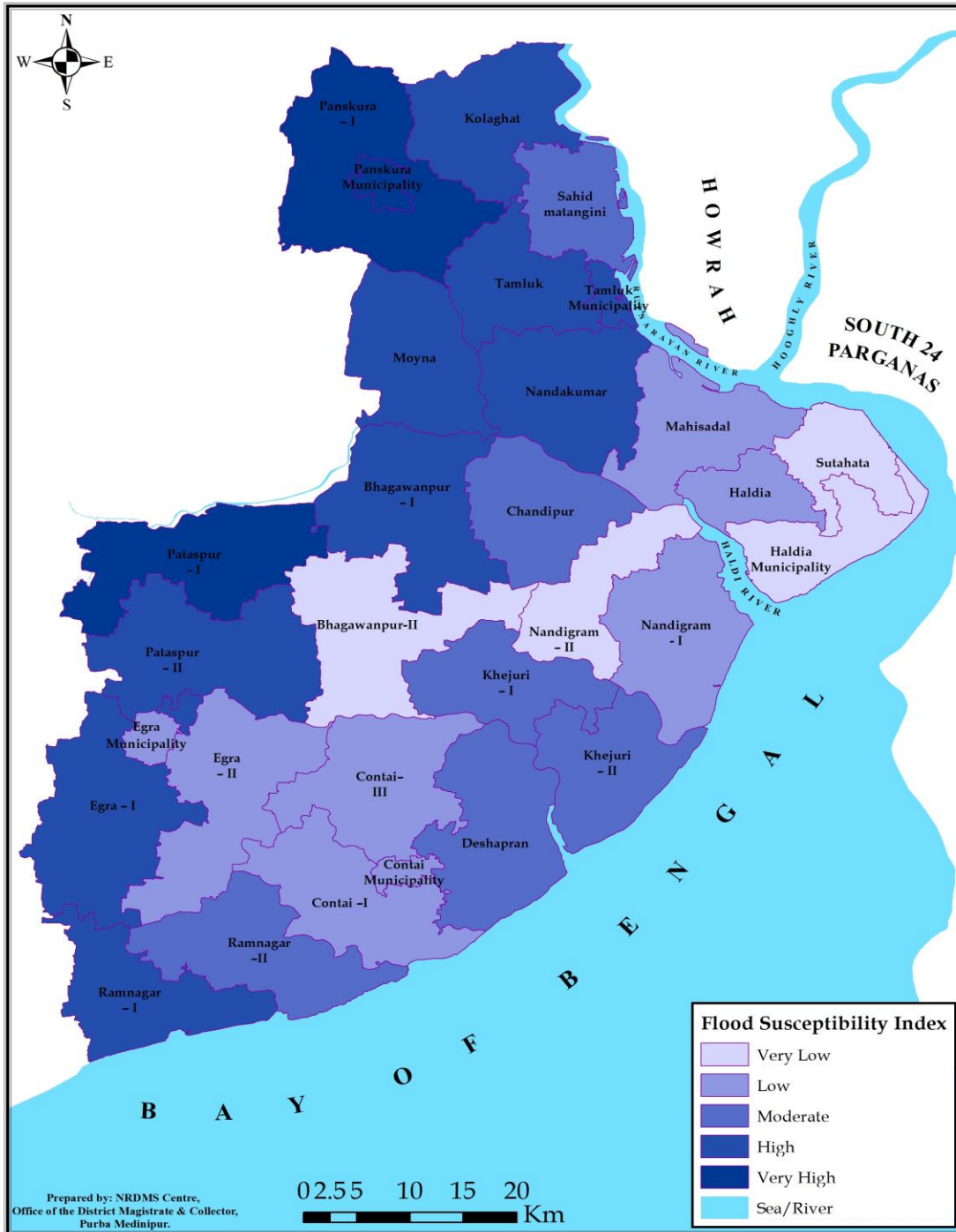


Fig - 1



### 2.2.1.2 Reducing Flood Risk:

#### Reduce Hazard:

- Retaining water where it falls(increasing infiltration,roof to storing)
- Retention basins(natural wet lands or depressions,man made)
- Land use management (house building code,appropriate spatial planning)

#### Reduce Exposure:

- Structural measure on the river(dykes,flood walls,raised infrastructure.
- Flood emergency measures(flood warning and evacuation)

#### Reduce Vulnerability:

- Physical:by improving the infrastructure,well being,occupational opportunities and living environment.
- Constitutional:by facilitating equal participation opportunities,education and awareness,providing adequate skills and social support sytem.
- Motivational: by building awareness and facilitating self-organizations.

### 2.2.1.3 Vulnerability of Cyclones:

Purba Medinipore of the eastern part of Midnapore was also devastated by disastrous cyclones of the past (1833, 1864, 1867, 1942, 1988, 1997, 2009). High velocity winds, torrential rains and storm surges related to the cyclone breaks have produced primary and secondary effects durind and after devastating cyclones in the past.

Cyclones from the Bay of Bengal is a frequent feature of this region during the prevailing south-west monsoon current. They are all marked by the features of vortices air motion, progressive advance from the interior of the Bay towards the coast and very heavy rainfall over and near the area of cyclonic disturbances. In West Bengal coastal plain, 32% of the cyclones that cause flooding on the coastal low lands occur between October to November. However, in month of May few cyclones (7% occurrences) that causes flooding occur due to the coincidence of on shore strong winds with spring high tides. Most of cyclones that occur particularly in October-November in this region.

Cyclone event year	Impact	Place
10 <sup>th</sup> March, 1807	Khejuri post destroyed	Khejuri
27 <sup>th</sup> May, 1823	Khejuri post damaged and change of the river course took place; other low line areas were inundated by salt water encroachment.	Khejuri and other low lying areas of eastern Midnapore.
5 <sup>th</sup> October, 1864	16.48 feet (5,2 m) above high spring level. 66000 people are died.	Kanthi, Cowcolly, Tamluk, Kaliaghat

	Inundation crops damaged. Famine, diseases, water contaminated, cattle lost 240000. In Tamluk, among 1400 houses only 27 houses remained.	
15-16 <sup>th</sup> October, 1867	17,500 cattle perished	Contai a storm wave travelled with rotary motion from SW to NE.

Historically the Cyclone of 5<sup>th</sup> October 1864, as was observed by O Malley was of unprecedented violence. The violent storm caused widespread destruction of houses and uprooting of trees. The waves in the estuary areas were around 4.5mt above land level. There was heavy mortality. In the southern and eastern Medinipore the effect was most disastrous.

The violent cyclone storm wave of 15<sup>th</sup> to 16<sup>th</sup> October 1861 came ashore not far from Contai and travelled in the rotary motion from south-west to north-east. The diameter of the storm was 20 miles and O Malley states that the intensity in this area exceeded the cyclone of 1864.

Similarly in the cyclone of 1864 it was reported that two storied house in Contai were wretched, Cholera and small pox epidemic followed which almost depopulated entire village.

The cyclone of 16<sup>th</sup> October 1942 predated the great Bengal Famine. A severe cyclone accompanied with three tidal waves hit the western districts of Bengal. The severest physical damage occurred in the southern Contai areas of the then district of Midnapore and 24 Parganas. An estimate area of 3200 square miles were affected of which 450 square miles were swept by the tidal waves and around 400 square miles were wrecked by inundation. It is mentioned in the Bengal Legislative Assembly proceedings that the houses and livelihood of around 2.5 million Bengalis was ruined by the storm which lasted around 36 hours.<sup>11</sup> The devastation was borne mostly in eastern parts of Midnapore.

**Impact of 1942 cyclone over West Bengal coastal plain (estimated after human perception survey around Medinipur):**

Region of Storm Damages	Population No. affected.	No. of lives lost	Damage Type	Other Impact
Contai (Kathi) and Medinipur sub-divisions (Medinipur district) “The magnitude of losses as trees, crops, cattle and above all human lives was indeed devastating,” (Human population about storm damage)	About 3 lakhs people directly affected during the cyclone (16 <sup>th</sup> Oct.1942)	25000 at the time of storm and 25000 at the time of famine after the storm.	Crops damaged and perished, Houses collapsed and flattened. Livestock lost, fishponds flooded and fishes perished. Vegetation were mostly damaged, drinking water borne diseases spread over among the remaining people. Breathing air polluted, severe famine.	High wind speed over 250Km/hr, storm, rainfall, ponding up of terrestrial river discharge, coastal floods, storm surge height 6m, prolonged inundation, river bed silted up, significant shore line erosion.

A cyclone of 250 Km wind speed per hour associated with tidal waves of 7 meters in height wrought havoc over the coastal parts of Sundarban and East Medinipur coastal plain in November 1988(Bandhyopadhyay, 1989). This time the southwest monsoon season was retreating from the coastal plain of South Bengal, but the cyclone of high wind speed visited the low lying areas of the coast during a high spring tide phase. Marginal embankment of the Hugli estuary, Rasulpur river, Haldi river and Rupnarayan river were damaged due to salt water breaches and coastal sand dunes of Purba Medinipur were affected by over wash fan encroachment with high wave run-up activities across the dune fringes sea shores.<sup>12</sup>

Another cyclone of severe wind speed (160km/hr) visited the coastal part of Medinipur with damaging activities from 25<sup>th</sup> May to 27<sup>th</sup> May of 1989 (Paul.1996). Both the time and place of landfall of the cyclone were different in compare to 1978 and 1988 cyclones. The cyclone visited coasts at the time of gravelling hot summer when inland coastal plain soil was unsaturated and the downstream condition of coastal plain estuaries was mostly controlled by flashing tides. A 1.5km stretch of Digha sea wall was severely damaged by wave dash erosion and by overtopping waves. At the same time, the narrow dune barrier of Digha shoreline was breached in three places.

Areas of Damages	Damage Type	Estimate in Value	No of Homeless & Missing Person
Digha coast	Digha foreshore road, market areas and basement of all majoe hotels were inundated under 2m water; Ramnagar I and II blocks were inundated.600m seawall guarding the coastal town collapsed Earthen embankments and prawn hatcheries near Digha estuary were swept away	Paddy, betel leaves and fish worth Rs 75 crores, perished At the rate of Rs.1000 per meter; Rs.6,00,000 Rs.10,000 per fishing hut; Rs.6,00,000	400 fishermen with 40 fishing trawlers from Digha were missing in the Bay 54,000 people were homeless
Khajuri Coast	Cashew and casuarina plantation of the forest Dept. were damaged. Paddy across 1000acres (4m <sup>2</sup> ) in Khejuri block were inundated	Rs.5000	2400 people were homeless
Hugli-Haldi estuarine complex	Tidal waves from the Haldi and Hugli rivers devastated earthen embankment and inundated paddy fields areas of Nandigram I and II, Mahishadal and Sutahata block (Midnapur Dist.) 10000 houses have been destroyed	Repairing costs of damaged embankment of the region Rs.2 crore crop destroyed over 70,000 hectares (700km <sup>2</sup> ) valued at Rs.12 crore	Over 100000 resident people were homeless
Hugli-Rupnarayan estuarine complex	Tidal waves, cyclonic winds and associated wave-dash activities eroded the right embankment of the Rupnarayan river between kolaghat and Geokhali	Repairing costs of damaged embankments of the region Rs.3 crores	Over 3000 people were homeless

On 14<sup>th</sup> May, 1995 a severe cyclone of over 120 km wind speed per hour, associated with surging tidal waves broke the barrier of earthen embankments and flooded low lands and human habitation with the gushing water. Rendering million homeless in the littoral tract of Midnapore.<sup>13</sup>Digha sea wall was largely damaged and the extent of unprotected sand dunes was retreated landward in the last week of August 1997 when a standing low pressure center over sea intensified into storm just at the period of highest astronomical tide (HAT phase). Water level of the sea exceeded the creastal level of Digha sea wall and the significant wave height was over 2.67m at this period. (Irrigation Dept. Govt. of West Bengal)

### **Cyclone 2009**

A severe cyclonic storm (SCS), AILA crossed West Bengal coast near Sagar Island between 1330 and 1430 hrs. IST of **25<sup>th</sup> May 2009**. It continued to move in a northerly direction across West Bengal and caused loss of about 100 human lives and left several injured. It also caused about 175 human deaths and left several injured in adjoining Bangladesh.

In Purba Medinipur, many mud houses in development blocks Khejuri 1 and Bhagabanpur 1 in East Medinipur are reported to have been destroyed. Both Egra and Contai Sub-Divisions of East Medinipur district are affected. In Egra 1 block, the Egra Municipality area is badly hit, with 4, 600 mainly Muslim families affected. In the same area 56 houses are completely damaged and 703 houses are partly damaged.

In total 17 villages are affected in this block and 4,000 hectares of vegetables crop are feared damaged. In Patashpur 1 block, 140 villages are reportedly affected.

### **Cyclone FANI – 2019:(04.05.2019-05.05.2019)**

#### **Pre Cyclone Preparedness Measure:**

##### **Warning Dissemination :**

- Time to time Warning messages received from Mousam Bhavan, New Delhi and Indian Meteorological Department, Kolkata via what's app and text messages.
  - All warning messages disseminated upto Gram Panchayet Level
1. Identification Vulnerable Blocks : Ramnagar-I, Ramnagar-II, Khejuri-II, Deshapran, Contai-I Block
  2. Evacuation Mechanism :
    - a) Identified all the Multi-Purpose Cyclone Shelter/Flood Shelter and High Rise School Building.
    - b) Area ( villages ) demarcated for each shelter.
    - c) Search & Rescue Team (Task Force) formed for Block & GP Level involving Trained CD volunteers & Aapda Mitra Volunteers.
    - d) NDRF – 30 Personnel has been deployed.
    - e) WWCD Personnel – 09 personnel has been deployed at Ramnagar-II Block
    - f) Nulias – 54 – Digha PS – 26, Digha Mohona PS- 09, Mondarmoni Coastal PS- 19
  3. Shelter Management :
    - a) Shelter management team formed for each shelter for managing the evacuees.
    - b) Basic logistic support for Health & Sanitation, Drinking Water, Electricity to be arranged by the Blocks as instructed.
  4. Warning Dissemination System: Team should be kept ready at GP level for miking if required.
  5. Mode of transportation for evacuation: Vehicles and other mode of transportation to be kept available for transportation of local people on threat.
  6. Stock of Relief materials: At present we have sufficient stock of Special GR Rice and other relief materials.
  7. Control Room : 24 x 7 x 365 days basis control room is functioning at District Emergency Operating Centre (Disaster Management Section) for monitoring the situation.
  8. **Ramnagar-I Block** - - Flood Shelter – No – 03
    - i) Ujan ii) Udvas iii) Swayangsiddha  
MPCS – no – 08
    - iv) Ratanpur MPCS v) Padima MPCS Vi) Mandala MPCS
    - vii) Dakshin Simulia
    - viii) Haldia-II
    - ix) Chandpur Kamdev MPCS)
    - x) Jaldha Harijan MPCS
    - xi) Talgachhari MPCS x) all high rise school building as per need
    - Co-Ordination meeting with all stakeholders has been completed.

##### **Evacuation & Search & Rescue Mechanism:**

- A group of 30 no NDRF team has been deployed.
- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**9. Ramnagar-II Block - MPCS-No – 06**

- 1)Mandermoni 2) Dakshin Purusottampur  
Bholanath SSK 3)Uttar Sitala MPCS  
4)Kandarpapur MPCS 5) Purba Karanjee MPCS  
6) Balisai Kanya Vidyalaya MPCS  
7) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- WWCD personnel has been deployed.
- A group of NDRF team has been deployed.
- Search & rescue team formed with Aapda Mitra CD Volunteers,Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**10. Contai – I Block :**

MPCS-12

- 1)Ranibasan MPCS 2)Dakshin Rania MPCS  
3)Haipur MPCS 4)Biramput Primary School Ground  
5)Baguran Jalpai 6) Cenchuraput Primary School Ground 7)Sabajput G. P.  
Ground 8) Badalpur Primary School Ground 9) Samudrapur Primary  
School Ground 10) Daudpur Primary School 11) Mahishagote S. S.  
Vidyamandir Ground 12) Pichhaboni High School Ground  
13) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers,Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**11. Deshapran :**

- MPCS-1) Bankiput High School Ground 2) Dariapur Primary  
School Ground 3) Shyamchak Primary School 4) Uttar Haraschak Sorojani  
Sikshya Niketan Ground 5) Jhawa Panchanan Primary School Ground 6)  
Amtalia MPCS7) Purba Mukundapur MPCS 8) Mahisamunda MPCS,  
9) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers,Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**12. Khejuri-II :**

- MPCS-1)Panchuria MPCS 2)Owachilchak MPCS  
3)Ram Krishna Saraswati Junior Basic Primary School 4) Battallya  
Primary School 5) Vested Land in Kayalchak 6) Shillyaberia R. H. C. 7)

Sathkannda Saheb Nagar Jr. Basic Primary School 8) Khejuri Irrigation Bunglow 9) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.

All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

<b>Proposal for HB Grant actually received and Sanctioned</b>					
Name of Block			Amount Sub=- allotted	Amount Distributed	Amount lying undisbursed
	Kachha Fully	Kachha Partly			
Ramnagar - I	234	979	63,70,100/-	5853800	516300
Ramnagar - II	74	478	24,01,800/-	1941600	460200
Contai - I	9	52	2,78,000/-	278000	0
Deshapran	104	107	20,76,500/-	1677800	398700
Khejuri -II	11	265	8,03,100/-	770900	32200
Nandakumar	3	102	287400/-	285100	2300
Panskura - I	1	19	61300/-	61300	0
Nandigram - I	97	80	1,891,200	1720500	170700
Sutahata	0	45	103500/-	103500	0
Egra-I	20	71	515300/-	515300	0
Contai - III	13	16	2,65,600/-	265600	0
Patashpur-II	0	22	50,600/-	50,600	0
Total	553	2127	15104400	13524000	1580400

**Cyclone BULBUL 2019:(08.11.2019-10.11.2019)**

**Brief Note on Preparedness for apprehended Very Severe Cyclone “BULBUL”**

**Pre Cyclone Preparedness Measure:**

Warning Dissemination :

- Time to time Warning messages received from Mousam Bhavan, New Delhi and Indian Meteorological Department, Kolkata via whats app and text messages.
  - All warning messages disseminated upto Gram Panchayet Level
1. Identification Vulnerable Blocks : Ramnagar-I, Ramnagar-II, Khejuri-II, Deshapran, Contai-I Block
  2. Evacuation Mechanism :

- a) Identified all the Multi-Purpose Cyclone Shelter/Flood Shelter and High Rise School Building.
- b) Area ( villages ) demarcated for each shelter.
- c) Search & Rescue Team(Task Force) formed for Block & GP Level involving Trained CD volunteers & Aapda Mitra Volunteers.
- d) NDRF – 30 Personnel has been deployed.
- e) WWCD Personnel – 09 personnel has been deployed at Ramnagar-II Block
- f) Nulias – 54 – Digha PS – 26,Digha Mohona PS- 09,Mondarmoni Coastal PS- 19
- g) Shelter Management :
- c) Shelter management team formed for each shelter for managing the evacuees.
- d) Basic logistic support for Health & Sanitation,Drinking Water,Electricity to be arranged by the Blocks as instructed.
- h) Warning Dissemination System: Team should be kept ready at GP level for miking if required.
- i) Mode of transportation for evacuation: Vehicles and other mode of transportation to be kept available for transportation of local people on threat.
- j) Stock of Relief materials: At present we have sufficient stock of Special GR Rice and other relief materials.
- k) Control Room : 24 x 7 x 365 days basis control room is functioning at District Emergency Operating Centre (Disaster Management Section) for monitoring the situation.
- l) **Ramnagar-I Block** - - Flood Shelter – No – 03
  - i)Ujan ii)Udvas iii)Swayangsiddha
  - MPCS – no – 08
  - iv)Ratanpur MPCS v)Padima MPCS Vi)Mandala MPCS
  - vii)Dakshin Simulia
  - viii)Haldia-II
  - ix)Chandpur Kamdev MPCS)
  - x)Jaldha Harijan MPCS
  - xi)Talgachhari MPCS x) all high rise school building as per need
- Co-Ordination meeting with all stakeholders has been completed.
- Evacuation & Search & Rescue Mechanism:**
- A group of 30 no NDRF team has been deployed.
- Search & rescue team formed with Aapda Mitra CD Volunteers,Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS
- m) **Ramnagar-II Block** - MPCS-No – 06
  - 1)Mandermoni 2) Dakshin Purusottampur
  - Bholanath SSK 3)Uttar Sitala MPCS
  - 4)Kandarpapur MPCS 5) Purba Karanjee MPCS
  - 6) Balisai Kanya Vidyalaya MPCS
  - 7) all high rise school building as per need
- Co-Ordination meeting with all stakeholders has been completed.
- Evacuation & Search & Rescue Mechanism:**
  - WWCD personnel has been deployed.



- A group of NDRF team has been deployed.
- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**n) Contai – I Block :**

MPCS-12

- 1) Ranibasan MPCS 2) Dakshin Rania MPCS
- 3) Haipur MPCS 4) Birampur Primary School Ground
- 5) Baguran Jalpai 6) Cenchurapur Primary School Ground 7) Sabajput G. P. Ground 8) Badalpur Primary School Ground 9) Samudrapur Primary School Ground 10) Daudpur Primary School 11) Mahishagote S. S. Vidyamandir Ground 12) Pichhaboni High School Ground
- 13) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**o) Deshapran :**

- MPCS-1) Bankiput High School Ground 2) Dariapur Primary School Ground 3) Shyamchak Primary School 4) Uttar Haraschak Sorojani Sikshya Niketan Ground 5) Jhawa Panchanan Primary School Ground 6) Amtalia MPCS 7) Purba Mukundapur MPCS 8) Mahisamunda MPCS,
- 9) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

**p) Khejuri-II :**

- MPCS-1) Panchuria MPCS 2) Owachilchak MPCS
- 3) Ram Krishna Saraswati Junior Basic Primary School 4) Battallya Primary School 5) Vested Land in Kayalchak 6) Shillyaberia R. H. C. 7) Sathkannda Saheb Nagar Jr. Basic Primary School 8) Khejuri Irrigation Bunglow 9) all high rise school building as per need

- Co-Ordination meeting with all stakeholders has been completed.

**Evacuation & Search & Rescue Mechanism:**

- Search & rescue team formed with Aapda Mitra CD Volunteers, Nulias for block & GP.
- All vulnerable villages are identified and tagged with nearest flood shelter/MPCS

<b>Financial Cost Involvement Before, During &amp; After BULBUL in Ref. to the Dept Memo No -327/1(9)-PSDM&amp;CD/2019 Dated-24.11.2019</b>			
<b>Evacuation</b>		<b>Before and after Cyclone Bulbul</b>	
a) No. of people evacuated	22400	A. Cost of control room & Deployment of teams of line departments	497330
b) No. of Camps opened	63	B. Cost of round the clock deployment of forces (NDRF/SDRF/CDVs and boats)	161960
c) No. of Gruel Kitchen	22	C. Cost of awareness generation before and after cyclone	77080
d) Cost of Transportation for evacuation	225360	D. Cost of transportation of relief materials	930000
e) Cost of Food	312770	E. Cost of transportation of forces (NDRF/SDRF/CDVs/Police/NVFs etc)	94570
f) Cost of Drinking water	9500	F. Transportation cost of cattle, if any	
g) Cooking Cost	49000	G. Cost of providing of water pouches, medicines, medical camps, water tankers(including the cost incurred by PHE	6521000
h) Cost of miking, awareness generation for evacuation and for the cyclone	90100	H. Cost of clearance of roads, cutting uprooted trees, hiring of generators, clearance of damaged structures, etc	230000
i) Medical Cost, if any		I. Cost of clearing of flood waters	2700
j) Cost of generators in camps	174800	J. Cost of clearance of ponds/water bodies	
k) Other cost in evacuation, if any	326000	K. Cost of clearance of dead fish/animal carcass etc	
		L. Cost of veterinary camps(18 camps by ARD)	90000
<b>Total Expenditure for Cyclone Bulbul</b>	<b>1187530</b>	M. Cost of removing electric poses, wires etc	21000
		N. Any other costs incurred in cyclone bulbul (Repairing of total 05 MPCS- A)Khejuri-II(02)-Rs.-167944 B) Ramnagar-I -(03) - 1001867 C) 01 DG Set - Ramnagar-I Rs - 65000	1819811
			<b>10445451</b>
<b>Grand Total Expenditure for Cyclone Bulbul</b>	<b>1187530+10445451 = 11632981</b>		

<b>House Building Grant Proposal Received</b>				
<b>Name of the SDO</b>	<b>Name of the Block</b>	<b>Kutcha Fully</b>	<b>Kutcha Partly</b>	<b>Total</b>
<b>Egra</b>	Egra-I	12	214	226
<b>Egra</b>	Egra _II	8	126	134
<b>Egra</b>	Bhagawanpur-I	11	0	11
<b>Egra</b>	Patashpur-I	3	0	3
<b>Haldia</b>	Mahishadal	110	91	201
<b>Haldia</b>	Nandigram-I	651	693	1344
<b>Haldia</b>	Nandigram-II	230	283	513
<b>Haldia</b>	Haldia	337	0	337
<b>Haldia</b>	Suthahata	14	274	288
<b>Contai</b>	Bhagwanpur-II		20	20
<b>Contai</b>	Contai-I	235	1180	1415
<b>Contai</b>	Contai-III	96	361	457
<b>Contai</b>	Deshapran	3169		3169
<b>Contai</b>	Khejuri-I	92	715	807
<b>Contai</b>	Khejuri-II	359	890	1249
<b>Contai</b>	Ramnagar -I	345	823	1168
<b>Contai</b>	Ramnagar-II	902	1161	2063
<b>Tamluk</b>	Panskura-I	4	116	120
<b>Tamluk</b>	Moyna	3	8	11
	Tamluk	0	6	6
	<b>Grand Total</b>	6581	6961	13542
<b>Total affected Population - 8,29,500</b>				

<b>Damge report Due to Very sever Cyclonic Storm BULBUL</b> <b>Purba Medinipur</b>					
Sl no	Name of the Department	Nature of Damage in Brief	Cost involvement (in Lakhs)	Necessary restoration work/support already under taken	Support /fund Utilized till date
1	Agriculture & Horticulture	Total area damage 191070 ha (above 33%)Kharaif Paddy – 182955 Vegetables –5080 Betel Vine –1885 Flower - 1150	187057.16	Rs 20567.89 Lakh allotted as input subsidy	Rs. 78.26 lakh disbursed to the farmers through RTGS & the process is going on in full swing
2	WBSEDCL	Feder Affected – 232 Pole Breakage – 4585 Fitting Damage – 704 DTR Structure Damage - 507	2462	Completed	
3	PWD(Tamluk Division)	Pot holes & Surface damage/ Embankment damage/ Guard wall failure	495		
4	PWD Roads	Pot holes & Surface damage	160		
5	NH	Pot holes & Surface damage	225	Mending of ditches and repairing pot holes by providing WMM & BM works followed with PC & SC. Road side flank restoration by GSB using brick bats/Jhama metal and moorum/sand consolidation.	Works completed but fund not yet received.

6	Fisheries	Fishing Net-1351 Hut – partly – 631,fully - 104 Hundi – 2500 Boat – Partly – 119,Fully - 2 Water bodies – 3600 ha Fish - 5909	10116.36	No	Nil
7	Irrigation	Tamluk Division: Embankment Damage,Slips, subsidence Length – 5.57 Km	2753.2	Tender for palliative work under SDRF has been floated	Tender for an amount of Rs. 1.72 Crore has been invited
8		Contai Division: Damage to Embankments due to wave action Length – 6.120 Km	700	Yes	Nil
9	Forest	Plantation,Tree Fall,Govt building & other Property	3834.13	To restore damaged mangrove and coastal shelter Belt plantation afforestation will be done in due course.	No fund utilized.
10	Zilla Parishad Roads	PMGSY Roads-10 RIDF Roads-5 Other Roads-79 Bridge/ Culvert (P&RD)-14 Total No of Raods- 108 Total Length – 191 KM	2169		
11	School	Roof & Kitchen Shed Damage No of Jr. High & High School – 66	71.9		
12		No of Pry School – 173	99.41		

13	ARD	Poultry Shed Damage- 06 Cattle shed damage - 460 Goat Shed Damage – 78 Livestock lost – 3800 poultry bird Cow-4	98.58		
14	PHE	Pipe line with ancillary articles.For supply of drinking water in pouch packet , hiring of DG sets for MTU and different hospitals – total expenditure involved	69.53	Restoration works are taken up & going on	
15	Health	Roof Damage	4		
			210315.27		

#### **2.2.1.4 Thunderstorm:**

The thunderstorms are common, particularly in the summer afternoon. Locally, it is known as Norwester or Kalbaisakhi. In association with these thunderstorms severesquall. Occasional hailstorms and lightning events occur in this part of the State in the Pre-Monsoon months.

The devastation of summer crops (Aus paddy), vegetables, housing damages and lightning affected human deaths are recorded in this part of the state by thunderstorms and tornadoes.

#### **2.2.1.5. Famine of 1942:**

Towards of the end of 1942 when both Second World War and the Quit India Movement were in full swing, a grave shortage of food began to be felt in Bengal. This crisis developed rapidly in the Greater Calcutta Area and became acute in March 1943. As was case with the other districts of the state, Eastern part of Medinipore (Now Purba Medinipur) also faced with food shortage. The failure of the winter crop (Aman) due to devastating cyclone of 1942 and relief measures were affected. Secondly, people of Midnapore were involved directly in the freedom movement (Quit India Movement of 1942) of the state.

The famine was partially created because the British Military authorities adopted a denial policy during April-May 1942, hindering proper distribution of food grains. Most of the news was censored from this part at that time by the British rulers. This is called The Bengal Famine. The people of Midnapore suffered most. The contemporary newspapers reflect hoarding and profiteering also. Though the exact mortality figures are not reliably available Kolkata and suburbs witnessed the paler of death. Hundreds and hundreds of people are migrating from villages and dying on the pavements with the desolate cry of ‘phan debego ma’ (please give me alms not of food but only the starch water). Many died of starvation and malnutrition and epidemic contamination was also not rare. Gruel kitchens were opened in the districts of starving famine-stricken people rushing to these relief centres was a common sight then. Besides the Government, many non-official organizations also set up relief centres and medical units for the distressed people.

#### **2.2.1.6 Drought of 2010-11:**

In post-independence period there was no famine like situation though a severe drought took place in the district during 2010-2011 when a large number of farmers (62412) were affected due to loss of aman rice over a wide area of the district. This time famine did not occur due to loss of agricultural crops because through its relief and distribution system supplied food to affected people.

**BLOCK WISE DAMAGE ASSESSMENT DURING CYCLONIC STORM BULBUL  
(Purba Medinipur District)**



**Fig - 2**



**Cyclone Susceptibility Index**

Color	Index
Light Orange	Low
Medium Orange	Medium
Dark Red	Very High
Blue	Sea/River

Map Labels: Panskura - I, Kolaghat, Panskura Municipality, Sahid Matangini, Tamluk, Tamluk Municipality, Moyna, Nandakumar, Mahisadal, Sutahtata, Haldia, Haldia Municipality, Nandigram - II, Chandipur, Bhagawanpur - I, Pataspur - I, Pataspur - II, Egra Municipality, Egra - I, Egra - II, Contai - III, Contai Municipality, Deshapran, Khejuri - I, Khejuri - II, Nandigram - I, Ramnagar - II, Ramnagar - I, SOUTH 24 PARGANAS, HOOGHLY RIVER, BAY OF BENGAL.

Scale: 02.55 10 15 20 Km

Prepared by: NRDMS Centre, Office of the District Magistrate & Collector, Purba Medinipur.

37

# VULNERABILITY MAP (Purba Medinipur District)

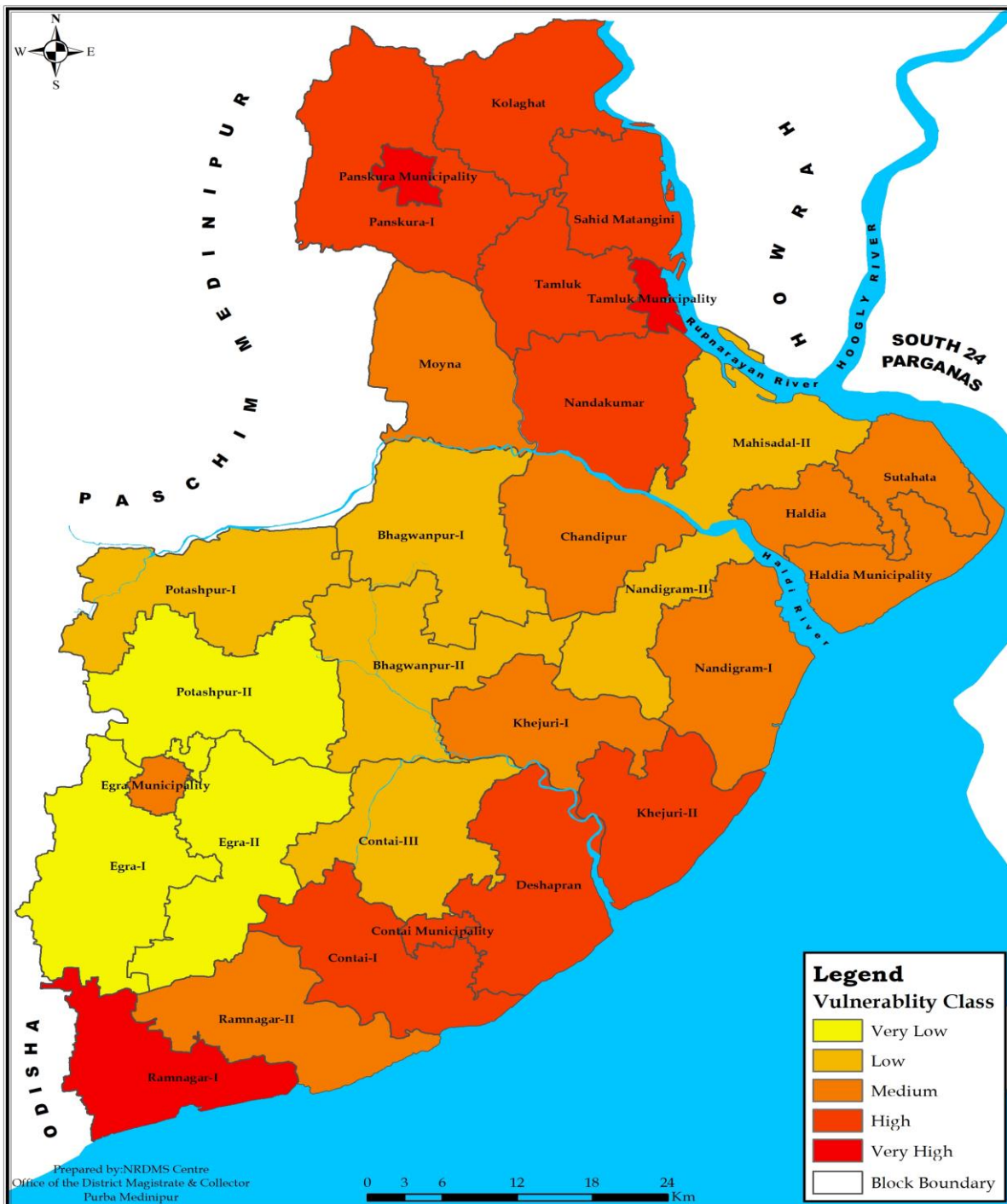


Fig – 4

## 2.3 Climatic Profile:

The climate of Purba Medinipur district is tropical in nature. Average temperature in the district varies from 25.5<sup>0</sup>C to 38.6<sup>0</sup>C. Rainfall occurs unevenly during monsoon season. Average rainfall is 1,752.6 mm. In Purba Medinipur district, there are five coastal C.D. Blocks viz. Khejuri-II, Deshaparan, Contai-I, Ramnagar-I and Ramnagar-II which are affected by cyclones and floods. This district has a variety of soil – alluvial along the rivers and sandy saline soil in the coastal belt. There are four marked seasons (a) Cold, dry weather from December to February (b) Hot, dry weather from March to May (c) Monsoon period lasts from June to September, and (d) Post monsoon period prevail in October and November. The district receives almost over 70 per cent of its annual rainfall between June to September.

### Rainfall And Temperature :

Sl. No	Month	Average Rainfall (in mm)	Actual Rainfall (in mm)	Max Temp(°C)	Min Temp(°C)
1	January	11.8	0.0	25	11
2	February	29.1	8.2	29	16
3	March	39.4	10	34	21
4	April	50.5	13.1	34	24
5	May	139.8	110	37	26
6	June	314.4	89.9	37	26
7	July	317.1	267.075	33	25
8	August	330.8	247.0	32	25
9	September	327.3	396.2	31	25
10	October	140.4	1.125	31	23
11	November	38.9	1.30	31	17
12	December	8.5	43.8	28	15

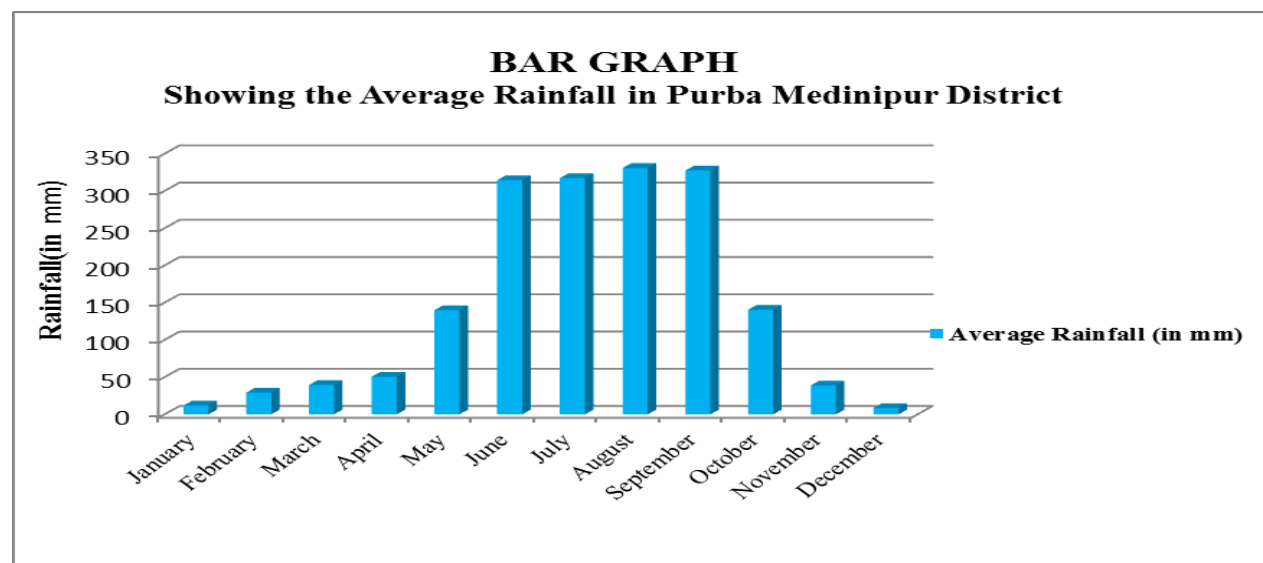


Fig - 4

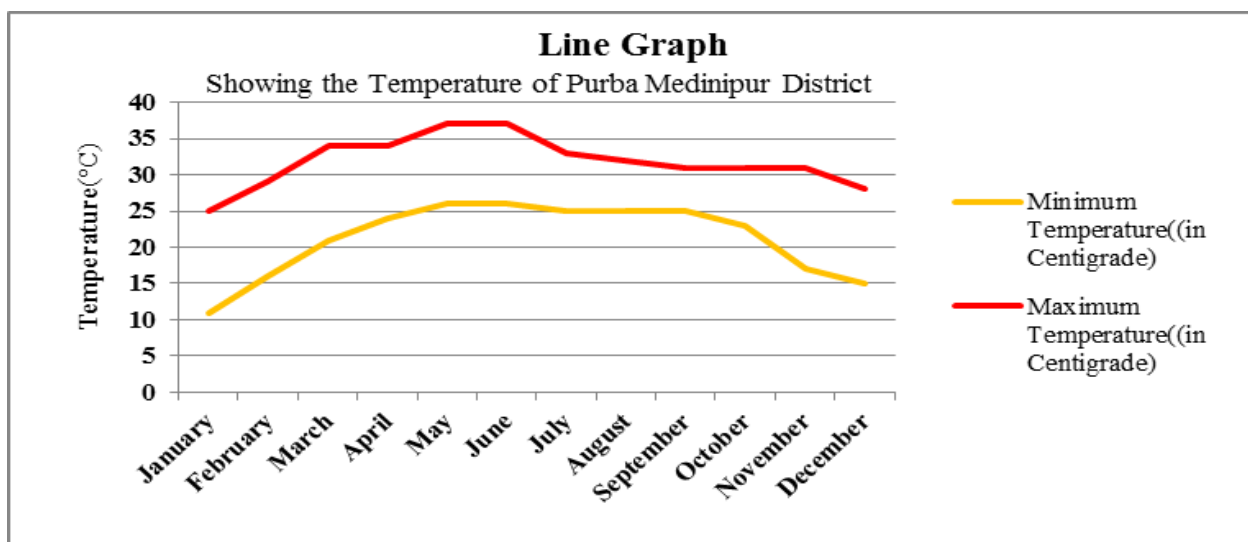


Fig - 5

#### Rainfall Recording Stations:

- Total No. of Rain Recording stations in the District Purba Medinipur: 04

Location of Rain Recording Stations:

Sl No	Name of the Rain Recording Station	Contact Number
1	Nandigram SARF (Haripur )	03224 – 232144, 9474375156
2	Kanthi SARF (Sarda )	03220 – 219190, 9733683465
3	Egra -I BSF (Egra )	03220 – 244125, 9153189969
4	Panskura –I BSF	9933325266, 9932394830

## 2.4 - River system of Purba Medinipur

Owing to the natural gradient of the land, the rivers of Purba Medinipur district are usually originated from the Chhota Nagpur Plateau at the West and drain to the channels of river Hugli (Hoogly) or Bay of Bengal to the East or South-East. Most of the rivers are flowing from West to East or North-West to South-East direction, according to the slope of the landmass. The river system of Purba Medinipur comes under the Bhagirathi- Hugli River Basin. River Hugli nowhere intersects the district, but flows along the eastern boundary from the point where it receives the waters of the Rupnarayan opposite Hugli Point down to the Bay of Bengal. The Rupnarayan, Kasai-Haldi, Keleghai, Rosulpur and their sub tributaries and many tidal channels form the river system of the district. Brief descriptions of some of the important rivers of Purba Medinipur district are given in the following Table

River Syatem of Purba Medinipur					
Sl. No.	RIVER	Tributaries		Location	
		Primary	Secondary	STATE	District
1	Kangsabati	Saharjore, Bandhu, Patloi		WB	Purulia, Bankura, Paschim Medinipur

		Kumari	Hanumata, Kerro, Jore, Charan	WB	Purulia
				WB	Purulia
		Jam		WB	Paschim Medinipur, Bankura, Purulia
			Tatko	JHARKHAN D	PurbaSingbhum
				WB	Purulia
		Bhairabban ki	Jhinuk	WB	Bankura, Paschim Medinipur
			Tarapheni	WB	Paschim Medinipur
		Kalaichu		WB	PaschimMedinipur
<b>2</b>	<b>Old Cossye</b>			WB	Paschim Medinipur
<b>3</b>	<b>New Cossye</b>	Kherai	Bakshi	WB	Paschim & Purba Medinipur
<b>4</b>	<b>Rupnarayan</b>	Kana Dwarakeswar		WB	Hoogly, Burdwan
		Polashpai		WB	Paschim Medinipur
		Durbachaty		WB	Purba Medinipur
<b>5</b>	<b>Kaliaghai</b>			WB	Paschim & Purba Medinipur
		Kapaleswari, Deuli		WB	Paschim Medinipur
		Chandia		WB	Paschim & Purba Medinipur
		Baghai		WB	Paschim & Purba Medinipur
<b>6</b>	<b>Haldi</b>			WB	Purba Medinipur
<b>7</b>	<b>Rasulpur</b>			WB	Purba Medinipur
<b>8</b>	<b>Pichabani</b>			WB	Purba Medinipur
<b>9</b>	<b>Negua Channel</b>			WB	Paschim & Purba Medinipur

### Kangsabati

The river Kangsabati variously known as the Kasai and Cossye is originating from Chhotanagpur Plateau in the Purulia district and flowing south-eastward, joins with its main tributary Kumari river at Mukutmanipur of Bankura district . Further down, after entering into the district of PaschimMedinipur it joins with combined streams of BhairabBanki and Tarafeni rivers. Both the rivers have barrages over them under the 'Kangsabati Reservoir Project'. After travelling further east in a convoluted course it bifurcates into two rivers at Kapastikri of Paschim Medinipur. Northern branch, known as Old Cossye after flowing through certain distance, further bifurcates into two courses at Daspur of Paschim Medinipur. One course, named as Palaspaikhal flow further east to outfall into the Rupnarayan and the main course, known as Durbachati flows south-easterly along the border of both Medinipur districts to outfall into river Rupnarayan. Old Cossye is also connected with river Shilabati through a small channel

known as Kankikhal. The southern course, known as New Cossye, flows further south-easterly direction to meet with river Kaliaghai at Dheubhanga of Purba Medinipur district and forms river Haldi which flows eastwardly into the river Hoogly at Haldia. Kherai and Bakshikhal is the main tributary of river New Cossye. The total length of Kangsabati is around 465 km. The catchment area of this sub-basin is 6, 645 sq. km. Very often lower portion of this sub-basin specially Ghatal area of Paschim Medinipur and Panskura area of PurbaMedinipur districts suffer from inundation due to high flood discharge from its uncontrolled catchment downstream of the Mukutmanipur dam synchronizing with high tide in river Rupnarayan.

#### **. Kaliaghai**

The river Kaliaghai trickles out from Dudhkundi of Jhargram in Paschim Medinipur district and flows south-easterly through Purba Medinipur to meet the other arm of Kangsabati i.e. New Cossye to form Haldi. During the course of its journey, it is fed by the flow of its tributaries namely Kapaleswari, Baghai and Chandia. The length of this river is 121 km and catchment area is 1, 913 sq. km. This river is mainly responsible for flood in Sabang area of Paschim Medinipur district.

#### **Rupnarayan**

River Rupnarayan is the major drainage artery of south-western districts of South Bengal. Being the main tributary of Hoogly river, it receives tidal discharge of Bay of Bengal throughout the year and plays an important role in draining flood water from vast catchment area. Irrespective of discharges from its major tributaries like Mundeswari, Darakeswar, Shilabati and Kangsabati, it also receives flood water from many local drainage channels like Kata khal of Hoogly, Bakshikhal of Howrah, Chandreswarkhal of Paschim Medinipur, Denan-Dehaty-Soadighi-Gangakhali-Pratapkhali-Shankrarakhals of Purba Medinipur which directly outfall into Rupnarayan from its both banks. The length of this river is 80 km having local catchment area of 1, 226 sq. km.

#### **Haldi Sub-basin**

Two rivers New Cossye and Kaliaghai join at Dheubhanga of Purba Medinipur to form river Haldi which after traversing south-eastward outfalls into river Hoogly near Haldia town. It divides the Purba Medinipur district into two parts, the Northern part can be categorized as drainage area of Tamluk and the southern part can be categorized as Rasulpur-Nandigram drainage area. Except upper catchment discharges from Kaliaghai-New Cossye sub-basins, river Haldi drains out water from parts of both the above mentioned drainage areas. The lower portion of the river Haldi is affected by over bank spills and drainage problem during the monsoon as entire stretch of 42 km of the river falls under the tidal influence of river Hoogly. The local catchment area of this sub-basin is 614 sq. km.

#### **Rasulpur Sub-basin**

The river Rasulpur is formed by union of two drainage channels namely Bagda and Sadarkhals. It is the main drainage channel in Contai sub-division of Purba Medinipur district. The river having length 19 km drains out flood water of 1, 556 sq. km into the river Hoogly.

#### **Low Lying Area:**

Moyna, Patashpur-I, Bhagwanpur-I, Egra-I, Panskura-I, Kolaghat, Chandipur Blocks & part of Egra Municipality.

**2.6- Details of khal under Tamluk Irrigation Sub Division of East Midnapur Division :-**

Sl. No.	Name of Khal	Length (Km.)	Off take point	Out fall River
<b>A. Tamluk Irrigation Sub Division</b>				
<b><u>Major Khal</u></b>				
1	Soadighi	19.50	Midnapur Canal Syphone	Rupnarayan
2	Gangakhali	16.80	Darogar bashagora	Rupnarayan
3	Pairatungi	8.60	Khojar Bundh	Rupnarayan
4	Sankarara	11.25	Kalikapur regulator	Rupnarayan
5	Pratapkhali	16.00	Tangrakhali	Rupnarayan
6	H.T.C.	14.00	Haldi river	Rupnarayan
7	Kalikakhali	14.00	Babattarhat	Rupnarayan
8	Bholsora	16.50	Gopalpur	Rupnarayan
9	Madhyadunia	12.00	Haldi river	Rupnarayan
10	Tongtala	8.00	Bargodagodar	Cossye

Sl. No.	Name of Khal	Length (Km.)	Off take point	Out fall River
<b><u>Minor khal</u></b>				
11	Nunnan	4.00	Saira Chak	Rupnarayan
12	Mathuri	3.00	Bamanara	Rupnarayan
13	Dhalhara	1.50	Dhalhora	Rupnarayan
14	Donipur	4.00	Piayada	Rupnarayan
15	Banka	3.00	Basulia	Rupnarayan
16	Kumbhachak	3.50	Kumbhachak	Rupnarayan
17	Narasinghachak	3.00	H.T.C.	Rupnarayan
18	Banipota	6.00	H.T.C.	Rupnarayan
19	Tetulberia	14.00	Haldi river	Haldi river
20	Bhangagora	3.00	Bhangagora	Hooghly
21	Badur	4.00	Badur	Hooghly
22	Gajipur	3.00	Gajipur	Hooghly
23	Kukrahati	2.00	Kukrahati	Hooghly
24	Bostomchak	8.00	Haldi river	Hooghly
25	Kalagachhia	7.00	Haldi river	Hooghly

26	Hore Khali	13.00	Haldi river	Hooghly
27	Jhikur khali	6.00	Haldi river	Hooghly
28	Manashatala	5.50	Haldia town	Hooghly
29	Fulberia	6.00	Haldi river	Hooghly
30	Chaturia	6.00	Bargodagodar	Cossy
31	Kirtania	10.00	Bargodagodar	Cossy
32	Bhuniakhali	5.00	Bargodagodar	Cossy
33	Manua Khali	6.00	Manuakhali	Cossy
34	Tangrakhali	11.00	Tangrakhali	Haldi
35	Mahisgot	4.00	Mahisgot	Haldi
36	Tripurakhali	5.00	Rajnagar	Haldi
37	Saheb Khali	10.50	Rajakhali	Haldi
38	Garughata	12.40	Bholsora	Haldi
39	Keshobpur I	6.00	Keshobpur	Haldi
40	Keshobpur II	5.00	Keshobpur	Haldi
41	Murari Khali	7.00	Murari Khali	Haldi
42	Iswarda	5.00	Iswarda	Haldi
43	Anandakhali	8.00	Anandakhali	Haldi
44	Balughata	5.00	Balughata	Haldi
45	Chanumara	7.00	Chanumara	Haldi

Sl. No.	Name of Khal	Length (Km.)	Off take point	Out fall River
<b>B. Panskura Sub Division No-II</b>				
46	Kherai Khal	11	Gotpota,	Buxi Khal
47	Piyajkhali Khal	7.3	Lokhaguri	Kherai Buxi River
48	Dewankhali khal,	2.8	Baibar	New Cossye River
49	Sri kantha Khal	4	Brindabanchak	New Cossye River
50	Pursa Khal,	3	Kalagachhia	New Cossye River
51	Khirai Buxi Khal	4.05	Chakradhaban	New Cossye River
52	Buxi Khal,	6.67	Kalidan	Kherai Buxi River
53	Mugdari Khal	5	Amarpur	Old Cossye River
54	Bharsa khal	5	10 vent sluice at Radhaballavpur	Old Cossye River



55	Topa khal	13	Nachipuir	Durbachaty River
56	topa out fall	1	Khadichak sluice	Durbachaty River
57	topa drainage cut	6	Jagidah	Dehati Khal
58	Chabdagazai Khal	7	Khaniady sluice	Dehati Khal
<b>C. Investigation (I) Sub Division No-I</b>				
59	Khidirpur	1.20	Khidirpur	Kalighai River
60	Madavchak	4.00	Dubrajpur	Kalighai River
61	Debikali	2.50	Khidirpur	Kalighai River
62	Golapata	4.00	Backcha	Kalighai River
63	Backcha	2.00	Backcha	Kalighai River
64	Goramahal-I	2.00	Goramahal	Kalighai River
65	Goramahal-II	2.00	Goramahal	Kalighai River
66	Baruna	1.50	Baruna	Kalighai River
67	Giridhari	1.50	Narkeldah	Kalighai River
68	New-cut	6.40	Hatibanga	Kalighai River
69	Shridharpur	5.00	Baitalchak	Chandia River
70	Birkhali	6.00	Deuli	Chandia River
71	satya bera	2.00	Arogkjarana	Chandia River
72	Petua	2.50	Arogkjarana	Chandia River
73	Bakua	1.50	Narkeldah	Chandia River
74	Moyna lecha	1.00	Sinni	Cossye river
75	Goroikhali	1.00	Narkeldah	Cossye river

Sl. No.	Name of Khal	Length (Km.)	Off take point	Out fall River
<b>C) Pankura (I) Sub Division No-I</b>				
76	Joygopal Khal	2.000	Joygopal	Soadighi Khal
77	Murail Khal	3.000	Murail Stn.	Soadighi Khal
78	Dehaty Channel	11.071	Naranda	-----
79	Dehaty Channel	5.500	-----	Rupnarayan river
80	Denan Khal	7.400	Bardabar	Rupnarayan river
81	Banpur Khal	6.000	Mecheda	Rupnarayan river
82	Mirzapur Khal	6.000	Burari	Rupnarayan river

83	Nona Khal	1.750	Rakshachak	Kokhabarh
84	Kharichak Khal	7.250	Sazinaghachhi	Rupnarayan river
85	Nowapania Khal	5.500	Madhabpur	Rupnarayan river
86	Vasila Khal	1.750	Maroberia	Noabenia Khal
87	Khadinan Khal	1.500	Gopalnagar	Noabenia Khal
88	Asurali Khal	1.500	Paikpari	Kharichak khal
89	Kolagachiya Khal	5.000	Kolaghachhia Sl.	Durbachati River

**2.7 - MAJOR KHALS UNDER CONTAI IRRIGATION DIVISION**  
**CONTAI : PURBA MEDINIPUR**

Sl.No.	Name of Khals	Length	Covering Improtant Location	Block	Out falling	Characters
1	NEGUA CHANNELS	28.0 K.M.	Kudi, Jagannathpur, Paniparul, Chirulia, Depal, Haldi-I & II Paldhui.	Egra-I  Ramnagar-I	Bay of Bengal	30 Vent Out fall sluice
2	PICHABONI KHAL	18.0 K.M.	Bangabindapur, Dumeria, Khajibar, Sadapur, Kalyanpur, Samudrapur	Ramnagar-II  Contai-I	Bay of Bengal	22 Vent Out fall Sluice
3	CONTAI NALA	21.0 K.M.	Bilaspur, Massaga, Contai, Pitulia, Janubasan, Fatepur, Nayaput.	Contai-III  Contai-I	Bay of Bengal	5 Vent Out fall Sluice
4	KALABERIA KHAL	15.0 K.M.	Nandigram, Ranichak, Panch, Monoharpur, Kalaberia.	Bhagabanpur-I&II	Rasulpur River	Open Channel
5	UDBADAL KHAL	12.0 K.M.	Udbadal, Ururi, Bhimeswari, Bhagabanpur.	Bhagabanpur-I&II	Rasulpur River	Open Channel
6	ITABERIA	15.0	Itaberia,	Bhagabanpur-	Rasulpur	Open

	KHAL	K.M.	Kunjapara, Madan Mohanpur, Bagdibungh, Gonara, Monglamaro.	I&II  Patashpur-I&II	River	Channel
7	TALPATI KHAL	16.0 K.M.	Chindurdari, Balichak, Kalagachia, Bahargeria, Sherkhanchak, Sonachura.	Nandigram-I  Khejuri-II	Hoogly River	Open Channel
8	HIJLI TIDAL CANAL	26.5 K.M.	Kalinagar, Bajajpur, Dihi, Kulbar, Birulia, Khodambari, Chiranjibpur, Teropekhia.	Khejuri-I  Nandigram-II	Rasulpur River  Haldi River	11 Vent Out fall sluice  4 vent Out fall sluice

## 2.8 - List of Embankments

Sl. No	Name of the Embankments	Type of Embankments	Length of Embankments
<b>Irrigation Sub Division- Contai</b>			
1	Shyamchak Sch 'D'	Earthen	21 K.M
2	Sea dyke from Soula to Petughat	Sea dyke	
3	36 Mile Circuit	Earthen	
4	Argol Drainage	Earthen	14 K.M
5	Barrowchowka Basin	Earthen	6 K.M
6	Ghatua Khal	Cannel	
<b>Irrigation Sub Division- Egra</b>			
7	Juki	Earthen	10 KM
8	L/B & R/B of O.C.C	Earthen	16 K.M
9	L/B & R/B of K.D.C	Earthen	5 K.M
10	L/B & R/B of Balighat –Barromile	Earthen	5K.M
11	R/B of Baghai	Earthen	24 K.M
12	L/B & R/B N.D.C	Earthen	9 K.M
<b>Irrigation Sub-Division - Etamogra</b>			
13	Kalinagar	Earthen	65 K.M.
14	Kelighai R/B	Earthen	37 K.M.
15	Jalamuttha Sch 'D'	Earthen	25 K.M.
16	Sch 'D' No 44	Earthen	45 K.M.
17	Goomgar Sch 'D'	Earthen	45 K.M.

18	Kendumari Sonachura Sch 'D'	Earthen	11 K.M.
19	Kalinagar –Haria Sch 'D'	Earthen	14 K.M.
20	Khejuri Sch 'D'	Earthen	45 K.M.
21	Udbadal Circuit	Earthen	16 K.M.
22	Gahar Sch 'D'	Earthen	12 K.M.
<b>Irrigation Sub Division- Digha</b>			
23	Sea – dyke from Digha to Jaldah	Sea dyke	12 KM

**Details of Embankment River wise and P.S. covered**

SI No	Name of Rivers	Length of Embankment (K.M)	P.S Covered
1	New Cossye	108	Panskuara, Tamluk, Moyna
2	Old Cossye	6.30	Panskura, Kolaghat
3	Rupnaryan	29.30	Kolaghat, Tamluk, Mahishadal
4	Chandia	25.50	Moyna
5	Keleghai	30.00	Moyna Bhagwanpur, Patashpur
6	Haldi	29.40	Nandakumar, Chandipur, Mahishadal, Bhabanipur, Nandigram.
7	Rasulpur	26.22	Patashpur, Bhupatinagar, Marishda, Egra, Khejuri
8	Kapaleswari	NA	Patashpur
9	Hooghly	29.88	Hooghly
10	Kansabati	10 KM	Panskura I, Mayna

Report on Vulnerable Zone, Vulnerable Spot on Embankment of Different River/Khals						
Under Contai Irrigation Division, Contai, Purba Medinipur						
Sl No.	Name of River/Khal	Name of Block	Name of District	Length of Embankment (Km)	Length of Vulnerable Reach (Km)	No. of Vulnerable Spot
1	2	3	4	5	6	7
1	Sea-Dyke	Ramnagar-I	Purba Medinipur	67.00	0.400	4
		Ramnagar-II				3
		Contai-I				4
		Contai-II			0.250	4
		Khejuri-II			3.00	10
2	Kaliaghai Right Embankment	Patashpur-I & Bhagwanpur-I	Purba Medinipur	37.50	0.3	1
3	Haldi Right Embankment	Chandipur & Nandigram-I	Purba Medinipur	26.00	2.0	2
4	Hoogly Right Embankment	Nandigram-I & Khejuri-II	Purba Medinipur	20.00	0.40	1
5	Bagda (Rasulpur) Embankment	Bhagwanpur-II	Purba Medinipur	20.00	0.5	3
6	Juki Flood Embankment	Egra-I & Ramnagar-I	Purba Medinipur	7.00	-	-
7	Udbadal (Minor Channel)	Bhagwanpur- I & II	Purba Medinipur	16.00	0.3	3
8	Kalaberia	Bhagwanpur-II & Chandipur	Purba Medinipur	14.00	0.5	4
9	Baghai	Patashpur-I	Purba Medinipur	8.00	1.0	1
	Total			215.50	8.65	40

#### STATUS REPORT OF EMBANKMENT & SLUICES UNDER CONTAI IRRIGATION DIVISION

Sl.No.	Name of Embankment		Length of Embankment	Nature of damage	Location	Block	Remarks
1	Sea-Dyke	Ramnagar-I,- 12Km	67.00 Km	Quite Ok. Raincuts are to be mended before monsoon	Soula	Contai-I	Total Length 3.00 Km.
		Ramnagar-II,- 10Km			Junput		
		Contai-I,- 10Km			Panchuria to	Khejuri-II	
		Contai-II, - 15Km			Talpatty		
		Khejuri-II,- 20Km					
2	Kaliaghai Right Embankment	Patashpur-I & Bhagwanpur-I	37.50 Km.	Depression settlement	At. Selmabad & Taladia	Patashpur-I	Total Length- 100 Mtr.

3	<b>Haldi Right Embankment</b>	Chandipur & Nandigram-I	26.00 Km.	Raincuts	Basulichak & Dinobandhupur	Nandigram-I	Total Length- 1.00 Km.
4	<b>Hoogly Right Embankment</b>	Nandigram-I & Khejuri-II	20.00 Km.	Raincuts	Vekutia	Nandigram-I	Total Length- 200 Mtr.
5	<b>Bagda (Rasulpur) Embankment</b>	Bhagwanpur-II	20.00 Km.	Raincuts	Powsia	Bhagwanpur-II	Total Length- 500 Mtr..
6	<b>Juki Flood Embankment</b>	Egra-I & Ramnagar-I	7.00 Km.	OK	Egra	Egra-I & Ramnagar-I	OK
7	<b>Udbadal (Minor Channel)</b>	Bhagwanpur-I & II	16.00 Km.	Raincuts	Chinadari	Bhagwanpur-II	Total Length- 300 Mtr.
8	<b>Kalaberia</b>	Bhagwanpur-II & Chandipur	14.00 Km.	Raincuts	Kalaberia	Bhagwanpur-I	Total Length- 500 Mtr.
9	<b>Baghai</b>	Patashpur-I	8.00 Km.	Raincuts	Sealda Market to Biswanathpur	Patashpur-I	Total Length- 300 Mtr.
Sl.No.	Name of Sluice		Vent	Block	Location	Status	Remarks
1	<b>AMIRABAD</b>		4	Deshapran	Amirabad	OK	Oiling & Greasing is required & to be done immediately.
2	<b>SOULA</b>		5 & 3	Contai-I	Soula	OK	Do
3	<b>SARPAI</b>		10	Contai-III	Sarpai	OK	Do
4	<b>DAHASONAMOYEE</b>		8	Deshapran	Near Petuaghat	OK	Do
5	<b>BAROMILE</b>		8	Ramnagar-I	Baromile	OK	Do
6	<b>KALINAGAR</b>		4	Khejuri-I	Kalinagar	OK	Do
7	<b>BHAITGARH</b>		3	Contai-III	Bhaitgarh	OK	Do
8	<b>DINOBANDHUPUR</b>		4	Nandigram-I	Dinobandhupur	OK	Do
9	<b>RAMNAGAR</b>		30	Ramnagar-I	Ramnagar		Do
10	<b>BAISHA</b>		22	Contai-I	Baisha		Do

**All damages are to be repaired before monsoon**

<b>Report on Vulnerable Zone,Vulnerable Spot on Embankment of Different River/Khals under East Midnapore Division Tamluk, Purba Medinipur</b>						
Sl.No	Name of River /Khal	Name of Block	Name of District	Length of Embankment(Km)	Length of Vulnerable Reach(mt)	Nos of Vulnerable Spot
1	Chandia(left)	Moyna	Purba Medinipur	24.00	131	3
2	Chandia(right)	Moyna	Purba Medinipur	24.00	80	2

3	New Cossye(left&right)	Panskura,	Purba Medinipur	59.00	191	11
4	Kherai(left&right)	Panskura	Purba Medinipur	22.00	241	7
5	Buxi(left)	Panskura	Purba Medinipur	5.00	655	5
6	Buxi(right)	Panskura,Pingla	Purba Medinipur&paschim medinipur	8.00	80	2
7	Kherai-Buxi(left&right)	Panskura,Moyna	Purba Medinipur	8.00	80	2
8	Piyanjkhali(left&right)	Panskura	Purba Medinipur	8.00	90	2
9	Topa Khal	Panskura	Purba Medinipur	7.00	90	2
10	Topa Drainage Cut(left&right)	Kolaghat	Purba Medinipur	12.00	140	4
11	Durbachatty	Panskura	Purba Medinipur	12	125	3
12	Mugdari	Panskura	Purba Medinipur	5	47	1
<b>Sl.No</b>	<b>Name of Sluice</b>	<b>Vent</b>	<b>Block</b>	<b>Location</b>	<b>Status</b>	<b>Remarks</b>
1	Ranichak	2	Moyna	Ranichak	Mechanical arrangement of different parts of the sluices has been damaged	Works have already been taken up
2	Moyna Lacha	2	Moyna	Moyna	do	
3	Chandipur-I	2	Moyna	Chandipur	do	
4	Chandipur-2	2	Moyna	Chandipur	do	
5	Sridharpur	3	Moyna	Sridharpur	do	
6	Modibar	1	Moyna	Modibar	do	
7	Jaigirchak	1	Moyna	Jaigirchak	do	
8	Petua	2	Moyna	Petua	do	
9	Debikhali	2	Moyna	Debikhali	do	
10	Golapata	2	Moyna	Golapata	do	
11	Bakcha	2	Moyna	Bakcha	do	
12	Goramahal-I	2	Moyna	Goramahal	do	
13	Goramahal-II	2	Moyna	Goramahal	do	
14	Dakshin Arongkiarana	1	Moyna	Arongkiarana	do	
15	Dehaty	6	Kolaghat	Kola	do	
16	Mirzapur	3	Sahid Matangini	Kharui-II	do	
17	Denan	5	Kolaghat	Amalhanda	do	
18	Banpur Mecheda	3	Sahid Matangini	Kharui-I	do	

19	HTC	10	Mahishadal	Natshal	do	
20	Kalagechia	1	Sutahata	Begunberia	do	
21	Iswarda	3	Sutahata	Baruttarhinghli	do	
22	Muralikhali	3	Sutahata	Keshabpur	do	
23	Jhikurkhali	1	Sutahata	Jhikurkhali	do	



# Chapter - III

## Institutional Arrangement

## Chapter 3:

### Institutional Arrangements for Disaster Management

#### 3.1 District level Institutions:

##### District Disaster management Authority(DDMA):

Section 25 of the DM Act provides for constitution of DDMA for every district of a state. The District Magistrate/ District Collector/Deputy Commissioner heads the Authority as Chairperson besides an elected representative of the local authority as Co-Chairperson except in the tribal areas where the Chief Executive Member of the District Council of Autonomous District is designated as Co-Chairperson. Further in district, where Zila Parishad exist, its Chairperson shall be the Co-Chairperson of DDMA. Other members of this authority include the CEO of the District Authority, Superintendent of Police, Chief Medical Officer of the District and other two district level officers are designated by the state Government.

The District Authority is responsible for planning, coordination and implementation of disaster management and to take such measures for disaster management as provided in the guidelines. The District Authority also has the power to examine the construction in any area in the district to enforce the safety standards and also to arrange for relief measures and respond to the disaster at the district level.

##### 3.2 District Disaster Management Committee:

Sl. No.	Designation	Phone No.	Fax No.	Mobile No.	E-mail ID
1	District Magistrate	(03228)-263098	(03228)-263500	8373063000	dmpurb@gmail.com
2	Sabhadhipati, PMZP Ex-Officio	(03228)-269672	(03228)-269673	9732862344	svdzppurbamdn@gmail.com
3	Additional District Magistrate (Disaster Management)	(03228)-263667	(03228)-263994	8373063001	admjpgurb@gmail.com
4	Superintendent of Police	(03228)-269580	(03228)-269763	9083269700	Sp-purbamedinipur@wbpolice.gov.in
5	Chief Medical Officer of Health	(03228)-269595	(03228)-270437	9635799228	cmoh_mdpe@wbhealth.gov.in,
6	Executive Engineer, I&WD, Tamluk, Member	(03228)-266889		9800013250	eemd2010@gmail.com
7	Executive Engineer, I&WD, Contai, Member	(03220)-255162	(03220)-256436	9434303934	cidivision.2012@gmail.com
8	SDO, Tamluk Deputy Controller of Civil Defence	03228-263-220		8373063006	sdotamluk@gmail.com
9	District Disaster Management Officer	03228-263-329	03228-263-728	8373062399	ddmopmdn@gmail.com
10	ADF, Marine, Cont			9831503230	adfmarine@gmail.com

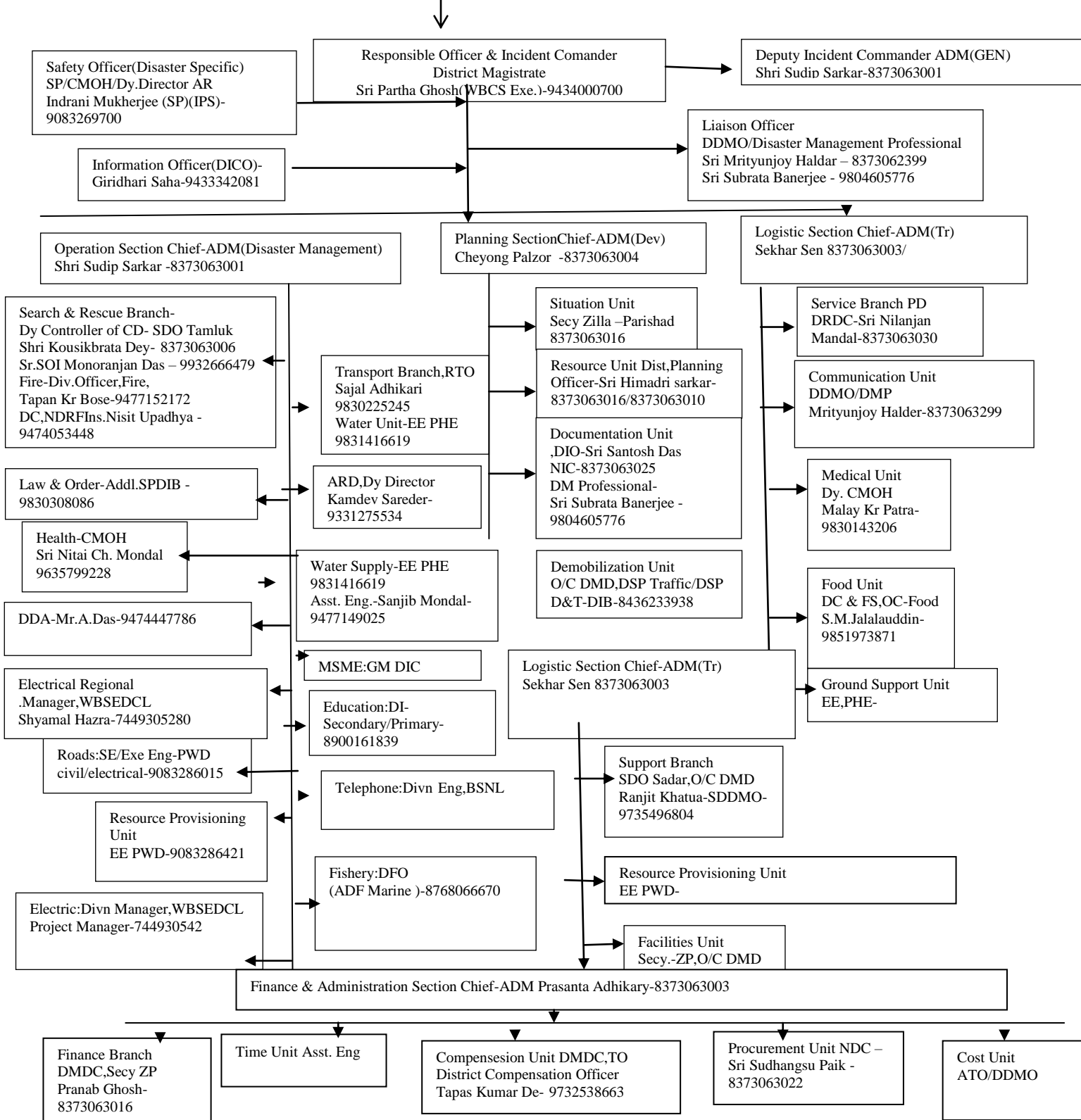
	ai				ail.com
11	Dy. Director, Agriculture (Admin)			9474447786	ddapurbamidna pur@gmail.com
12	Commandant Coast Guard,ADB			9547493470	coastguardhaldi a@gmail.com
13	Divisional Officer,F & ES			9477152172	pmwbfs@gma il.com
14	Executive Engineer PHE			9831416619	ee_tmlk@wbph ed.gov.in
15	DC & FS,OC- Food			9748786736	Dcfs.emd.wb@ gmail.com
16	D.D.A.R.D & P.O			7604010551	ddardpurbamed nipur@darahwh .org
17	District Telecom Officer(SDO Telecom)			9434000910	Kkmandal2009 @gmail.com
18	Dy.DirectorDistric t Horticulture			9433030659	horticulturepurb amedinipur@g mail.com
19	Regional Manager,WBSED CL			7449305280	rmpmro@gmail .com

### 3.3 District Disaster Management Section:

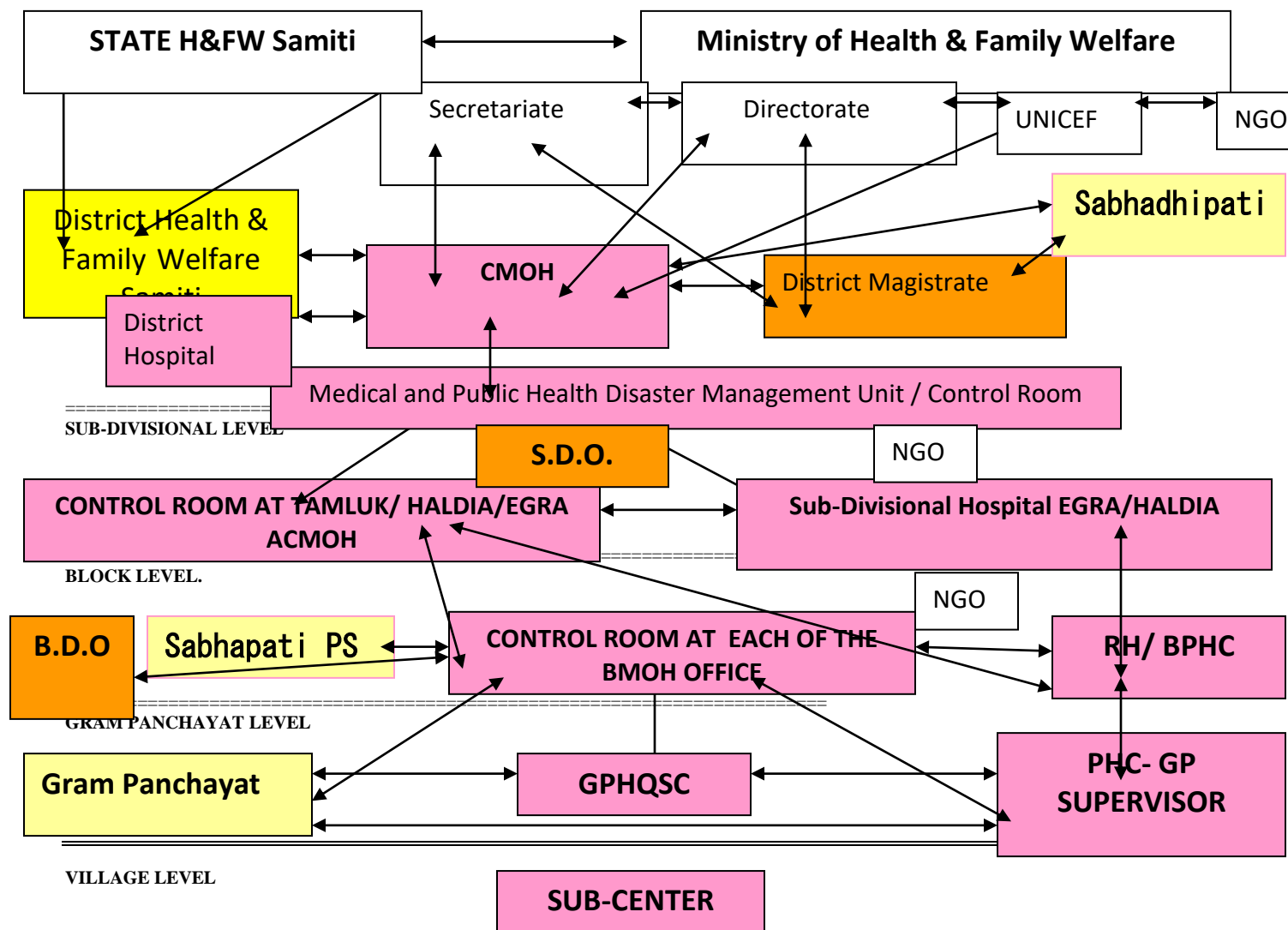
Sl. No.	Name	Designation	Office Phone No.	Fax No.	Mobile	E-Mail ID
1	Shri Sudip Sarkar WBCS (Exe.)	ADM (General)(Disaster Management)	(03228)-263667	(03228)-263994	8373063001	<a href="mailto:admgpurb@gmail.com">admgpurb@gmail.com</a>
2	Shri Mrityunjoy Halder	DDMO	(03228)-263329	(03228)-263728	8373062399	<a href="mailto:ddmopmdn@gmail.com">ddmopmdn@gmail.com</a>
	Shri Subrata Banerjee	Disaster Professional	(03228)-263329	(03228)-263728	9804605776	subratageography@gmail.com
3	Shri Sushanta Manna	H.C	(03228)-263329	(03228)-263728	8116456034	
4	Tarun Kr Kanthal	U.D.C	(03228)-263329	(03228)-263728	9831013473	
6.	Atanu Kar	U.D.C	(03228)-263329	(03228)-263728	8906759240	
7.	Tarun Panda	U.D.C	(03228)-263329	(03228)-263728	9475116879	

### 3.4

## Incident Response Team Framework



### 3.5 ADMINISTRATIVE MECHANISM FOR MEDICAL AND PUBLIC HEALTH RELIEF WORKS FOR FLOOD AND WATER LOGGING SITUATIONS IN THE DISTRICT OF PURBA-MEDINIPUR



### 3.6 list of NGOs:

List of NGO under Purba Medinipur IAG					
Sl.No	Name of NGO	Adress	Block Name	Contact Person	Contact No
1	Kajla Janakalyan Samity	Sarada,Contai,Purba Medinipur	Desapran	Swapan Panda	9434018685
2	Alinan R.V.y .sangha	Alinan,Purba Medinipur	Sahid Matagini	Gourisankar Bera	9434623907
3	Idian Red Cross Socity	Tamluk Purba Medinipur	Tamluk	Anupam Paladhi	9002081923
4	Podumkhana Janakalyan Sangha	D.Srikrishnapur,Purba Medinipur	Nandakumar -1	Sri Chandicharan Maity	9547826118
5	SAMAJ	Dabuapukur,Purba Medinipur	Paskura	Sitangsu Manik	8016721468
6	Tajpur Ma Saradamoyee Narikalyan Samity	Jinandapur,Bhunijibbarh,Purba Medinipur	Ramnagar -II	Sangha Mitra Parya	9475873767
7	Parmanandapur Vivekananda Club	Parmanandapur,Moyna,Purba Medinipur	Moyna	Anil Kumar Mondal	9474406101
8	Bivisonpur Three Star Club	Bivisonpur,purba Medinipur	Bhagabanpur -1	Ramkrishna Das	9830340867
9	Netajipath Chakra	Pubachakra,Tikashi,Purba Medinipur	Khejuri -1	Subir Kumar Mondal	9732503369
10	Nabajagaran Sangha		Tamluk	Manas Kumar Dhara	9635363842
11	Kapaseria Sarbik Village Service Society	Kapaseria,Purba Medinipur	Mahisadal	Madhusudan Maity	9474508011
12	Payrachali Krisak sangha	Pairachali,purba Medinipur	Chandipur	Banikantha sasmal	9932832465
13	Madhabpur Prayas welfare socity	Madhabpur,purba Madhabpur,purba Medinipur	Ramnagar -II	Barun Duari	9126429725/9732752487
14	Sarbik Gram unnayan Sangha	Boalia,Purba Medinipur	Bhagabanpur- I	Biswajit Ghorai	9732672625
15	Mohati V.P. seva Sangha	Mohati,purba Medinipur	Khejuri -I	Asit Das	9732546673
16	Chandankhali M.S.Club	Nanadakumar,Purba Medinipur	Nandakumar	Tapas Jana	9732525931

17	Dhanchabari Sister Nivedita Smriti Sangha	Chandipur,Purba Medinipur	Chandipur	Asish Palla	9732583775
18	U.S Chak Cosmos Club	Tamluk Purba Medinipur	Tamluk	Pratap Kumar Acherya	9732557325
19	Sarboday sangha	Ajoya,Khejuri,Purba Medinipur	Khejuri	Subrata Maity	9733056072/9 593485660
20	Nabajagaran Sangha	Bharpota,Paskura	Purba Medinipur	Biswanath Singha	9647028898

### 3.7 list of Distric IAG Members:

List of Volunteer under Purba Medinipur IAG					
Sl.No	Name of NGO	Adress	Block Name	Volunteer Name	Contact No
1	KAJLA JANAKALYAN SAMITY	Vill+P.O- Sarada, P.S- Contai, Pin-721427, Dist- Purba Medinipur	Contai-I	Manjurani Maity	8373091120
2				Satyajit Jana	8373091121
3				Mantu Jana	9734769504
4				Ajit Shyamal	8967406447
5				Sucharita Bibi	7029667895
6				Alema Bibi	8436342864
7			Deshapran	Debasis Panda	8373091105
8				Jayanta Panda	8373096184
9				Bitan Das	9933791012
10				Suwendu Acharya	9775000294
11				Amit Dinda	9083508510
12				Lina Das De	8373091123
13				Nilima Chakrabarty	8373091113
14				Debangshu Pahari	9547753192
15				Malay Das	8373091147
16				Asima Patra	9547503956
17			Contai-III	Subimal Bej	9732493141
18				Madan Bera	9732506744
19			Bhagwanpur-II	Kamal Maity	8373091177
20				Sikha Ghorai	8373091162
21			Patashpur-I	Nabakumar Mondal	9732950523
				Ekadashi Bakura	9734409635
22				Mamata Pardhan Das	9775007042
23			Patashpur-II	Notan Das	9733560426
24				Ashok Panda	9609112019
25				Manoranjana Pal	7373091172
26				Sadhana Jana	8373091168
27			Ramnagar--II	Kamal Das	9733527677

28				Anuradha Mondal	9932443310
29				Satyapriya Bera	9679422544
30				Sripati Jana	8327047994
31				Sanjay Barik	7318630644
32			Khejuri-I	Sudipta Manna	
33	DEULPOTA KALYAN SANGHA	Vill-Deulpota, P.O- Barbasudevpur, Pin- 721645, Dist- Purba Medinipur	Haldia	Mantu Mondal	9933014358
34				Debasish Mondal	9614466661
35				Ekadosi Pramanik	9153793484
36				Raju Pramanik	8906529442
37				Dhruba Mondal	9564471426
38				Chandan Pramanik	9851938887
39				Anubrata Jana	9233103053
40				Janun Pramanik	8207282984
41				Subrata Mondal	9064278488
42				Utpal Sahoo	8016734525
43	DHARMAPUR SAMAJKALYAN SAMITY	VILL:-DHARMAPUR	MAHISHADAL	RAJA PRAMANIK	9593080537
44	MASURIA NABIN SANGHA	VILL:MASURIA,		BHABANI PRASAD MANNA	9732992415
45	KALIKA KUNDU UNITED CLUB	VILL+PO: KALIKA KUNDU		SWARUP BERA	8101668071
46	MEDINIPUR SAMNWAY SANSTHA	VILL+PO;SUTAHATA	SUTAHATA	DIPANKAR GIRI	8927758954
47	JAMALCHAK MANABKALYAN AANGHA	VILL:JAMALCHAK.		ANUBRATA PAUL	8597466158
48	VIVEKANANDA AGRANI SANGHA	VILL:DHEKUA		SAMAR KUMAR	8001933066
49				CHANDAN ADAK	9933523507
50	JAMALCHAK MANABKALYAN AANGHA	VILL:JAMALCHAK.	HALDIA	SWAPAN GHORAI	9732768502
51	SOCIETY FOR ACTION ON MORAL ATIDETUDE AND JUSTICE DOR HUMANITY (SAMAJH)	Vil- Fakirganj, Po- Raghunathbari	Panskura	Bablu Pal	9933523180
52		Vil+P.o- Dabuapukur		Kalyan Manik	8001250778
53		Vil+P.o- Dabuapukur		Sukumar Manna	9732150479
54		Vil- Fakirganj, Po- Raghunathbari		Hemanta Das	9547036236
55		Vil –Mahammadmurad, P.o- Dabuapukur		Milan Maity	7551881364



56		Vil- Khandokhola, Po- Raghunathbari		Anup Hazra	9564005493
57		Vil- Baidibard, Po- Mahadole		Haripada Adhikary	8016742510
58		Vil- Sitarampur P.o- Dabuapukur		Barun Adak	9933786468
59		Vil+P.o- Purba Itara		Pranabendu Kar	9647286129
60		Vil+P.o- Purba Itara		Santu Shee	9064552674
61	KAPASARIA SARBIK VILLAGE SERVICE SOCIETY	VILL. & P.O. KAPASARIA, DIST. PURBA MEDINIPUR	MAHISHADAL	SAYAN MAITI	8116790290
62				UNNAYAN MAITY	9647229464
63				SHAMBHU MAITI	9609653381
64				BANKU MAITY	9734368276
65				RANJAN SANTRA	9933653515
66				PARITOSH BHOUMIK	7864919184
67				SUBRATA BHOUMIK	9800442114
68				DEBABRATA MANNA	7001582989
69				ASOKE BHOUMIK	8158848954
70				TAPAN PAL	7063118573
71	PALLISHREE SANGSTHA	Vill- Khandakhola, P.O- Raghunathbari, Pin- 721634, Dist- Purba Medinipur	Panskura-I	Santu Samanta	9775020658
72				Lalit Mohan Maity	8001636264
73				Ujjwel Maity	9647752829
74				Souvik Maity	7557884912
75				Kushal Santra	8250648948
76				Pralay Maity	9564020766
77	DUBAI STUDENTS CLUB	VILL - DUBAI, P.O. - MAISHALI	BHAGAWANPUR -II	KARTICK MAITY	9609169679
78				SASANKA BARMAN	9732785772
79				NARAYAN MAITY	6282745814
80				NANDAN MAITI	9564893515
81				SIBAPRASAD MAITY	9895675113
82	Uttarranichak chaitanyapur haldia purba medinipur. 721645	Uttarranichak, Cahitanyapur	sutahata	Sanjay Kumar	9734010843
83	Netaji Pathachakra	Vill- Purbachara, P.O- Tikashi, Dist- Purba Medinipur	Khejuri-I	Sri Sudip Kumar Mandal	9732123451
84				Sri Koushik Barik	
85				Sri Avijit Bera	

86				Sri Kinkar Manna	
87				Sri Swarup Das	
88				Sri Manoranjan Mandal	
89				Sri Shubhankar Bhunia	
90				Sri Arindam Hazra	
91	AMRA SUSAMA JALAPRAPAT	Demari,Tamluk,Purba Medinipur	Sahid Matangini	Manas Kumar Dhara	9635363842 / 7908308610
92				Soumendra Maity	8509294599/ 7602248669
93				Rames Das	9434510184



**Pic 1: Preparedness Meeting of DDMA**



**Pic 1: Preparedness Meeting of DDM**

### 3.8 Forecasting and warning agencies:

Disasters	Agencies
Cyclone	Indian Meteorological Department
Tsunami	Indian National Centre for Oceanic Information Services
Floods	Central Water Commission
Landslides	Geological Survey of India
Avalanches	Snow and Avalanche Study Establishment
Heat & Cold Waves	Indian Meteorological Department
Earthquake	Indian Meteorological Department

Apart from this all wather alert messages received from State Emergency Operations Centre.

#### Forecasting and Warning of Cyclones:

The cyclone warning are issued to State Government officials in four stages: i.e.

- (i) pre-cyclone watch issued 72 hours in advance,

- (ii) cyclone alert issued at least 48 hours in advance ,
- (iii) cyclone warning issued at least 24 hours in advance, and
- (iv) as post landfall outlook issued at least 12 hours in advance of expected time of landfall.

IMD has prepared roadmap for cyclonegenesis and further intensification, monitoring and prediction.

### **Flood Forecasting – Central Water Commission:**

The flood forecasting involves the following four main activities:

- (i) observation and collection of hydrological and hydro meteorological data,
- (ii) transmission of Data to forecasting centres,
- (iii) analysis of data and formulation of forecast, and

Dissemination of forecast

In monitoring the floods, severity of floods are placed in the following four categories by the CWC

- (i) Low Flood stage – It is that flood situation when the water level of the river is flowing between warning level and danger level of the forecasting stations.
- (ii) Medium flood stage – The river is called in medium floods when its water level is at or above the danger level of the forecasting station but below 0.50 of its highest flood level (HFL)
- (iii) High flood state – When the water level of the river is below the HFL but within 0.50 m of the HFL of the forecasting stations.
- (iv) Unprecedented flood stage – The river is called in unprecedented floods when it attains water level equal to or above its previous HFL at any forecasting stations.

### **Tsunami warning – Indian National Centre for Oceanic Information System:**

Post tsunami dated 26th December, 2004, Ministry of Earth Sciences has established the Indian National Tsunami Warning System at Indian National Centre for Ocean Information Services (INCOIS), Hyderabad. The Tsunami Early Warning System (TEWS) was made operational on 15th Oct 2007. This agency has developed a protocol for issue for Tsunami Watch, Alert and Warnings. The Centre gives information to all responders about the origin, time, location of the epicenter, magnitude and depth of an earthquake inside the ocean and accordingly issues bulletins.

The system is capable of detecting all earthquake events of more than 6 Magnitude occurring in the Indian Ocean in less than 20 minutes of occurrence and first report on the occurrence of an earthquake in India and the Indian Ocean region to sent to MHA within 25-30 minutes indicating the location and magnitude of the earthquake.

# **Chapter-IV**

## **Prevention &**

### **Mitigation Measure**

## Chapter 4: Prevention and Mitigation Measure

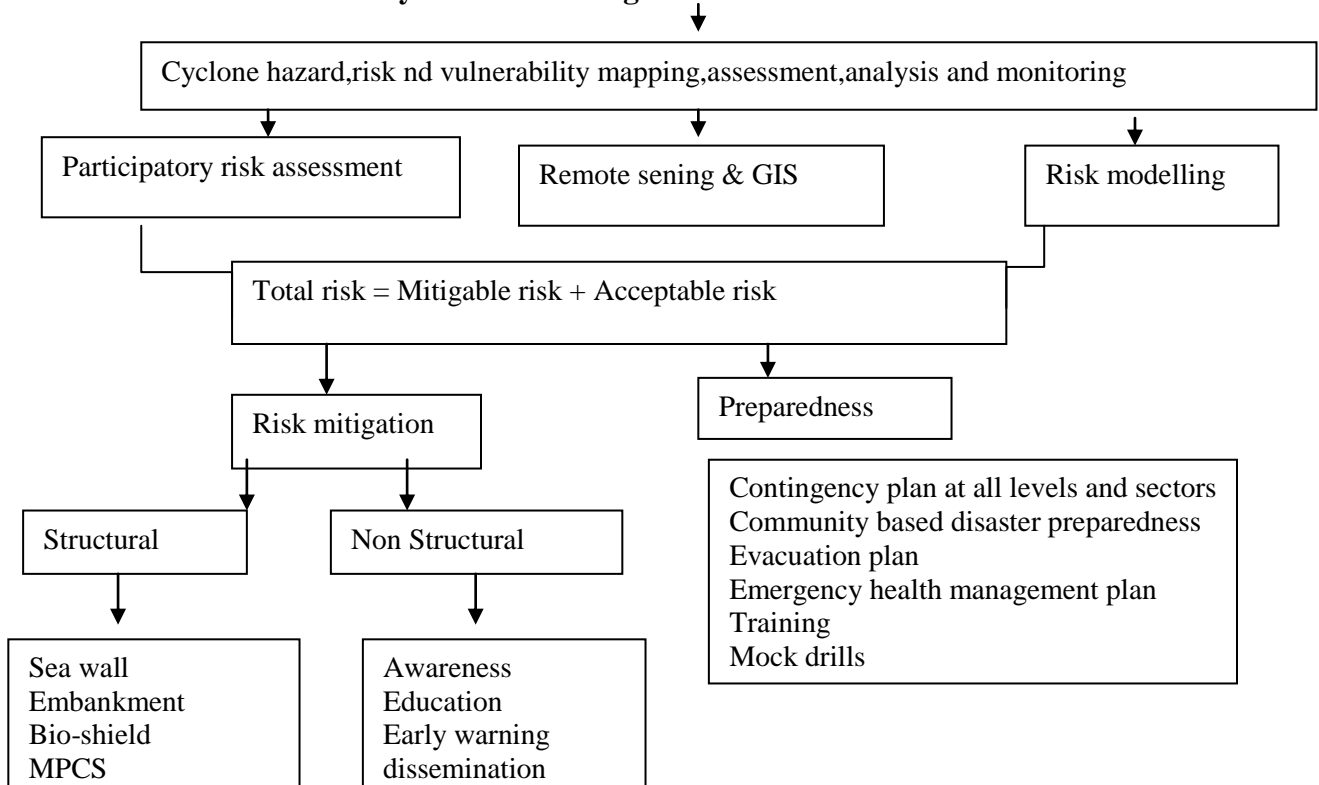
. It inter-alia stressed that disaster prevention, mitigation, preparedness and relief were four elements, which contribute to and gain from the implementation of the sustainable development policies. These elements along with environmental protection and sustainable development, are closely inter related. Nations, therefore should incorporate them in their development plans and ensure efficient follow up measures at the community, sub-regional, regional, national and international levels. Disaster prevention, mitigation and preparedness are better than disaster response in achieving the goals and objectives of vulnerability reduction

### 4.1: Hazard-wise Prevention and Mitigation plan:

Risk of destruction and casualties associated with different disasters can substantially be reduced by introduction of prevention and mitigation measures. Mitigation is generally categorised into two main types of activities i.e. structural and non-structural. Structural mitigation refers to any physical construction to reduce or avoid possible impacts of hazards, which include engineering measures and construction of hazard-resistant protective structures and infrastructure. Non-structural mitigation refers to policies, awareness, knowledge development, public commitment, and methods and operating practices, including participatory mechanisms and the provision of information, which can reduce risk with related impacts. The State Disaster Management Authority and District Disaster Management Authority has been adopted several mitigation measures for reducing the risk of being affected by disasters. These measures are being implemented by the concerned ministries. Some of these initiatives are described below.

### Cyclone Risk Mitigation and Prevention Measure

#### 4.1.1 Cyclone Risk Mitigation Framework



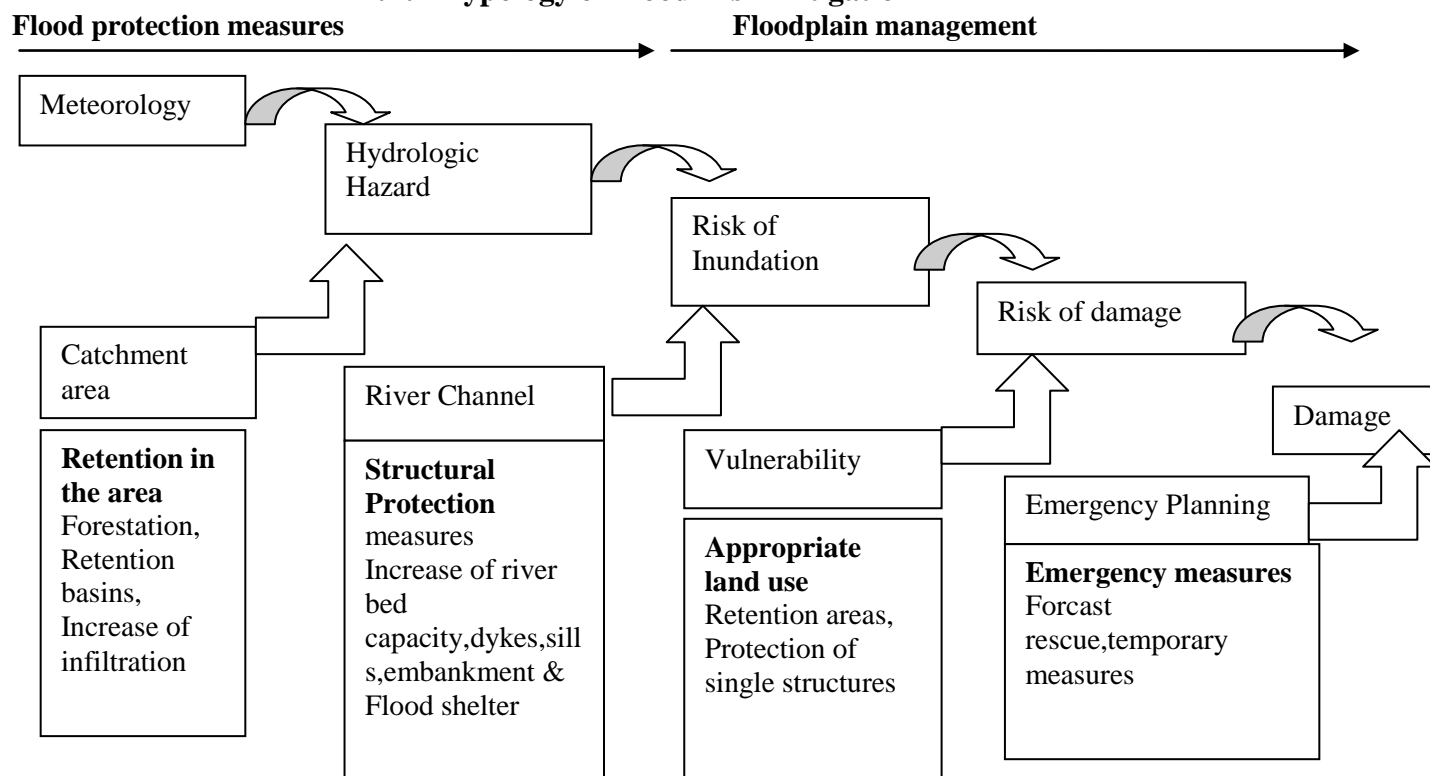
### National Cyclone Risk Mitigation Project:

Recurrent cyclones account for a large number of deaths, loss of livelihood opportunities, loss of public and private property, and severe damage to infrastructure, thus reversing the developmental gains whenever disasters occur. In order to reduce the loss of life and properties in the events of future calamities, the NCRMP has been launched by MHA in three phases in the cyclone prone coastal states and Union Territories, keeping in view the vulnerability of the states and their readiness with investment proposals. In Purba Medinipur District total no of cyclone shelter is 43,15 no of Multipurpose Cyclone Shelter under Pradhan Mantri National Relief Fund and 28 no of Multipurpose Cyclone Shelter under National Cyclone Risk Mitigation Programme. The details list is attached in Annexure.

### Flood Risk Mitigation and Prevention Measure

The state governments are engaged in flood management work since the independence of the country. Upto the Tenth Five Year Plan, 45.6 million hectares (m-ha.) of flood prone areas in the country had been provided a reasonable degree of protection. The Eleventh Five Year Plan envisages protecting an additional area of 2.18 million hectares. Management of water resources is primarily the responsibility of the state governments. The schemes for Flood Control and Protection are therefore, to be planned, funded and executed by the state governments. The Government of India, under the aegis of Ministry of Water Resources has launched the “Flood Management Programme (FMP)” at a total cost of ` 8000 crores for the 11th Plan period (2007-12).

#### 4.1.2 Typology of Flood Risk Mitigation



## **Tsunami Risk Mitigation and Prevention Measure**

The Tsunami of 26th December 2004 caused extensive damage to life and property in the States of Tamil Nadu, Kerala, Andhra Pradesh and UTs of Puducherry and Andaman & Nicobar Islands (A&NI). It hit the fishermen community badly besides their means of livelihood. There had also been extensive damage to the infrastructure including houses, harbors, jetties, roads, bridges, power, telecom, hospitals, schools and other social sector buildings after Tsunami in Samanthanpettai village Nagapattanam.

One of the natural measures which could be adopted for mitigating the impact of tsunami is using shoreline tree cover. Tree plantation is a cost-effective long- lasting means of tsunami mitigation in comparison to the artificial barriers.

### **Epidemic**

Post-disaster management of health, sanitation and hygiene services is crucial to prevent an outbreak of epidemics. National Vector Borne Diseases Control Programme (NVBDCP) is the key programme for prevention/control of outbreaks/epidemics of malaria, dengue, chikungunya etc., vaccines administered to reduce the morbidity and mortality due to diseases like measles, diphtheria, pertussis, poliomyelitis etc. Two key measures to prevent/control epidemics of water-borne diseases like cholera, viral hepatitis etc. include making available safe water and ensuring personal and domestic hygienic practices are adopted.

Accordingly, Govt. of India launched Integrated Disease Surveillance Project (IDSP) in November 2004 to strengthen capacity at state/district levels to detect and respond to the epidemics in early rising phase. Under the project, the district and states have been strengthened by providing additional technical manpower (epidemiologists, microbiologists, entomologists), training of rapid response teams for outbreak investigation and control, strengthening of laboratories for detection of organisms causing epidemic prone diseases, and establishment of IT network for data compilation, dissemination and analysis. The states are at varying stages of implementation.



# Chapter - V

## Preparedness

### Measure

## Chapter 5: Preparedness Measure:

### 5.1: Identification of stakeholders involved in disaster response

Already identified all the stakeholders who remain involved in disaster response.

### 5.2: Formation of Teams for:

#### 5.2.2 Search & Rescue:

Search & Rescue Team(Nulia) of the District							
Sl. No.	Name of PS	Name of Nulia	Contact No.	Sl. No.	Name of PS	Name of Nulia	Contact No.
1	Digha PS	Niranjan Shit	9002862753	27	Digna Mohana Coastal PS	Shyamsunder Das	9679293394
2	Digha PS	Tapan Jana	9800224114	28	Digna Mohana Coastal PS	Nimai Dhal	8373837747
3	Digha PS	Rajib Maity	9635946334	29	Digna Mohana Coastal PS	Tanmoy Maity	8016520961
4	Digha PS	Chaitanya Ghorai	8248382707	30	Digna Mohana Coastal PS	Bikash Ghorai	8768231122
5	Digha PS	Goutam Majhi	7407261182	31	Digna Mohana Coastal PS	Satyajit Dinda	9732194657
6	Digha PS	Ujjal Jana	8016943222	32	Digna Mohana Coastal PS	Soumen Ghorai	9735339042
7	Digha PS	Amal Shit	8967333372	33	Digna Mohana Coastal PS	Siddhartha Bera	7407253306
8	Digha PS	Avishek Patra	9093646281	34	Digna Mohana Coastal PS	Tapas Kr. Jana	9932560604
9	Digha PS	Ratan Kr. Jana	9593165456	35	Digna Mohana Coastal PS	Susmita Metya	9093770966
10	Digha PS	Sushanta Shit	9609647794	36	Mandarmoni Coastal PS	Sahadeb Hazra	9933982259
11	Digha PS	Sanjoy Shit	8372040090	37	Mandarmoni Coastal PS	Md. Sk. Sakir Ali	9635020702
12	Digha PS	Sukumar Patra	9547390106	38	Mandarmoni Coastal PS	Sahid Parvesh Ali Khan	9016984925
13	Digha PS	Ratan Das	7384003097	39	Mandarmoni Coastal PS	Sk. Farman Rahebar	8942842793

14	Digha PS	Milan Das	8972337919	40	Mandarmoni Coastal PS	Bablu Maity	8116959825
15	Digha PS	Arnab Kr. Das	8001481835	41	Mandarmoni Coastal PS	Sk. Javed Kaderi Mahammad	9635432782
16	Digha PS	Subrata Duari	8670033051	42	Mandarmoni Coastal PS	Sk. Saynaj Ali	7031063717
17	Digha PS	Sibsankar Bera	9734459251	43	Mandarmoni Coastal PS	Amalendu Pradhan	8967158708
18	Digha PS	Subrata Khanara	9679405141	44	Mandarmoni Coastal PS	Bellal Ali Khan	7318631579
19	Digha PS	Tapan Kr. Das	7063484305	45	Mandarmoni Coastal PS	Ashutosh Midda	9635214671
20	Digha PS	Mantu Maity	7797445457	46	Mandarmoni Coastal PS	Makhan Lal Tola	8597237198
21	Digha PS	Goutam Pradhan	7602570026	47	Mandarmoni Coastal PS	Tajuddin Ali Khan	8167335957
22	Digha PS	Biswajit Jana	9734607208	48	Mandarmoni Coastal PS	Sk. Jabbar Khalifa	9635224109
23	Digha PS	Anisha Das	9800066475	49	Mandarmoni Coastal PS	Sk. Majidul Uddin	9932132255
24	Digha PS	Susmita Samanta	8967971682	50	Mandarmoni Coastal PS	Sahed Ali Khan	7602505861
25	Digha PS	Aparna Chakraborty	9093015774	51	Mandarmoni Coastal PS	Shyamsundar Das	9083512073
26	Digha PS	Sonali Das	8001095804	52	Mandarmoni Coastal PS	Devraj Chanda	9932221252
				53	Mandarmoni Coastal PS	Tapas Paul	8016544697
				54	Mandarmoni Coastal PS	Avishek Giri	7872221040

### **5.2.3 Quick Response Team(Aapda Mitra Trained Volunteers) List Attached in Annexure**

### **5.3 Activation of Incident Response System in the district.**

Incident Response System in the district has already been active in any kind of disaster situation.

#### **5.3.1 Activation of Control Room in the district.**

Control room in the district emergency operating centre has already been activated 24x7x365 days.

### **5.4 EOC Setup and facilities available in the district.**

The District Emergency Operation Centres has been already set up and will be suitably upgraded. Role of EOC is to provide a central location from which government at any level can provide interagency coordination and executive decision making in support of the incident response.

Main function of DEOC include:

- Information collection and evaluation

- Inter – Agency Coordination
- Priority settings
- Resource co-ordination
- Communication facilitation
- Ensuring that response system are interconnected and complementary.

The District EOC is under control of the District Collector, which will be operational round the clock all through the year and is the nerve center for the following activities.

- To Monitor, Co-ordinate and Implement the activities for effective disaster responses as well as management of available resources.
- In a disaster time the District EOC will operate under the central authority of the District Magistrate & Collector, exercising emergency power to issue directives to all departments to provide emergency response service.  
EOC will co-ordinate with the State disaster response machinery for appropriate support and smooth flow of information
  - The EOC will be manned round the clock for emergency responses.
  - The District EOC will be placed in the District Disaster Management Section of the District Collectorate.

The EOC shall be under overall charge of the District Magistrate. In the absence of Collector, ADM or District Disaster Management Officer shall remain in charge of EOC. The person in charge of the EOC shall be personally responsible for implementation of the Standard Operating Procedure (SOP).

The person in charge of the EOC shall be personally responsible for implementation of the Standard Operating Procedure (SOP).

#### DEOC Set up

EOC Activation Guide				
Level	Conditions	EOC Duties	Activation	Staffing
<b>NONE (Green)</b>	1. None	1. Maintenance	1. None	1. No actions.
<b>0 (Blue)</b>	1. No potential severe weather 2. Some international tension 3. Some national or local tension 4. Slightly increasing probability of hazard	1. Monitor world, national, regional, and local news and monitor regional weather forecasts and space forecasts.	1. None	1. No actions.
<b>1 (Yellow)</b>	1. Serious increase in international tension 2. Possibility of local unrest 3. Severe weather watch is issued 4. Situational conditions warrant 5. Small incidents involving one facility 6. Earthquake advisory 7. Flood watch	1. Continuous monitoring of event 2. Check & update all resource lists 3. Distribute status and analysis to EOC personnel 4. Receive briefing from field personnel as necessary	1. Only basic support staff or as determined by Emergency Manager	1. EOC Section Chiefs review Plan and Guidelines and check readiness of staff and resources.
<b>2 (Orange)</b>	1. Small scale civil unrest 2. Situational conditions warrant 3. Severe weather warning issued 4. Moderate earthquake 5. Wildfire affecting specific areas 6. Incidents involving 2 or more facilities 7. Hazardous materials evacuation 8. Imminent earthquake alert 9. Major scheduled event	1. Continuous monitoring of event 2. Initiate EOC start-up checklist 3. Facilitate field personnel 4. Provide status updates to EOC personnel	1. Staffed as situation warrants and liaison to other agencies 2. Primary EOC personnel will be available and check-in regularly	1. Briefings to Superintendent and Board 2. EOC begins full operation

3 (Red)	1. International crisis deteriorated to the point that widespread disorder is probable	1. Brief arriving staff on current situation 2. Facilitate EOC staff	1. As determined by the Emergency Manager 2. EOC essential and necessary staff 3. Key department heads 4. Required support staff	1. As situation warrants
	2. Acts of terrorism (biological, technical, other) are imminent			
	3. Civil disorder with relatively large scale localized violence			
	4. Hazardous conditions that affect a significant portion of the District			
	5. Severe weather is occurring			
	6. Verified and present threat to critical facilities			
	7. Situational conditions warrant			
	8. Major emergency in the District			
	9. Major earthquake			

District EOC Message Form					
Date		Priority (Circle one)			
Time		<div style="display: flex; justify-content: space-around;"> <span><b>EMERGENCY</b> (Life Threatened)</span> <span><b>URGENT</b> (Property Threatened)</span> <span><b>ROUTINE</b> (All Others)</span> </div>			
TO	Name	FROM	Name		
	Title		Title		
	Location		Location		
Check One <input type="checkbox"/> Take Action <input type="checkbox"/> For Information <input type="checkbox"/> Other					
Message:					
Disposition:					
Action Taken By: (Name)			Time Action Taken:		

### Equipment and Supplies Checklist

Equipment and supplies should be sufficient for prolonged operation of the fully staffed EOC. The following is a recommended supply list:

- ☐ VSAT Communications equipment
- ☐ Furniture - desks/tables and chairs for all positions, conference tables and chairs
- ☐ Computers and printers
- ☐ EOC forms and logs
- ☐ Copier & copy paper
- ☐ Supplies and office equipment (pens, pencils, staplers/staples, note paper)

- ☐ Emergency generator
- ☐ Flashlights/emergency lighting
- ☐ Uninterruptible Power Supply (UPS) for computers
- ☐ TV
- ☐ First Aid and Sanitary Supplies
- ☐ Blankets and other items for a sleeping area

### **5.5 Mechanism for checking and certification of logistic, equipments and stores:**

Disaster equipments and other disaster related materials are stored at different locations (SDM/DM/TSR/Fire Service Offices). These materials are being checked once in a year by technical teams constituted by the state government and also being used in different mock drills and capacity building trainings.

### **5.6 Operational checkup for Emergency Operation Center:**

This is done on quarterly basis while conducting mock drills at the District and Sub-division/block level.

# **Chapter - VI** **Capacity Development** **&** **Training Measure**

## Chapter:-6

### Capacity Development and Training Measure

Effective disaster management requires trained manpower to deal with complex situations effectively and speedily to reduce the impact of disaster on human life and property. Capacity buildings need to encompass all resources available within a community, society and organization to reduce the level of risk or the effects of a disaster.

#### 6.1 Capacity Building Plan

Components of the Capacity Building:

- Training
- Education
- Research
- Awareness

- (i) **Training:** It is a learning process that involves the acquisition of knowledge, sharpening of skills, concepts, rules, or change of attitude and behavior to enhance the performance of individuals associated with different departments and institutions.
- (ii) **Education:** Amidst changes of the past decades, school education sector, the most discussed topic of national importance, is planning for more contextual, practical and application oriented curriculum for students at different levels of schooling.
- (iii) **Research:** Research is an organised and systematic way of finding answers to questions. Systematic because there are certain things in the research process which are always done in order to get most accurate result.
- (iv) **Awareness:** Awareness is generally defined as knowledge created through interaction between an agent and its environment. It cannot be simply referred to as “knowing what is going on.” This concept of awareness involves state of knowledge as well as dynamic processes of perception and action.

The capacity building plan approaches include:

- According priority to training for developing community based disaster management systems for their specific needs in view of the regional diversities and multi hazard vulnerabilities.
- Conceptualisation of community based DM systems at the national level through a consultative process involving the States .
- Identification of knowledge – based institutions with proven performance.
- Adoption of traditional and global best practices and technologies.
- Laying emphasis on table – top exercise, simulations, mock drills and development of skills to test plan.
- Capacity analysis of different disaster responder groups at State, District and local authority.

##### 6.1.1: Institute for Capacity Development:

National Institute of Disaster Management, New Delhi

- Administrative Training Institute, Kolkata
- West Bengal National Voluntary Force, Kalyani, Nadia
- Regional Training Centre, Purba Medinipur



## 6.2 Training & Awareness Generation Programme:

Year	Programmed	Participant	Location	Organised by	No of Programme
2017	Flood Risk Mitigation & Management	Extension Officer's	Nimtouri	RTC,Purba Medinipur	2
2017	Aapda Mitra Training	CD Volunteers	Kalyani	DMCD	200 volunteers
11.10.2017	School Awareness	Student	Nandakumar	District Disaster Management Section,Purba Medinipur	1
13.10.2017	UNISDR	Local People,PRI bodies,BDMOs	Panskura – I	District Disaster Management Authority,Purba Medinipur	1
13.10.2017	Mock Drill	Student & Local People	Panskura – I	District Disaster Management Authority,Purba Medinipur	1
31.10.2017	NDDR	BDMOs,SDDMOs	District Administrative Building	District Disaster Management Section,Purba Medinipur	1
08.12.2017	Training on Disaster Management	Government Officials	Zilla Parishad	RTC,Purba Medinipur	1
24.11.2017	Tsunami Mock Drill	Community	Ramnagar-I Ramnagar-II Contai-I	SDMA & DDMA	3
05.09.2018	Tsunami Mock Drill	Community	Ramnagar-I	SDMA & DDMA	1
March 2018	FAMEX	Community	Tamluk Sub-Divn	NDRF DDMA	10
January 2018	Basic Training of Civil Defence	Youth	Tamluk Sub-Divn	DDMA	8
February-March 2019	Community Base Awareness Programme	Community	Contai Sub-Divn	DDMA	20
February-March 2019	First Aid and Search & Rescue	Community	Contai Sub-Divn	DDMA	20
December,2019-March-2020	Shelter Level Training Programme	Community	Contai Sub-Division	DDMA	60

November	Nursing Training	Nursing Student	Tamluk District Hospital	Tamluk Dist Hospital	50
November	CCI	Inmate of CCI	All CCI of District	DDMA	50 participant
January	WBSETCL	Staff of WBSETCL	Kolaghat	WBSETCL	80
March	WBSEDCL	Staff of WBSETCL	Tamluk	WBSEDCL	80
March	Flood Risk Mitigation Training	BDMO & SDDMO	Nimtouri RTC Training Centre	RTC	30

### 6.3 Shelter Level Training Plan:

Plan for Shelter Level Training & Activity: Purba Medinipur District						
43 shelters are present in the Purb Medinipur District						
1	Development of IEC Materials:					
	Leaflet, Banner, Miking, Mobile Vehicle song & Drama, Road Rally, Drawing Competition etc.					
2	Awareness Campaign					
	Type	Participants type	No. of Participants	Schedule	Budget	Remarks
a	School Safety including Drawing competition, Screening of film, interaction between Teacher, Student & Guardians	Student, Teacher, Guardians	400	June	20000	Shelter level
b	Uses & various aspect of shelter in the disaster or normal Period including street Drama	Local villagers, MPCSMAC, SHG, Adolescent, Children, SHG	300	November	30000	Shelter level
c	Mock Drill (Shelter level)	Local villagers, MPCSMAC, SHG, Adolescent, Children, SHG, ANM, ASHA	300	December	30000	Shelter level
d	Mock Drill (Block Level)	All line Departments and stakeholders	500	January	100000	Block Level
3	Block Level workshop on effective Shelter Management					
	Type	Participants type	No. of Participants	Schedule	Budget	Remarks

a	Workshop	MPCSMHC Member, Health Deptt, ARD, PHE, Block Task force, Police etc.	150	February	20000	Block Level
<b>4</b>	<b>Training of MPCSMHC on Shelter Management</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
	Shelter Management	MPCSMHC, Task force of Shelter level	50	March	10000	Shelter Level
<b>5</b>	<b>Training on search &amp; Rescue for task force volunteers</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
a	Training on search & Rescue	Shelter Level task force Adolescent girl & boys	40	May	10000	Shelter Level
b	Training on search & Rescue	Shelter Level task force Adolescent girl & boys	40	May	10000	GP Level (9 GP)
<b>6</b>	<b>Training on First Aid for task force volunteers</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
a	Training on First Aid for task force volunteers	Shelter Level task force, Adolescent girl & boys	40	November	10000	Shelter Level
b	Training on First Aid for task force volunteers	Shelter Level task force Adolescent girl & boys	40	November	10000	GP Level (9 GP)
<b>7</b>	<b>Preparation of Village Disaster Management Plan</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
	Preparation of Village Disaster Management Plan	SHG, Children, Public Representative, aged person, PWD	30	December	5000	Shelter level
<b>8</b>	<b>Mock Drill</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
	Mock Drill (Block Level)	All line Departments and stakeholders	500	November	100000	Block Level

<b>9</b>	<b>Block Level Review Meeting</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
	Review Meeting	MPCS MMC Members, All line Departments and stakeholders	150	November	20000	Block Level
<b>10</b>	<b>Refresher Training</b>					
	<b>Type</b>	<b>Participants type</b>	<b>No. of Participants</b>	<b>Schedule</b>	<b>Budget</b>	<b>Remarks</b>
	Refresher Training on search & rescue, First aid	Shelter Level task force Adolescent girl & boys	300	May	30000	Block Level
<b>11</b>	<b>Additional Requirement:</b>					
a	Item	Budget				
b	Laptop	45000				
c	Projector	40000				
d	video Camera	20000				
e	Supervision cost including Mobility support	5000 per MPCS				

<b>Proposed Training Calendar of the 2020-21</b>						
<b>Sl No</b>	<b>Block Name</b>	<b>Date of Training</b>	<b>Type of Training</b>			
			<b>Community Base Awareness Programme(CBAP)</b>	<b>Sensitization Programme for PRI Representative Govt. Officials(SP)</b>	<b>Mock Exercise (ME)</b>	<b>School Safety Awareness Programme (SSAP)</b>
1	Nandakumar	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
2	Moyna	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
3	Tamluk	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
4	Sahid matangini	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP

5	Panskura – I	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
6	Panskura –II	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
7	Chandipur	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
8	Mahisadal	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
9	Nandigram - I	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
10	Nandigram – II	March-June	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
11	Sutahata	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
12	Haldia	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
13	Contai –I	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
14	Deshapran	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
15	Contai– III	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
16	Khejuri – I	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
17	Khejuri – II	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
18	Ramnagar – I	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
19	Ramnagar –II	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
20	Bhagawanpur- II	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
21	Bhagawanpur- I	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
22	Egra – I	Dec-Feb	one programme on CBAP	one programme on SP	one programme	One Programme

					on ME	on SSAP
23	Egra – II	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
24	Pataspur - I	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP
25	Pataspur – II	Dec-Feb	one programme on CBAP	one programme on SP	one programme on ME	One Programme on SSAP



**Pic – Observation of UNISDR 2017**





**Pic – Community Awareness Programme**



**Pic – Observation on Beach Safety Measure at Bakkhali**

# **Chapter - VII**

## **Response**

### **Relief**

### **Measure**



## Chapter:7

### Response, Relief Measure

The International Strategy for Disaster Reduction (ISDR) defines recovery as the “decisions and actions taken after a disaster with a view to restore or improve the pre-disaster living conditions of the stricken community, while encouraging and facilitating necessary adjustments to reduce disaster risk”.

#### **Disaster Response:**

**Disaster response** is aimed at

- ✓ saving and protecting human life;
- ✓ relieving suffering;
- ✓ containing the emergency – limiting its escalation or spread and mitigating its impacts;
- ✓ providing the public and businesses with warnings, advice and information;
- ✓ protecting the health and safety of responding personnel;
- ✓ safeguarding the environment;
- ✓ as far as reasonably practicable, protecting property;
- maintaining or restoring critical activities;
- ✓ maintaining normal services at an appropriate level;
- ✓ promoting and facilitating self-help in affected communities;
- ✓ facilitating investigations and inquiries (e.g. by preserving the scene and effective records management);
- ✓ facilitating the recovery of the community (including the humanitarian assistance, economic, infrastructure and environmental impacts);
- ✓ evaluating the response and recovery effort; and

#### **Response Mechanism:**

##### **7.1 Stakeholders Sepecific Responsibility Matrix**

S.No.	Tasks	Stakeholders	Supporting Officer /
1	Direction,Control Coordination	DM	SP, SDO/BDO
2	Information Collection, Analysis and Damage survey	DM	All Line Department
3	Communication	DM	Mobile Operators, TV, Radio, Police,
4	Alert and Warning	DM	SEOC/DEOC/IMD/INCOIS
5	Transport,Evacuation,relief assistance	RTO	SP/SDO/BDO/SDPO
6	SAR	SP/Civil / defense/SDRF/NDRF	Fire, civil defense, Home Guards,& SDRF,NDRF
7	Emergency,Public Information	DIO	EOC/Police/Transport/Forest
8	Law and Order / Public Protection	SP	SP,SP DIB
9	Public Works	Ex. Engr.	Irrigation, Ex. Engr., Panchayat,PWD
10	Mass Care/Emergency/Assistance / Shelters	DI Pry & Secondary/BDO	School Principal, Teachers,Health, PHC,State Transport, Water Supply,RTO,/BDO

11	Health and Medical	CMOH	Supt. Govt. Hospital, Municipality, PHCs, CHCS, Red Cross,
12	Animal Health & Welfare	Dy ARD	Veterinary Inspector
13	Water Supply Sanitation	Ex. Eng. PHE	Dy. Ex. Engr PHE
14	Restoration of Power	RM, WBSEDCL	Ex. Engr., Dy. Engr. Technical, WBSEDCL

## 7.2 Hazard Sepecific Responsibility Matrix:

**Hazards specific Responsibility Matrix for emergency response functions for sudden disaster where early warning is available:**

Time	Hazard	Task	Department / Agency	Activity
D-72 Hr	Cyclone/Flood	Forecasting/Warning	IMD/CWC	DEOC staff will analyze the information :- (a)Where incident may take place (b) When the incident may take place will inform O/C, DEOC or directly to DM & Collector
D-48 Hr	Cyclone/Flood	Forecasting/Warning	IMD/CWC	DEOC staff will analyze the information :- (a)Where incident may take place (b) When the incident may take place will inform O/C, DEOC or directly to DM & Collector
D-24 Hr	Cyclone/Flood	Warning/Evacuation	IMD/CWC	DEOC/ Sub Divisional Control Room will immediately pass the information to the 1.SDPO for sending QRTs for search & Rescue Operation (Police/ Fire Service/ SDRF/NRDF etc) 2.CMOH for sending QRTs for First Aid SE, PWD/ GREEF etc for sending QRT for Road Cleaning 3.Regional Manager WBSEDCL to cut the power supply of the affected area to avoid accidents caused by electric shock 4.All BDO arrange Rescue Shelter to ensure sanitation and drinking water supply 5.EE PHE arrange supply of Drinking water. 6.Dy. Director, ARDD for arrangement of Cattle camp 7.DDMA chalk out detailed response mechanism
D0 Hr	Cyclone/Flood	Preparedness	WBSEDCL	Power cut off
D +15 Min	Cyclone/Flood	Rescue/ First Aid	Fire Service/NDRF/SDRF /QRT/Police/Health	Road cleaning so that response team, may reach to the spot immediately and Damage assessment .(ii) Search & Rescue operation and First Aid
D +30 Min	Cyclone/Flood	Rescue/ First Aid	Fire Service/NDRF/SDRF/ QRT/Police/Health	do
D + 1 Hr	Cyclone/Flood	Rescue/ First Aid	Fire Service/NDRF/SDRF/ QRT/Police/Health	do
D +2 Hr	Cyclone/Flood	Rescue/ First Aid	Fire Service/NDRF/SDRF/ QRT/Police/Health	do

D +3 Hr	Cyclone/Flood	Rescue/ First Aid/Sheltering/Damage assessment	Fire Service/NDRF/SDRF/QRT/Police/Health/ Damage assessment team	(i) Shelter place identification and ensuring facilities (ii) Evacuating affected families and sheltering Damage assessment so that planners can prioritize the resources, need to be in place and synchronize activities of different stakeholders
D +6 Hr	Cyclone/Flood	Relief distribution/drinking water/sanitation	Fire Service/NDRF/SDRF/QRT/Police/Health/	Ensuring drinking water/ alternative power supply/ sanitation etc to the affected families/ shelter places
D +12 Hr	Cyclone/Flood	Restoration on public utility services/loss assessment	PWD/PHE/wbsedcl/Forest/Agriculture/I&W	Restoration of public utility service by service providers and loss assessment by Damage Assessment Team
D +24 Hr	Cyclone/Flood	Restoration on public utility services/loss assessment	PWD/PHE/wbsedcl/Forest/Agriculture/I&W	Restoration of public utility service by service providers and loss assessment by Damage Assessment Team

### 7.3 Warning & Alert:

1. Warning message is received in the DEOC from Revenue Department/IMD/NWFC
2. The message is translated in the local and non- technical language and immediately disseminated to the Sub-divisional EOCs/ BDOs
3. The message is also sent to the SIO (ICA Department) with instructions to transmit it immediately through electronic/ print media
4. Withdrawal of the warning is also communicated similarly

### 7.4 District Level meeting:

**District Level meeting** Meeting will be conducted immediately in case of a crisis situation.

### 7.5 ACTIVATION OF EOC

DEOC is already activated 24X7x365 days. After receiving the information from any sources such as media/ public/ SEOC, DEOC will immediately activate sub divisional control room and will pass necessary information to respond to the threatening incident.

### 7.6 RESOURCE MOBILIZATION

Resource will immediately be mobilized to incident spot after receiving the direction from DDMA chairman.

### 7.7 First assessment report & seeking External assistance

External help will be taken from any source with a specific requisition from DDMA chairman and first assessment shall be prepared by damage assessment team which will be sent by Chairman DDMA/DEOC with in 1-2 hours.

**7.8 MEDIA management/Co-ordination /information Dissemination:** DDMA will issue authenticated information to media from time to time to avoid panic and to keep community and other stakeholders in touch with the progress.

## 7.9 Relief Measure:

**Relief** immediately after the calamity, lasting from the first 24 hours to about two to three months and catering to immediate shelter, food, water and medical assistance.

The relief activities of the Department may be divided into three categories.

1. Normal Relief.
    - I. Gratuitous Relief
    - II. Special G.R. (Leprosy)
    - III. Starvation G.R.
    - IV. Special Relief to Rape –Seed oil Victims of Behala & its adjoining areas.
  2. Emergency Relief
    - I. Special G.R.
    - II. Relief Contingency
    - III. House Building Grant (Administration of such relief requires submission of C.A-II report to Govt.)
  3. Other Assistance
    - I. Ex.-Gratia Grant to the bereaved families of victims of natural calamities.
    - II. Financial Assistance from Prime Minister's National Relief Fund.
    - III. Ex.-Gratia Grant to the bereaved families of victims of riots, arson, etc.
    - IV. Economic Rehabilitation Grant.
    - V. Scheme for construction of : i) Relief Go-Down / Stores & iii) Flood / Cyclone Shelters.
1. Gratuitous Relief

Rule 126 of Relief Manual contains the provision :-

The following persons shall be entitled to G.R provided they have no relatives able, and by customs of the country bound, to support them :

- a) Idiots and lunatics.
- b) Cripples
- c) Blind persons
- d) All persons who from age or physical infirmity are incapable of earning their living
- e) All persons whose attendance on sick or on infant children in their own houses is absolutely necessary.
- f) Women of respectable birth who are debarred by natural custom from appearing in public and are in danger of starvation &
- g) Such other persons who cannot work and can not be provided with work.

Present coverage under G.R = 0.25% (1988) of population.

Selection of list of recipients = G.P./U.A

Approval of list = In rural areas : Panchayat Samity (by resolution) or the Padhan of the concerned Gram Panchayat, if authorized by the P.Samity.

In Urban areas :- Urban Advisory Committee / concerned S.D.O. in

superseded municipalities and in areas not covered by a Municipality or Panchayat.

Scale = 12 Kgs. Wheat or 120/- per month per adult and half of the scale for minor.

#### **7.9.1.Normal Relief Assistance:**

##### **7.9.1.1Person Eligible:**

The following classes of person shall be entitled to normal relief assistance in their villages:

- Mentally challenged
- Physically handicapped
- Cisuually handicapped
- Women of respectable birth who are debarred by custom from appearing in public and are in danger of starvation.

##### **7.9.1.2.Special Relief Assitance:**

- In an emergency it may be necessary to start districbution of foodgrains or Cash Relief as emergency relief for a temporary period to the victims of natural calamities and accidental fire.
- Districbution of Cash Relief Assisstance shall not be resorted to,unless this is necessary for preservation of human life.
- Relief materials to be distributed to the victims of natural calamities and accidental fire.

##### **7.9.1.3.House Building Grant:**

House building grant is paid to the indigent families who are living Below Poverty Line and whose total family income does not exceed Rs. 2,500/- per month,to rebuild or repair their damaged or destroyed dwelling houses as a result of natural calamities and accidental fire.

##### **In case of damage to dwelling houses by any natural calamity:-**

A joint inspecting team consisting of one representative each from the concerned Gram Panchayat, Panchayat Samity and Block Development Officer(for rural areas) OR from the concerned Municipality/Urban Area Authority and the Sub-Divisional Officer, will cause enquiry into the damages to the houses along with the pecuniary condition of the victims in the prescribed brief proforma and will submit draft priority lists of deserving families for H.B. Grant assistance, to the concerned B.D.O.(for rural areas) or the S.D.O.,(for urban areas) who will cause the lists published for three days at the offices of the Gram Panchayat and Panchayat Samity or Municipality/Urban Area Authority and Sub-Divisional Officer. The B.D.O.(with the concurrence of the Savapati of the Panchayat Samity) or the S.D.O. will prepare and approve the priority lists in final form after disposal of the claims and objections, if any, by them. Fund for H.B. Grant available from the concerned District Magistrate, should be distributed on the basis of the approved priority lists.

##### **In case of damage to dwelling houses by accidental fire :-**

The same procedure as in the cases of natural calamities may also be followed for damages to houses by accidental fire. But, as sanction and allotment of fund for H.B. Grant(fire) from the State Govt. will be made on verification of duly filled and recommended simplified M-Form, it is advisable that the joint inspecting team should use the simplified M-Form(as per Relief Manual) in stead of the simplified brief proforma prescribed for the cases out of natural calamity. The duly filled in Form should be recommended by the concerned B.D.O. , Savapati of the Panchayat Samity/Chairman of the Urban Authority, S.D.O. and D.M./A.D.M.

##### **The present scale for payment of H.B. Grant :-**

- a) For fully damaged houses : Rs. 95,100/- per family.

- b) For partly damaged houses : Rs.3200/- per family.

#### **7.9.1.4.Ex-Gratia grant to the bereaved families of victims of Natural Calamity:**

Ex-gratia grant is paid to the next of Kin of the person who suffered loss of life due to natural calamity & accidental fire. It may be pointed out here that Ex-Gratia grant is also paid to the bereaved family of the person who suffers loss of life due to snake bite, heat wave, lightning, during any natural calamities.

A. Regarding death due to Natural calamity

- ☐ Scale Rs. 4 Lakh
- ☐ Beneficiaries : Next of Kin (s) of deceased

B. Regarding death due to Snake Bite /Sun Stroke

- ☐ Scale Rs. 1 Lakh
- ☐ Beneficiaries : Next of Kin (s) of deceased

C. Regarding death due to Accidental Fire

- ☐ Scale Rs. 2 Lakh
- ☐ Beneficiaries : Next of Kin (s) of deceased

D. Regarding death due to Road Accident (on Special Grant)

Ex-Gratia Grant is paid to the next of kin of the person who suffers loss of life due to Natural Calamity such as flood, cyclone, earthquake, tornado, hailstorm, lightning, etc. as well as for accidental fire. It may be pointed out here that Ex-Gratia Grant is not paid to the bereaved family of the person who suffers loss of life due to snakebite during the natural calamity.

#### **Essential papers required for sanction of Ex-Gratia Grant by the concerned District Magistrates :**

- a) Application of the Claimant(s) (in original)
- b) Attested copy of death certificate.
- c) Attested copy of Post-Mortem Report with the opinion of the Autopsy Surgeon as to the cause of death.
- d) Police Report in details stating the exact cause and date of death with office seal.
- e) Proforma Report with recommendations of the Gram Panchayat Pradhan, B.D.O., Savapati of the Panchayat samity, /Chairman of the Municipality/Urban Authority, & S.D.O., concerned.

#### **7.9.1.5.Economic Rehabilitation Grant:**

This kind of relief assistance is designed to ensure economic rehabilitation of poor families by providing them either swing machine or fund for starting small trades.

1. **Object :-** The scheme is designed to ensure economic rehabilitation of distressed families of this State which are capable of taking some productive occupation by arranging ex-gratia grants for purchase of stock-in-trade like groceries of miscellaneous appliances like sewing machines, carpenter's tools, looms, Amber Charka, cycles for paddlery including trades like poultry, dairy, blacksmithy, etc. and other occupation/business which will ensure gainful rehabilitation of the families.
2. **Scope:-** The scheme should be restricted to such families as are eligible for G.R. or have no income or whose monthly income does not exceed the ceiling as may be decided by the Govt. from time to time (presently Rs. 2500/- per month). Preference should be given to the families of G.R. recipients should be stopped immediately after the E.R. Grant is disbursed to such family.

#### **3. Procedure for sanction:-**

- i) Application in the prescribed proforma is sent to the respective B.D.O.- cum-Executive Officer, Panchayat Samity through the concerned Gram Panchayat Pradhan or suo-moto.
- ii) Inquiry by the Block Disaster Management Officer (B.D.M.O.) or other officers with the assistance of Panchayat Samity level Staying Samity on Relief will finalize the list of

beneficiaries for General, Ex- T.B. Patient, S.C., S.T. Categories and send the same to the District Disaster Management Officer (DDMO)/ Officer-in-Charge, Disaster Management Department by June every year.

iii) The Office of the District Magistrate will scrutinize the list received from the Block Development Officers and place it before the Screening Committee set up in the district with the following:-

- a) Savadhipati of Zilla Parishad or his representative.
- b) A.D.M.in-charge of Relief.
- c) Karmadhyaksha, Sthayee Samity in Zilla Parishad.
- d) One female member of the Zilla Parishad.
- e) District Relief Officer or O.C. Relief -----Member Secretary.

The Screening Committee to scrutinize all proposals for E.R. Grant & Artisans' Grant and to furnish its recommendation in each case to the District Magistrate along with a list of deserving cases in order of priority.

IV) In urban/municipal areas these cases be processed by the concerned Ward Commissioners and be approved by the concerned Advisory Committee after making such inquiries as it may deem necessary.

V) The applications along with reports/recommendations be submitted to the concerned S.D.O. who will take necessary action as indicated in (iv) above.

VI) In superseded Municipality and in areas not covered by a municipality or Panchayat and in Notified Areas, the processing of E.R. / Artisans Grants cases may be made by the concerned S.D.O. in Consultation with the local M.L.A. or his authorized representative, the Administrator/Executive Officer of the Municipality/Notified Area Authority as well as Advisory Committee, if any.

X) In districts the District Magistrates on the basis of the recommendations of the Screening Committee, shall submit specific proposals to the Govt. for the Purpose of obtaining allotment with item-wise information enumerated at items (a) to (f) in (ix) above.

4) Sanctioning Authority: - Govt of West Bengal, Department of Disaster Management & Civil Defence.

5) Restrictions :- E.R. Grant should not be sanctioned to a family more than once.

6) Remarks: Tentative targets for each district are fixed in each year considering the budgetary allocation of the year. Coverage of S.C. and S.T. beneficiaries under this scheme should be at least 24% and 6% respectively.

The present scales of assistance under E.R. Grant to destitute family/Ex-T.B. patient are as under:-

# Purchase of sewing machine : Not exceeding Rs. 2500/- per beneficiary.

#### **7.9.1.6 Norml Gratuity Relief**

#### **7.9.1.7 Special Gratuity Relief:**

Special G.R is granted in kind (wheat/rice) as emergency relief for a temporary period to the marooned people out of any natural calamity as well as to the victims of fire accident /riot/arson.

#### **7.9.1.8 Cash Grauity Relief**

**7.9.1.9 Relief Contingency:**Relief Contingency is utilized for payment of hiring cost of boats used in rescue and relief operation, preparation of temporary shelters, transportation of food and other relief & rescue materials, purchase of dry foods, maintenance of gruel kitchen, etc.

# **Chapter:VIII**

## **Recovery,Reconstruction & Rehabilitation**



## Chapter - 8

### Recovery, Rehabilitation & Reconstruction Measure

#### 8.1. Recovery Measure:

The damage caused by floods, earthquakes and cyclones is on a much larger scale than other disasters and recovery after these disasters poses a challenge. Recovery in case of epidemics is more in the form of sanitising the locality against any future recurrence and may also involve counseling of the victims.

- Gender Sensibility
- Enhancing Safety Standard
- Improving the living condition of the affected community
- Recovery strategies should include all the intervention of Social, Economical and Psychological.

#### 8.2. Recovery Programme:

Recovery Program:				
Task	Departments/Agency	Activities	Time period	Source of Fund.
<b>Longterm</b>				
Skill development training to affected population	P & RD/DMCD/DSW	Training	Round the year	State Govt
<b>Shortterm</b>				
Loans/Grants/assistance	P & RD/DMCD/DSW	aid	Round the year	State Govt



**Pic – Distribution of Ex-Gratia Grant at presnt of DM and DDMO**



**Pic – Distribution of Ex-Gratia Grant at present of ADM(G) and DDMO**

## Chapter-IX

# Financial Resources for Implementation of the DDMP

## **Chapter – 9**

### **Financial Resources for Implementation of the DDMP**

Financial assistance in the wake of natural calamities is provided in accordance with the schemes of relief funds. These schemes are based on the recommendations of the successive Finance Commissions. While the budgetary provision of these relief funds is dealt with by Ministry of Finance, the processing of request of the state government for these funds is done by the Ministry of Home Affairs (DM Division). The present scheme of State Disaster Response Fund (SDRF) and National Disaster Response Fund (NDRF) are based on the recommendations of the 13th Finance Commission, operative from 1st April 2010 to 31st March 2015.

#### **8.1 State:**

##### **State Disaster Response Fund:**

Section 48 (1) of Disaster Management Act 2005 provides for constitution of State Disaster Response Fund (SDRF) by the state Governments. The Ministry of Home Affairs has issued the guidelines to the state for operation of SDRF. Allocations to the State Relief Funds have been made based on the recommendations of the successive Finance Commissions. While allocating the funds to various states for a period of five years the factors considered include the expenditure incurred by the state government on relief operations during the last about 10 years, vulnerability of the state to natural disasters and economic status of the state. Currently, as per the recommendations of the 13th Finance Commission, the GoI has approved an allocation of ` 33580.93 crore in the State Disaster Relief Fund to all the states, comprising of ` 25847.93 crore as central share and ` 7733.00 crore as state share. The scheme of SDRF provides for release of the central share SDRF in two equal installments in the months of June and December.

##### **Additional Financial Assistance:**

Over and above the provisions of the SDRF, funding is provided from the NDRF in the wake of calamities of severe nature. On receipt of the memorandum from the affected states, an Inter Ministerial Central Team comprising of representatives of the central ministries/ departments is constituted and its report after examination by the Inter Ministerial Group (IMG) headed by Home Secretary is placed before the High Level Committee (HLC) for their consideration and approval of funds from NDRF.

#### **8.2 District**

##### **SCHEME FOR CONSTRUCTION OF RELIEF GODOWN/STORES & (II) FLOOD/CYCLONE SHELTERS.**

Release of fund for such constructions is restricted to the limit as under :-

- |   |                 |
|---|-----------------|
| i) Relief Godown at Block/Sub-Divisional H.qrs. | Rs. 18,20,000/- |
| ii) Relief Godown at District                   | Rs. 44,00,000/- |
| iii) Flood/Cyclone Shelter                      | Rs. 50,00,000/- |
| iv) MPCs Under NCRMP-II                         | Rs. 3-4 crore   |

Proposals for such constructions should be submitted justifying the necessity and enclosing two copies (at least one must be in original) of duly vetted Estimates & Plans mentioning therein the District, Police Station, Mouja, J.L. No., Khatian No., Plot No., Area, Campus etc. Percentage of S.C. & S.T. population with reference to the total population of the areas to be covered by such construction should be indicated. Construction of Flood/Cyclone shelters should be on safe high lands in flood/cyclone prone areas of districts



# **Chapter-10**

## **Procedure & Monitoring of DDMP**

## **Chapter – 10**

### **Procedure & Methodology for Monitoring, Evaluation, Updation & Maintenance of DDMP**

#### **9.1 Authority for Monitoring , Reviewing & Evaluation The DDMP:**

The District Disaster Management Plan monitor and prepared by district disaster management section and implementation of it during any kind of natural or man made calamity. The DDMP reviewed by District Magistrate, Additional District Magistrate (General) and District Disaster Management Officer and would be passed as plan for every year.

The Block Disaster Management Plan and all line department plan submit their plan annually to the District Disaster Management Section. The DDM section compile and Formulated the same plan with DDMP.

#### **9.2 Post Disaster Evaluation of DDMP:**

Post disaster evaluation mechanism for DDMP would be done by the concern block disaster management section and line department respectively, based on their report, the relief measure and rehabilitation process would take place.

#### **9.3 Schedule for Updation of DDMP:**

The updation process of District Disaster Management Plan is basis of sectional need at regular basis under the section 31(7) is carried throughout by the district.

#### **9.4 Uploading of Updated Plans at DDMA/SDMA websites:**

Once the plan is submitted to the State Disaster Management Authority by the district disaster management section under the section 31(6) as directed it will be upload to the departmental websites.

#### **9.6 Conducting Mockdrills:**

Conducting mock exercise at district level as well as sub-division and block level very essential as disaster need. It will help the effective disaster preparedness measure among the local people, NGO, CBO, Students, teachers and all stakeholders. Such exercise is conducting as FAMEX programme, Tsunami Mockdrills, Fire Mockdrills, etc in every year.

#### **9.7 Gap of Evaluation:**

Administrative Training Institute is provided a regular basis training to the DDMO, SDDMO, BDMO. Apart from this Disaster Professional in the district formulate and monitors the DDM of the districts. Trainings is to be provided on a regular basis to the local people, CBO, NGO, students etc at State level, district level and block level as per national guideline.





Pic- Tsunami Mock Exercise



Pic- Tsunami Mock Exercise



# **Chapter-XI**

## **Coordination Mechanism for DDMP**

## **Chapter 11:**

### **Coordination Mechanism for implementation of DDMP**

Dealing with a major disaster requires resources from outside the district. When the capacities of a district administration are overwhelmed, higher levels are called upon to assist. Likewise, assets and capabilities in the corporate and non-governmental sectors available around the district may be brought to bear.

There are many actions undertaken by participants in disaster management that support this goal, both pre- disaster (to forestall or reduce potential damage) and post-disaster (to recover from actual damage) and ideally these activities would reduce the potential effects of a disaster significantly. For achieving this objective, the plan should have a pre-established and practiced mechanism for Inter, intra and extra agency coordination.

Pre-Disaster meetings to review the DDMP with all stakeholders should also be planned. All line department plan enclosed herewith.

### **Department of Irrigation & Water Ways, Tamluk Division:**

The East Midnapore Division with the Head Quarter at Tamluk consists with 4 (four) nos. Sub-Divisions. The territorial jurisdiction of this division covers Panskura, Kolaghat, Moyna, Sahid Matangini, Tamluk, Nandakumar, Mahisadal, Sutahata, Haldia Blocks of Purba-Medinipur District as well as and some parts of Debra, Pingla & Sabang Blocks of Paschim-Medinipur District.

In order to combat with the flood situation 2019, one control room will be opened at the Division Office of Tamluk (I) Division at Tamluk. The **Executive Engineer** will be the sole in charge of this cell. The main function of this cell will be to receive and communicate the flood related messages to all concern along with rainfall and river gauge levels. The **SDO, Tamluk** Irrigation Sub-Division will act as In-charge of flood in absence of the Executive Engineer. Other Officers & staff who will discharge the flood cell duty will be communicated immediately.

#### **2. FLOOD CELL**

**Head quarter: East Midnapore Division,**  
I&W Dte Tamluk,  
Village - Ratnali, Via - Kelomal,  
Post - Radhaballavpur  
District - Purba-Medinipur  
Phone & Fax - 03228 - 266889

#### **3. IRRIGATION SUB-DIVISIONS COMPRISING WITH BLOCK AREA**

<b>Sl. No.</b>	<b>Irrigation Sub-division</b>	<b>Blocks</b>
1	Tamluk Irrigation Sub-division	Sutahata, Haldia, Mahisadal, Nandakumar, Tamluk, Sahid Mantangini
2	Investigation Sub-division No. I	Moyna, Pingla, Sabong, Tamluk
3	Panskura Irrigation Sub-division No. I	Tamluk, Kolaghat, Sahid Mangangini
4	Panskura Irrigation Sub-division No. II	Panskura - I, Kolaghat, Moyna, Debra, Tamluk

Sl. No.	Name of Officers	Designation	Head Quarter & Blocks under jurisdiction	Contact No.	
				Office	Mobile
<b>1</b>	<b>Shri Anirban Bhattacharya</b>	<b>Executive Engineer, East Midnapore (I) Division</b>	<b>Tamluk (I) Division Office, Tamluk</b>	<b>03228-266889</b>	<b>9433106668</b>
<b>2</b>	<b>Shri SOURABH DAS</b>	<b>S.D.O. Tamluk (I) Sub-division.</b>	<b>Tamluk (I) Sub-division Office, Tamluk.</b>	<b>03228-266092</b>	<b>9062099820</b>
<b>There are 3 (three) section Office under Tamluk Irrigation Sub-division</b>					
2(a)	Sri Kalyan Sahoo	Section Officer, Tamluk section office	Tamluk (I) Sub-division Office, Tamluk. Blocks under jurisdiction :- 1)Panskura 2) Sahid Mantigini 3) Tamluk	<b>03228-266092</b>	<b>8972945100</b>
2(b)	Sri PRASUN BOSE	Section Officer, Sitalpur section office	Tamluk (I) Sub-division Office, Tamluk. Blocks under jurisdiction:- 1) Tamluk 2) Mahisadal 3) Nandakumar	<b>03228-266092</b>	<b>7044720469</b>
2(c)	Sri Biplab Pal	Section Officer, Geonkhali section office	Tamluk (I) Sub-division Office, Tamluk. Blocks under jurisdiction: - 1) Haldia, 2) Sutamata, 3) Mahisadal.	<b>03228-266092</b>	<b>9433035171</b>
<b>3</b>	<b>Shri RENTU SK</b>	<b>S.D.O. Investigation Sub-division no. I</b>	<b>Investigation Sub-division OFFICE, Tamluk, Maniktala</b>	<b>03228-269044</b>	<b>9002476391</b>
<b>There are 1(one) section Office under Investigation Sub-division No I</b>					
3(a)	Md. Sanuar SK	Section Officer, Paramanandapur section	Investigation Sub-division OFFICE, Tamluk, Maniktala Blocks under jurisdiction:- Pingla, Sabong, Moyna	<b>03228-236163</b>	<b>9733713529</b>
3(b)	Ramesh Maity	Head Quarter (Attach investigation Sub-Division No.I	Investigation Sub-division Office.	<b>03228-269044</b>	<b>9163445833</b>
<b>4</b>	<b>Shri Lalit Chowdhury</b>	<b>S.D.O. Panskura (I) Sub-divn. No. I,</b>	<b>Panskura(I)Sub-divn.Office,Panskura I</b>	<b>03228-252867</b>	<b>8076198886</b>

#### **4. OFFICERS AND HEAD QUARTER**

**There are 3 (three) section Office under Panskura Irrigation sub-division No. I**

Sl. No.	Name of Officers	Designation	Head Quarter & Blocks under jurisdiction	Contact No.	
				Office	Mobile
4(a)	Sentu Biswas	Section Officer, cossye(I)Section	Panskura(I)Sub-divn.Office,Panskura I Blocks under jurisdiction:-1) Panskura 2) Panskura Municipal Area 3) Kolaghat	<b>03228-252867</b>	<b>8967509327</b>
4(b)	Shri RANJIT MAITY	Section Officer, Jassar section	Panskura(I)Sub-divn.Office,Panskura I 1) Kolaghat	<b>03228-252867</b>	<b>8981653245</b>

4(c)	Shri Puspan Mandal	Section Officer, Denan Section	Panskura(I)Sub-divn.Office,Panskura I Blocks under jurisdiction: - 1) Kolaghat 2) Saheed Mantingini.	<b>03228-252867</b>	<b>9433303050</b>
4(d)	<b>Sandeep Ata</b>	<b>Panskura H.Qtr(I)Section</b>	Panskura (I) Sub-division Office. No.I		<b>9733529275</b>
<b>5</b>	<b>Shri Abhinaba Majumdar</b>	<b>S.D.O. Panskura (I) Sub-divn. No. II</b>	<b>S.D.O. Panskura (I) Sub-divn. Office No. II</b>	<b>03228-252220</b>	<b>7278536077</b>
<b>There are 3 (three) section Office under Panskura Irrigation sub-division No. II</b>					
5(a)	Sri Mohitosh Das	Section Officer, Cossye Section	Panskura Irrigation Sub-division No. II Blocks under jurisdiction:- 1) Panskura 2) Panskura Municipal Area .	<b>03228-252220</b>	<b>9874470676</b>
5(b)	Sri Abhijit Das	Section Officer, Dobandy Section	Panskura Irrigation Sub-division No. II Blocks under jurisdiction:- 1) Panskura 2) Moyna.	<b>03228-252220</b>	<b>9800638628</b>
5(c)	ASADUZZAMAN	Section Officer, Khaniady section	Panskura Irrigation Sub-division No. II Blocks under jurisdiction:- 1) Kolaghat 2) Panskura.	<b>03225-255096</b>	<b>8509013880</b>

**River Gauge & Rain Gauge:**

Daily gauge report will be communicated to all concern by Fax or Phone.

**(A) River Gauge Stations**

Sl.No.	Name of the Gauge Stations	Name of the River	P D L (M)	D L (M)	E D L (M)	H F L (M)
			<b>G. T. S DATA IN METER</b>			Maximum Observed
1	Denan	Rupnarayan	3.81	4.42	5.03	5.75
2	Panskura	New-Cossye	8.68	9.29	9.90	9.90
3	Dobandy	New-Cossye	4.41	5.03	5.63	5.63
4	Barisha (Paramandapur)	Chandia	4.10	4.55	5.00	6.42
5	Khaniady	Durbachaty	5.03	5.62	6.25	11.00

**(B) Rain Gauge Station:**

- 1) Panskura--- Panskura I Irrigation Sub-division No-II
- 2) Tamluk ---Tamluk Irrigation Sub-division
- 3) Barisha---Investigation (I) Sub-division No.

**Weekly Flood Report.**

Weekly flood report is to be submitted by the Concern Sub-divisional (Irrigation) Officers as usual following last year's procedure.

**Rain fall report of Last 7 years Recorded at Barisa Rain Gauge Station  
under Investigation Sub-division No. I\***

<b>Year</b>	<b>Rainfall(mm)</b>
2012	843.50 Up to 30.10.2012
2013	1733.50 up to 08.11.2013
2014	1056.25 up to 03/11/2014
2015	1475.00 up to 20/10/2015
2016	1496.00 up to 06/11/2016
2017	1490.00 up to 31/10/2017
2018	1498.00 up to 31.10.2018

**Rain fall report of Last 7 years of Panksura (I) Sub-division no. II**

<b>Year</b>	<b>Rainfall (mm)</b>
2012	1243.25 up to 30.10.2012
2013	2017.25 up to 08.11.2013
2014	1929.98 03/11/2014
2015	2078.69 up to 20/10/2015
2016	2257.00 up to 06/11/2016
2017	2619.80 up to 31/10/2017
2018	1709.00 up to 31.10.2018

## **Rainfall of Tamluk rain gauge station of last 7 years under Tamluk Irrigation Sub-division**

<b>Year</b>	<b>Rainfall (mm)</b>
2012	746.15 up to 30.10.2012
2013	1695.00 up to 08.11.2013
2014	1241.90 03/11/2014
2015	1657.00 up to 20/10/2015
2016	1794.00 up to 06/11/2016
2017	1969.00 up to 31/10/2017
2018	1927.00 up to 31.10.2018

### **Hiring of Boats**

Necessary arrangement will be done as and when required

### **Sluice Gates and Regulator**

Utmost care has been taken to make fit the sluice gates, oiling & greasing the gearing arrangement in order to smooth functioning in rainy season.

### **Removal of Cross Bundhs & Fishing Pattas**

Cross Bundh and fishing pattas on river bed is a vital one which creat obstruction for smooth drainage. The cross bundhs over different khals & rivers under East Midnapore Division must be removed within 1<sup>st</sup> June 2018. Kind co-operation is solicited from the local representative & the B.D.O. of the concern block and administration in order to avoid flood situation.

### **Vulnerable Zone:**

This year some restoration and repair works have been undertaken in some vulnerable zones of different embkts. Which are expected to be completed before the onset of monsoon 2018.

### **Flood fighting works**

Flood fighting work will be under taken as and when necessary under prior intimation to District Administration after obtaining, permission from higher official of I & W. D.

In the event of any breach or any unwanted situation, report will be transmitted to the District Magistrates, and Sabhadhipatis of Purba & Paschim-medinipur Districts. Concern S.D.O's & B.D.O.'s and Higher Officers of Irrigation & Waterways Department along with central Flood Cell of Irrigation & Waterways Department at Jalasampad Bhawan, Salt Lake will also be duly informed. Repair or closing of breach can only be taken up with prior permission of Government with written requisition from District Magistrate and Sabhadhipati.

## **Department of Irrigation & Waterways, Contai Division:**

The Contai Irrigation Division with head quarter at Contai Consists of 4 Nos. Sub-Division with details after. The jurisdiction of this Division is more or less the Southern part of Purba Medinipur District. It is surrounded the river Kaliaghai along with river Haldi at North river Hoogly at Eastern part Bay of Bengal on the entire Southern part & at the Western part there is river Baghai out falling to river Kaliaghai.

This Division Consists with 4 Nos. Sub-Division cover the Blocks of Egra – I & II, Bhagwanpur – I & II, Patashpur – I & II, Khejuri – I & II., Nandigram-I&II, and Chandipur, Ramnagar- I & II, Contai- I, III, & Deshapran.

In order to combat with the flood situation of 2019. One control room will be opened at the Division Office of Contai Irrigation Division at Contai. The Executive Engineer will be the over all in charge of this Cell. The main function of this Cell will be the receipt and communication of the flood related messages to all concern along with rainfall and River Gauge Levels. The Sub-Divisional Officer, Contai Irrigation Sub-Division will act as in charge of Flood in absence of the Executive Engineer. Other Officers & Staff who will discharge the Flood Cell Duty will be communicated immediately.

### **1. OFFICER'S AND HEAD QUARTER.**

Sl. No.	Name of the Officer's	Designation	Head Quarter	Contact No.
1.	SWAPAN KUMAR PANDIT	Executive Engineer Contai Irrigation Division Contai	Contai Irrigation Division Office	03220- 257862(R)  30220- 255162(O)  9434303934
2.	ALOK PAL	S.D.O. Contai Irrigation Sub-Division	Contai	03220- 255054(O)  8609709062
3.	SUBHANKAR GURIA	S.D.O. Etamogra Irrigation Sub-Division	Etamogra	03224-201305 (O)  9800866653
4.	SWAPAN KUMAR MONDAL	S.D.O. Digha Irrigation Sub-Division	Ramnagar	03220-264504 (O)  9836890480
5.	NIKHIL CHANDRA DHULIA	S.D.O. Egra Irrigation Sub-Division	Egra	03220-244278 (O)  9735275813

### **2. FLOOD CELL :**

**Head Quarter :** Contai Irrigation Division  
At. P.O. – Contai, Pin. 721 401  
Dist.- Purba Medinipur  
Ph. No. 03220 – 255162  
Email : [cdivision.2012@gmail.com](mailto:cdivision.2012@gmail.com)

### 3. IRRIGATION SUB-DIVISION'S COMPRISING WITH BLOCK AREA

Sl. No	Irrigation Sub-Division	Contact Officers & No.	Block
1.	Contai Irrigation Sub-Division	Sub-Divisional Officer Contai 03220-255054 Mob- 8609709062	Contai – I , III & Deshapran Block. Egra – II (East Part). Bhagwanpur – II (South Part)
2.	Egra Irrigation Sub-Division	Sub-Divisional Officer Egra 03220-244278 Mob- 9735275813	Egra – I, Patashpur-I (Gokulpur Circuit embankment), Egra - II (Western Part)
3.	Etamogra Irrigation Sub-Division	Sub-Divisional Officer Etamogra 03224-201305 Mob- 9433564056	Nandigram – I, II, Chandipur Khejuri – I & II, Bhagwanpur- I, Patashpur – II, Patashpur - I (Part) Bhagwanpur – II (Northern Part)
4.	Digha Irrigation Sub-Division	Sub-Divisional Officer Digha 03220-264504 Mob- 9836890480	Ramnagar – I & II

### 4. OPENING OF R.T. STATION :-

It has programmed that R.T. Station will be installed within 1<sup>st</sup> June, 2018 only at AMGACHIA over River Kaliaghai.

### 5. RIVER GAUGE & RAIN GAUGE :-

Daily gauge report will be communicated as usual to all concern by Fax of Phone.

#### (A) RIVER GAUGE STATION :-

Sl. No.	STATION	RIVER	P.D.L.	D.L.	E.D.L
1.	AMGACHHIA	KALIAGHAI	5.18 M	5.79 M	6.40 M
2.	SONAKONIA	SUBARNAREKHA	15.55 M	16.15 M	16.75 M

#### (B) RAIN GAUGE STATION :-

(I) CONTAI (II) DIGHA (III) AMGACHHIA (IV) ETAMOGRA

Daily rainfall data from the above station will be communicated daily to District authority along with Irrigation & Waterways Directorate Flood Cell.

#### (C) SEA GAUGE STATION :-

At **Digha** : Daily data of tidal rise and fall will be available during flood season.



## **6. WEEKLY FLOOD REPORT :-**

Weekly Flood report is to be submitted by the concern Irrigation Sub-Divisional Officers as usual following last year's procedure.

## **7. STOCK POSITION OF POLY BAGS :-**

Experienced from the previous year's some Blocks like Patashpur – I, Patashpur – II, Bhagwanpur – I, Contai – I are regularly assisted as and when required by procurement of poly bag. This year we have made arrangement of procuring Poly Bags – 10,000 Nos. at Contai Central Go-Down, 5,000 Nos. at Pawsia Irrigation Section Office at Pawsia & 5,000 Nos. at Egra. The present stock at Amgachhia 5,000 Nos., Uttarbar – 5,000 Nos.

Further procurement will be done as and when situation will demand.

## **8. HIRING OF BOATS :-**

One boat will be kept reserved at Amgachhia point in order to inspection of sites along Right Bank of Kaliaghai river during Flood Season and for any emergent duty.

## **9. SLUICE GATES AND REGULATOR :-**

Utmost care has been taken to make fit the sluice gates, oiling & greasing the Gearing arrangement in order to smooth functioning in rainy season.

## **10. REMOVAL OF CROSS BUDHS & FISHING PATTAS :-**

Cross Bundh and Fishing Pattas on river bed are a vital one which create obstruction for smooth drainage. Kind Co-operation is solicited from the local representative & the B.D.O. of the concern block and administration in order to avoid flood situation.

## **11. VULNERABLE ZONES :**

The embankment, under this Division has been damaged during flood, 2016. This year some restoration and repair work are to be taken up and expected to be completed well before the onset of monsoon, 2017.

## **12. FLOOD FIGHTING WORKS :-**

Flood fighting work will be undertaken as per rules now in vogue as and when necessary under prior intimation to District Administration after obtaining permission from Higher Official of Irrigation & Waterways Department.

In the event of any breach or any un wanting situation, report will be transmitted to the District Magistrate, Purba Medinipur, Sabhadhipati, Purba Medinipur Zilla Parishad concern Sub-Divisional Officer's & Block Development Officer's and Higher Officer of Irrigation & Waterways Department along with Central Flood Cell of Irrigation & Waterways Directorate, Jalasampad Bhawan, Salt Lake City, Kolkata - 91. Repair or closing of breach can only be taken up with prior permission of Government with written requisition from District Magistrate. And Sabhadhipati.

## **13. CONTROL ROOM & LIST OF NODAL OFFICER OF I & W DEPARTMENT AT JALASAMPAD BHAWAN :-**

Sl No.	Station	Name & Contact details of the Nodal/Co-ordinator Officer	Telephone No.		
			Office No.	Mobile No.	

1	Tamluk	<b>Anirban Bhattacharya</b> Executive Engineer East Midnapore Divn.	03228 / 266889	9433106668	
2	Contai	<b>Swapan Kumar Pandit</b> Executive Engineer Contai Irrigation Divn.	03220 / 255162	9434303934	
3	Central Flood Control Room, Jalasampad Bhawan Salt Lake City Kolkata- 700091	1. <b>Sanjay Kundu</b> Director Advance Planning Project Evaluation & Monitoring Cell	033 / 2337-0281	9432392987	
		2. <b>Tarun Saha</b> Deputy Director		9433766678	
		3. <b>Diganta Maity</b> Deputy Director		9433066850	
		4. <b>Subrata Mukherjee</b> Deputy Director	033 / 2337-0287 (Fax)	9433531436	
		5. <b>Sunil Kumar</b> Deputy Director		9433382169	

### Department of Health & Family Welfare:

#### HEALTH PROBLEMS DUE TO DISASTER:-

1. **DIRECT:-** Death , Injuries, Other bodily(physical & mental) morbidities.
2. **In-Direct:-**As a result of disruption of the basic life support activities /facilities like supply of drinking water, sewerage system, altered living condition ,other unfavorable environmental factors, such as weather etc.

*Contrary to the common belief that disasters only cause surgical problems it causes serious Medical, Psychological & Public Health Problems.*

#### RISKS COMMONLY ENCOUNTERED AFTER DISASTER WHICH ARE CONCERN FOR HEALTH AUTHORITIES:-

1. Population Displacement:-
  - a. Over crowding at new places ----Transmission of local diseases at new destination.
  - b. Health Problems specific to temporary shelters.
2. Altered population density.
3. Changes in the pre-existent levels of various diseases (on medium/long term).
4. Disruption of Basic Public Health services:-
  - a. Drinking Water Supply.
  - b. Excreta Disposal.
  - c. Shelter.
  - d. Fooding.
5. Increase Work load /work pressure on the existing Health Infrastructure (until restoration of normalcy).
6. Psychological manifestations due to loss of property, loss of life of near & dear.

#### SHORT TERM EFFECTS OF DISASTER (HEALTH RELATED):-

It varies from individual disaster to disaster & with its magnitude.

1. Deaths.
2. Minor Injuries.

3. Severe Injuries requiring extensive & specialized care for survival.
4. Increased communicable diseases. Probability rising with overcrowding, deterioration of sanitation.
5. Food Scarcity.

### **STATE GOVT. HEALTH FACILITIES**

<b>1. DISTRICT HOSPITAL</b>	<b>:</b>	<b>2</b>
<b>2. SUB DIVISIONAL HOSPITAL</b>	<b>:</b>	<b>5</b>
<b>3. RURAL HOSPITAL</b>	<b>:</b>	<b>17</b>
<b>4. B. P. H. C.</b>	<b>:</b>	<b>9</b>
<b>5. P. H. C.</b>	<b>:</b>	<b>51</b>
<b>6. SUB CENTRE</b>	<b>:</b>	<b>706</b>
<b>7. STATE GENERAL HOSPITAL</b>	<b>:</b>	<b>1</b>

<b>Sl. No.</b>	<b>Name of Hospital</b>	<b>No. of Bed</b>
1	District Hospital, Tamluk	336
2	Haldia S.D.Hospital	100
3	Contai S.D.Hospital	141
4	Egra S.D. Hospital	68
5	Digha S.D.Hospital	50

### **DISEASES TO BE MONITORED WHEN PEOPLE ARE HOUSED IN TEMPORARY SHELTERS**

<b>Sl.No.</b>	<b>Diseases.</b>	<b>Reasons.</b>
1	Diarrhoeal Diseases.	Overcrowding, poor sanitation, No safe water, no safe excreta disposal leading to water & food contamination.
2	Measles.	Overcrowding
3	Respiratory Complaints.	Shortage of beds/blankets/clothes. Poor housing conditions. Other climatic factors and associated torrential rains.
4	Malaria.	Stagnant water becoming a site for mosquito breeding. No personal protective measures for mosquito bites.
5	Meningococcal Meningitis.	Overcrowding in an area where the disease is endemic.
6	Tuberculosis.	Overcrowding ;poor housing conditions;smoke;dust etc.
7	Helminthiasis. , particularly Hookworm.	Overcrowding, poor sanitation leading to contamination of food, water.
8	Scabies.	Overcrowding, poor body hygiene, common bed & clothing.
9	Xerophthalmia.	Provoked by measles, other acute infections in young if the stay at the temporary shelter is pretty long. Inadequate nutrition.
10	Anaemia.	Malaria, Hookworm, under nutrition in cases of longer camp stay.
11	Tetanus.	Contaminated injuries in unvaccinated cases. Poor antenatal & intranatal services

### **EXPECTED HELATH HAZARDS DURING & AFTER FLOOD/WATERLOGGING:**

❑ All BMOHs to ensure the following important measures. These are :-

1. Take all preventive measures to reduce the risk of disease transmission.
2. Ensure immediate investigation of reported outbreaks & diseases.
3. Initiate control measures & evaluate ongoing sanitary & public health activities intermittently in the rescue camps & in the affected area.
4. Organise epidemiological surveillance, till normalcy established (camps withdrawn, sanitation & water supply restored etc.).

❑ BMOH should ensure that daily reporting about following few diseases is carried out & even sending of zero disease reports are to be emphasized.

1. Malaria. 2. Diarrhoeal Diseases, Cholera. 3. Respiratory Infections (especially in young age group). 4. Infective Hepatitis. 5. Typhoid Group. 6. Skin Disease (Scabies). 7. Measles. 8. Snake Bites & other Insect Bites. 9. Eye Infections. **The only other thing to be reported daily is death due to house collapse (usually confined to mud houses only).**

❑ Along with this P.H. authority at all levels should also ensure:-

1. Safe Drinking water. 2. Safe disposal of Night Soil.

❑ P.H. authority all levels should also ensure:- HEALTH AWARENESS & PERSONAL HYGIENE.

❑ **Medicines and other equipments related to disaster management are to be available at district and Block level.**

## ❑ DETAILS OF HIRED & GOVT. VEHICLES (ON ROAD)

### ❑ DEPARTMENT OF HEALTH – PURBA MEDINIPUR

#### **AT DISTRICT LEVEL**

##### **C.M.O.H. OFFICE**

Sl. No.	Vehicle No.	Govt. / Hired car; Unit / Officer to whom the vehicle is attached	Name of the Driver	Mobile No. of the Driver
1	WB/34B/7651	Govt Jeep	Manoranjan Dhar	9434991171
2	WB/02P/5502	Govt Jeep	Sk. Hashibul Ali	9800362973
3	OD/01J/3144	TATA Indigo (ECS) Hired Car	Pradip Adak	7319300280
4	WB/30B/3235	Govt Jeep	Soumen Paria	9932841412
5	WB/02A/5481	Off Road	Nimai Bisaye	9932841412
6	WB/33/ 9897	Govt. Van Large	Suresh Naek	9434803729
7	WB-02M/6294	Govt. Jeep (Disel) DTO	Piyush Roy	9474822552
8	WB/29B/0301	Bolero Pickup Van	Piyush Roy	9474822552
8	WB32/9060	Govt. Jeep	Nimai Bisaye	9679613415
9	WB/30C/4338	Govt. Jeep (Disel)	Mukul Das	9733646575
10	WB/29A/5565	Swift Dzire , Hired Car	Budhadev Samanta	8597400285
11	WB/29/4850	Ambassador, Hired Car	Sanjit Dhan	8972064426
12	WB/29/9794	Ambassador, Hired Car	Supriyo Bhattachariya	7602158903
13	WB/30/6510	Govt. Jeep	Krishnendu Samanta	9735766358

### **COMMUNICATION SYSTEM-CONTROL ROOM:**

#### **1. DISTRICT CONTROL ROOM:-**

1. Dr. Dilip Kumar Biswas, Dy. C.M.O.H.-II/M-9433200804.
2. Sri Sankar Das ; District Programme Coordinator.-9732523684
3. Mr. Prodip Mukherjee, Health Asstt.-9775193826
4. Mr. Arabinda Sarkar, Health Assistt.-9434510501
5. Mrs. Manashi Debnath, Entomologist-9433354467

6. Mr. Prithiraj Mukherjee, Epidemiologist- 9002941913
7. Mr. Saikat Kr. Kundu - Data Manager, IDSP- 9163101345
8. Mr. Malay Bera, Data Entry Operator, IDSP-9332022418
9. Mr. Nishit Pattanayak , Store Keeper, DRS (PH) 9434939798
10. Mr. Pralay Kr. Mondal, Store Keeper, DRS. 9433305884
11. Mr.Sunil Singha- G.D.A-9002758903.
12. Mr. Sudhir Chandra Manna-(Night Guard)-9475119334.

## 2. SUB DIVISIONAL LEVEL CONTROL ROOM:- (ACMOH).

### (a) TAMLUK:-

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Tarapada Dhal	ACMOH	03228-269915	9831059522	<a href="mailto:acmoh.tamluk@gmail.com">acmoh.tamluk@gmail.com</a>
2	Sri Manaj Prodhan	UDC			
3	Sri Ganesh Ch. Nayek	H.A (M)		9932309761	
4	Sri Dilip Kr.Mondal	H.A(M)		9153477309	
5	Sri Tamal Satpati	GDA		9732713905	
6	Sri Ganesh Satpati	PEON / NG			
7	Sri Kisalay Mandal	DEO		9477043910	

### (b) HALDIA:-

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Sk. Mujibor Rahman	ACMOH	03224-274108	9831134305	<a href="mailto:acmohaldia@gmail.com">acmohaldia@gmail.com</a>
2	Sri Subrata Maity	H.A.(M)		9332940491	
3	Sri Sourav Sahoo	DEO		8962719870	
4	Sri Barnali Maity	UDC		9432186790	
5	Smt. Gaitry Bhunia	GDA		9475222096	

### (c) EGRA:-

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Bibekananda Sarkar	ACMOH	03220-245708	9830511130	<a href="mailto:acmohegra@gmail.com">acmohegra@gmail.com</a>
2	Sri Ashim Bikash Das	L.D.C.		9153651875	
3	Smt. Uttam Kr Patra	DEO		9232728486	
4	Sri Dilip Kumar Giri	GDA		9932354415	

## 3. BLOCK LEVEL CONTROL ROOM:-

### TAMLUK SUB-DIVISION:

Name of the Block: Panskura-I.

Location:- Uttar Mechhogram BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Manikuntala Hazra	BMOH	(03228) 239375	7797552512	panskura.ibh fws@gmail.com
2	Dr. Bivas Khutia	M.O.		9434152205	
3	Mrs. Saswati Chakraborty	PHN		9732794349	
4	Ms. Sutapa Roy	BPHN		7384068185	
5	Sk. Jamal Uddin	UDC		9800321256	
6	Santanu Mandal	DEO		9434510417	

7	Pradip Kumar Bag	GDA		9674193088	
8	Praloy Das	HA (M)		9732527023	
9	Alpana Jana	HS (F)		9474072913	

**Name of the Block: Kolaghat.**

**Location:- Paikparai BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Shib Sankar Khan	BMOH	03228-257871	8436170068	panskura2.bhfw s.mideast@gmail l.com
2	Dr. Subrata Samanta	M.O.		9433209684	
3	Mrs. Moumita Das	BPHN		9153123493	
4	Smt. Kuheli Das	PHN		9732834858	
5	Mr. Prasanta Manna	DEO		9734338434	
6	Mr. Harakrishna Ghorai	GDA		9332046211	
7	Sulata Sarkar	HS (F)		9932785273	

**Name of the Block : Tamluk.**

**Location:- Ananatapur BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Tarapada Dhal	BMOH, Acting	03228-264210	9831059522	anantapur.bphc@gmail.c om
2	Dr. Pradipto Manna	M.O.		9475255458	
3	Smt. Dipti Dolai	BPHN		9732508652	
4	Smt. Tapati Mandal	PHN		9002467224	
5	Smt. Srabonti Pal	2 <sup>nd</sup> ANM		9474660339	
6	Somnath Ghorai	DEO		9474454124	
7	Sandip Kumar Kar	DEO		9233278756	
8	Supratim Mishra	GDA		03228-264210	
9	Prabhash Ch. Bera	HA (M)		9474403551	
10	Debashis Dutta	HI		9800458029	

**Name of the Block: Sahid Matangini.**

**Location:- Janubasan BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Arijit Roy	BMOH	03228-258997	9748978961	sdmatangini.bhfw.s.m deast@gmail.com
2	Dr. Swasti Maity	M.O.		9475428001	
3	Smt. Doli Rani Manna	BPHN		9476436460	
4	Saranan Pattanayek	UDC		9434959256	
5	Subrata Dey	DEO		9732886322	
6	Brojobasi Kola	GDA			
7	Khudirum Tudu	GDA			
8	Kajal Pandey	HS (F)		9474057575	

**Name of the Block: Nandakumar**

**Location:- Khejurberia BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Koyel Das	BMOH	03328-275197	9547574557	khejurberiabphc@gm ail.com
2	Dr. Sunanda Bayen	M.O.		8697426240	
3	Smt. Sarbani Bera	BPHN		8900691291	
4	Smt. Kalyani Mukherjee	PHN		9434437089	
5	Debasish Das	DEO		9635179405	
6	Sagarika Panda	DEO		9474757733	
7	Kalpana Maiti	GDA			
8	Anup Latua	HS(M)		9800133818	
9	Chandi Ghorai	HA (M)		9734354052	

**Name of the Block: Moyna.**

**Location:- Gar-Moyna BPHC**

Sl.	Name	Designation	Land	Mobile	e-mail
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No.			Line/FAX		
1	Dr. Ashoke Kumar Maity	B.M.O.H	03228 -260239	9732555635	<a href="mailto:movra.bhfws.mideast@gmail.com">movra.bhfws.mideast@gmail.com</a>
2	Dr. Arka Provo Nath	M.O.		8334955115	
3	Smt. Rekha Maity	PHN		9434408933	
4	Smt. Jayshree Maity	PHN		9732780071	
5	Debaprasad Mandal	DEO		9932913424	
6	Pampa Sen	DEO		9800059857	
7	Nirmal Kandar	GDA		9735535801	
8	Bomkesh Maity	HA (M)		9734801591	
9	Anima Samanta	HS (F)		9641506545	

### **HALDIA SUB-DIVISION**

**Name of the Block: Sutahata.**

**Location:- Amlat BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr.Laxmikanta Pramanik	BMOH	03224-281276	9474306468	<a href="mailto:sutahata.bhfws.mideast@gmail.com">sutahata.bhfws.mideast@gmail.com</a>
2	Dr. Atithi Ranjan Das	MO		8232910011	
3	Smt. Aparana Bhakta	PHN		9434801908	
4	Ranjit Maity	Pharmacist		9474445006	
5	Nandalal Maji	BAM		9563920455	
6	Sri Palash Panda	DEO		9232471356	
7	Sri Manik Ch.Pradhan	DEO		9474448466	
8	Debasis Khatua	GDA		9933050123	
9	Falguni Pradhan	HS (F)		9434087953	

**Name of the Block: Haldia.**

**Location:- Barghasipur BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Dibyajyoti Basu	BMOH	(03224) 205190	9830052834	<a href="mailto:Haldia.bhfws.mideast@gmail.com">Haldia.bhfws.mideast@gmail.com</a>
2	Dr. Mamata Majumdar	M.O.		9433973383	
3	Smt. Manjusri Adak	BPHN		9474616356	
4	Smt. Kakali Pramanik	Sr. PHN		9476429393	
5	Sri. Prabir Pramanik	UDC			
6	Sudeshna Pandit	DEO		9832328778	
7	Anita Ghorai	DEO		9477487381	
8	Ram Prasad Bhakta	GDA		9933487995	
9	Paritosh Manna	GDA		9474759404	
10	Pratima Bhunia	HS (F)		9434372836	
11	Tribeni Bhowmik	HA (F)		9474615635	

**Name of the Block: Mahisadal.**

**Location:- Basulia RH**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Mohanlal Ghorai	B.M.O.H.	(03224) 240243	9733093773	<a href="mailto:mahisadal.bhfws.mideast@gmail.com">mahisadal.bhfws.mideast@gmail.com</a>
2	Dr. Laly Chakraborty	M.O.			
3	Smt. Mithu Sandighna	P.H.N.		9474449204	
4	Sri Arun Patra	DEO		9800660254	
5	Sri Srikanta Manna	DEO		9734499193	
6	Sri Dilip Kumar Jana	G.D.A.		9434993385	
7	Pijush Kanti Pattanayak	HA (M)			
8	Dilip Metia	HS (M)		9474443023	

**EGRA SUB-DIVISION -****Name of the Block: Egra-I.****Location:-Ramchandrapur BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Sanjoy Narayan Dhara	BMOH	(03220) 244554	8436145624	pmuegra@gmail.com
2	Dr. Anindita Jha	M.O.	03220-219460	9434192604	
3	Smt. Malina Adak	BPHN	03220-261494	8001935561	
4	Smt. Labanna prava Jana	PHN	03220-245143	9932477112	
5	Moumita Roy	LDC		9002673766	
6	Taraknath Das	DEO		9933786057	
7	Partha Pratim Pramanik	DEO		9735362489	
8	Rekha Panda	GDA			
9	Sukumar Maity	HA (M)		9647051132	
10	Chhanda Jana	HS (F)		9933032172	

**Name of the Block : Egra-II****Location:-Gangadharbar BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Sukanta Manna	BMOH	(03220) 238178	9732681770	egra2.bhfws.mideast@gmail.com
2	Dr. Swadesh Ranjan Jana	M.O.			
3	Parbati Das	BPHN		9635407263	
4	Kakali Jana	PHN		9933752966	
5	Pankaj Das	UD.C			
6	Subhasis Maity	DEO		9932608763	
7	Anadi Nandan Roy	DEO		9933127577	
8	Premkamal Sahani	HA (M)		9933088593	
9	Aloka Das	HS (F)		9002107161	

**Name of the Block: Patashpur-I.****Location:-Gonara BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Debanjan Manna	BMOH	(03220) 249824	9734812118	patashpur1.bhfws.mideast@gmail.com
2	Dr. Swarup Ghorai	M.O.	03220-249800	9641327728	
3	Mrs. Parimal Maity	BPHN		9732634038	
4	Mrs. Abha Das	PHN		9831206364	
5	Amit Acharjee	LDC		9732192840	
6	Dipankar Maity	DEO		9735359731	
7	Susanta Kuili	DEO		9735656634	
8	Paltu Ranjan Shee	GDA		9733803526	
9	Gopa Patra	HA (F)		9733789951	
10	Tusar maity	HA (M)		9733741363	

**Name of the Block: Patashpur-II****Location:-Patashpur BPHC**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Gouranga Shil	BMOH	(03220) 242377	9434508426	patashpur2.bhfws.mideast@gmail.com
2	Dr. Kanailal Doloi	M.O.		9922182780	
3	Smt. Dipti Das	Sr. PHN		9775265991	
4	Smt. Rina Sahoo	Sr. PHN		9732725204	
5	Ajay See	L.D.C		8945899540	
6	Binay Samanta	DEO		9609050570	
7	Arup Kumar Maity	DEO		9732883498	
8	Narayan Ghorai	GDA			
9	Ashoke Singh	HA (M)		9733992725	
10	Smt. Sefali Parmanik	HS (F)		9434415426	



**Name of the Block: Bhagwanpur-I****Location:- Bhagwanpur RH.**

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Moutusi Singha	BMOH	03220 272241	9851828071	<a href="mailto:Bhagwanpur1.bhfw.s.mideas@gmail.com">Bhagwanpur1.bhfw.s.mideas@gmail.com</a>
2	Dr. Anustop Pal	M.O.		9051300189	
3	Smt. Swati Maity	BPHN		8116104805	
4	Arupnandan Maity	UDC		9732192840	
5	Susmita Maity	LDC		9735650258	
6	BAPPADITYA MONDAL	DEO		9733627243	
7	SANJIB KUMAR DAS	DEO		9732742156	
8	DEBASISH PRAMANIK	GDA		9734444 966	
9	Mr.Biswaranjan Bayen	HA (M)		9732908456	
10	Tapas Kr. Adak	HA (M)		9433531352	

**NAMES & CONTACT DETAILS OF DISTRICT LEVEL OFFICIERS, ACMOHs & BMOHs  
DISTRICT - PURBA MEDINIPUR**

<b>S l. N o .</b>	<b>Designation of the Officer</b>	<b>Name of the Official</b>	<b>Land Line</b>	<b>Mobile</b>	<b>Fax</b>	<b>E-mail</b>
1	CMOH	<b>Dr. Nital Chandra Mandal</b>	03228- 266763	963579 9228	(03228) -266530	cmoh_mdpe@wb health.gov.in
2	Dy.CMOH-I	<b>Dr. Malay Kr Patra</b>	03228- 269595	983014 3206	(03228) -266530	dycmoh1_mdpe @wbhealth.gov.i n
3	Dy.CMOH-II	<b>Dr. Dilip Kumar Diswas</b>	(03228) -266489	943320 0804	(03228) -266489	idsp_purbamedin ipur@gmail.com / dycmoh2_mdpe @wbhealth.gov.i n
4	Dy.CMOH-III	<b>Dr. Dibyendu Chakraborty</b>	(03228) -266096	943337 3360	(03228) 266096	<a href="mailto:dycmoh3_mdpe@wbhealth.gov.in">dycmoh3_mdpe @wbhealth.gov.i n</a> <a href="mailto:dycmoh3.mdpe@gmail.com">dycmoh3.mdpe@ gmail.com</a>
5	DMCHO	<b>Dr. Subhas Ch. Ghanta</b>	(03228) -266096	973260 6303	(03228) 266096	<a href="mailto:dmcho.tamluk@gmail.com">dmcho.tamluk@ gmail.com</a>
6	DTO	<b>Dr. Saikat Das</b>	(03228) -269915	987435 8961	(03228) -269915	dtowbmne@rntc p.org
7	DPHNO	<b>Smt. Sima Maity</b>	(03228) -266096	943432 0410	(03228) -266096	<a href="mailto:dphnotamluk@gmail.com">dphnotamluk@g mail.com</a>
8	Accounts Officer/Treasurer;DH&FW S	<b>Mr. Arabinda Manna</b>	03228- 266-096	915373 5351	03228 - 267369	<a href="mailto:aocmoh.tamluk@gmail.com">aocmoh.tamluk@ gmail.com</a>
9	Dist. Programme Coordinator	<b>Mr. Sankar Das</b>	03228- 270437	973252 3684	03228- 270437	dpcpurbamedinip ur@yahoo.com
10	Dist. Statistical Manager	<b>Mr. Anindya Parai.</b>	03228- 270437	943489 7640	03228- 270437	anindya.parai@g mail.com
11	ACMOH; Tamluk	<b>Dr. Tarapada Dhal</b>	03228- 266-185	983105 9522	03228- 266-185	acmoh.tamluk@g mail.com
12	ACMOH, Haldia.	<b>Dr. Sk. Muzibar Rahman</b>	03224- 274435	983113 4305	03224- 274108	acmohhaldia@g mail.com
13	ACMOH, Egra	<b>Dr. Bibekananda Sarkar</b>	03220- 245708	983051 1130	03220- 245708	acmohegra@gma il.com
14	Superintendent, District Hospital, Tamluk.	<b>Dr. Gopal Das</b>	03228- 263-209		03228- 263-209	<a href="mailto:tamlukdhospital@gmail.com">tamlukdhospital @gmail.com</a>
15	Asst. Superintendent, District Hospital, Tamluk.	<b>Mr. Dilip Giri Goswami</b>		973377 8579		
16	Superintendent Haldia S.D. Hospital.	<b>Dr. Sumana Dasgupta</b>	(03224) -278112	<b>983083 9314</b>	(03224) -278112	haldiasdh@gmail .com
17	Superintendent Egra Hospital.	<b>Dr. Gopal Gupta</b>	(03220) -244220	798065 3633	(03220) -244220	<a href="mailto:egrasdhospital@gmail.com">egrasdhospital@ gmail.com</a>

<b>S l. N o .</b>	<b>Name of the Block</b>	<b>Name of the RH/BP HC</b>	<b>Name of the Official</b>	<b>Land Line</b>	<b>Mobile</b>	<b>Fax</b>	<b>e-mail</b>
1	Panskura – I	U. Mechogram	<b>Dr. Manikuntala Hazra</b>	03228-239375	7797552512	03228-239375	<a href="mailto:panskura.ibhfw@gmail.com">panskura.ibhfw@gmail.com</a>
2	Kolaghat	Paikpari	<b>Dr. Shib Sankar Khan</b>	(03228)-256238	8436170068	(03228)-256238	<a href="mailto:paskura2.bhfw.mideast@gmail.com">paskura2.bhfw.mideast@gmail.com</a>
3	Tamluk	Anantapur	<b>Dr. Tarapada Dhal</b>	(03228)-264210	9831059522	(03228)-264210	<a href="mailto:anantapur.bphc@gmail.com">anantapur.bphc@gmail.com</a>
4	S. Matangini	Janubasan	<b>Dr. Arijit Roy</b>	(03228)-258211	9748978961	(03228)-258211	<a href="mailto:sdmatangini.bhfw.mideast@gmail.com">sdmatangini.bhfw.mideast@gmail.com</a>
5	Nandakumar	Khejuria	<b>Dr. Koyel Das</b>	(03228)-275251	9547574557	(03228)-275251	<a href="mailto:khejurberiabphc@gmail.com">khejurberiabphc@gmail.com</a>
6	Moyna	Gar – Moyna	<b>Dr. Ashoke Kr Maity</b>	(03228)-260239	9732555635	(03228)-260239	<a href="mailto:Moyna.bhfw.mideast@gmail.com">Moyna.bhfw.mideast@gmail.com</a>
7	Sutahata	Amlat	<b>Dr. Laxmikanta Pramanik</b>	(03224)-281276	9474306468	(03224)-281276	<a href="mailto:sutahata.bhfw.mideast@gmail.com">sutahata.bhfw.mideast@gmail.com</a>
8	Haldia	Barghasipur	<b>Dr Dibyajyoti Basu</b>	(03224)-205190	9830052834	(03224)-205190	<a href="mailto:haldia.bhfw.mideast@gmail.com">haldia.bhfw.mideast@gmail.com</a>
9	Mahishadal	Basulia RH	<b>Dr. Mahanlal Ghorai</b>	(03224)-240243	9348943791	(03224)-242087	<a href="mailto:Mahishadal.bhfw.mideast@gmail.com">Mahishadal.bhfw.mideast@gmail.com</a>
10	Egra – I	Egra SD	<b>Dr. Sanjoy Narayan Dhara</b>	(03220)-244220	8436145624	(03220)-244554	<a href="mailto:pmuegra@gmail.com">pmuegra@gmail.com</a>
11	Egra – II	Gangadharbar	<b>Dr. Sukanta Manna</b>	(03220)-238178	9732681770	(03220)-238178	<a href="mailto:egra2.bhfw.mideast@gmail.com">egra2.bhfw.mideast@gmail.com</a>
12	Patashpur – I	Gonara	<b>Dr. Debanjan Manna</b>	(03220)-249824	9734812118	(03220)-249824	<a href="mailto:patashpur1.bhfw.mideast@gmail.com">patashpur1.bhfw.mideast@gmail.com</a>
13	Patashpur – II	Patashpur	<b>Dr. Gouranga Shil</b>	(03220)-242377	9434508426	(03220)-242377	<a href="mailto:patashpur2.bhfw.mideast@gmail.com">patashpur2.bhfw.mideast@gmail.com</a>
14	Bhagwanpur - I	Bhagwanpur RH	<b>Dr. Moutusi Singha</b>	(03220)-272241	9851828071	(03220)-272241	<a href="mailto:bhagwanpur1.bhfw.mideast@gmail.com">bhagwanpur1.bhfw.mideast@gmail.com</a>

**COMMUNICATION SYSTEM-CONTROL ROOM(Nandigram Division)**

4. DISTRICT CONTROL ROOM:-

1. Dr. Samudra Sengupta, Dy. C.M.O.H.-II/M-9830836996.
2. Sri Dipak Khatua.- Health Assistt 9733775459
3. Sri Amrit Jana, GDA: 9733849266
4. Sri Sachipada Das, Phramacists RNTCP district Store 9734581805

5. SUB DIVISIONAL LEVEL CONTROL ROOM:- (ACMOH).

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr.Chandra Sekher Maiti	ACMOH	03220-255305	9830838879	<a href="mailto:acmohcontai@gmail.com">acmohcontai@gmail.com</a>
2	Sri Mahadev Jana	H.I.		9434712451	
3	Sri Tapan Sahoo	H.A. (M)		9434392450	
4	Sri Subir Mondal	DEO		9564247142	
5	Sastipada Roy	GDA			

6. Name of the Block:Chandipur.

Location:- Erasal BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Rana Dam	BMOH	03228-272250	9800145807	<a href="mailto:chandipur.health@gmail.com">chandipur.health@gmail.com</a>
2	Dr. Priyanka Mallick	M.O.		9831727878	
3	Tapati Das	BPHN		9407363535	
4	Rita Sahoo	PHN		9933514304	
5	Mrinal Kanti Bag	DEO		9733576018	
6	Rajsekhar Maji	DEO		9800284334	
7	Asish kr. Das	GDA			
8	Pradip Pradhan	HA (M)		9564218131	
9	Kalikinkar Chakraborty	Actn BSI		9434508003	
10	Binapani Tripathi	HS (F)		9732614241	
11	Monoranjan Mondal	Pharmacist			

**HALDIA SUB-DIVISION**

Name of the Block : Nandigram-I.

Location:- Nandigram BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Pabitra Kr. Haldar	BMOH	(03224) 232611	9635252615	<a href="mailto:nandigram.bphc@gmail.com">nandigram.bphc@gmail.com</a>
2	Dr. Chinmoy Hudait	M.O.		9433259455	
3	Smt. Khukurani Manna	BPHN		9732871289	
4	Samina Aktar Banu	PHN		9800327405	
5	Poly Parua	UDC		9564432326	
6	Rabisankar Sasmal	DEO		9432113239	
7	Swagata Mondal	DEO		9434804887	
8	Kader Ali Khan	GDA			
9	Tapas Barik	Act BSI		9434803710	

Name of the Block : Nandigram-II.

Location:- Reapara RH.

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
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1	Dr. Sk. Nayazur Rahman	BMOH	03224-271231	9830578883	rrhndi@gmail.com
2	Dr. Ramala Hansda	M.O.			
3	Madhumita Mollick	BPHN		9475427428	
4	Smt. Sibani Mandal	PHN		8670362767	
5	Sri Santanu Ku. Giri	DEO			
6	Sri Dipankar Das	DEO		9434394375	
7	Sasadhar Pradhan	GDA		9735730879	
8	Sankar Maiti	GDA		993156068	
9	Sabir Ali Khan	Actn BSI		9733826237	
10	Siladittya Maity	Pharmacist		9732894012	

Name of the Block : Contai-I.

Location:- Majna BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Arup Ratan Karan	BMOH	03220-251018	9434192604	majnabphc@sify.com
2	Dr. Prasenjit Chandra	M.O.		9434688834	
3	Smt. Zhilam Tewari	BPHN		9434842040	
4	Smt. Manimala Pariari	PHN		9434300300	
5	Anuradha Bera	LDC		9547071174	
6	Rajib Mahapatra	DEO		9233689712	
7	Shantanu Nayak	DEO		9732503523	
8	Bhudev Bhattacharya	GDA			
9	Sibsankar Mishra	GDA			
10	Swapan Samanta	Act BSI		9800221287	
11	Chinmoyee Das	HS (F)			

Name of the Block : Desapran

Location:- Basantia BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Partha Pratim Patra	BMOH	(03220) 253790	9732575474	<a href="mailto:basantiabphc@gmail.com">basantiabphc@gmail.com</a>
2	Dr. Dipak Kumar Maity	M.O.			
4	Sephali Ghosh	BPHN		9153738014	
5	Sujata Datta	LDC			
6	Mr. Pratip Karmakar	DEO		9732648505	
7	Mr. Biswanath Manna	DEO		9800740978	
8	Mr. Sukumar Majhi	GDA		9002704716	
10	Mr. Sarup Kumar panda	Act BSI		9775033801	
11	Mr. Kanchan Dutta	HS (M)		9733803199	

Name of the Block: Contai-III.

Location:- Kharipukhuria BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Bikram Panda	BMOH	03220 250232	9339760363	pmucontaiiii@yahoo.co.in
2	Dr. Prodip Das	M.O.		9734853746	
3	Smt. Atoshi	PHN		9800073953	

	Chaterjee				
4	Jaya Siddhanta	UDC		9932504225	
5	Debdulal Jana	Pharmacis t		9153123604	
6	Dipu Pradhan	DEO		9734358982	
7	Krishanu Sasmal	DEO		9153078448	
8	Mukti Maity	HS (F)		9734358860	
9	Anjali Jana	HS (F)		9635785464	
10	Uma Deb	HS (F)		8900015175	
11	Aloy Chandan Maity	HA (M)		9474975512	
12	Rahed Hossain	Actn BSI		9474711934	
13	Raja Madhai	HA (M)		9563101299	
14	Satyabrata Maity	GDA		9735323649	

Name of the Block : Khajuri-I.

Location:- Kamarda BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Sumitra Jana	BMOH	(03220) 280076	9434943200	kamarda_bphc@rediffmail.com
2	Dr. Subrata Hazra	M.O.		9434943204	
3	Smt. Kuntala Pal	BPHN		9434484441	
4	Gangadhar Maity	UDC		9733576258	
5	Shantanu Mukherje	DEO		9635804938	
6	Subhankar Das	DEO		9609297927	
7	Sukhdeb Jana	GDA		9735547679	
8	Asoke Maity	GDA		8670214472	
9	Jadav Giri	HA (M)		9733818085	
10	Manasi Shao	HS (F)			
11	Gaurhari Manna	Pharmacist		9679707078	

Name of the Block: Khejuri-II

Location:- Sillaberia BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Manas kanti Haldar	BMOH	(03220) 282448	9434687710	sillyaberiabphc@rediffmail.com
2	Dr. Sudarshan Mondal	M.O.			
3	Minati Chakraborty	BPHN		8972422871	
4	Papia Bera (Hazra)	PHN		7872473345	
5	Suomen Shasmal	UDC		9732555692	
6	Sk. Taimul Haq	DEO		9332582081	
7	Bidyut Samanta	DEO		9732579166	
8	Banabehari Das	GDA		9733572163	
9	Sucheta Das	HA (F)			
10	MrAshim Kr. Singha	Act BSI		9564236972	

Name of the Block : Bhagwanpur-II.

Location:- B.Mugberia BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Rabindra nath Jana	BMOH	(03220) 270237	9733065318	bmoh_mugberia@yahoo.co.in
2	Dr.Srabani Panigrahi	M.O.		9433247342	
3	Dr. Soumendu Khatua	Ayush MO		8013965772	
4	Pravabati Pradhan	PHN		9800503362	
5	Paramita Roy	PHN		9732696989	

6	Ashok Kumar Pandit	UDC		8016547203	
7	Aloke Maity	BAM		9733818089	
8	Apurba Pramanik	DEO		9932136663	
9	Aloke Panda	LDC		9635090249	
10	Purnendu sekhar bharati	GDA		9734438343	
11	Swadesh Rath	Act BSI		9733991590	
12	Kishore kr maity	HA (M)		8016102020	

Name of the Block : Ramnagar-I.

Location:- Digha A.K.BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Purnendu Bala	BMOH	(03220) 266260	9800190610	ramnagar1.bhfw.s.mideast@gmail.com
2	Dr. Prasanta Kumar Jana	M.O.			
3	Arpita Jana	BPHN		9830879669	
4	Subrata Kuili	DEO		9775208981	
5	Chandrakanta Roul	DEO		9735589837	
6	Swapn Ghorai	GDA		9735608393	
7	Suwendu jana	Act BSI		9593114133	
8	Rina Pradhan	HS (F)		9434139110	
9	Sougata Pradhan	Pharmacist		9433834582	

Name of the Block : Ramnagar-II.

Location:- Bararankua BPHC

Sl. No.	Name	Designation	Land Line/FAX	Mobile	e-mail
1	Dr. Manas Kumar Mandal	BMOH	03220-264222	9851346611	ramnagar2.bhfw.s.purba medinipur@gmail.com
2	Dr. Saumik Niogi	M.O.		9830132660	
3	Uma Das	BPHN		7044963477	
4	Narayan Ch. Barman	Pharmacist		9474617356	
5	Snehashish Kumar	DEO		9153159979	
6	Tapas Maity	DEO		9800562004	
7	Utpalendu Swar	GDA		9732632402	
8	Tapas jana	Act BSI		9434930804	
9	Mrinmoyee Maity	HA (F)		9734387025	

## Department Agricultural

The possibility of Flood at any time will not be ignored for taking rapid action towards the post flood situation, an appropriate contingent plan of work will have to be taken in the affected areas of this district. The contingent planning to combat the flood situation depends upon the intensity of damage and time of occurrence. The major part of the contingent planning in Agril. Sector is generally emphasized in post occurrence period for compensating the yield loss.

However, the followings are an out time of the contingent plan proposed to be taken in different situation in this district.

### A) Precautionary measures to be followed to overcome the adverse effects of flood:

#### a) Early Occurrence of Flood in between Mid July to Mid August.

Type of Flood	Time of Occurrence	Work to be done
Early Season	Mid July to Mid August	a)Sowing of Aman Seedbed should be done in a staggered manner.

		b) Farmers are to be requested for keeping their own seeds up to 20% extra.
		c) Raising of seedling through dapak method will have to be followed with short duration variety.
		d) Preservation of extra Aman seedbed which is to be sown late in a staggered manner in each Govt. farms alongwith reservation of 10% suitable H.Y.Varieties are to be ascertained.
		e) For quick drainage of flood water local barriers on drainage channel should be removed.
		f) Farmers of flood prone blocks like Panskura, Kolaghat, SM, Tamluk, Moyna, Bhagwanpur-I&II, Patashpur-I&II, Egra-II etc. may be advised not to dispose their surplus seedlings till August.
		g) For better management at least 25 resource farmers in each G.P. of flood prone blocks are to be identified well ahead with suitable variety and quantity so that the seed for sowing may be available if required.

**b). OCCURRENCE OF FLOOD AT THE END OF AUGUST.**

Mid Season	End of August	a) Aged long duration varieties may be used for retransplanting of Aman Paddy.
		b) Surplus seedlings may be collected from neighbouring locality.
		c) Double transplanting method adopted by splitting from the main field.

**c). OCCURRENCE OF FLOOD WITHIN MID SEPTEMBER.**

Late Season	Within Mid September	a) Farmers of flood prone area are to be advised to keep their surplus seedbed specially of Annada, Parijat, IET-4094 etc. and tall indica varieties up to Mid Sept. so that they can utilize the same if flood occurs during that period.
		b) Arrangement for distribution of fert. Kit for boosting up the growth within short span of time for getting satisfactory yield.
		c) Farmers of flood prone area are to be advised to plan for intensive Rabi & Summer Cropping programme.
		d) Requiring for certified Seed are to be placed to seed supplying agency well



		ahead for better achievement of Rabi-Programme
		e) Assessment of quality seeds of different Rabi Minikits are to be made and to be taken up with the Deptt. for early supply.
		f) Asst.D.A(F)/AFM will inform the undersigned and concerned Asst.D.A(Admn.) about present stock of paddy straw, so that it can be utilized on requisition by A.R.Deptt. during post flood situation

### **Requisition of Agril. Inputs for Re-Construction Programme**

On the basis of past experience, it is proposed that the following item of Inputs may be reserved for Rabi & Summer Season during the year 2018-19.

Sl.No.	Particulars	Requisition in Nos/Qnty.	Action to be taken
1	a) Paddy minikits@ 10 kg.each b) Fert.(NPK) Minikits @ 10 kg. each c) Paddy seed on subsidy	100000 nos. 100000 nos 300 MT	Deptt of Agril. & Zilla Parisad.
2	Mustard Minikits @ 1 kg each	10,000 nos	-do-
3	Khesari Minikits @ 6 kg each	15,000 nos	-do-
4	Kalai Minikits @ 4 Kg. each	10000 nos	-do-
5	Sunflower Minikits @ 1 kg each	10000 nos	-do-
6	Wheat Minikits @ 15 kg. each	2000 nos	-do-
7	Groundnut Minikits @ 15 Kg.each	20000 nos	-do-
8	Moong Minikits @ 4 kg. each	10000 nos	-do-

N.B. :- 1) Concerned G.P. Pradhan at River Belt and Costal Area are to be requested to keep their vigilance and exercise over the control of sluice gates, removal of obstrucles etc. at drainage channels to restrict the ingresssion of tidal water and for drainage of stagnant water both during heavy rainfall period.

2) In addition to above contingent planning Asst.D.A(Admn.)/Asst.D.A(Block) will have to draw up adoptable plan to combat the situation in case of emergency and will send to the undersigned for taking action.

3) Any incident of flood or flood like situation in any pocket or area must be forthwith be reported to the undersigned promptly.

4) Apprehended flood prone blocks like Moyna ,Panskura, Kolaghat, Sahid Matangini, Bhagwanpur-I&II, Patashpur-I&II, Egra-I&II & Part of Tamluk and Nandakumar etc.

Concerned Department Officers are requested to be alert for the incidence if occured

**B) Precautionary measures to be followed to overcome the adverse effects of Drought:**

To make preparedness effective at the grass root level, a joint monitoring of ground situation in the month of May, by the District level Officers of Department of Agriculture, Irrigation & Waterways & WRI&D are to be made to find out the irrigation water availability from all Major, Medium & Minor Irrigation sources of that particular areas, quantifying it at the block level, documenting the entire report & finally fortnight monitoring of the situation.

<b>Type of Drought</b>	<b>Time of Occurrence</b>	<b>Actions to be taken</b>
Early season	June to 1 <sup>st</sup> week of July	<p>I) To harvest the runoff water, more number of surface water harvesting structures like pond, dug well etc. are to be excavated &amp; water harvesting structures at lower elevation following Land Shaping Model of Pond within individual holding can be followed.</p> <p>II) Construction of earthen bunds around the individual plot to harvest runoff water.</p> <p>III) Compulsory application of organic manure at recommended does to improve the water holding capacity of the soil to combat adverse effects of drought in a better way.</p> <p>IV) Preparation of Community Seedbed of rice seedlings near common source of water body i.e. pond, dug well etc. &amp; earmark at least 10% area under each block at least a month before normal Seedbed preparation of Rice, suitable for this community Seedbed.</p> <p>V) Staggered sowing of rice seed in Seedbed at 10 days interval.</p> <p>VI) Double transplanting of medium to long duration rice varieties to avoid the drought time in the main field.</p> <p>VII) Application of 50% Nitrogen as basal does &amp; closer spacing with higher number of seedlings per hill are to be practiced.</p> <p>VIII) Direct seedling of rice through Zero/Minimal Tillage machine as per recommendation.</p> <p>IX) In upland areas cultivation of Arhar, Black Gram, Groundnut &amp; Maize &amp; Mixed Crop of Maize &amp; Arhar are the better crop options.</p>
Mid season	Rest of July	<p>I) To harvest the runoff water, more number of surface water harvesting structures like pond dug well etc. are to be excavated &amp; water harvesting structures at lower elevation following Land Shaping Model of Pond within individual holding can be followed.</p> <p>II) Construction of earthen bunds around the individual plot to harvest runoff water.</p> <p>III) Compulsory application of organic manure at recommended does to improve the water holding capacity of the soil to combat adverse effects of drought in a better way.</p> <p>IV) Preparation of Community Seedbed of rice seedlings near common source of water body i.e. pond, dug well etc. &amp; earmark at least 10% area under each block at least a month</p>

		<p>before normal Seedbed preparation of Rice, suitable for this community Seedbed.</p> <p>V) Staggered sowing of rice seed in Seedbed at 7 days interval.</p> <p>VI) Double transplanting of medium to long duration rice varieties to avoid the drought time in the main field.</p> <p>VII) It is recommended to practice mechanical weeding in rice field under this situation &amp; use the uprooted biomass of weeds as soil mulch or use other mulching materials like straw in the rice field to conserve soil moisture. Not only that, due to soil pulverization through mechanical weeding, the soil capillary tubes are broken resulting in further reduction of evaporation loss of soil moisture coming from the ground water through capillary rise.</p> <p>VIII) It is also recommended no to apply nitrogenous fertilizers in the soil during this dry period to avoid the higher growth of weeds. However, depending upon the crop growth, foliar spray of either DAP or Urea @ 1-2% may be applied at the critical growth stages of the crop, to combat the adverse weather condition.</p>
Late season	August	<p>I) To harvest the runoff water, more number of surface water harvesting structures like pond dug well etc. are to be excavated &amp; water harvesting structures at lower elevation following Land Shaping Model of Pond within individual holding can be followed.</p> <p>II) Construction of earthen bunds around the individual plot to harvest runoff water.</p> <p>III) Compulsory application of organic manure at recommended dose to improve the water holding capacity of the soil to combat adverse effects of drought in a better way.</p> <p>IV) Double transplanting of medium to long duration rice varieties to avoid the drought time in the main field.</p> <p>V) It is recommended to practice mechanical weeding in rice field under this situation &amp; use the uprooted biomass of weeds as soil mulch or use other mulching materials like straw in the rice field to conserve soil moisture. Not only that, due to soil pulverization through mechanical weeding, the soil capillary tubes are broken resulting in further reduction of evaporation loss of soil moisture coming from the ground water through capillary rise.</p> <p>VI) It is also recommended no to apply nitrogenous fertilizers in the soil during this dry period to avoid the higher growth of weeds. However, depending upon the crop growth, foliar spray of either DAP or Urea @ 1-2% may be applied at the critical growth stages of the crop, to combat the adverse weather condition.</p>

**Farm Production & Reservation to combat the flood situation of Purba Medinipur Dist.**

Name of Farm	Production(2017-18)		Reservation for contingency Planning (2018-19)	
	Paddy Seed(MT)	Straw(MT)	Paddy Seed (MT)	Straw up to Oct,2018 (M.T.)
Panskura-BSF	7.5	8.0	2.5	3.0
Nandigram SARF	4.5	5.0	2.0	2.0
Kanthi SARF	9.9	10.0	3.0	3.0
Egra-I BSF	4.5	5.0	2.0	2.0
Potashpur BSF	11.9	11.0	3.0	3.0
Bhagwanpur-II BSF	13.6	13.0	3.5	3.0
Total:-	51.9	52.0	16.0	16.0

**The Flood /Drought Control Unit of Agril. Deptt.will function through Telephone from occurrence of calamity upto reconstruction programme from District level to Block level. Of Purba Medinipur District.**

District/ Sub-Division/Block	Phone No.	Mobile No.	Email
DDA ( Admn.)Purba Medinipur	03228-266052	9474447786	<a href="mailto:ddapurbamedinipur@gmail.com">ddapurbamedinipur@gmail.com</a>
Assistant Director of Agriculture ( Admn.)Tamluk	032228-263009	9474066728	<a href="mailto:adaadmntamluk@gmail.com">adaadmntamluk@gmail.com</a>
Assistant Director of Agriculture ( Admn.)Kanthi	03220-255077	9732753127	<a href="mailto:ada.adma.kanthi@gmail.com">ada.adma.kanthi@gmail.com</a>
Assistant Director of Agriculture ( Admn.)Egra	03220-245703	9732752837	<a href="mailto:adaadmnegra@rediffmail.com">adaadmnegra@rediffmail.com</a>
Assistant Director of Agriculture Tamluk	03228-264278	9083253235	<a href="mailto:adatamluk@gmail.com">adatamluk@gmail.com</a>
Assistant Director of Agriculture Sahid Matangini	03228-258962	9083253236	<a href="mailto:ada.smblock@gmail.com">ada.smblock@gmail.com</a>
Assistant Director of Agriculture Panskura	03228-253825	9083253237	<a href="mailto:adapanskura@gmail.com">adapanskura@gmail.com</a>
Assistant Director of Agriculture Kokaghat	03228-257993	9083253218	<a href="mailto:adakolaghat@gmail.com">adakolaghat@gmail.com</a>
Assistant Director of Agriculture Nandakumar	03228-276401	9083253233	<a href="mailto:adandk004@gmail.com">adandk004@gmail.com</a>
Assistant Director of Agriculture Chandipur	03228-272383	9083253219	<a href="mailto:adachandipur@gmail.com">adachandipur@gmail.com</a>
Assistant Director of Agriculture Moyna	03228-260030	9564353354	<a href="mailto:adamoyna@gmail.com">adamoyna@gmail.com</a>
Assistant Director of Agriculture Mahisadal	03224-242183	9083253234	<a href="mailto:ada.mahisadal@gmail.com">ada.mahisadal@gmail.com</a>
Assistant Director of Agriculture Sutamata	03224-281468	9083253215	<a href="mailto:adasutamata@gmail.com">adasutamata@gmail.com</a>
Assistant Director of Agriculture Haldia	03224-284029	9083253217	<a href="mailto:amalansarkar@gmail.com">amalansarkar@gmail.com</a>
Assistant Director of Agriculture Nandigram-I	03224-232287	7872692214	<a href="mailto:adanandigram1@gmail.com">adanandigram1@gmail.com</a>
Assistant Director of Agriculture Nandigram-II	03224-271276	9083253232	<a href="mailto:adanandigram2@gmail.com">adanandigram2@gmail.com</a>
Assistant Director of Agriculture Kanthi-I	03220-255884	9083253223	<a href="mailto:adakanthione@gmail.com">adakanthione@gmail.com</a>
Assistant Director of Agriculture Kanthi-II	03220-253642	9564936146	<a href="mailto:adadeshapran@gmail.com">adadeshapran@gmail.com</a>
Assistant Director of Agriculture Kanthi-III	03220-250914	9083253225	<a href="mailto:adacontaithree@gmail.com">adacontaithree@gmail.com</a>
Assistant Director of Agriculture Ramnagar-I	03220-265385	9083253220	<a href="mailto:barmantuhin@gmail.com">barmantuhin@gmail.com</a>
Assistant Director of Agriculture Ramnagar-II	03220-265309	9083253221	<a href="mailto:asstdaram2@gmail.com">asstdaram2@gmail.com</a>
Assistant Director of Agriculture Bhagwanpur-II	03220-270016	9083253228	<a href="mailto:adabhagwanpur2@gmail.com">adabhagwanpur2@gmail.com</a>
Assistant Director of Agriculture Khejuri-I	03220-280385	9083253226	<a href="mailto:adakhejuri1@gmail.com">adakhejuri1@gmail.com</a>
Assistant Director of Agriculture Khejuri-II		9083253226	<a href="mailto:adakhejuri2@gmail.com">adakhejuri2@gmail.com</a>
Assistant Director of Agriculture Bhagwanpur-I	03220-274805	9083253227	<a href="mailto:adabhag1blockpurbamedinipur@gmail.com">adabhag1blockpurbamedinipur@gmail.com</a>
Assistant Director of Agriculture Egra-I	03220-244525	9083253229	<a href="mailto:adaegra1@gmail.com">adaegra1@gmail.com</a>
Assistant Director of Agriculture Egra-II	03220-231576	9083253230	<a href="mailto:adaegra22@rediffmail.com">adaegra22@rediffmail.com</a>
Assistant Director of Agriculture Potashpur-I	03220-243800	8759377618	<a href="mailto:adapatashpur@rediffmail.com">adapatashpur@rediffmail.com</a>
Assistant Director of Agriculture Potashpur-II		8759377618	<a href="mailto:adapatashpur2@gmail.com">adapatashpur2@gmail.com</a>

## Department of Animal Resource Husbandry:

Natural calamities like cyclone and flood are common in Purba Medinipur District. Some Blocks of this district are flood prone whereas some Blocks are prone to waterlogged during heavy rains.

Considering the above facts, the action Plan in respect of Animal Resources may be divided in three phases:-

- A. Preparedness in anticipation.
- B. Immediate Action
- C. Post calamity action

### A. Preparedness in anticipation:-

- i) In advance action plan to keep all the Departmental staff and Prani Bandhus are being alert before the onset of the season and subsequent deployment of the Departmental staff in the eventually should be made on necessity.
- ii) The essential inputs like medicine, vaccine etc. to save the affected Livestock are being placed to the B.L.D.O. for restoration of health work in the flood prone area of concern block.
- iii) Animals in endemic zone of flood prone area are to be vaccinated against different bacterial and viral diseases like Anthrax, Hemorrhagic Septicaemia, Black Quarter, Ranikhet Disease, Fowl Cholera etc.
- iv) B.L.D.O.s are instructed for identification of vulnerable areas and Livestock shelters in consultation with Panchayet Samity.
- v) Arrangement is being made for opening the control room at Sub-Division/ Block Level. The Veterinary team to be kept ready to proceed promptly along with medicines.
- vi) The Principal Agriculture Officer of this district and Feed Milling Plant, Salboni to be requested to keep reserve stock of Paddy straw and concentrate cattle feed respectively for anticipated natural calamity.
- vii) District Administrative Authority and Panchayet functionaries at various level to be contacted in regular manner to have updated information for calamities and guideline to aware the farmers.
- viii) Arrangement is being made for Annual supply of Medicine including Life Saving drugs from District Reserve Store, Tamluk.
- ix) Arrangement is being made promptly for storing and supply of vaccines.

### B. Immediate action on face of calamity:-

- i) Opening of Control room at District/ Sub-Division/Block Level.
- ii) Assess the requirement of feed and fodder, medicines, vaccines and communicate the same to the Dist. H.Q. from Block and to the Directorate from Dist. H.Q. accordingly.
- iii) In the face of calamities Animal Health Camps to be opened immediately at the affected area nearest the temporary shelters of Livestock with medicines and vaccines and assessments are to be made for loss.
- iv) Information flow should be as follows-
  - i) L.D.A. of A.D.A.C. → Vety. Officer → B.L.D.O. → B.D.O. / Dist. H.Q.
  - ii) Veterinary Officer → B.L.D.O. → B.D.O. / Dist. H.Q.
  - iii) V.O. Dist.Vety. Hospital, Tamluk, V.O. S.A.H.C./ Contai/ Egra & B.L.D.O. Haldia for Sub-Div. level → S.D.O./ Dist. H.Q.
  - iv) Dist. H.Q. → Sabhadhipati / D.M./ D.A.H. & V.S.
- v) Arrangements of need based relief materials for the affected Livestock with the help of local administration and Panchayet.
- vi) Intimation to remove carcasses and for technical guidance to the removal team of Civil Defence organization/ Panchayet Bodies.
- vii) Arrangement to be made from District Reserve Store for supply of Life Saving Drugs from the stock of Reserve Store to the affected area on the basis of demand.
- viii) Arrangement to be made for supply of green fodder from the District Composite Farm, Contai/ Salboni.
- ix) **Need of help of other dept.**-Boat and vehicles if required by the B.L.D.O. may be provided by the block or district administration for health camp work in flood area.

C. Post calamity action-

- i) Economic rehabilitation of affected Livestock farmers with small units of Poultry, Goatery, Piggery, Dairy with consultation of Panchayet Samity may be provided immediately after calamity.
- ii) Model Livestock Scheme to be implemented in consultation with Panchayet.

**Control Room status in face of Natural Calamity at District Level & in the field levels:-**

<b><i>District Level</i></b>	<b><i>Sub-Division Level (Tamluk)</i></b> <b><i>At Dist. Vety. Hospital, Tamluk</i></b>	<b><i>Block Level</i></b>
1) Dr. Ajit Kumar Sinhababu. D.D. A.R.D. & P.O. Mob:7604010038	1) Dr. Goutam Samanta V.O. Dist. Vety. Hospital,Tamluk. M - 9830731633	1) B.L.D.O. 2) V.O., B.A.H.C. 3) V.O., ABAHC if any 4) Vety Field Supervisor if any 5) Vety. Pharmacist if any 6) Livestock Dev. Asstt., BAHC  N.B. - List of phone no of B.L.D.O.s & V.O.s are enclosed herewith. B.L.D.O.s are requested to keep the phone No. of concerned L.D.A. & Vety Pharmacists and Prani Bandhu , Prani Mitra & Prani Sebee.
2) Dr.Pradip Kumar Panja. District Veterinary Officer, Mob;-7604010551.	2) Sri Dipak Kumar Panda, Vety. Pharmacist,M - 9475158621	
3) Dr. Lakshman Ch. Maity, .A.D. A.R. D.(Epidemic Unit) Mob.9434228591.	3) Sri Arabinda Panja Peon, M: 9733695683	
4) Dr. Debashis Das A.D.ARD (VR&I), M:9932597493	<b><i>Sub-Division Level (Contai)</i></b> <b><i>At S.A.H.C. Contai</i></b>	
5) Dr. Apurba Dinda. A.D. A.R.D.(Vety.) M-9434194716	1) Dr. Debasish Pahari V.O., S.A.H.C., Contai O – 03220-255134 M - 9434806165	
6) Dr. Dipnarayan Ray A.S.L.(H.Q.) M:9434203503		
7) Dr. Abilash Chattopadhyay, ADARD (C&DD)	2) Dr. Bishnupada Manna, A.D. (VR&I), Contai M - 9434154681	
8) Sri Siba Prasad Giri, AD,ARD(Admin.) M:9474435448	3) Sri Sukanta Adhikary, Vety. Pharmacist, S.A.H.C., Contai, M:8016023423	
9) Sri Achin kumar Majhi,ADARD,(S.A) M:9434567059		
10) Sri Gouranga Maity. A.S.L. (H.Q.) Mob;- 9474069290 .		
11) Sri Subrata Das A.S.L. .(H.Q.) Mob,-9734709634	<b><i>Sub-Division Level (Egra)</i></b> <b><i>At S.A.H.C. Egra</i></b>	
12) Sri Sudip Chakravarty. A.S.L (H.Q.) M.-9433368917.	1) Dr. Mousumi Murmu, V.O. S.A.H.C. , Egra Mob,-9748722883.	
13) Sri Chandan Kumar Pramanik. A.S.L. 9932228524	2) Vety. Pharmacist	
14) Sri Bikram Gurung H.C. Mob;- 9874757316	3) Sri Tarashankar Shaw, Sweeper cum night watchman, M: 9732840546	
15.) Sri Amitava Samanta. H.C. Mob-9547603343		
16) Smt. Bithika Maiti, H.C Mob. 9434243873	<b><i>Sub-Division Level (Haldia)</i></b> <b><i>At B.L.D.O. Haldia Office</i></b>	
17) Lakshmi Kanta Roy,UDC Mob-9903579406		
18) Sri Dipankar Das , UDC, Mob. 9474378240	1) Dr. Amal kumar Ghorai, B.L.D.O. Haldia M -7604010562	
19) Sri Sankar Manna F.W.A. Mob.- 9434417488	2) Dr. Ajit Samanta, B.L.D.O., Sutahata, M – 7604010577	
20) Smt . Piyali Maity Peon. Mob;- 9874677703	3) Dr. Binoy Ghanta, V.O.,Sutahata, Mob No. 9434714201 4)Dr. Piu Pal, V.O. Mob No;- 9231832475. 5) LDA, Sutahata M:9474088954	

21) Sri Bikash Soren. Peon. Mob;- 9800273952		
<b>Carcass disposal team in each block (total 25 teams)</b>	1. B.L.D.O (concerned block) 2. VO (BAHC/ABAHC) 3. LDA 4. Pradhan 5. Prani Bandhu / Social worker	

### **Department Poilce:**

#### **LIST OF PUMPING STATION FOR REMOVAL OF WATER.**

Pumping Set may be availed from one Satya Goswami (9800150658) for removing water.

#### **AVAILABILITY OF BOATS.**

The following country/mechanized boat may be used in emergency situation.

<b>Sl. No.</b>	<b>Name of Boat Owner</b>	<b>Contact No.</b>	<b>Category</b>
1	Badal Sautia, Sahid Matangini Block, Tamluk	9732656891	Country Boat
2	Sk. Osman, Panskura Block, Panskura	03228-252384	Do
3	Bibhuti Dolai, do	9932326613	Do
4	Bimal Hait, Nandakumar Block, Nandakumar PS	9800914293	Do
5	R. Dandapath, Khejuri-I Block, Khejuri PS	9732826589	Mechanical Boat
6	Sridam Das, Khejuri –I Block, Khejuri PS	9734515449	Do
7	Prabodh Maity, Khejuri-I Block, Khejuri PS	9734547198	Do
8	Santosh Maity, Khejuri-I Block, Khejuri PS	9734547198	Do
9	Mihir Kanti Das, Khejuri –II Block, Khejuri PS	7602668670	Mechanical Boat
10	Buddhadeb Mondal, Khejuri-II Blcok, Khejuri PS	8967522331	Mechanical Boat
11	Dulal Mahara	9734338921	Country Boat
12	Narayan Ch. Maity, Moyna Blcok, Moyna PS	9647327029	Mechanical Boat
13	Chandan Roy, Moyna Block, Moyna PS	9593087074	Country Boat
14	Sambhu Mandal, Kolaghat Block, Kolaghat PS	9733800972	Country
15	Manoranjana Laya, Bhagwanpur-II Block, Bhagwanpur PS	9732801784	Country Boat
16	Gourhari Khatua, Bhagwanpur-II Blcok, Bhagwanpur PS	9732969516	Mechanical Boat
17	Swapna Manna, Mahisadal Block, Mahisadal PS	9932078995	Country Boat

18	Bholanath Das, Nandigram-I Block, Nandigram PS	9735630604	Country Boat
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**CONTACT NUMBER OF DIFFERENT POLICE UNITS/OFFICERS & E-MAIL ID.**

Name of Units/ Officer	Land No.	Mobile No.	E-mail	Fax number
SP, Purba MDP	03228-69580(O) 03228-269602 ®	9083269700	I] <a href="mailto:sp-purbamedinipur@gmail.com">sp-purbamedinipur@gmail.com</a>	03228-269763
Addl.SP HQ	03228-69764(O) 03228-266037®	9083269701	<a href="mailto:addlsphqpurba@gmail.com">addlsphqpurba@gmail.com</a>	03228-269763
Addl.SP Haldia	03224-273890	9083269703	<a href="mailto:additionalspaldia@gmail.com">additionalspaldia@gmail.com</a>	03224-278116
Addl. SP Rural, Contai	03220-256573	9083269702	<a href="mailto:addlspcontaioffice@gmail.com">addlspcontaioffice@gmail.com</a>	03220256573
Dy. SP HQ		9083269708		
Dy.SP,DIB	03228-270072	9083269711	<a href="mailto:dibpurmdp@gmail.com">dibpurmdp@gmail.com</a>	03228-270072
Dy. SP (D&T)	03228-266132	9083269710	<a href="mailto:dsdntpurbamdp@gmail.com">dsdntpurbamdp@gmail.com</a>	
Dy. SP Traffic		9083269709	<a href="mailto:dsptrfemdp@gmail.com">dsptrfemdp@gmail.com</a>	
DCRB	03228- 266214	9434243743	<a href="mailto:derbpurba@gmail.com">derbpurba@gmail.com</a>	NIL
District Control Room	03228-269797	9083269752		
SDPO, Tamluk	03228-266063	9083269704	<a href="mailto:sdpotamluk@gmail.com">sdpotamluk@gmail.com</a>	
SDPO, Contai	03220-254425	9083269705	<a href="mailto:sdpocontai@gmail.com">sdpocontai@gmail.com</a>	
SDPO, Haldia	03224-27819	9083269707	<a href="mailto:sdpohaldia@gmail.com">sdpohaldia@gmail.com</a>	
SDPO, Egra	03220-245248	9083269706	<a href="mailto:sdpoeagra@gmail.com">sdpoeagra@gmail.com</a>	
CI, Tamluk	03228-266061	9083269713	<a href="mailto:circleinspectortamluk@gmail.com">circleinspectortamluk@gmail.com</a>	
CI Nandakumar	03228-275255	9083269715	<a href="mailto:nandakumarcioffice@gmail.com">nandakumarcioffice@gmail.com</a>	
CI Mahisadal	03224-240242	9083269714	<a href="mailto:cimahisadal2014@gmail.com">cimahisadal2014@gmail.com</a>	
CI Contai	03220-267001	9083269718	<a href="mailto:contaiatdighacioffice@gmail.com">contaiatdighacioffice@gmail.com</a>	
CI Bhupatinagar	03220-276366	9083269716	<a href="mailto:bhupatinagarci@gmail.com">bhupatinagarci@gmail.com</a>	
CI Egra	03220-244258	9083269717	01ciegra@gmail.com	
RI, Purba MDP	03228-266133	9083269748	<a href="mailto:ripurbamdp@gmail.com">ripurbamdp@gmail.com</a>	
RO, Purba MDP	03228-269796	9083269749	<a href="mailto:ropurbamedinipur@gmail.com">ropurbamedinipur@gmail.com</a>	
Tamluk PS	03228-270135	9083269722	<a href="mailto:octamlukps@gmail.com">octamlukps@gmail.com</a>	NIL
Panskura PS	03228-252226	9083269723	<a href="mailto:panskuraps@gmail.com">panskuraps@gmail.com</a>	NIL
Kolaghat PS	03228-250488	9083269724	<a href="mailto:kolaghatps@gmail.com">kolaghatps@gmail.com</a>	NIL
Moyna PS	03228-260244	9083269726	<a href="mailto:ocmoyna@gmail.com">ocmoyna@gmail.com</a>	NIL
Chandipur PS	03228-272237	9083269725	<a href="mailto:chandipurps@gmail.com">chandipurps@gmail.com</a>	NIL
Nandakumar PS	03228-275243	9083269727	<a href="mailto:Nandakumarps16@gmail.com">Nandakumarps16@gmail.com</a>	NIL
Haldia PS	03224-251112	9083269720	<a href="mailto:haldiaps@gmail.com">haldiaps@gmail.com</a>	NIL
Haldia Women PS		9083269721	<a href="mailto:ocwomenpshld@gmail.com">ocwomenpshld@gmail.com</a>	
Durgachak PS	03224-251111	9083269737	<a href="mailto:durgachakps@gmail.com">durgachakps@gmail.com</a>	NIL
Sutahata PS	03224-281344	9083269738	<a href="mailto:Ocsutahata2014@gmail.com">Ocsutahata2014@gmail.com</a>	NIL
Bhabanipur PS	03224-251113	9083269740	<a href="mailto:psbhabanipur@gmail.com">psbhabanipur@gmail.com</a>	NIL



Mahisadal PS	03224-240237	9083269736	<a href="mailto:mahisadalps@gmail.com">mahisadalps@gmail.com</a>	NIL
Nandigram PS	03224-232551	9083269739	<a href="mailto:psnandigram@gmail.com">psnandigram@gmail.com</a>	NIL
Nayachar Coastal PS	03224-267775	9083269754		
Khejuri PS	03220-282002	9083269730	<a href="mailto:pskhejuri@gmail.com">pskhejuri@gmail.com</a>	NIL
Bhupatinagar PS	03220-270239	9083269731	<a href="mailto:psbhupatinagar@gmail.com">psbhupatinagar@gmail.com</a>	
Marishda PS	03220-250426	9083269729	<a href="mailto:ocmarishdaps@gmail.com">ocmarishdaps@gmail.com</a>	NIL
Contai PS	03220-255026	9083269719	<a href="mailto:contaipolice@gmail.com">contaipolice@gmail.com</a>	NIL
Ramnagar PS	03220-264249	9083269732	<a href="mailto:ramnagarpolicestation@gmail.com">ramnagarpolicestation@gmail.com</a>	NIL
Digha PS	03220-266222	9083269728	<a href="mailto:ocdighaps@gmail.com">ocdighaps@gmail.com</a>	NIL
DGA Coastal PS	03220-266123	9083269741	<a href="mailto:ocdighamohanacoastalps@gmail.com">ocdighamohanacoastalps@gmail.com</a>	NIL
Mandarmoni Coastal PS		9083269753	<a href="mailto:mandarmonicoastal@gmail.com">mandarmonicoastal@gmail.com</a>	
Talpatighat Coastal PS	03220-217014	9083269742	<a href="mailto:talpatighatcoastal@gmail.com">talpatighatcoastal@gmail.com</a>	
Junput Coastal PS	03220-217015	9083269743	<a href="mailto:junputcoastal@gmail.com">junputcoastal@gmail.com</a>	
Contai Women PS	03220-257100	9083269744	<a href="mailto:contaiwomenps@gmail.com">contaiwomenps@gmail.com</a>	NIL
Egra PS	03220-244221	9083269733	<a href="mailto:egrapolicestation@gmail.com">egrapolicestation@gmail.com</a>	NIL
Patashpur PS	03220-242335	9083269734	<a href="mailto:Ptpps.emdp@gmail.com">Ptpps.emdp@gmail.com</a>	NIL
Bhagwanpur PS	03220-272243	9083269735	<a href="mailto:psbhagwanpur@gmail.com">psbhagwanpur@gmail.com</a>	NIL

#### LIST OF HELIPAD GROUND:-

Sl. No.	Police Station	Location	Longitude(N)	Latitude(S)
1	Tamluk PS	Rakhal Memorial Football Ground	22 degree 17 minutes	87 degree 54 minutes
2	Contai	SDO Office Ground	21 degree 46 minutes	87 degree 45 minutes
3	Egra	Egra High School Ground	21 degree 54 minutes	87 degree 32 minutes
4	Haldia	Haldia Township Field	22 degree 03 minutes	88 degree 06 minutes.

#### CONTACT NUMBER OF RESCUE TEAM UNDER NDMA:-

Contact Number of National Disaster Response Force (NDRF) under NDMA for all sorts of rescue and evacuation operation-

Control Room:- 033-2526 3077, FAX- 033-2526 4394.

### AVAILABILITY OF CLINICAL CENTRE (SUB-DIVISION WISE)

Sl. No.	Sub-Division	Name	Address	Contact No.
1	<b>Contai Sub-Divn.</b>	Kusumjyoti Matrtisadan	Contai	03220-255195
2		Aloy Fera	Contai	9933434242
3		Maa Sarada Nursing Home	Contai	9434236226
4		Life Link Nursing Home	Contai	9732958490
5		Mother Nursing Home	Contai	8900266784
6		Puja Nursing Home	Contai	9732222968
7		Niramoy Nursing Home	Contai, Darua Rd.	9547421535
8		Priyanath Sevasadan	Contai, Darua Rd.	9547421535
9		Oasis Nursing Home	Balisai, Ramnagar	9732985110
10		Sarada Nursing Home	Ramnagar	9732824025
11		Ambika Sevasadan	Ramnagar	9679890327/ 9474973944
12		LBG Nursing Home	Ramnagar	03220-264292
13		SG Memorial Nursing Home	Mangalpur, Ramnagar	9732598962
14		Digha Nursing Home,	Digha	03220-266032
15	<b>Egra Sub-Divn.</b>	Life Link Nursing Home	Near Egra Municipality, Egra	03220-244060
16		Maa Sarada Nursing Home	Near S.D.O Office, Egra	03220-245145
17		Swarupa Nursing Home	Egra Bazar	03220-245728
18		OM Sree Guru Hospital	Egra-Contai Rd, Egra	9002305952
19	<b>Tamluk Sub-Divn.</b>	Mother Nursing Home	Daharpur, Tamluk	9932339464
20		Pranabananda Seva Sadan	Hopital More, Tamluk	03228-263768
21		Park Clinic & Nursing Home	Daharpur, Tamluk	03228-266483
22		Tamralipta Nursing Home	Dharinda, Tamluk	9734336532
23		Seva Nursing Home	Padumbasan, Tamluk	9733290104
24		Jibandeeep Nursing Home	Sankarara, Tamluk	9932706463
25		Sishu Seva Sadan Nursing Home	Salgachhia, Tamluk	03228-263581
26		Green Land Nursing Home	Daharpur, Tamluk	03228-266393
27		Mamata Nursing Home	Daharpur, Tamluk	03228-266329
28		Medicare Nursing Home	Sankarara, Tamluk	03228-263249
29		Mas Clinic & Hospital	Padumbasan, Tamluk	03228-267540 03228-267391
30		Ramkrishna Arogya Niketan	Daharpur, Tamluk	9933342814
31		Monideepa Nursing Home	Sankarara, Tamluk	7602410489
32		Shreema Nursing Home	Salgachhia, Tamluk	9002628827
33		Geneshis Health Point	Dharinda, Tamluk	8967737033
34		Edan Nursing Home	Panskura	9434146447
35		Jiban Deep Nursing Home	Do	9434170242
36		New Maa Sarada Nursing	Do	9434180271

	<b>Tamluk Sub-Divn.</b>	Home		
37		Mother Terasa Nursing Home	Do	03228-253517
38		Popular Nursing Home	Mechada, Kolaghat	03228-231203
39		Susshrusa Nursing Home	Kolaghat	03228-256262
40		Nibedita Nursing Home	Do	03228-231625
41		Mother Nursing Home	Chandipur	03228-272159
42		Life Link Nursing Home	Do	9434990484
43		Jana Kalyan Seva Sadan	Do	03228-272236
44		Ramkrishna Nursing Home	Do	03228-272278
45	<b>Haldia Sub-Divn.</b>	Haldia Seva Sadan	Bhabanipur, Haldia	9474700508
46		Nabajiban Nursing Home	Durgachak, Haldia	03224-278888
47		Bhakta Nursing Home	Mahisadal	9733067610
48		Binodine Nursing Home	Mahisadal	03224241027

### **CONTACT NUMBER OF MAJOR LANDING POINTS /FISHERMEN'S ASSOCIATION**

The following contact number may be used at the time of urgency.

<b>Sl. No.</b>	<b>Name of MLP/FA</b>	<b>Secretary</b>	<b>Contact No.</b>
1	Digha Fishermen's and Fish Traders Association	Pranab Kar	9434005568
2	Saula Fishermen's and Fish Trader Association	Satyen Samanta	9732721993
3	Deshapran Fishing Harbour, Petuaghat	Pradyut Pahari	9434128725
4	Baguran Jalpai-II Matsha Khuti, Baguran Jalipai-II	Jalad Baran Das	9434161189
5	Baguran Jalpai-I Matsha Khuti, Baguran Jalpai-I	B.Shyamal	9775261788
6	Chenwasuli-I Matsha Khuti, Dk. Purusottampur	Annu Ali Khan	9733741501
7	Dadanpatrabarh Matshya Khuti	Srikrishna Das	9475820050
8	Dhobaghat Matshya Khuti, Safarchatta	S.Laya	9679091297
9	Haripur Matshya Khuti	B.Kr. Bar	03220-284448
10	New Jaldha Matshya Khuti	Lakshmi Narayan Jana	9735202629
11	Paschim Panchuria Pradhan	Bidhan Ch. Das	9547550813
12	Bankiput Matshaya Khuti	Jaharlal Sau	9933110140
13	Kadirabarchar Maa Ganga Matshya Khuti, Saheb Nagar	P. Karan	7602668670

### **Department of Fire & Emergency services:**

The technically trained personnel of Fire and Emergency Services of Purba Medinipur Division are setting new benchmarks in saving lives and properties by risking their lives.

“Disasters are incredibly complicated situations that require people with a very high degree of qualifications and long-term commitment, not just good will, a sense of urgency and short-term availability.”

For any shorts of disaster may be manmade, natural calamities or other accidental disaster, the information may please be communicate to the following telephone nos. of Control Room & Officers under Purba Medinipur Division are stated below :

Sl No.	Name of the Fire Station	Name of the Officer-In-Charge	Contact Details
01	<b>Tapan Kr Bose</b>	<b>Divisional Fire Officer, Purba Mednipur Division</b>	<b>9477152172</b> <b>pmwbfes@gmail.com</b>
02	Tamluk Fire Station	Kisore Kumar Dhara	9933628242 octamlukfs@gmail.com
03	Haldia Fire Station	NirmalNaskar	9875412557 haldiafirestation@gmail.com
04	Egra Fire Station	Nimai Banerjee	9064787949 egrafirestation2016@gmail.com
05	Contai Fire Station	Asis Ghosh	8240114160 contaifirestation@gmail.com
06	Ramnagar Fire Station	Tarakesh Ranjan Sinha	9674190726 ocramnagarfs@gmail.com
07	Kolaghat Fire Station (Standby Unit)	Tapan Kumar Barui	9933922212

The following appliances and gears are readily available in Purba Mednipur Division to confess the disaster situation of fire prevention and safety, fire fighting/suppression, as well as of playing an important role in disaster preparedness are as follows:

- Various type of appliances – MP- 10 Nos., WB- 03 Nos., WC- 04 Nos., MSWT- 04 Nos., 10 Nos. of Portable Pump which can draw & delivery water
- Numbers of cutting, breaking gears like Chain Saw,Circular Saw., used for force entry & breaking & cutting of various materials like metal, wood, slabs etc.,
- Several types of small gears & hose fittings used for various purposes,
- Extension Ladder- 13 Nos.,total available in all Fire Station extended up-to 3 storied building used for firefighting & rescue purpose,
- Self contained breathing apparatus, or **SCBA-06** Nos. is ready, use for rescue and others to provide breathable air in an IDLH (immediate danger to life and health) atmosphere,
- Hydraulic Operated Cutting, Breaking & Spreading Tools- 01 No.,
- Aska Lights- 05 Nos., Search Lights- 03 Nos., Emergency Lights- 02 Nos.,
- Enfield Bullet Motor Cycle with Water mist Portable Firefighting Extinguisher- 05 Nos.,
- Bajaj Platina Motor Cycle- 01 No.,
- Vibratory Drilling Machine- 01 No.,
- Smoke Exhauster- 01 No.,
- Rope Ladder- 01 no.,
- Honda Make Portable Pump- 09 Nos.,
- Petrol Operated Generator- 01 Nos.

Purba Medinipur Division is always ready to gear up to these situations in terms of capacity building, advance training, procurement of equipment etc. We are already put a right step in this direction and also preparing various steps for aware the people by providing live

demonstration & display of modern equipments, publicity, teaching classes, evacuation drills, mock drills etc.

### **Department Food & Supplies:**

#### **CONTROL ROOM :-**

A) Headed by DCF&S, Purba Medinipur at DCF&S office

<b><u>Name &amp; Designation</u></b>	<b><u>Mobile. No.</u></b>
1. Sri Sunay kumar Goswami, DCF&S	9851973871
2. Sri Arindam Datta, ADCF&S, Tamluk	9163237023
3. Sri Prabir Kr. Mahanta, UDC	9734445739
4. Sri Aritra Kr Chatterjee, SI	9477761593
5. Sri Satrughna Santra, Gr-D	9735754511

Control Room Phone Number. 03228-263553

SCF&S, Tamluk

B) Headed by SCF&S, Tamluk at Tamluk office

1. Smt Munmun Banerjee, SCF&S	9748786736
2. Sri Ashok Malick, CI	9903236796
3. Sri Santanu Mahalanabish, UDC	8348846605
4. Sri Tapan Samanta, Gr-D	8509901662
5. Sri Tarapada Jana, Gr-D (Night guard)	7602560470

Control Room Phone Number. 03228-263436

SCF&S, Haldia

C) Headed by SCF&S, Haldia at Haldia Office

1. Sri Dhurjati Adhikary, SCF&S, Haldia	9333801018
2. Sri Madhusudan Khutia, CI	9474096915
3. Sri Debasis Makar, UDC	9732900284
4. Sri Supriya Mahesh, LDC	9734802095
5. Sri Dipak Maity, Gr-D	9732565038
6. Sri Somnath Jana, Gr-D	7797246850

Control Room Phone Number. 03224-274827

SCF&S, Contai

D) Headed by SCF&S, Contai at Contai Office

1. Sri Abhijit Maity, SCF&S, Contai	9836387985
2. Sri Soumen Mondal, Inspector	9933886959
3. Smt Santi Giri, UDC	8013174521
4. Sri Tapan Kumar Das, UDC	9732752455
5. Sri Basab Dutta, Accountant	9933791409
6. Sri Dilip Mallick, Nazir	9434104624

- |                                  |            |
|----------------------------------|------------|
| 7. Sk Giasuddin, Gr-D            | 7384131157 |
| 8. Sri Krishna Sarathi Das, Gr-D | 9734684090 |

Control Room Phone Number. 03220-255025

SCF&S, Egra

E) Headed by SCF&S, Egra at Egra Office

- |   |            |
|---|------------|
| 1. Sri Subhrajit Chatterjee, SCF&S,Egra | 9432964373 |
| 2. Sri Bhakti Singh, H.C                | 8768137495 |
| 3. Sri Manaranjan Sasmal, Inspector     | 9735245356 |
| 4. Sri Chaitanya Prasad Dey, UDC        | 9583111290 |
| 5. Sri Sumit Maity, Computer Operator   | 9851257018 |

Control Room Phone Number. 03220-245882

1. This office is keeping a reserve stock of 100 MT/200 MT of Rice in all Govt. Godown/MR Distributors Godowns for Cyclone/Flood prone areas
2. This office is also keeping rolling stock of 5/10 MT rice and sugar, Iodized Salt, Edible oil, etc at the Fair Price Shop points.
3. Order have been issued to the SK Oil agents to keep 5 K.L Kerosene oil as rolling reserve stock from normal PDS allotment in the Cyclone/Flood prone areas.
4. Inspecting Staff have been instructed to identify some Grocery shops for dry food like Chirha, Gurh, Pulses, Baby Food, etc to combat any unforeseen situation.

### Department Fisheries:

1. No. of Officers entrusted with the Disaster Programme.	1. Assistant Director of Fisheries, Marine, Contai, 2. District Fishery Officer, Marine, Contai, 2 nos. 3. Fishery Extension Officers, Marine, Contai,
2. No. of fishermen engaged in sea fishing.	Around 25000 fishers are directly engaged.
3. Registration of Fishing Boats.	3008 Mechanized & 447 non-Mechanized Boats are registered under Marine Acts & Rules.
4. No. of Fishing Harbour.	Two Harbors at Sankarpur & Deshapran.
5. No. of Fish Landing Centre.	4 Big and 41 Smaller Fish Landing Center.
6. No. of Fish Trading Centers.	5 nos - Digha, Sankarpur, Contai, Petuaghat and Soula.
7. No. of Fishermen's & Fish Traders Association.	3 at Digha & Sankarpur & Soula.
8. No. of Distress Alert Transmitter (DAT) Machine supply to the Boat Owners.	1196 nos. DAT is a highly sensitive danger signaling device fitted with the boats and to be used by the marine fishers during sea fishing when in danger
9. No of Community Hall.( May be used as	10 nos.

rescue center during disaster)	
10. Biometric Identity Card distributed to marine fishers.	65,584 nos.

Sea fishing is undoubtedly a life-risk job. Many fishing Boats face with the disasters, lives and resources are lost and the poor fishers are the most vulnerable to disasters, death and destruction. To minimize the chances of loss of life at the hours of storms or when the sea is rough during cyclone, there exists scope for adoption of measures. Besides, Marine Acts & Rules, Regulations are remaining in force. Community interaction programme is being conducted by the ADF, Marine & Indian Coast Guard jointly two days every month for general awareness among Marine Fishers regarding hazards of their livelihood and Marine Acts & Rules. Indian Coast Guard is performing well in enforcing the laws when they nab any Boats in the sea. In this regard they advise to Marine Fishers to use life Jacket, Life Buoy etc. during sea fishing. The department has developed a good number of Community Hall at different Khuties. At times of urgency these halls can serve as emergency shelters.

#### **Control Room and Communication Devices :-**

The office at MEEN BHABAN, Contai, which has so far been used as a district control room of the establishment to combat any disaster-like situation, has a telephone land line with internet connection. In the following table the important communication numbers with identity of some officers who are normally entrusted to work in the control room are as follows.

SI No.	Name and Designation	Number
1.	Office of the Assistant Director of Fisheries, Marine Contai	03220-255063
2.	Surajit Kr Bag, ADF, Marine, Contai	8768066670
3.	Dilip Kumar De, DFO, Marine, Contai	9474048801
4.	Kiran Shankar Dhara, DFO, Marine, Contai	9434996897
5.	Manindra Bera, FEO, Marine, Contai	9126424421
6.	Ashok Das, UDC, Marine, Contai	9733963551

#### **Other important infrastructures and telephone numbers :-**

SI No.	Name and Designation	Number	Remarks
1.	Office of the Assistant Director of Fisheries, Purba Medinipur, Contai.	03220-255204	Situated at MEEN BHABAN, Contai.
2.	Office of the Assistant Director of Fisheries, Brackishwater, Contai, Purba Medinipur.	03220-255270	Situated at MEEN BHABAN, Contai.
3.	Fish Technological Station, Junput, Purba Medinipur.	03220-284016	It has a separate establishment at Junput with a newly built two storied building that may be used as an emergency disaster center.
4.	Sri Biswarup Bose , Special Officer, Sankarpur Fishing Harbor.	9051902211	Sankarpur Harbour has their own infrastructure that can be used as time of urgency.
5.	Sri Pradyot Kumar Pahari, Special Officer, Deshapran Fishing Harbor ( Petuaghat).	9434128725	Deshapran Harbour has their own infrastructure that can be used as time of urgency.

**Development of Communication System. (Radio/Wireless Transmitters) in Coastal Zone :-**

The communication System in coastal zone is not so well developed since their coverage capacity

**List of Fish Landing Centres and Matsya Khuties in Purba Medinipur Dist.under A.D.F. Marine, Contai, Purba Medinipur**

Sl. No.	Name of F.L. Centres/ Matsya Khuties	Address	Name of President	Contact No.	Name of Secretary	Contact No.
1	Nijkasba	Vill: + P.O: Nijkasba			Debsankar Mandal	8145990959
2	Dekhali	Vill + P.O: Dekhali	Parameswar Khatua		Rabindranath Jana	9775130788
3	Sundarpur	Vill: + P.O:Sundarpur			Debendranath Mondal	9564705768
4	Dakshin Kalagechhia-Dinda	Vill: +P.O: Dakshin Kalagechhia	Susanta Dinda	9733208496	Keshab ch. Das	9002039033
5	Mehedinagar giri	Vill: Mehedinagar, P.O: Gopichowk	Sk. Samsul	8972966864	Dulal Das	9732687152
6	Gorahar	Vill:+P.O: Katkadevichawk	Satadal Bar		Rabindranath Bar	9732748479
7	Thanaberia	Vill:Thanaberia, P.O: Lakshmanchowk	Rabin Patra		Krittibas Patra	7430978033
8	Purba Panchuria	Vill: Panchuria, P.O: Lakshmanchowk	Chittaranjan Maity		Chanchal Roy	7407784915
9	Paschim Panchuria pradhan	Vill: Panchuria, P.O: Lakshmanchowk	Bidhan Chandra Das	9547550813	Sasanka Pradhan	7584864958
10	Dhobaghata	Vill: Safarchata, P.O: Khejuri	Sambhu Ari	8944066584	Buddhadeb Laya	9635926675
11	Kadirabadchar Maa Ganga	Vill: Kadirabadchar, P.O:Satkhanda Sahebnagar	Bidyut Maity	9547377208	Narugopal Maity	8172048691
12	Arakbari	Vill: Arakbari, P.O: Khejuri	Lalu Dhapar	9735282109	Gostha Dhapar	9635941649
13	Kawkhali	Vill: Banbasuria, P.O: Lakshmanchak	Kalipada Pradhan		Goutam Bera	9874717995
14	Panchuria Dutta	Vill: Panchuria, P.O: Lakshmanchowk	Ajit Datta	9635506576	Prabir Kumar Dutta	9547878862
15	Mehedinagar Dolai	Vill: Mehedinagar, P.O: Nijkasba	Prabir Santra	9734593287	Sadananda Nag	9732646763
16	Boga Ferry Ghat	Vill: + P.O: Boga	Anukul Bar		Rabindranath Pradhan	9800951702
17	Wasil chak	Vill: Wasilchak, P.O: Lakshmanchowk	Pulin Pramanik	8348405469	Panchanan Pramanik	8973846265
18	Nankar Gobindapur	Vill: Wasilchak, P.O: Lakshmanchowk	Tarakeswar Patra		Nikhil ch. Maity	9547018761
19	Kadirabadchar Chursaheb	Vill: Sahebnagar, P.O:Satkhanda Sahebnagar			Sk. Akkash Ali	8670377974
20	Baguran Jalpai-I	Vill: Baguranjalpai, P.O: Desh Dattabarh	Haripada Jana	9732961198	Subal Bhunia	9679353287
21	Baguran Jalpai-II	Vill. Baguran Jalpai, P.O:Desh-Duttabarh	Debabrata Khatua	9635129511	Prafulla Kr. Sau	9332429609
22	Haripur	Vill: Mankaraiput, P.O: Junput	Bakul Kr. Bar	9933393217	Haripada Bar	9679170515
23	Junput	Vill:Birampur, P.O: Junput	Baneswar Maity	9932259982	Sk. Najrul	8001106844
24	Soula -I	Vill: Soula, P.O: Raghusardarbarh	Dhananjay	9733844159	Tapan Majhi	9635677424



			Pramanik			
25	Bankiput	Vill: + P.O: Bankiput	Manoj Sardar		Prafulla Bar	9734448599
26	Bhogpur	Vill: Bhogpur, P.O: Bankiput	Kshitish Ch Khanra	9609086713	Khudiram Ojha	8373045991
27	Dakshin Kadua	Vill: Dk. Kadua, P.O: Paschim Bamunia	Asish Panda	9932504162		
28	Uttar Kadua	Vill: Uttar Kadua, P.O: Jhawa	Ashok Dinda	8972916705	Swapan Dolai	7407730316
29	Dahasonamui	Vill: Dahasonamui, P.O: Dariapur	Prabhat Bar	9775917334	Sarbeswar Khanra Santosh Bar	9800169209 9635130796
30	Gopalpur	Vill: Gopalpur, P.O: Jhawa	Uttam Dolai		Parameswar Gayen	9647382406
31	Tajpur Jaldha	Vill: Tajpur, P.O:Bodhra	Bachaspati Bera	9775331286	Bachaspati Bar	9775331246
32	Moitrapur	Vill: Moitrapur, P.O: Alankarpur	Prabir Dolai		Amulya Sing	9932610631
33	Jaldha Maa Basuli	Vill: Jaldha, P.O:Bodhra	Ananta Majhi	9732860228	Anil Kr. Barai	9932312208
34	Digha Matsyajibi	Vill:Khadalgobra, P.O: Digha	Kali Charan Nayak		Bikash Ch. Kar	9333452453
35	Chenwasuli-I	Vill:Dk Purusottampur, P.O: Dadanpatrabarh	Annu Ali Khan	9733741501	Debabrata Mondal	9732585237
36	Chenwasuli-II	Vill:Dk Purusottampur, P.O: Dadanpatrabarh	Himangsu Maiti	9002261836		
37	Janakalyan	Vill:Mandarmoni, P.O:Silampur			Adhir Bar	9609980271
38	Dadanpatrabarh	Vill: +P.O: Dadanpatrabarh	Achinta Bar	9002015405	Prasanta Bar	7602000577
39	New Jaldha	Vill:Mandarmoni, P.O:Silampur			Lakshmi Narayan Jana	8584830081
40	Soula -II	Vill:Dk Purusottampur, P.O: Dadanpatrabarh	Ajoy Kr. Sasmal	9933932841	Janmenjoy Dolai	9785017262
41	Digha Mohana F.F.T.A ( Digha)	At. Digha Mohana, P.O. Digha.	Pranab Kr. Kar.	9434005568	Shyamsundar Das	9434991009
42	Sankarpur F.F.T.A(Sankar pur)	Vill.Sankarpur , P.O. Bodhra.	Jiban Mondal		Swadesh Nayak	9732502039
43	Sankarpur Fishing Harbour	Vill.Sankarpur , P.O. Bodhra.	Amal Mukherjee, Spl. Officer	9433428823		
44	Soula F.F.T.A. ( Soula)	At-Soula, P.O. Nayaput	Mihir Jana		Satyen Samanta	9732721993
45	Deshapran Fishing Harbour	Vill: Petuaghat, P.O: Dariapur	Pradyut Pahari, Spl. Officer	9434128725	-	-
46	<b>Kanthi Mahakuma Khuti Matsyajibi Union</b>	P.O. Contai, Dist. Purba Medinipur.	Goutam Bera	9874717995	Parameswar Gayen	9647382406
47	<b>Kanthi Mahakuma Khuti Matsyajibi Unnayan Samity</b>	P.O. Contai, Dist. Purba Medinipur.	Ananta Bera		Lakshmi Narayan Jana	8584830081
48	Dk. Banga Matsyajibi Forum	P.O. Contai, Dist. Purba Medinipur.	Chanchal Roy	7407784915	Debasish Shyamal	9933602808

## Highway Division(PWD) Tamluk:

<b>EXECUTIVE ENGINEER</b>	:	<b>SRI AJAY KUMAR SANJAY</b>
TOTAL LENGTH OF ROAD UNDER TAMLUK HIGHWAY DIVISION, PUBLIC WORKS (ROADS) DIRECTORATE :		
		429.43 K.M.
<b><u>4 (FOUR) SUB-DIVISION UNDER TAMLUK HIGHWAY DIVISION</u></b>		
1) CONTAI HIGHWAY SUB-DIVISION	:	PARTHA ROY MOB.NO.-7044235464
TOTAL LENGTH OF ROAD UNDER CONTAI HIGHWAY SUB-DIVISION: <b>185.15 K.M.</b>		
2)TAMLUK HIGHWAY SUB-DIVISION	:	SUKHEN KUNDU MOB.NO.-9434875991
TOTAL LENGTH OF ROAD UNDER TAMLUK HIGHWAY SUB-DIVISION: <b>177.84 K.M.</b>		
3)HALDIA HIGHWAY SUB-DIVISION	:	DIPAK KUMAR MAJI MOB.NO.-9434957773
TOTAL LENGTH OF ROAD UNDER HALDIA HIGHWAY SUB-DIVISION: <b>44.44 K.M.</b>		
4)PANSKURA HIGHWAY SUB-DIVISION	:	SUJIT KUMAR MITRA MOB.NO.-9433898086
TOTAL LENGTH OF ROAD UNDER PANSKURA HIGHWAY SUB-DIVISION: <b>22.00 K.M</b>		

Name of Sub-Division office	Name of Section Office	Name of Section Officer	Mobile No. of the concerned officer
Tamluk Highway Sub-Division	Tamluk Highway Section-I	Radhakanta Siddhanta	9732895022
	Tamluk Highway Section-II	Koushik Nanda	9932734069
	Haldi Bridge Highway Section	Rajib Garaine	9831825770
	Panskura Highway Section-I	Kallol Roy	9093456592
Haldia Highway Sub-Division	Haldia Highway Section-I	Sekhar Maiti	8016543937
	Haldia Highway Section-II	Md. Tarique	9804042997
	Haldia Highway Section-III	Srimanta Kr. Majhi	9734247712
Panskura Highway Sub-Division	Haldi Bridge Highway Section (Sadar)	Sajal Bagchi	9433330738
Contai Highway Sub-Division	Patashpur Highway Section	Ramendra Sundar Bandopadhyay	9474455595
	Contai Highway Section	Md. Ehesan	9734282712
	Egra Highway Section	Moumita Dolui	9830772009
	Bajkul Highway Section	Prasanta Kr. Maity	9733808522

### **TEAM FOR TAMLUK HIGHWAY SUB-DIVISION**

1	SUKHEN KUNDU	9434875991
2	Radhakanta Siddhanta	9732895022
3	Koushik Nanda	9932734069
4	Rajib Garain	9831825770

5	Kallol Roy	9093456592
6	Sadhan Dhara	

**TEAM FOR CONTAI HIGHWAY SUB-DIVISION**

Sl.No.	Name	Contact No.
1	Partha Roy	7044235464
2	Ramendra Sundar Bandopadhyay	9474455595
3	Md. Ehesan	9734282712
4	Moumita Dolai	9830772009
5	Ram Chandra Mallik	
6	Pankaj Kumar Guria	
7	Samayal Hudait	
8	Gopal Chandra Payra	
9	Debduti Maity	

**TEAM FOR HALDIA HIGHWAY SUB-DIVISION**

Sl.No.	Name	Contact No.
1	Dipak Kumar Maji	9434957773
2	Sekhar Maiti	8016543937
3	Md. Tarique	9804042997
4	Srimanta Kr. Majhi	9734247712
5	Narayan Chandra Roy	
6	Kamal Sarkar	
7	Diptimoy Barari	

**TEAM FOR PANSKURA HIGHWAY SUB-DIVISION**

Sl.No.	Name	Contact No.
1	Sujit Kumar Mitra	9433898086
2	Sajal Bagchi	9433330738
3	Sankar	
4	Dilip Saha	

**PRE MONSOON ACTION TAKEN**

Tendering work are being proceed.
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**NO. OF EARTH CUTTING ZONE IN EACH SUB-DIVISION:**

Tamluk Highway Sub-Division	Cretan stretches of Tamluk-Moyna Road & Haridaspur-Srirampur Road.
Haldia Highway Sub-Division	Cretan stretches of Mahisadal-Geonkhali Road.
Panskura Highway Sub-Division	Certain stretches of Prajabar Arankiarana Road.
Contai Highway Sub-Division	Certain stretches of Alamgiri-Bilbara-Kosbagola-Road, Gobardhanpur-Itaberia, Lalat-Gobardhanpur Road.

**CUTTING ROAD SIDE TREE DURING DISASTER:**

Tamluk Highway Sub-Division	Prompt action will be taken from concerned Sub-Division.
Haldia Highway Sub-Division	
Panskura Highway Sub-Division	
Contai Highway Sub-Division	

**MACINERIES EQUIPMENT**

1	<b>AGENCY : DEBASISH JANA, Melahait, Naikuri, Purba Medinipur.</b>	<b>M.No-7583901374</b>
	Cutter-1 No.	May be arranged as per requirement.
	Dumper-4 Nos.	
	JCB-4 Nos.	
	Procelane 200-1 No.	
	Proclane 700-1 No.	
	With sufficient labour	

**Department Public Health Engineering**

This Department has to maintain all Rural Piped Water Supply Scheme in the District by carrying out timely repairs where necessary. For this we have to maintain some inventory in terms of materials, spare parts and skilled human resources. One District level control room will be operational in District Head Quarters of PHE Dte. as per situation as and when necessary. There is one Mobile Treatment Unit (MTU) placed at Ramnagar Head Work site at Ramnagar under Ramnagar – I Block will be operational in terms of making and distribution of water pouches for drinking purpose during Flood Like Situation under the control of Executive Engineer, Midnapore Mechanical Division, PHE Dte. (Ph No. - **03222-225111**)

Control Room: Tel No. 03228-266016.  
 Mail ID: [ee\\_tmlk@wbphed.gov.in](mailto:ee_tmlk@wbphed.gov.in)  
 Nodal Officers: Sri Tapas Ranjan Bera, Assist. Engg., RWS-TSD, PHE Dte.  
 Mobile No.: 9735270455.  
 Name: Sri Arijit Acharyya, Asst. Engg., Tamluk Sub-Divn, PHE Dte.  
 Mobile No.; 9883247925.  
 Sri Swapan Kr. Shyamal, Asst. Engg., Contai Sub-Divn, PHE Dte.  
 9732860836

Phe Mechanical Division:

Nodal Officers: Sri Aditya Kumar Patra, EE, Medinipur Mechanical Division, PHE

Mail ID: ee\_mid\_me@wbphed.gov.in

Mobile No: 9732063914

Nodal Officers: Rahul Ganguly, Asst. Engg. Medinipur Mechanical Division,

Mobile No: 9836605146

### Department Horticulture:

For sudden natural calamity like flood in our District and in order to sustain the crop from natural calamity impact, some contingent measures for horticulture crops is given here for adoption and for management of crops for restoring the yield potential. Details of some recovered plans immediate after occurring natural calamity are noted below.

#### A. EARLY OCCURENCE OF FLOOD IN BETWEEN MID JULY TO MID AUGUST:

Effect on crop	Work to be done	Action to be taken up by
Vegetable crops like Okra, Amaranthus, Ridge gourd, Ash gourd, Basella (Pui), Brinjal, Pumpkin, Bottle gourd, Snake gourd & Chilli, will suffer.	Diff. type of seeds may be given to each beneficiary like – 1. Amaranthus – 10gm 2. Okra- 25gm. 3. Ridge Gourd – 10gm 4. Ash gourd- 10gm 5. Basella- 20gm 6. Pumpkin- 30 gm 7. Bottle gourd- 30gm 8. Brinjal- 2gm 9. Chilli – 2 gm 10. Snake gourd – 30gm	District Authority of Horticulture Deptt. / ADA of Blocks/ Field Consultant(Horticulture)/ KPS & Block Authority & Panchayet bodies.
Fruits like Mango, Guava, Citrus, Banana, Papaya etc will suffer.	Different types of graft & gooti may be supplied- 1. Mango – 02 plants (Grafted) var- Amrapali/ Mallika 2. Guava- 02 plants (Grafted) 3. Citrus- 02 plants (Grafted) (Kagji Lime variety) 4. Banana- 10plants (Tissue culture) 5. Papaya- 1 gm(Seeds)	
Flowers like Tube Rose, bulbous gladiolus Rose etc will damage.	1. Tube Rose- 1kg 2. Gladiolus - 1 Kg.	
Plantation crops like Betelvine will suffer.	1. Supply of cutting – 250 Nos 2. Supply of carbandazin (50% W.P) - 10gm. 3. Supply of copper oxy chloride (Blitox) - <b>100 gm</b> to each beneficiary.	

**B. EARLY OCCURENCE OF FLOOD IN BETWEEN END OF AUGUST TO MID SEPTEMBER:**

<b>Effect on crop</b>	<b>Work to be done</b>	<b>Action to be taken up by</b>
Seed bed of different vegetable crops like Cabbage, Cauliflower, Tomato, Knol-khol etc will damage.	<ol style="list-style-type: none"> <li>1. To drain out the stagnant water from the field. To provide drainage by opening furrows. To remove all the affected plants &amp; to destroy. Seed beds have to be prepared for its germination.</li> <li>2. To apply recommended quantity of organic manure to improve soil fertility.</li> <li>3. Seeds need to be shown in pro trays under protected structures to avoid the seed loss during heavy rainfall or flood.</li> </ol>	District Authority of Horticulture Deptt. / ADA of Blocks/ Field Consultant(Horticulture)/ KPS & Block Authority & Panchayet bodies.
Early planting of Tomato, Cabbage, Cauliflower, Pumpkin, Palak, Radish, Amaranthus, Okra, Brinjal, Bitter gourd etc. will also suffer.	<ol style="list-style-type: none"> <li>1. Diff. type of seeds may given to each beneficiary like-               <ol style="list-style-type: none"> <li>i) Cabbage- 2gm.</li> <li>ii) Cauliflower- 2gm.</li> <li>iii) Tomato- 2gm.</li> <li>iv) Knol-khol- 2gm.</li> <li>v) Spinach- 20gm.</li> <li>vi) Amaranthus – 2 gm.</li> <li>vii) Brinjal - 2 gm.</li> <li>viii) Radish- 5gm.</li> <li>ix) Okra- 10gm.</li> <li>x) Bitter gourd- 10gm.</li> </ol> </li> </ol>	
Spices grown during this period like Coriander, Fenugreek, Black Cumin, Chilli etc. will damage.	<ol style="list-style-type: none"> <li>1) Corriander – 15gm Seed)</li> <li>2) Fenugreek- 5gm(seed)</li> <li>3) Black Cumin- 5gm(seed)</li> <li>4) Chilli- 2gm (seed)</li> </ol>	
Fruits like Mango, Guava, Citrus, Banana, Papaya etc will suffer.	<ol style="list-style-type: none"> <li>1) Mango – 2plants</li> <li>2) Guava- 2 plants</li> <li>3) Citrus- 2 plants</li> <li>4) Banana- 10plants(Tissue culture)</li> <li>5) Papaya- 1 gm(Seeds)</li> </ol>	
Plantation crops like Betel vine will suffer.	<ol style="list-style-type: none"> <li>1) Supply of cutting – 250 Nos</li> <li>2) Supply of carbendazim (50% W.P) - 10gm.</li> <li>3) Supply of copper oxy chloride (Blitox) - <b>100 gm</b> to each beneficiary.</li> </ol>	

**Apart from these, some recovered plans are:**

1. Subsidy for constructional cost of Shade net house for Betel vine cultivation.
2. Subsidy for constructional cost of Poly house for growing off season vegetables.
3. Micronutrient kit (Tracel- 2) @ 100gm may be given to each beneficiary.
4. Vermi Compost kit @ 5kg bag to each beneficiary also be given.
5. To arrange farmer training programme on pest management on horticultural crops.

N.B.:-1) Concerned G.P. Pradhan at River Belt and costal Area are to be requested to keep their vigilance and exercise over the control of sluice gates, removal of obstracles etc. at drainage channels to restrict the ingress of tidal water and for drainage of stagnant water both during heavy rainfall period.

2) In addition to above contingent planning Field Consultant (Horticulture) will have to draw up adoptable plan to combat the situation in case of emergency and will send to the undersigned for taking action.

3) Any incident of flood or flood like situation in any pocket or area must be forthwith be reported to the undersigned promptly.

4) Apprehended flood prone blocks like Moyna, Panskura-I, Kolaghat, Sahid Matangini, Bhagwanpur-I& II, Potashpur-I & II, Egra- I& II & part of Tamluk and Nandakumar should remain alert.

Concerned Departmental officers/ Staff are requested to be alert for the incidence, if occurred.

### **Civil Defence Department**

There are more than 3000 trained volunteers under Civil Defence in different trained viz. modern equipments training and water realated rescue in this district. They may be utilized for rescue operation in the event of natural calamity. In addition to boats provided by Civil Defence, BDOs have updated the lists of local country & mechanized boat owners with address and contact numbers. Apart from this there are 200 more Trained Aapda Mitra Volunteers are present for the Search and Rescue Operation.

# **Chapter-XII**

## **Standard Operating Procedure**



## **Chapter:12**

### **Standard Operating Procedure(SOP) and Checklist**

Standard Operating Procedure are a common method of implementing instruction.SOPs provide response protocols for carrying out specific responsibility.

#### **Department wise SOP :**

##### **A)Blok Development Officer:**

- a. Assessment of vulnerability in respect of previous disaster if any:
- b. Preparation of Block Disaster Management Plan (Mitigation, Preparedness & Response)
  - i) Block Level Committee/ GP Level Committee formation
  - ii) Task force /response team formation.
  - iii) Evacuation Plan (search & Rescue including shelter Management Plan)

##### **B)PWD:Roads**

Present status of all roads. Precautionary measures for responding during any emergency road restoring/repairing.

##### **C)Irrigation & Waterways :**

- i) Vulnerability assessment and identification of weak points need to be immediate response.
- ii) Preparation of action plan for immediate repairing & reconstruction work
- iii) Details data base of control room & Officials responsible from the area to be earmarked.
- iv) Details stock of Gunny bags at different points for.
- v) Daily report on & from 1<sup>st</sup> June 2018 ( detailed planning ) on flood water, discharge from Dams & Rainfall report including water level at different places rivers.

##### **D)Agriculture :**

- i) Preparation of Action Plan
- ii) Detailed data base of officials alongwith with Mobil No. Responsible at different levels (District, Sub-Division & Block Level) .
- iii)Daily damage assessment report of crops to be ensured.
- iv)Sufficient stock of straw may be ensured.
- v) Contingent plan for short term cultivation support to the victims.
- vi)Daily report of rainfall on & from 01.6.2018

##### **E)Animal Resources Development (ARD) :**

- i) Detailed Plan of Action
- ii) Data base of officials alongwith Mobile No. Up to Block Level to be ensured
- iii) Emergency response team at District & Sub-Div. Level to be formed for any urgent need.
- iv) Arrangement for cattle feed, medicine for opening rescue shelter and arranging vaccination camps.
- v) Cattle feed (fodder) to be ensured.

##### **F)Health :**

- i) Detailed action Plan
- ii) Details of Doctors & staffs posted at Dist./Sub-Div/ Blocks/GP level alongwith their Mobile No.
- iii) Preparation of emergency medical team for immediate response if required.

- iv) Stock of flood protocol medicine & AVS to be ensured at each level.
- v) Disinfectant items to be made available in sufficient quantity at each level including formation of team for shelter management.

#### **G)PHE/RWS**

- i) Action plan including data base of officials with mobile no. At each level.
- ii) Formation of team for strengthening/uplifting of tube well & disinfection purpose at affected area and relief shelters.
- iii) Supply of drinking water to be ensured at affected areas.

#### **H)Food & supply :**

- i) Details of Action Plan
- ii) List of officers posted at each level alongwith phone no.
- iii) Details of stock of food grains in each godown and its location.
- iv) Sufficient stock of Kerosene Oil and food grains at each level to be ensured. (details of locations & contact person)

**I)WBSEDCL :** Preparation of Action Plan. Details data base of control room & officials responsible for the area to be earmarked.

**J)BSNL :** Attention should be given for restoration of any disruption of telephone services.

**K)FIRE:** Response during any need.

**L)Civil Defence:** Detailed list of volunteers for search & rescue for each Sub-Division & Blocks headed by one Sr. SOI/SOI

**M)Fisheries :** Blockwise data of water bodies availability and prepare the report of any loss of fish component due to any flood

**N)Agri. Mech/Irrigation :** All the officials should be informed to keep close contact with the BDOs for further course of action.

**O)Police :** For maintains law & order situation

**P)School Education Department :** All sorts of co-operation would be provided for operating of rescue /flood shelters in high rise school buildings.

**R) RTO :** Arrangements for providing vehicles /tracks for easy transportation of relief materials including supply of country boats if required.

## **CHECKLISTS : DO'S AND DON'TS**

### **a) Operational Guidelines of what to do in the event of a Flood.**

<b>Do's</b>	<b>Don'ts</b>
<ul style="list-style-type: none"> <li>• Convening a meeting of the District Level Committee on Natural calamities.</li> <li>• Functioning of the Control rooms.</li> <li>• Closure of past breaches in river and canal embankments and guarding of weak points.</li> <li>• Rain recording and submission of rainfall reports.</li> <li>• Communication of gauge readings and preparation of maps and charts</li> <li>• Dissemination of weather reports and flood bulletins issued by the meteorological canters, Central Water commission , Flood forecasting Organisation.</li> <li>• Installation of temporary police wireless stations and temporary telephones in flood prone areas</li> <li>• Storage of food in interior vulnerable strategic and key areas</li> <li>• Arrangements for keeping the drainage system desalted and properly maintained</li> <li>• Agricultural measures</li> <li>• Training in flood relief work</li> <li>• Organisation of relief parties</li> <li>• Alternative drinking water supply arrangements.</li> <li>• Arrangements for keeping the drainage system desalted and properly maintained.</li> </ul>	<ul style="list-style-type: none"> <li>• Organizing shelter for the people in distress in case the efforts of the civil authorities are considered inadequate, army assistance should be requisitioned.</li> <li>• Relief measures by non-official and voluntary organizations may be enlisted as far as possible</li> <li>• Provision of basic amenities like drinking water, sanitation and public health care and arrangements of cooked food in the relief camps.</li> <li>• Making necessary arrangements for air dropping of food packers in the marooned villages though helicopters</li> <li>• Establish alternate communication links to have effective communication with marooned areas.</li> <li>• Organising controlled kitchens to supply foods initially at least for 3 days.</li> <li>• Repairs and reconstruction of infrastructure facilities such as roads , embankments , resettlement of flood prone areas.</li> <li>• Rehabilitation of homeless.</li> <li>• Organise relief camps</li> <li>• Grant of emergency relief to all the affected people.</li> <li>• Relief for economic reconstruction,</li> <li>• Health measures.</li> </ul>

### **b) Operational Guidelines of what to do in the event of a Cyclone.**

<b>Do's</b>	<b>Don'ts</b>
<ul style="list-style-type: none"> <li>• Check your house, repair doors and windows, where ever necessary</li> <li>• Keep a Hurricane Lantern filled with kerosene, flashing, match boxes, candles and enough dry cells</li> <li>• Make sure that your radio set is fully serviceable. Keep an extra set of batteries ready for transistor.</li> <li>• Keep your radio set on and listen to the latest weather warnings and advice from the nearest. All India Radio Station. Pass the information to others (by word of mouth.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not keep loose objects like cans, tins and other implements. They may become weapons of destruction during strong winds.</li> <li>• Do not spread rumours, not listen to them, only official version of the warnings may be listened to through Radio.</li> <li>• Do not stay in your house, when advised to vacate by authorities , especially when your house is located in a low-lying area. You may run the risk of being marooned.</li> </ul>

<ul style="list-style-type: none"> <li>• Don't venture into the areas where streams or rivers flow, high water due to heavy rains, may surge.</li> <li>• Bolt up glass windows and put shutters in place.</li> <li>• Get extra food stored, particularly that type which does not require cooking such as, Flat , Rice, Sattu (pulse powder). Store extra drinking water.</li> <li>• When you are moving to a shelter move your valuable articles to upper floors or tie it to the roof so that these would not be submerged.</li> <li>• Make provisions for children and old people requiring special diets.</li> <li>• Be calm. Your ability to meet an emergency will inspire and help others.</li> <li>• Stay in the shelter, as long as you are informed to do so.</li> <li>• While in the shelter, follow the instructions of Personnel-in-charge.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not venture out, if the weather suddenly clears during a storm as indicated by a fall in the wind and rain . Remember strong wind will return equally suddenly from the opposite direction with even greater velocity. This happens when the eye of the storm passes over your area.</li> <li>• Avoid any loose wires, hanging from the poles to avoid electrocution .</li> <li>• Drink only safe water.</li> <li>• People should keep away from disaster areas, unless they are required to assist.</li> <li>• Anti social elements should be prevented from doing mischief.</li> <li>• Houses and dwellings should be cleared of debris.</li> <li>• The losses should be reported to the revenue authorities.</li> <li>• Relatives should be promptly informed about the safety of person in the disaster area.</li> </ul>
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**c) Operational Guidelines of what to do in the event of a Heat wave.**

<b>Do's</b>	<b>Don'ts</b>
1. Drink safe purified water or bleached water .	1. Do not drink unpurified water or pond/river water.  2. Do not misuse water.

**d) Operational Guidelines of what to do in the event of an Earthquake**

<b>Do's</b>	<b>Don'ts</b>
<ul style="list-style-type: none"> <li>• Enrolment of volunteers trained for basic first aid instructions and relief and rescue operations.</li> <li>• Assess the magnitude of problem likely to arise. Carry out studies on possible scenarios of future earthquake to point out gaps in planning and preparedness.</li> <li>• Allotment of responsibilities of officials and non-officials agencies. Coordination of relief and rescue organizations. Identification of search and rescue teams . Assistance from defense services.</li> <li>• Resource evaluation regarding manpower, equipment, transport, hospitals, fire fighting units and so on.</li> <li>• Draw hospital contingency plan.</li> </ul>	<ul style="list-style-type: none"> <li>• Check for injuries for not attempt to move seriously injured person unless they are in immediate danger of further injury.</li> <li>• Check for fires.</li> <li>• Wear shoes in all areas near debris and broken glass.</li> <li>• Check service lines and appliances for damage. Do not use matches or lighters until it has been established that there are no gas leaks.</li> <li>• Draw moderate quantity of water in case service is disrupted.</li> <li>• Do not draw large quantity as this could interfere with fire fighting operation.</li> <li>• Do not eat or drink anything from</li> </ul>

<p>Mobile field hospitals and surgical units.</p> <ul style="list-style-type: none"> <li>• Construction of demonstration earthquake resistant houses suited to the region.</li> <li>• Assess vulnerability of structures and retrofit and strengthen weak structures.</li> <li>• Draw education programs for general masses and school children. Make posters, handouts, films, TV programme, press notes etc.</li> <li>• Train administrators, engineers and masons about earthquake resistant construction.</li> <li>• Collect earthquake motion data by suitable instruments.</li> <li>• Enforce building codes for new construction. While constructing new buildings, follow building codes and other sound practices to minimize earthquake hazards. Build on firm ground or go right up to the bed rock level when laying foundations. Avoid filled up areas for construction as far as possible.</li> </ul>	<p>open containers, specially near shattered glass be prepared for additional earthquake shocks</p> <ul style="list-style-type: none"> <li>• Respond to requests for help from civil, defence, fire services, police and home guards</li> <li>• Do not crowd damaged areas unless help has been requested.</li> <li>• Cooperate with the public safety officials.</li> <li>• Do not spread rumors , they often do great harm following disasters.</li> <li>• Disposal of dead bodies.</li> <li>• Provide emergency shelter and medical aid.</li> <li>• Repair / replacement and restoration of damaged structures/ equipment.</li> <li>• Damage survey-documentation of damage and scientific data.</li> <li>• Rehabilitation and reconstruction of new earthquake resistant construction</li> </ul>
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Emergency Response Resources:

Specialist Resources:

1. Search & rescue teams

<b>Search &amp; Rescue Team(Nulia) of the District</b>							
<b>Sl. No.</b>	<b>Name of PS</b>	<b>Name of Nulia</b>	<b>Contact No.</b>	<b>Sl. No.</b>	<b>Name of PS</b>	<b>Name of Nulia</b>	<b>Contact No.</b>
1	Digha PS	Niranjan Shit	9002862753	27	Digna Mohana Coastal PS	Shyamsunder Das	9679293394
2	Digha PS	Tapan Jana	9800224114	28	Digna Mohana Coastal PS	Nimai Dhal	8373837747
3	Digha PS	Rajib Maity	9635946334	29	Digna Mohana Coastal PS	Tanmoy Maity	8016520961
4	Digha PS	Chaitanya Ghorai	8248382707	30	Digna Mohana Coastal PS	Bikash Ghorai	8768231122
5	Digha PS	Goutam Majhi	7407261182	31	Digna Mohana Coastal PS	Satyajit Dinda	9732194657
6	Digha PS	Ujjal Jana	8016943222	32	Digna Mohana Coastal PS	Soumen Ghorai	9735339042
7	Digha PS	Amal Shit	8967333372	33	Digna Mohana Coastal PS	Siddhartha Bera	7407253306
8	Digha PS	Avishek Patra	9093646281	34	Digna Mohana Coastal PS	Tapas Kr. Jana	9932560604
9	Digha PS	Ratan Kr. Jana	9593165456	35	Digna Mohana Coastal PS	Susmita Metya	9093770966
10	Digha PS	Sushanta Shit	9609647794	36	Mandarmoni Coastal PS	Sahadeb Hazra	9933982259
11	Digha PS	Sanjoy Shit	8372040090	37	Mandarmoni Coastal PS	Md. Sk. Sakir Ali	9635020702
12	Digha PS	Sukumar Patra	9547390106	38	Mandarmoni Coastal PS	Sahid Parvesh Ali Khan	9016984925
13	Digha PS	Ratan Das	7384003097	39	Mandarmoni Coastal PS	Sk. Farman Rahebar	8942842793
14	Digha PS	Milan Das	8972337919	40	Mandarmoni Coastal PS	Bablu Maity	8116959825
15	Digha PS	Arnab Kr. Das	8001481835	41	Mandarmoni Coastal PS	Sk. Javed Kaderi Mahammad	9635432782
16	Digha PS	Subrata Duari	8670033051	42	Mandarmoni Coastal PS	Sk. Saynaj Ali	7031063717
17	Digha PS	Sibsankar Bera	9734459251	43	Mandarmoni Coastal PS	Amalendu Pradhan	8967158708

18	Digha PS	Subrata Khanara	9679405141	44	Mandarmoni Coastal PS	Bellal Ali Khan	7318631579
19	Digha PS	Tapan Kr. Das	7063484305	45	Mandarmoni Coastal PS	Ashutosh Midda	9635214671
20	Digha PS	Mantu Maity	7797445457	46	Mandarmoni Coastal PS	Makhan Lal Tola	8597237198
21	Digha PS	Goutam Pradhan	7602570026	47	Mandarmoni Coastal PS	Tajuddin Ali Khan	8167335957
22	Digha PS	Biswajit Jana	9734607208	48	Mandarmoni Coastal PS	Sk. Jabbur Khalifa	9635224109
23	Digha PS	Anisha Das	9800066475	49	Mandarmoni Coastal PS	Sk. Majidul Uddin	9932132255
24	Digha PS	Susmita Samanta	8967971682	50	Mandarmoni Coastal PS	Sahed Ali Khan	7602505861
25	Digha PS	Aparna Chakraborty	9093015774	51	Mandarmoni Coastal PS	Shyamsundar Das	9083512073
26	Digha PS	Sonali Das	8001095804	52	Mandarmoni Coastal PS	Devraj Chanda	9932221252
				53	Mandarmoni Coastal PS	Tapas Paul	8016544697
				54	Mandarmoni Coastal PS	Avishek Giri	7872221040

Manpower :Support personnel(Aapda Mitra Volunteers list attached)

Detailed List of Aapda Mitra Trained Volunteers for Engagement of Health Security Personnel Purba Medinipur District				
Sl No	Name*	Block Name	Police Station	Mobile No.*
1	PRASENJIT NAYAK	Contai I	Contai	9933685246 7908416546
2	UDAYSANKAR PRADHAN	Contai I	Junput Coastal	8158886109 8972774862
3	BISWAJIT KARAN	Contai I	Junput Coastal	8967212250 8918932487
4	SURJA KANTA BAR	Contai I	Contai	9800498978 8609604791
5	PRITAM PRADHAN	Contai I	Contai	8436823742
6	Lal Kamal Giri	Contai-I	Junput Coastal	9547734391
7	Rajsekhar Jana	Contai-I	Junput Coastal	7584055894
8	Dipnagar Jana	Contai-I	Contai	8972777739
9	Raju Ghorai	Contai-I		9733519130
10	Samiran Mondal	Contai-I		7872603991
11	Suvankar Pradhan	Contai-I		8016217603
12	Rabijit Pattanayak	Contai-I	Contai	9593372053
13	Tapas Kumar Jana	Contai-I		9932560604
14	Chandan Panda	Contai-I	Contai	9732530696
15	Tarasankar Giri	Contai-I	Contai	8348489017
16	Pratim Pradhan	Contai-I	Contai	9679108100
17	Uttam Pradhan	Contai-I	Contai	8170918050
18	Santanu Ojha	Contai-I	Contai	9635341752
19	SHAMBHU DAS	Deshpran	Contai	7431947552 7063113629
20	SUVAM DAS	Deshpran	Contai	9647477170
21	Shankar Bera	Deshpran	Junput Coastal	9647817933

22	Debabrata Giri	Deshapran	Junput Coastal	7872015655
23	Rabi Maity	Deshapran	Junput Coastal	9679121497
24	Sourav Bhunia	Deshapran	Junput Coastal	9734871080
25	Sankar Kumar Giri	Deshapran	Junput Coastal	9732468881
26	Krishna Gopal Giri	Deshapran	Junput Coastal	9733548911
27	Partha Sarathi Kandar	Deshapran	Junput Coastal	8373801339/ 8116062365
28	Manik Chandra Pradhan	Deshapran	Junput Coastal	7602590815/ 8116099368
29	Krishnendu Das.	Deshapran	Junput Coastal	7551832551
30	Suranjan Das.	Deshapran	Junput Coastal	9735337235
31	Sagar Nayak	Deshapran	Junput Coastal	8768307795
32	DIPANKAR MANNA	Deshpran,	Contai	9933491822 9134232327
33	BISWAJIT JANA	Deshpran,	Contai	9002732233
34	Sanjay Das	Khejuri - I	Khejuri	7384072228
35	Satyajit Dinda	Khejuri - I	Khejuri	9732196457
36	CHANDAN MIDYA	Khejuri I	Khejuri	9775637037
37	BUDDHADEB MAITY	Khejuri I	Khejuri	9734430729 7477315596
38	KOUSHIK MAITY	Khejuri I	Khejuri	9593436742
39	GURUPADA MAITI	Khejuri I	Khejuri	9609102623
40	TAPAS DHAURIA	Khejuri I	Khejuri	8001925523
41	SUBHAJIT JANA	Khejuri I	Khejuri	7407068259 9064992375
42	SABITA PRADHAN	Khejuri I	Khejuri	8972438844 9734430729
43	SAHEB MONDAL	Khejuri I	Khejuri	9732277503 9932716225
44	Pintu Das	khejuri-II	khejuri	9564704939
45	Kartik Pahari	khejuri-II	Talpati cosatal	9647067300
46	Raju Mondal	Khejuri-II	khejuri	9735689841
47	Palash Maity	khejuri-II	Talpati cosatal	9735275236
48	BISWAJIT SHIT	Khejuri-II	Khejuri	9735693409, 8768892658
49	SAMIRAN JANA	Khejuri-II	Khejuri	9083881421, 8346969377
50	TANMAY PATRA	Khejuri-II	Khejuri	8436963182
51	PRITAM PANDA	Khejuri-II	Khejuri	7407856065, 8436656609
52	RAMESH CHANDRA PRAMANIK	Khejuri-II	Khejuri	8145668057, 9064201363
53	SOURAV NAYEK	Khejuri-II	Khejuri	8436531082
54	Asit kumar Mishra	Chandipur	chandipur	9735588955
55	Sumit Senapati	Ramnagar-I	Ramnagar	9635262640/ 9679046986
56	Rajendra Munia	Ramnagar-I	Ramnagar	9734525940/ 8346889331
57	Subhendu Chanda	Ramnagar-I	Mandarmoni Coastal	9933156678
58	Dharmendra Bera	Ramnagar-I	Ramnagar	9800448517/ 9647916364
59	Avishek Patra	Ramnagar-I	Mandarmoni Coastal	9564956610/ 8016975315
60	Abhijit Sahoo	Ramnagar-I	Digha Mohana Coastal	9775633767
61	Biswajit Sau	Ramnagar-I	Digha	8348729441/ 8759286620
62	Pradip Dutta	Ramnagar-I	Ramnagar	9532210411/ 7478452551
63	SRIGYAN ATISH DIPANKAR	Ramnagar-I	Ramnagar	8001695060, 9800629772



	ROY			
64	NITTANANDA SHIT	Ramnagar-I	Digha	7602787487
65	ANUP ROY	Ramnagar-I	Ramnagar	9733587510, 8967310694
66	RAJKUMAR RAY	Ramnagar-I	Ramnagar	9609493589, 9547638208
67	RAJIB BERA	Ramnagar-I	Ramnagar	8001228580, 7908635402
68	ANURADHA MAJHI	Ramnagar I	Digha Mohana Coastal	9564766758
69	PINKI JANA	Ramnagar I	Digha Mohana Coastal	9002223489 7699026531
70	AKSHAY SHEE	Ramnagar I	Ramnagar	9735728976
71	SOURAV RATH	Ramnagar I	Digha Mohana Coastal	7872265582 8653094319
72	Dibyandu Barik	Ramnagar-II	Mandarmoni Coastal	9647237708/ 8972120610
73	Surajit Raj	Ramnagar-II	Ramnagar	8348042470
74	Shyam Sundar Das	Ramnagar-II	Ramnagar	9083512073
75	Sanjib Sahoo	Ramnagar-II	Ramnagar	9547612496
76	Saktipada Rout	Ramnagar-II	Ramnagar	9046627001
77	Dipak Mondal	Ramnagar-II	Ramnagar	9609757054
78	Subhasis Roy	Ramnagar-II	Ramnagar	8116218341
79	Abhishek Giri	Ramnagar-II	Ramnagar	7872221040
80	Pradip Das	Ramnagar-II	Ramnagar	9593980653
81	Biswajit Kar	Ramnagar-II	Ramnagar	8158997319
82	Sudipta Hazra	Ramnagar-II	Nandigram	7872707174
83	AMAL MONDAL	Ramnagar II	Ramnagar	8509680366 9679153505
84	SANJOY JANA	Ramnagar II	Ramnagar	8768078366 7319103989
85	GOUTAM BERA	Ramnagar II	Ramnagar	8535955642 8250747211
86	ASIM MANDAL	Ramnagar-II	Ramnagar	8348490660, 8538874223
87	Mirja Badsha Begg	Egra-II	Egra	9614489202
88	Krishna Dulal Das	Egra-II	Egra	7318600814
89	Balaram Das	Egra-II	Egra	9153146707
90	Sovanjit Manna	Egra-II	Egra	7602708837
91	Debkumar Chanda	Egra-II	Egra	9933377858
92	Rajarshi Jana	Egra-I	Egra	9733661033
93	AVIJIT DAS	Egra II	Egra	9547870024 7432877074
94	PALAS DAS	Egra II	Egra	9933383991 7001272213
95	ANUP GIRI	Egra II	Egra	8670091631 9735607396
96	SAGARMOY SASMAL	Egra II	Egra	9153292199 8250230300
97	KIRAN DAS	Egra II	Egra	8145949596 7407407411
98	SUVENDU PRADHAN	Egra II	Egra	8001323559, 7584013658
99	<b>FARIDUL DIN</b>	PANSKURA-I	Panskura	<b>9153518083 7699391684</b>
100	<b>SUMAN METYA</b>	PANSKURA-I	Panskura	<b>7719199679 9732959326</b>
101	<b>SUMAN HANSDA</b>	PANSKURA	Panskura	<b>8436119341</b>
102	<b>MD. SAMIM KHAN</b>	PANSKURA-I	Panskura	<b>7407009006 8967300196</b>
103	<b>KALYAN SING</b>	PANSKURA-I	Panskura	<b>9564141708 9735895310</b>

104	<b>GOURANGA HABAR</b>	PANSKURA-I	Panskura	<b>9547893095 7602186499</b>
105	<b>PRODYOT SAMANTA</b>	PANSKURA	Panskura	<b>9647358902</b>
106	<b>SANTU MUNSI</b>	PANSKURA-I	Panskura	<b>8972114564</b>
107	<b>SUBHAS MUNSI</b>	PANSKURA-I	Panskura	<b>7679769845</b>
108	<b>KRISHNENDU KUMAR PATI</b>	PANSKURA-I	Panskura	<b>9735452597 9775505470</b>
109	<b>SAIKAT SAU</b>	PANSKURA-I	Panskura	<b>8972876244</b>
110	<b>BISWAJIT KAR</b>	PANSKURA-I	Panskura	<b>9734599684</b>
111	<b>SK JABER ALI</b>	PANSKURA-I	Panskura	<b>9679094009 9564676212</b>
112	<b>PRASENJIT PRADHAN</b>	PANSKURA	Panskura	<b>9564448589</b>
113	<b>SAIKAT MONDAL</b>	PANSKURA-I	Panskura	<b>7586039091 7477449737</b>
114	SANJOY SING	Panskura -I	Panskura	7872091332
115	SK. ASLAM ALI	Panskura -I	Panskura	8001022475, 8327266604
116	SOMNATH BERA	Panskura -I	Panskura	8597576303, 8001254906
117	AVIJIT PATTANAYAK	Panskura -I	Panskura	7063155568, 8250943618
118	AMIT GHARA	Panskura -I	Panskura	7076591903, 9002061001
119	SWARNENDU PATTANAYAK	Panskura -I	Panskura	8918647517, 9734425719
120	AMIT KUMAR DEY	Panskura I	Panskura	8436762639
121	PINTU SHEE	Panskura I	Panskura	9002232685 9635208758
122	BIKAS KANTI MANNA	Panskura I	Panskura	9732864210 9679020645
123	SHRIMANTA KUILA	Panskura I	Panskura	7699635763 8617465408
124	ARUN KUMAR PATRA	Panskura I	Panskura	9609511184
125	SUSMITA METYA	Panskura I	Panskura	9093770966 7872149961
126	<b>SUMANTA SARKAR</b>	KOLAGHAT	Kolaghat	<b>8001955931 9232081178</b>
127	<b>KARTICK JANA</b>	KOLAGHAT	Kolaghat	<b>9635981903 9123012537</b>
128	<b>TANUMOY MALAKAR</b>	KOLAGHAT	Kolaghat	<b>9564184893 7477752527</b>
129	<b>SOUMEN GHORAI</b>	MOYNA	Moyna	<b>9735339042</b>
130	<b>RANJIT SAMANTA</b>	MOYNA	Moyna	<b>9647286377</b>
131	<b>MANTU MAITY</b>	MOYNA	Moyna	<b>7797445457</b>
132	<b>HILLOL MAITI</b>	MOYNA	Moyna	<b>7063008708</b>
133	<b>SURAJIT ROY</b>	MOYNA	Nanda kumar	<b>9564897422</b>
134	<b>ARNAB KUMAR MANDAL</b>	MOYNA	Moyna	<b>8509235050 7001275652</b>
135	<b>TANMAY MAITI</b>	MOYNA	Moyna	<b>8016520961</b>
136	Prasanta Manna	Moyna	Moyna	8972470372
137	<b>SUDARSON MONDAL</b>	MOYNA	Moyna	<b>7797374956 9064650805</b>
138	<b>PRAVAT DAS</b>	MOYNA	Moyna	<b>9474802430</b>
139	<b>SWAPAN DAS</b>	MOYNA	Moyna	<b>8768400674</b>

140	<b>ASIS JANA</b>	MOYNA	Moyna	<b>9734743321</b>
141	<b>DIBYENDU MAITI</b>	MOYNA	Moyna	<b>9832857008 7001079507</b>
142	<b>BIKASH GHORAI</b>	MOYNA	Moyna	<b>8768231122</b>
143	<b>GANESH MAITI</b>	MOYNA	Moyna	<b>9735724170</b>
144	SURAJIT BAG	Moyna	Moyna,	8927358069
145	DEBANJAN BERA	Moyna	Moyna,	7797725667
146	KRISHNA RANI SAMANTA	Moyna	Moyna	8768462906
147	KRISHNA MAITY	Moyna	Moyna	9332356321
148	KOUSHIK GHORAI	Moyna	Moyna	7872962204, 6294111132
149	KISHORE MAITY	Moyna	Moyna	9832981679, 8001183097
150	KRISHNENDU MAITI	Moyna	Moyna	9609248405, 9647448726
151	<b>SIDDHARTHA KAR</b>	TAMLUK	Tamluk	<b>9647984634</b>
152	<b>SUDARSAN KAR</b>	TAMLUK	Tamluk	<b>9679443836</b>
153	<b>SUSANTA KUMAR PARIA</b>	TAMLUK	Tamluk	<b>7602162967 8653499086</b>
154	<b>CHIRANJIT MIDYA</b>	TAMLUK	Kolaghat	<b>9800958173</b>
155	<b>KALYAN CHAKRABORTY</b>	TAMLUK	Tamluk	<b>8670880435</b>
156	<b>SOUMEN THANDAR</b>	TAMLUK	TAMLUK	<b>7063088188</b>
157	<b>SUBRATA KANDAR</b>	TAMLUK	Tamluk	<b>9002627942 9733735411</b>
158	<b>SUMAN ROUT</b>	TAMLUK	Tamluk	<b>8172020872</b>
159	<b>SANKAR JANA</b>	TAMLUK	Tamluk	<b>7679512319 7679121560</b>
160	<b>SUDIP KUMAR MAITY</b>	TAMLUK	Tamluk	<b>9635888822</b>
161	<b>SILTU KANDAR</b>	TAMLUK	Tamluk	<b>8293031916 8001621030</b>
162	<b>TARUN KUMAR MAITY</b>	TAMLUK	Tamluk	<b>9002652298 9933041836</b>
163	BALARAM MAITY	Tamluk	Tamluk	9800185137
164	PIJUS DATTA	Tamluk	Tamluk	9635600653
165	SUVAJIT ADAK	Tamluk	Tamluk	9733969537, 7865886245
166	SUBHANKAR MAITY	Tamluk	Tamluk	9002278364, 9851817735
167	CHANDRA SEKHAR ADAK	Tamluk	Tamluk	9609353957, 9763485477
168	SOUVIK BERA	Tamluk	Tamluk	7407122782
169	SRABANTI JANA	Tamluk	Tamluk	8927408721 8373016160
170	SUBHASIS MANDAL	Tamluk	Tamluk	9800520973 8648873416
171	SUSANTA BHOWMICK	Tamluk	Tamluk	9800455529
172	SABUJ BARAN DAS	Tamluk	Tamluk	9800659698, 8250733362
173	ARUN KUMAR SAMANTA	Nandakumar	Nandakumar	9800740350 8001095989

174	RANAJIT DAS	Nandigram II	Nandigram	9749237556
175	NEPAL PRAMANIK	Nandakumar	Nandakumar	7478923898
176	BRAJAGOPAL MAL	Nandakumar	Nandakumar	9647146947
177	SANTU PRAMANIK	Nandakumar	Nandakumar	9547902516
178	PURUSOTTAM CHARAN	Nandakumar	Nandakumar	9733928835 9647826403
179	SAIKAT BHUNIA	Nandakumar	Nandakumar	8609967061
180	DEBABRATA BERA	Nandakumar	Nandakumar	7001854053 9564287848
181	TARASANKAR BHAKTA	Nandakumar	Nandakumar	9002040486 9614593571
182	DEBASIS KHANRA	Nandakumar	Nandakumar	9002083566 7001384403
183	SWAPAN KUMAR BARAI	Mahishadal	Mahishadal	9735496538 7872009602
184	TAPAN KUMAR DAS	Nandakumar	Nandakumar	7063484305 9932420576
185	DEBASISH PATRA	Nandakumar	Nandakumar	8967216126 9851192366
186	SUBRATA KHANRA	Nandakumar	Nandakumar	9679405141 6294135218
187	APURBALAL BHOWMIK	Nandakumar	Nandakumar	8373880368
188	CHANDAN MAJI	Nandakumar	Nandakumar	9593010260
189	SUKANTA BARMAN	Nandakumar	Nandakumar	8101210067, 8016630311
190	CHANDAN PAUL	Nandakumar	Nandakumar	9932289570, 8207235650
191	MANAS MANDAL	Nandakumar	Nandakumar	9800223359
192	BIMAL SAMANTA	Nandakumar	Nandakumar	8348943359
193	GOBINDA PANDA	Nandakumar	Nandakumar	8370863274, 7384156122
194	RAJIB PATRA	Nandakumar	Nandakumar	8389030746
195	DIPANKAR SAMANTA	Nandakumar	Nandakumar	6294498970, 9679062006
196	AMIT PRAMANICK	Kolaghat	Kolaghat	7872149961 7001142389
197	DHRUBAJYOTI BANSH	Bhupatinagar II	Bhupatinagar	9564096373 9933014201

### Medical Support:

### Ambulance:

Sl. No	Registration No	Owner Name	Address	Mobile No
1	WB29 3084	CHAIRMAN TAMLUK MUNICIPALITY	TAMLUK, PURBA MEDINIPUR	Not Avlble
2	WB29 0760	SIKHA JANA	PARBATIPUR, TAMLUK	Not Avlble
3	WB29 8463	AURNAVA SAMANTA	DAHARPUR, TAMLUK	Not Avlble
4	WB29 8392	SECRETARY HOGLA SM S R COMMITTEE	HOGLA	9732818992
5	WB29A 0163	CHAIRMAN PANSKURA MUNICIPALITY	WARD NO 6 , PANSKURA	9474001540
6	WB29 7553	SECRETARY SABUJ SANGHA	UTTAR MECHAGRAM	9635735728
7	WB29 6907	GUJAR KHARUI NEW TARUN SANGHA	VILL-GUJAR KHARUI	Not Avlble
8	WB29 6881	SHAKTIPADA SAMANTA	VILL+P.O-GOPALPUR	9434840908
9	WB29 2620	JANATA CO OP AGRI SOCIETY LTD	BHOLSARA	Not Avlble
10	WB29 3484	NEW LIFE LINE	DURGACHAK	Not Avlble
11	WB29 1840	SUBRATA SAHOO	BATTALA	8640838679
12	WB29 3263	MS INDIAN OIL CORPORATION LTD	HALDIA REFINARY, HALDIA	Not Avlble
13	WB29 3262	MS INDIAN OIL CORPORATION LTD	HALDIA REFINARY, HALDIA	Not Avlble
14	WB29 7090	DILIP PATRA	VILL+PO-BHAGAWANPUR,	7407582466
15	WB29 8129	SYED FEAS ALI	VILL- DALIMBACHAK	Not Avlble
16	WB29 6096	ANIRBAN TRANSPORT SERVICE	CHIRANJIBPUR C P T COMPLEX	9434095555

17	WB29 6016	FALGUNI CHAKRABORTY	PARBATIPUR	7872746233
18	WB29 4595	NEW LIFE LINE	DURGACHAK UTTAR PALLI	Not Avble
19	WB29 4077	DILIP KUMAR MAITY	VILL-DHARINDA,P.O-+P.S-TAMLUK	Not Avble
20	WB29 8665	THE SEC DHALHARA TARUN SANGHA	UTTAR DEHALHARA	Not Avble
21	WB29A 0147	PRADHAN NANDIGRAM GP	NANDIGRAM	Not Avble
22	WB29 8183	JAGAT MOHAN SAMANTA	PADUMDASAN	9434690183
23	WB29 7360	SECRY PURUSOTTAMPUR	PURUSOTTAMPUR	9932728801
24	WB29 5220	MS MAHISHADAL YOUTH CUL ORG	GARH KAMALPUR	Not Avble
25	WB29 8205	INDIAN OIL CROP LTD	HALDIA	Not Avble
26	WB29 8204	INDIAN OIL CROP LTD	HALDIA	Not Avble
27	WB29 4647	DILIP GHORAI	SANKARAYA,(TOWN)	Not Avble
28	WB29 3425	LALIT MOHAN SAMANTA	BISWAS	Not Avble
29	WB29 4328	MEDILUCK SEVA SERVICE	SAMIRAN BAITALIK AND BINOD PANDIT	Not Avble
30	WB29A 0552	INDUSTRIAL SERVICES	KALYANI DEY	9434180024
31	WB29 7345	SECY TAMLUK SWIMMING CLUB	X	Not Avble
32	WB29A 1617	TAPAN KAR	SRIRAMPUR	9933915997
33	WB29 3612	HALDIA PETRO CHEMICAL LTD	DURGACHAK,	Not Avble
34	WB29 8465	BAHAGRAM SARBAHARA UNAYAN SAN	BAHAGRAM	9635735728
35	WB29A 0253	BISWAJIT PANDIT	PADAMBASAN	9434624883
36	WB29A 0356	MEHERBAN MALLICK	BARBARISA	Not Avble
37	WB29 7593	THE SECRATORY KELOMAL T SANGHA	BANAMALIKALUA, KELOMAL	Not Avble
38	WB29 4228	HALDIA LIONS EYE HEALTH CARE	LIONS PARK, P.O+P.S-DURGACHAK	Not Avble
39	WB29 1573	GEN SEC VIVEKANANDA MIS ASRAM	CHAITANAYAPUR	Not Avble
40	WB29 2690	GEN SEC VIVEKANANDA MIS ASRAM	CHAITYANAPUR	Not Avble
41	WB29 6804	GEN SEC VIVEKANANDA MIS ASRAM	CHAITYANAPUR	Not Avble
42	WB29 8249	SUNIL MAHAPARU	CO ASHIM DEY	Not Avble
43	WB29 8918	PRESIDENT KASHBA YOUTH	KASHBA	Not Avble
44	WB29 8488	INDIAN CENTRE FOR AD RE EDUCA	I CARE COMPLEX	Not Avble
45	WB29A 0335	KALYANI BHUNIA	VILL- TAHALIA PO- ARGOAL	9732986016
46	WB29 4299	SYED FEAS ALI	KUMARPUR PURBA PASCHIM PARA	9434802383
47	WB29 2845	MILAN DEY	PARBATIPUR	Not Avble
48	WB29A 0361	PRADHAN MAHAMMADPUR G P NO 2	MAHAMMADPUR, NILPUR	Not Avble
49	WB29 8399	SECRETARY BHARAT SEBASHRTAM	MAHISHADAL	Not Avble
50	WB29A 0386	SWAPAN DOLOI	ERASHAL, NANDAPUR	9434611686
51	WB29A 2685	PRADHAN BAKCHA GRAM PRADHAN	VILL+ PO- BAKCHA,	Not Avble
52	WB29 3589	BAKIM PATTANAYAK	VILL+P.O-BYABATTARHAT	Not Avble
53	WB29 6054	PALLI MANGAL SAMITY	RAMCHANDRAPUR	Not Avble
54	WB29 1726	PRESIDENT HALDIA ROYAL SOCIETY	DURGACHAK	Not Avble
55	WB29A 1342	EX OFFICER RAMNAGAR P SAMITY 1	RAMNAGAR	Not Avble
56	WB29 1986	MS INDUSTRIAL SERVICES	KALYANI DEY	9734370871
57	WB29 2448	SMT ANUPAMA CHOUDHURY	VILL- SANKARYARA	Not Avble
58	WB29A 0951	MRS JARINA BIBI	AMALHANDA, AMALHARA	Not Avble
59	WB29A 1350	SUBAL BID	VILL+P.O+P.S-BHUPATINAGAR	9932934794
60	WB29A 0733	PRADHAN KALICHARANPUR G P 9	KALICHARANPUR, GARCHAKRABERIA	Not Avble
61	WB29 8673	MCCPTA INDIA COPORATION PVT LTD	VILL.-BHUNIA RAICHAK	9434180024
62	WB29A 1693	THE EXE OFFICER CHANDIPUR P S	MATH CHANDIPUR	Not Avble
63	WB29A 1038	AMARLATA GRAMIN S FOUNDATION	GODAIBALBAR,	8670226142
64	WB29A 2128	MS H D C PENSION WELFARE ASSOC	QTR. 9/25B HALDIA	9474000987
65	WB29A 1353	THE CHAIRPERSON HALDIA MUNIC	VILL + P.O. DEBHOG	Not Avble
66	WB29 8143	SHAIKH ARSAD ALI	JOYKRISHNAPUR	9434005422
67	WB29 8661	BARUN KUMAR DAS	BARGODAGODAR	9800776293

68	WB29A 1106	BISHNU PADA GURIA	PYRATUNGI	9332611458
69	WB29A 1697	MANSUR ALI KHAN	BHABANIPUR	Not Avlble
70	WB29A 1563	EXE OFFICER CONTAI I PSAMITY	CONTAI	Not Avlble
71	WB29 4867	THE DISTRICT MAGISTRATE	TAMLUK	Not Avlble
72	WB29A 1485	PRADHAN JANKA GRAM PAN KHEJURY	KHEJURI BLOCK 2 JANKA	Not Avlble
73	WB29A 1561	EXCUT OFFICER RAMNAGAR 2 P SA	BALISAI	Not Avlble
74	WB29A 1567	EXCUT OFFECER EGRA2 P SAMITI	EGRA	Not Avlble
75	WB29A 1473	EXE OFFICER PATASPUR 2 P SAMIT	PRATAPDIGHI,	Not Avlble
76	WB29A 1472	GRAM PRADHAN PATASPUR 2 G P	PATASHPUR,	9732718648
77	WB29 4075	RADHARANI PARUA	DAHARPUR,	Not Avlble
78	WB29A 1539	PRADHAN GARBARI 1 G PANCHAYET	GARBARI, KISMAT BAJKUL,	Not Avlble
79	WB29A 1457	EXE OFFICER DESHAPRAN P SAMITY	SOFIABAD	Not Avlble
80	WB29A 1455	PRADHAN BASUDEVBERIA G P 8	UDBADAL	Not Avlble
81	WB29A 1444	EXCU OFFICER BHAGABANPUR I P S	KAJLAGARH	Not Avlble
82	WB29 3563	HALDIA TRANKER OWNER ASSOSIATI	DURGACHAK, HALDIA	9434506935
83	WB29A 1814	SEKH SAHABIT ALAM	KASHIPUR, DOROKASHIPUR,	9800808754
84	WB29 6186	CHIEF MEDICAL OFFICEROF HEALTH	ON BEHALF OF	Not Avlble
85	WB29A 1810	EXE OFFICER CONTAI IIP SAMITY	SILLIBARI	Not Avlble
86	WB29A 1909	PRADHAN SAORABERIA JALPAI INO	MOTILALCHAK	Not Avlble
87	WB29A 2165	DIGHASIPUR AWAHANI CHAKRA	DIGHASIPUR TALPUKUR,	Not Avlble
88	WB29A 1851	THE EXE OFICER MDL PANC SAMITY	MAHISHADAL	Not Avlble
89	WB29 6855	SECRETARY NISHANA NGO	NANDIGRAM	Not Avlble
90	WB29 8117	PROJECT DIRECTOR HSDI	HEALTH AND FAMILY WELFARE DEPTT	Not Avlble
91	WB29A 2635	THE PRADHAN PARAMANANDAPUR GP	VILL+ PO- PARAMANANDAPUR,	9732921362
92	WB29A 3090	PRADHAN SIMULIA GRAM PANCHAYAT	VILL- BARTAN,	Not Avlble
93	WB29A 2717	BAGNAN CHETANAYKA SPORTING CLUB	DHARINDA	8145215876
94	WB29 8119	PROJECT DIRECTOR H S D I	DISTRICT MAGISTRATE	Not Avlble
95	WB29 6183	CHEIF MEDICAL OFFICE OF HEALTH	ON BEHALF OF DISTRICT MAGSITRATE	Not Avlble
96	WB29A 2603	PRADHAN BENUDIA GRAM PANCHAYET	VILL- BENUDIA,	Not Avlble
97	WB29 6182	CH MEDICAL OFFICER OF HEALTH	DISTRICT MAGISTRATE	Not Avlble
98	WB29 6187	CH MEDICAL OFFICER OF HEALTH	DISTRICT MAGISTRATE	Not Avlble
99	WB29A 2322	VMA SWAMI BISWANATHANANDA	VILL+PO-CHAITANYAPUR, PS- SUTAHATA	9933019178
100	WB29A 2557	ARUNAVA SAMANTA	DAHARPUR,	9332612459
101	WB29A 2338	MR JAGATMOHAN SAMANTA	VILL- PADUMBASAN,	9434611668
102	WB29 9880	CHAIRMN HALDIA MUNICIPALITY	DEBHOG,	Not Avlble
103	WB29 6190	CH MEDICAL OFFICER OF HEALTH	DISTRICT MAGISTRATE,	Not Avlble
104	WB29 6185	CHEIF MEDICAL OFFICER OF HEALT	ON BEHALF OF DISTRICT MAGISTRATE	Not Avlble
105	WB29A 2969	PRADHAN DEBHOG GR PANCHAYAT	VILL- CHOULKHOLA,	Not Avlble
106	WB29A 2775	PRADHAN BHEKUTIA G PANCHAYET	BHEKUTIA,	Not Avlble
107	WB29A 2805	MS KOLAGHAT NAGARIC SAMAJ	VILL- KOLA,	9932101801
108	WB29A 3135	PRADHAN GURGRAM GRAM PANCYAT	VILL- NONABIRAMPUR,	Not Avlble
109	WB29A 3074	MS MEDIPOINT	PROP - KAKALI ROY	9332472084
110	WB29A 2922	VIVEKANANDA LOKA SIKSHA MONDIR	MURADPUR	Not Avlble
111	WB29A 2965	CHAIRMAN TAMLUK MUNICIPALITY	TAMLUK MUNICIPALITY,	Not Avlble
112	WB29A 2923	PRADHAN MAHAMMADPUR I GP	NIMAKBARH,	Not Avlble
113	WB29A 2868	PRADHAN BIRULIA GRAM PANCHAYAT	VILL- BIRULIA, P.O.- BIRULIA,	9775515530
114	WB29A 3008	MS KHANCHI SPORT & S SERVICES	VILL+ PO - KHANCHI,	Not Avlble

115	WB29 1274	MANAGAR P&E CPT HALDIA	HALDIA DOCK COMPLEX,CHIRANJIBPUR	Not Avble
116	WB29 0914	MANAGER P&E CPT HALDIA DOCK CO	CHIRANJIBPUR, HALDIA	Not Avble
117	WB29 0768	MANAGER P &EHALDIA DOCK COMPLX	HALDIA	Not Avble
118	WB29A 3453	GOPALNAGAR GRAM PANCHAYAT	VILL- GOPALNAGAR,	Not Avble
119	WB29 6189	CHIEF MEDICALOFFICER OF HEATH	ON BEHALF OF DISTRICT MAGISTRATE	9732752643
120	WB29A 3005	MS PAYRATUNGI AMLUK DEV SOCITY	PROJECT OFFICE BYABATTARHAT	9609428864
121	WB29A 3532	PRADHAN DAUDPUR GRAM PANCHYAT	VILL-+ PO -DAUDPUR,	Not Avble
122	WB29A 3533	PRADHAN KENDAMARI G PANCHAYAT	VILL- GOPIMOHANPUR,	Not Avble
123	WB29A 3334	BIMAL KUMAR MONDAL	SHANKARARA	7699053163
124	WB29A 3418	NABARUN SEVA NIKETAN	PULSITA	9732773192
125	WB29A 3202	MS SHIFA H AND EDN WELF TRUST	VILL+ PO - GARCHAKRABERIA	Not Avble
126	WB29A 3147	PRADHAN GOKULNAGAR GRAM PANCH	VILL-+ P.O. - TEKHALI BAZAR,	Not Avble
127	WB29A 4044	SAMARENDRANATH JANA	DURGACHAK UTTARPALLI	9564794308
128	WB29A 4045	PRADHAN KALYANPUR G P	NANDAKUMAR PANCHAYAT SAMITI,	9800984436
129	WB29A 4077	SARBERIA JALPAI 2 NO GRAM PANC	MULAKHOP	Not Avble
130	WB29A 4352	PRADHAN USMANPUR GR PANCHAYAT	VILL - SULTANPUR,	9734635748
131	WB29A 4035	PRADHAN HOREKHALI GRAM PAN 4	FINGA	Not Avble
132	WB29A 4010	PANSKURA MUNICIPALITY	VILL+ PO - PANSKURA,	Not Avble
133	WB29A 4014	INDIA POWER CORPORATION HALDIA LTD	KASHBERIYA, SHIBRAMNAGAR,	9847627100
134	WB29A 4191	SANJOY AND LIPIKA MUKHERJEE	VILL - BARBARISHA,	9434510094
135	WB29A 4118	ANANTAPUR II GRAM PANCHAYAT	CHANSERPUR	Not Avble
136	WB29A 4137	PRADHAN SONACHURA 10 NO GP	VILL- GANGRA,	Not Avble
137	WB29A 4111	SUMAN ADAK	TOWN SHANKARA	9332611458
138	WB29A 4407	MR ARUNABHA SAMANTA	VILL- DAHARPUR,	9332612459
139	WB29 5937	C P HALDIA MUNICIPALITY	DR. B.R. AHAMEDKAR BHAWAN	Not Avble
140	WB29A 4730	DR NORMAN BETHUNE MEMOR TRUST	SANTIPUR,MECHEDA	9564387029
141	WB29A 4500	AMAR SANGHA CLUB	VILL- SALGACHIA,	9475435194
142	WB29A 4377	INDIAN OIL CORPORATION LTD	HALDIA REFINERY, HALDIA	9434032398
143	WB29A 4378	INDIAN OIL CORPORATION LTD	HALDIA	9434032398
144	WB29A 4280	MR KRISHNA PADA GIRI	VILL- BANSHGORA,	9733532203
145	WB29A 4281	MR PRASANTA JANA	VILL- PURBA GURTALA,	Not Avble
146	WB29A 4751	MS MECHEDA JAGARAN	REG.NO.SIILI-65744M MECHEDA,	Not Avble
147	WB29A 4570	PRADHAN BARGODA GODAR GP	P.O. - SULOCHANA , P.S.- NANDAKUMAR	9933312713
148	WB29A 4458	PRADHAN KARKA GRAM PANCHAYAT	KAKRA	Not Avble
149	WB29A 4462	EXE OFFICER NANDIGRAM 11 P S	VILL+ P.O. - REAPARA,	Not Avble
150	WB29A 4453	C M O H PURBA MEDINIPUR	P.O.- TAMLUK	Not Avble
151	WB29A 4975	SANJOY AND LIPIKA MUKHERJEE	BARBARISHA,KOLAGHAT	9434510094
152	WB29A 5023	TO THE PRADHAN JOYNAGAR GP	J0YNAGAR,DOROJOYNAGAR	Not Avble
153	WB29A 4644	MR MANAS PANDIT	VILL+ P.O. - DURGACHAK	9933564921
154	WB29A 4770	THE PRADHAN BETKUNDU G PANCHAY	MAHISHADAL PANCHAYAT SAMITY	Not Avble
155	WB29A 4674	MS PUNJ LLOYD LTD	BANESWARCHAK,GOPALCHAK	Not Avble
156	WB29A 4776	THE PRADHAN TILKHOJA G P	VILL & P.O.TILKHOJA	9735649079
157	WB29A 5360	PRADHAN ISWARPUR GRAM PANCHYAT	P.O.ISWARPUR	Not Avble
158	WB29A 5359	PRADHAN NANDAPUR BARAGHUNI G P	NANDAPUR	Not Avble
159	WB29A 5358	PRADHAN CHOWKHALI G PANCHYAT	VILL.+P.O- KOTEBARH	Not Avble

160	WB29A 5160	MS MOYNA 1 GRAM PANCHAYET	GARSAFAT	9434624653
161	WB29A 5220	THE GEN SECY V M A N N NIKETAN	CHAITANYAPUR	Not Avlble
162	WB29A 5786	KORBAN SHA	MYSORA,S.S.PATNA	Not Avlble
163	WB29A 5281	HIMANGSHU MANNA	PADUMBASAN	9126358940
164	WB29A 5282	SAHIDMATANGINI PANCHAYATSAMITY	CHATRA,BURARIHAT	9933894111
165	WB29A 5404	NARAYAN CH DHARA	RAYRACHAK, PITAMBARCHAK	Not Avlble
166	WB29A 5373	E O TAMLUK PANCHAYAT SAMITY	VILL.+P.O.NAIKURI	Not Avlble
167	WB29A 5238	ASHOKA DHANKUNI KGP TOLLWA LTD	C/O NITYANANDA MAITI,KAKDIHI	9932516740
168	WB29A 5237	ASHOKA DHANKUNI KGP TOLLWA LTD	C/O NITYANANDA MAITI,KAKDIHI	8420119387
169	WB29A 5552	THE SUPTD HALDIA S D HOSPITAL	BASUDEVPUR	Not Avlble
170	WB29A 5478	M C C INDIA CORP PVT LTD	VILL.+P.O-BHUNIA RAICHAK	9434180024
171	WB29A 5498	GENERAL MANAGER	C/O-MADRAS CEMENT LTD,RAKSHACHAK	9800004063
172	WB29A 5490	E O TAMLUK PANCHY SAMITY	VILL.+P.O.NAIKURI	Not Avlble
173	WB29A 5479	MANAGER ADMINISTRATION	HALDIA DOCK COMPLEX,JAWAHAR TOWER	9434031856
174	WB29A 5310	MANAGER ADMN H DOCK COMPLEX	KOLKATA PORT TRUST,JAWAHAR TOWER	9434031856
175	WB29A 5463	INDUSTRIAL SERVICES	PROP.KALYANI DEY, BASUDEVPUR	9434180024
176	WB29A 5600	PRADHAN KUMARARA G P	KUMARARA,	9474616325
177	WB29A 5680	KALAI AVINANDAN SEVA SANGHA	KALAI	9732976136
178	WB29A 5681	GOBINDA NAGAR GRAMPANCHYAT	JOYKIRSHNAPUR	9734472812
179	WB29A 5685	SOBRIETY SANGHA	PADUMBASAN	7797031495
180	WB29A 5841	EXECUTIVE OFFICER NANDIGRAM1	NANDIGRAM	8348595920
181	WB29A 5668	TATA STEEL LTD	HOOGLY METCOKE DIV	9933001089
182	WB29A 6032	MADAN MOHAN MAJI	HOGLABERIA, RAMTARAKHAT	9732557497
183	WB29A 6069	PRADHAN MAHAMMADPUR II G P	MAHAMMADPUR,	9874563212
184	WB29A 5777	CHAMPA RANI NASKAR	RAMNAGAR PASCHIM, JAGANNATHCHAK	8101218592
185	WB29A 5952	JANAKALYAN SEVA SADAN	ERASHAL, MATHCHANDIPUR	9434703971
186	WB29A 6103	PANCHAMI GHOSH	PURBA PITPUR, KESHAPAT	9735398418
187	WB29A 6102	PRADHAN BHOGPUR GRAM PANCHAYAT	JHOKURKUL, JAFULLY BIBICHAK	9732548796
188	WB29A 6101	PRADHAN BAISHNABCHAK G P	JHOKURKUL, JAFULLY	9732548965
189	WB29A 6334	SAMIR MAITY	SARIPUR, ISWARPUR	9474328145
190	WB29A 6106	MADAN PATRA	KALAGECHIA, DAYALDASI	7602998352
191	WB29A 5903	PRADHAN SATISH SAMANTA G PANCH	VILL+ P.O.- GOPALPUR,	9847563783
192	WB29A 5902	PRADHAN NATSHAL 1 G PANCHAYAT	VILL- NATSHAL, P.O.- GEONKHALI,	9485736364
193	WB29A 6068	RABINDRA NATH ACHARYA	DIBAAKARPUR, BARAGHUNI	9732601789
194	WB29A 6802	G S V M ASHRAM N N NIKETAN	CHAITANYAPUR	9234457462
195	WB29A 6303	SIMULIA DESHPRIYA	SIMULIA	9584632589
196	WB29A 6157	NARAYAN CH GHOSH	KESHABPUR JALPAI,	9933362831
197	WB29A 6890	BRAJALALCHAK B B B COMMITTEE	BRAJALALCHAK	9564304217
198	WB29A 6644	BRINDABANPUR II GRAM PANCHAYAT	CHANDIPUR, NARGHAT	9734381240
199	WB29A 6753	SIDDHA 1 NO GRAM PANCHAYAT	SIDDHA	9733909473
200	WB29A 6539	ALOK SARKAR	PARBATIPUR	8001065527
201	WB29A 6247	SANKAR MANNA	PURBA CHILKA	9849796091
202	WB29A 6839	SRIRAMPUR GNSCSTMD ORGANIZATIO	SRIRAMPUR	9733830408
203	WB29A 6173	SWAPAN MAITY	UTTARHINGLY, BARUTTARHINGLY	8768128034
204	WB29A 6193	HATIBERIA BABSAY KALYAN SAMITI	BRAJANATHCHAK, HALDIA PORT	9434940619
205	WB29A 6364	CHAKDWIPA TARUN SANGHA	CHAKDWIPA	9434118454
206	WB29A 6377	PRADHAN BRINDABANCHAK G P	BRINDABANCHAK	9475885514
207	WB29A 6279	SRIRAMPUR 1 GRAM PANCHAYET	SRIRAMPUR, SRIRAMPSUR(MID)	9933496601

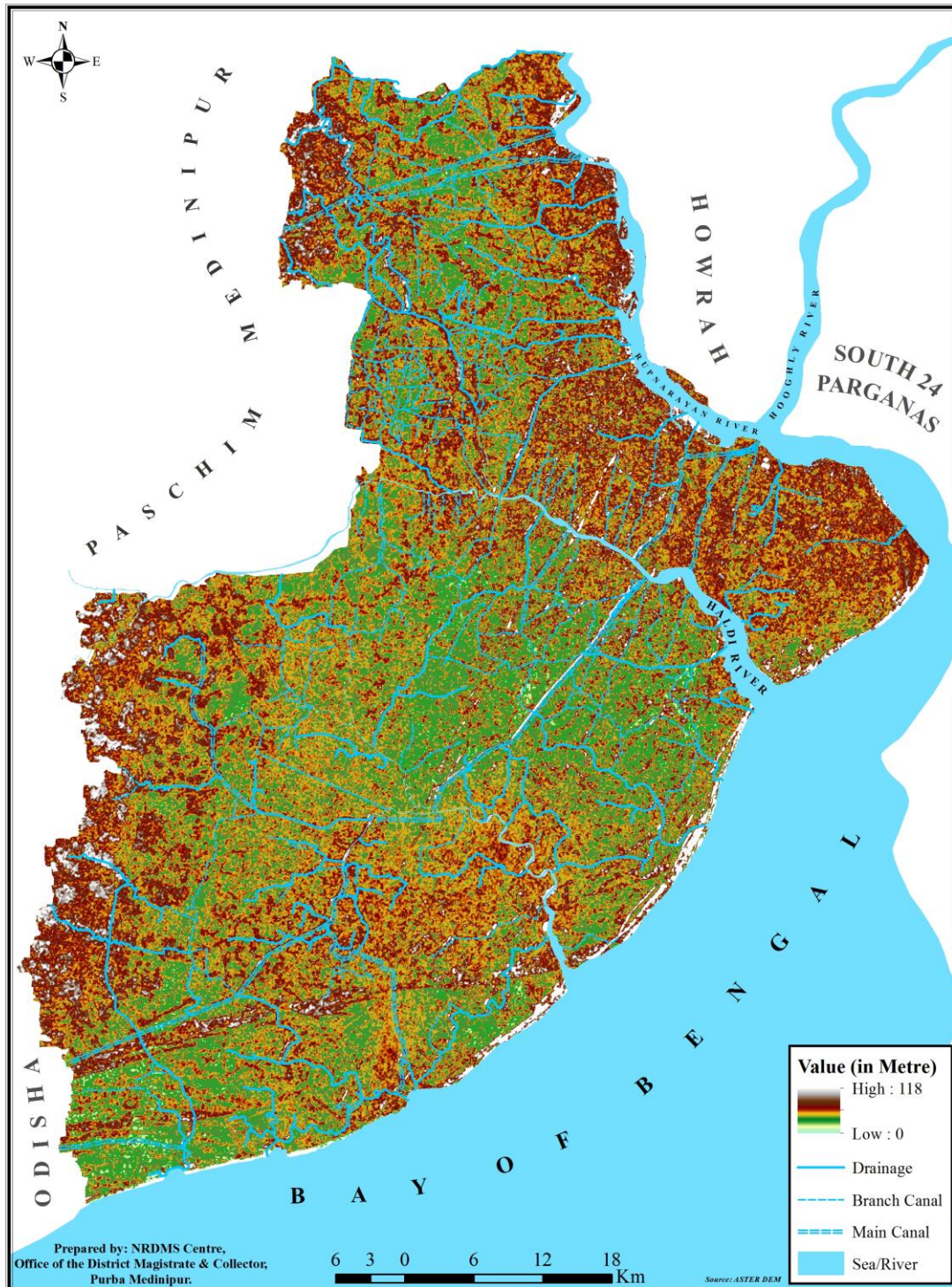


208	WB29A 6361	MASURIA NABIN SANGHA	MASURIA, LAKSHYA	9007884751
209	WB29A 6304	PRADHAN RAGHUNATHPUR GP	DEMARIHAT	9845947219
210	WB29A 6888	NANDIGRAM 2N PANCHAYAT SAMITY	REAPARA	9433077760
211	WB29A 6845	HALDIA MUNICIPALITY	DR. B.R.AMBEDKAR BHAWAN ADMN.	9434218219
212	WB19C 3366	SANKAR DAS	VILL PO BHUPATINAGAR	9433629334
213	WB29A 6833	PRADHAN ITAMAGRA I G P	MAHISHADAL	Not Avlble
214	WB29A 6800	MRS KOLAGHAT SANKET CLUB	KOLAGHAT (NUTUN BAZAR)	9830279044
215	WB29A 6634	U NARGHAT GANGA UTSAB SAMITY	NARGHAT LS.	9732589647
216	WB29A 7222	DAKSHIN CHANGRACHAK IRIS CLUB	DAKSHIN CHANGRACHAK , MOYNA	9473542266
217	WB29A 6914	ADITYA MANNA	PADUMBASAN	9732583142
218	WB29A 6894	JAHIR ABBAS KHAN	PURBA PITPUR, KESHAPAT	9474449266
219	WB29A 6639	MATANGINI SEVA PRATISTHAN	KOLA	9903009699
220	WB29A 6837	SITALPUR PASCHIM G P	SITALPUR	Not Avlble
221	WB29A 6704	NIMTOURI BHARAT SANGHA	NIMTOURI	9434146764
222	WB19E 4303	ANIMESH KARAN	VILL+PS - CHANDIPUR	9474756325
223	WB29 5013	THE SECRETARY	MIDNAPUR DISTRICT PHYSICAL AND YUGA	9732667974
224	WB29A 7520	MS HALDIA MOTOR TRNS L O ASSON	CITY CENTER , DEBHOG	9732800516
225	WB29A 7293	HALDIA TANKER OWNERS WEL ASSO	DURGACHAK , HALDIA	9547599383
226	WB29A 7054	KULBARI GRAM PANCHAYAT	BARSIMULBARI,	9732764818
227	WB29A 7558	MS DR NORMAN B MEMORIAL TRUST	SANTIPUR , MECHEDA	9434612166
228	WB29A 7590	SUDARSHAN DAS	PADUMBASAN , TAMLUK	9732555550
229	WB29A 7658	BHAJACHAULY GRAM PANCHAYAT	SHIKHARPATRABAR, DHANGHARA	9434098204
230	WB29A 7905	MRS TAPASI BETAL MONDAL	DURGACHAK UTTAR PALLI ,	9734363119
231	WB29A 7910	MS IOC LTD	HALDIA REFINERY ,	8972437045
232	WB29 8114	HSDI HEALTH AND FAMILY W DEP	GOVT OF W B SWASTHA BHAWAN	9933692795
233	WB29A 7744	D M PURBA MEDINIPUR	TAMLUK ,	9830146114
234	WB29A 7745	D M PURBA MEDINIPUR	TAMLUK	9830146114
235	WB29A 7747	D M PURBA MEDINIPUR	TAMLUK	9830146114
236	WB29A 7748	D M PURBA MEDINIPUR	TAMLUK	9830146114
237	WB29A 7750	D M PURBA MEDINIPUR	TAMLUK	9830146114
238	WB29A 7790	SAHARA SAHID MATANGINI BLOCK	WELFAR SOCIETY , SAHORA	8348370739
239	WB29A 7791	UTTARAYAN	TAMLUK BADAMTALA ,	9434230823
240	WB29A 7793	NABAPRABHAT SANGHA	ISWARDAHA JALPAI ,	9733644642
241	WB29A 7794	RAYCHAK MORNING STAR CLUB	RAYCHAK , SAJINAGACHI	9733592282
242	WB29A 7795	MAHISHADAL COSMOS CLUB	GARKAMALPUR ,	9436143732
243	WB29A 7797	GIRISMORE DOKANDAR COLONY SAMI	GIRISHMOIRE , KHANJANCHAK	9476479805
244	WB29A 7860	NILIMA GHORAI	SANKARARA , TAMLUK	7601636830
245	WB29A 7870	MATANGINI JANAKALYAN SHANTI SO	BAR PADUMBASAN , TAMLUK	9932029480
246	WB29A 7938	ITAMAGRA II G P	KESHABPUR , JALPAI	9434098153
247	WB29A 8054	NIMAI KAYAL	PAIKPARI , KOLAGHAT	9732562349
248	WB29A 8057	NIMTOURI MILAN SANGHA	NIMTOURI, KALI MANDIR	9747621424
249	WB29A 8173	DR NORMAN B M TRUST	SANTIPUR , MECHEDA	9474524125
250	WB29A 7933	ALL INDIA MINORITY ASSOCIATION	PRATAPPUR DARBAR SARIF ,	8101858884
251	WB29A 7982	HALDIA ENERGY LTD	JHIKURKHALI , BANESWARCHAK	9163302190
252	WB29A 8240	DEBABRATA JANA	CHAKNAN , CHANDIPUR	9434341450
253	WB29A 8239	JAHIR ABHAS KHAN	PITPUR , KESAPAT ,	9434507787
254	WB29A 8347	BISWAJIT GHARA	DAKSHIN BARAHAT , DALPARA	9474754214
255	WB29A 8328	DIPAK KR MAITY	NARAYANDARI , DHALHARA	9475452542
256	WB29A 8253	MITHUN BERA	BETULIA CHAK LALPUR , LALPUR	9732628574
257	WB29A 8271	DEBHOG DESBANDHU S SANGHA	GOSWAMICHAK , PADMAPUKUR	9836005656
258	WB29A 8285	ACHINTYA DOLUI	SRIKRISHNAPUR , BARNAN	9475475425
259	WB29A 8319	KUMARPUR J S KALYAN SANGHA	KUMARPUR ,	9475452154

260	WB29A 8341	SWAPNA SADHAN CLUB	RAJNAGAR PASCHIMPALLY , KUMARPUR	9474754521
261	WB29A 8306	NIRMAL KR ADHIKARY	ABASBARI , TAMLUK	9474754254
262	WB29A 8391	VIVEKANANDA MISSION ASRAM	VIVEK NAGAR , CHAITANYAPUR	9434008009
263	WB29A 8509	JISHU RAY	JAWAHAR TOWER HALDIA DOCK COMPLEX	9434054122
264	WB29A 8421	HAUR GRAM PANCHAYET	PURUL , HAUR	9732768335
265	WB29A 8422	KESHAPAT GRAM PANCHAYET	KESHAPAT ,	9475747542
266	WB29A 8473	MOFIJUDDIN MALLICK	GUABERIA , TABAKHALI	9733801021
267	WB29A 8613	SHAKTI PADA SAMANTA	GOPALPUR ,	9062239998
268	WB29A 8507	JISHU RAY	JWAHAR TOWER HALDIA DOCK	9434054122
269	WB29A 8508	RAJKUMAR DAS	FINGA , TAJNAGAR	9679356931
270	WB29 6181	C M O H PURBA MEDINIPUR	TAMLUK	9433156415
271	WB29A 8617	MS DEBHOG GRAM PANCHAYET	CHAULKHOLA , SHIBRAMNAGAR	9647268604
272	WB29A 8618	PREAM CHAND SHARMA	BASUDEVPUR , KHAJNAJCHAK	9774620909
273	WB29A 8614	VIVEKANANDA M A N N NIKETAN	VIVEKNAGAR , CHAITANYAPUR	9434008009
274	WB29A 8937	SANGHAMITRA PAUL DAS	ABASBARI, TAMLUK	8900161712
275	WB29A 8987	SANKARACHARYA MANNA	BASUDEVPUR , KHANJANCHAK	9933380908
276	WB41F 7139	JUGER JATREE CLUB	CHAITANYAPUR	9933001085
277	WB29A 8804	KUMARCHAK GRAM PANCHAYET	KUMARCHAK , NANDAKUMAR	9732957701
278	WB29A 8701	MS IPPL CONSTR WORK TRANSPOTER	SUPPLIERS AND PARIBHAN WORKERS	9734855496
279	WB29A 8674	SUKDEV PANDA	BASULIA ,	9564042487
280	WB29A 8867	BUDDHADEB BERA	GHOLPUKURIA ,	9434610314
281	WB29A 9165	HALDIA PETROCHEMICALS LTS	C/O G M PLANT HR AND ADMN	9775326284
282	WB29A 9152	BULA CHOWDHURY	TAMLUK	9812311433
283	WB29A 9195	SOMNATH DAS	RATNALI , RADHABALLAVPUR	9434802383
284	WB29A 9204	ARUN KR DAS	KHANCHI ,	9732527398
285	WB29A 9459	DURGACHAK NEW C M S CLUB	DURGACHAK	9676569788
286	WB29A 9348	MOHAN MAITY	SANKARARA , TAMLUK	9732678867
287	WB29A 9325	MOFIJUDDIN MALLICK	GUABERIA , TABAKHALI	9733801021
288	WB29A 9299	PRADHAN PADUMPUR 1 G P	MIRIKPUR , TAMLUK	9474715611
289	WB29A 9340	MECHEDA TOWN CLUB	MECHEDA STATION ROAD	9475754215
290	WB29A 9307	MS RIPLEY AND CO S H PVT LTD	CHIRANJIBPUR , HALDIA	9836577000
291	WB29A 9400	MILLENNIUM SPORTING CLUB	SAHID KSHUDIRAM NAGAR ,	9474542542
292	WB29A 9417	SHYAMAL KR ADAK	DURGACHAK ,	9732591445
293	WB29A 9443	OC TAMLUK FIRE STATION	W.B.F AND E.S, DHARINDA , TAMLUK	9775653191
294	WB29A 9626	SEIKH SAMBAR ALI	JOYNAGAR , DOROJOYNAGAR	9002835716
295	WB29A 9651	MS INDUSTRIAL SERVICES	BASUDEVPUR , KHANJANCHAK	9434180024
296	WB29A 9539	MUKTIPADA DAS	SIMULDARI BARBARIA	9733991584
297	WB29A 9859	VIVEKANANDA M A N N NIKETAN	CHAITANYAPUR ,	8967721396
298	WB29A 9860	VIVEKANANDA M A N N NIKETAN	CHAITANNYAPUR ,	8967721396
299	WB29A 9842	HALDIA SAMAJ KALYAN PARSAD	ANANTAPUR ,	3224281581
300	WB29B 0241	WEST BENGAL FIRE SERVICES	TAMLUK ,	9775653191
301	WB29A 9736	PRADHAN KENDAMARI JALPAI G P	KENDAMARI JALPAI , RAJARAMCHAK	9733792008
302	WB29A 9747	COMMANDER COAST GUARD DHQ8	ANCHORAGE CAMP HALDIA	3224263217
303	WB29A 9712	TAPAN BISWAS	CHAKDWIPA	9434802383
304	WB29A 9722	SAMRAT SAMANTA	PADUMBASAN,	9563226229
305	WB29A 9740	SUBHANKAR KANDAR	BARDABAR, SAGARBARH	9474970314
306	WB29A 9710	INDUSTRIAL SERVICES	BASUDEVPUR, KHANJANCHAK	9434180024
307	WB29A 9887	SAORABERIA JALPAI G P	MOTILALCHAK	9200701681
308	WB29A 9991	BALLUK G P I	BALLUKHAT	8373063081
309	WB29A 9994	BIVASH KR DATTA	DURGACHAK COLONY BAZAR	9434218223
310	WB29A 9960	GENERAL SECRETARY	VIVEKANANDA MISSION ASRAM	9434702942
311	WB33B 2400	SK RABIYAL	PATHARBERIA DAKSHINPALLY,	9733545682
312	WB29A 9907	SIKSHA O SWASTHA FOUN TRUST	P. D. MOYNA	9232303836

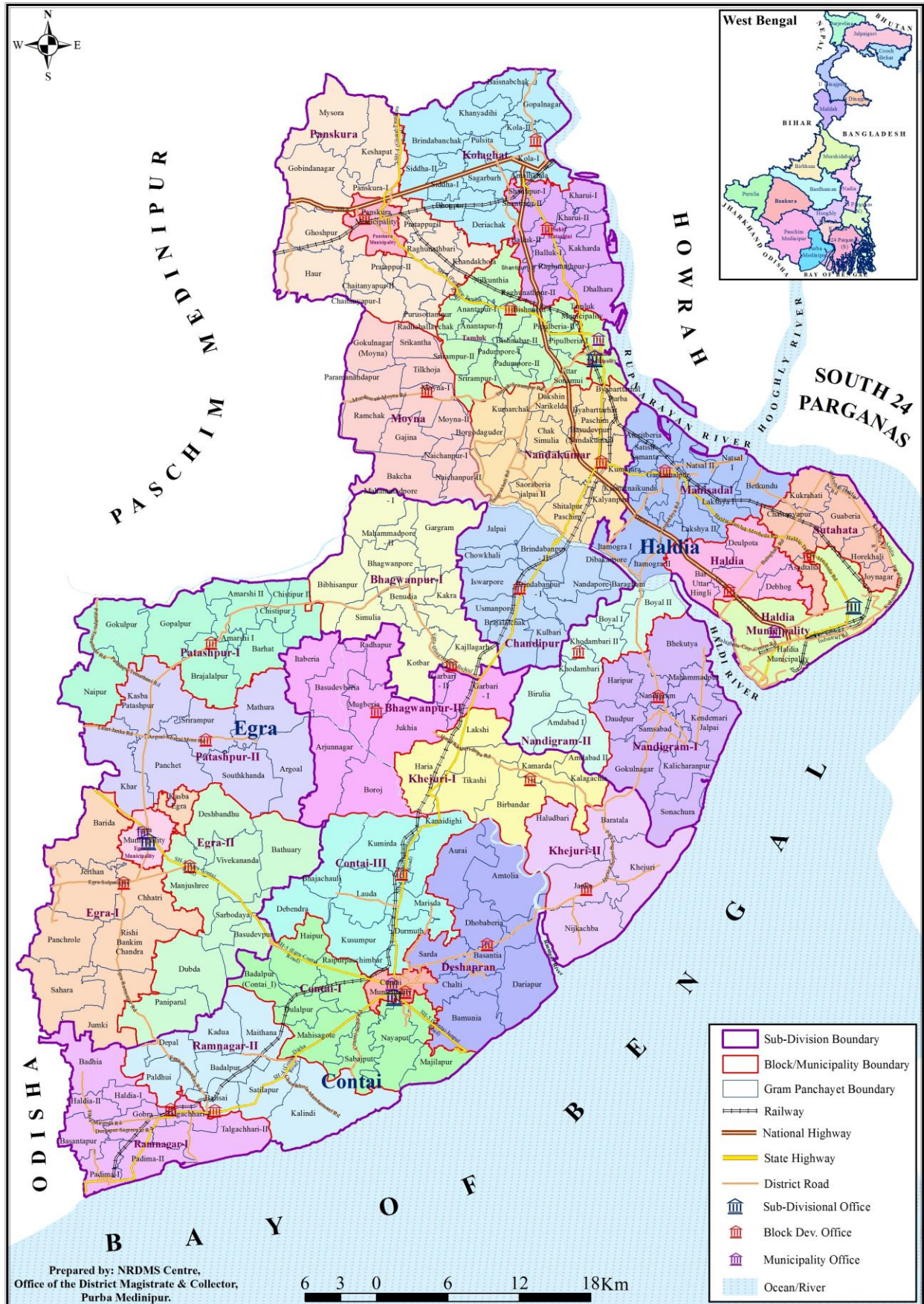
313	WB29B 0377	RADHAKRISHNA TRANSPORTSERVICES	AGADORO	9933591059
314	WB29B 0275	KISHALAYA SANGHA	MIRIKPUR, TAMLUK	9933030806
315	WB29 9378	HALDIA INSTITUTE OF TECHNOLOGY	HATIBERIA HIT HALDIA	8016803178
316	WB29B 0475	CHAKKASMALI LILLAH SAMITEE	CHAKKASMALI, DOBANDI	9800000011
317	WB29B 0344	MS INDIRA SMRITI SANGHA	GEONDAB	7501669775
318	WB29B 0680	DISTRICT MAGISTRATE	TAMLUK	9932552255
319	WB29B 0681	DISTRICT MAGISTRATE	TAMLUK	9932552255
320	WB29B 0682	DISTRICT MAGISTRATE	TAMLUK	9932552255
321	WB29B 0557	PANCHAPALLY S DURGA COMITE	BAHARJALA	9732665845
322	WB29B 0471	SINDHU SMRITI SANGHA	TERAPEKHYA	9903096991
323	WB29B 0432	MS UDAYAN ATHELETIC CLUB	SALGECHIA TAMLUK	9903009699
324	WB29B 0434	MS KESHABPUR J P P SANGHA	KESHABPUR JALPAI	7602457181
325	WB29B 0655	SIKSHA O SWASTHA FOUNDATION T	MOYNA	9232303636
326	WB29B 0769	CHAIRMAN TAMRALIPTA MUNIC	TOAWN PADUMBASAN	9434230310
327	WB29B 0858	MS HEALTH WELFARE HELP LINE	PROP- JAGAT MOHAN SAMANTA	9434611668
328	WB29B 0853	MS ADANI WILMAR LTD	J L NO.149 HPL LINK ROAD, DEBHOG	7872101011

**Annexure:**  
**DIGITAL ELEVATION MODEL**  
**(PURBA MEDINIPUR DISTRICT)**

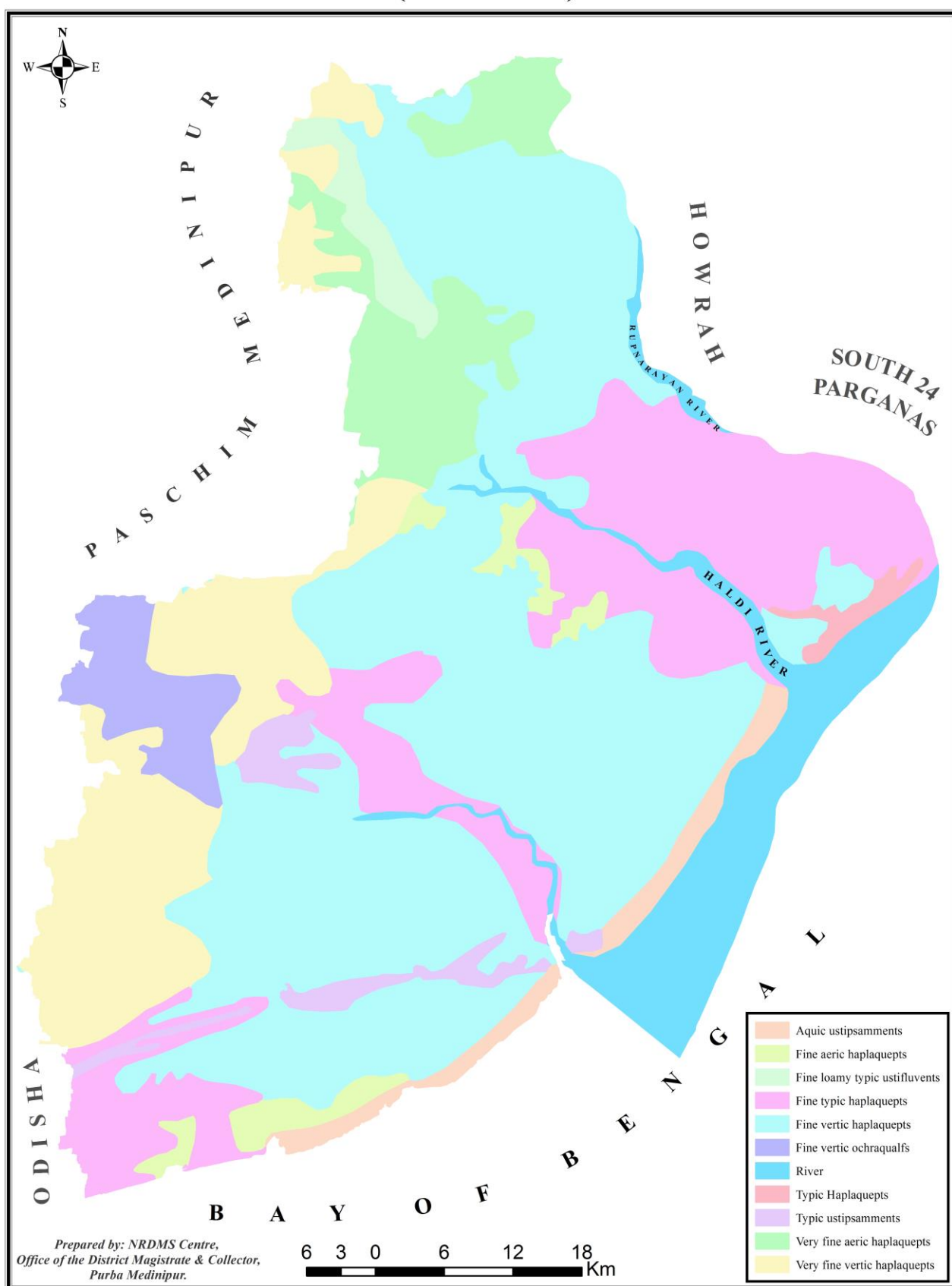




# ADMINISTRATIVE MAP (PURBA MEDINIPUR DISTRICT)

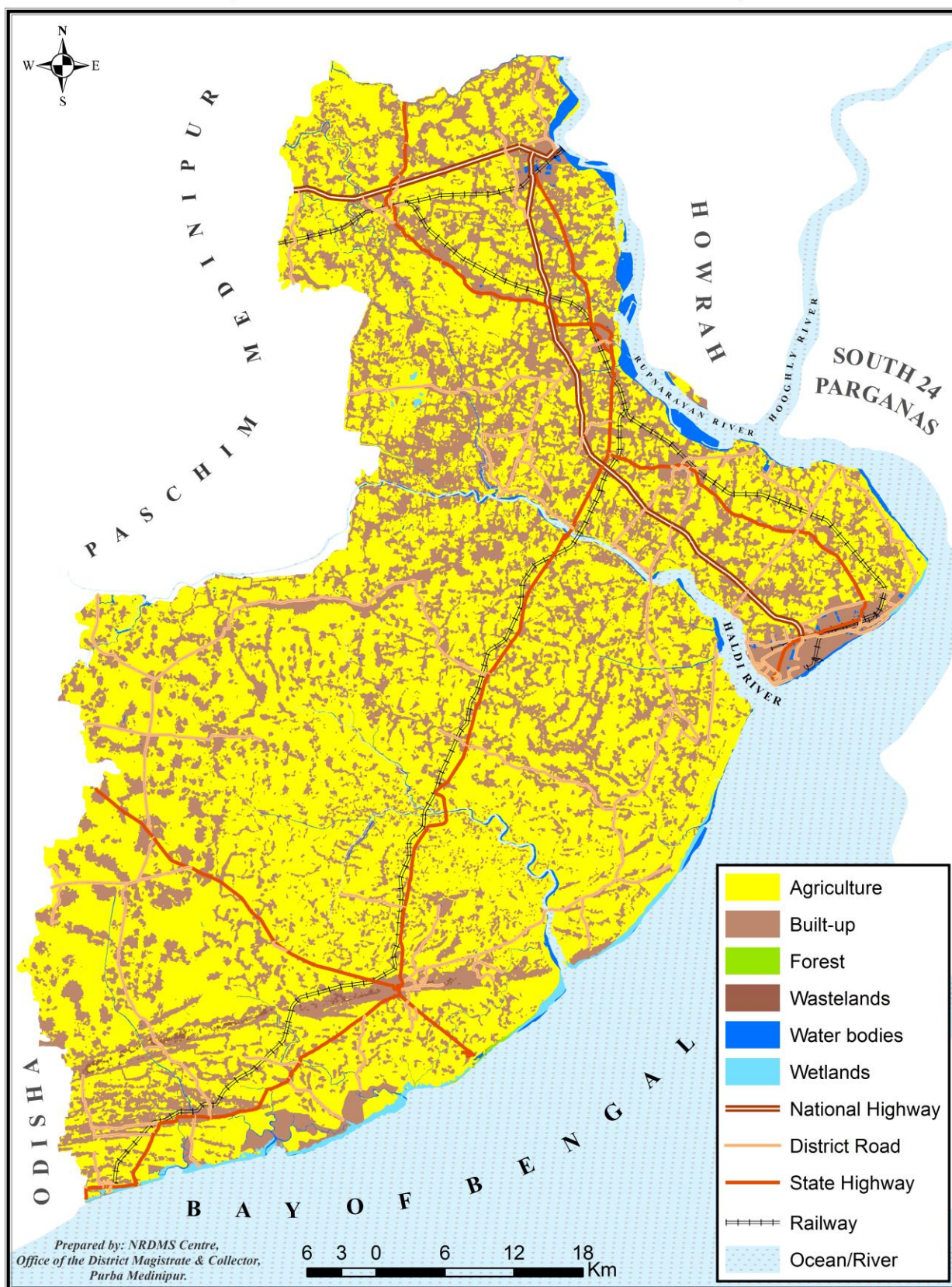


# PURBA MEDINIPUR DISTRICT (SOIL MAP)

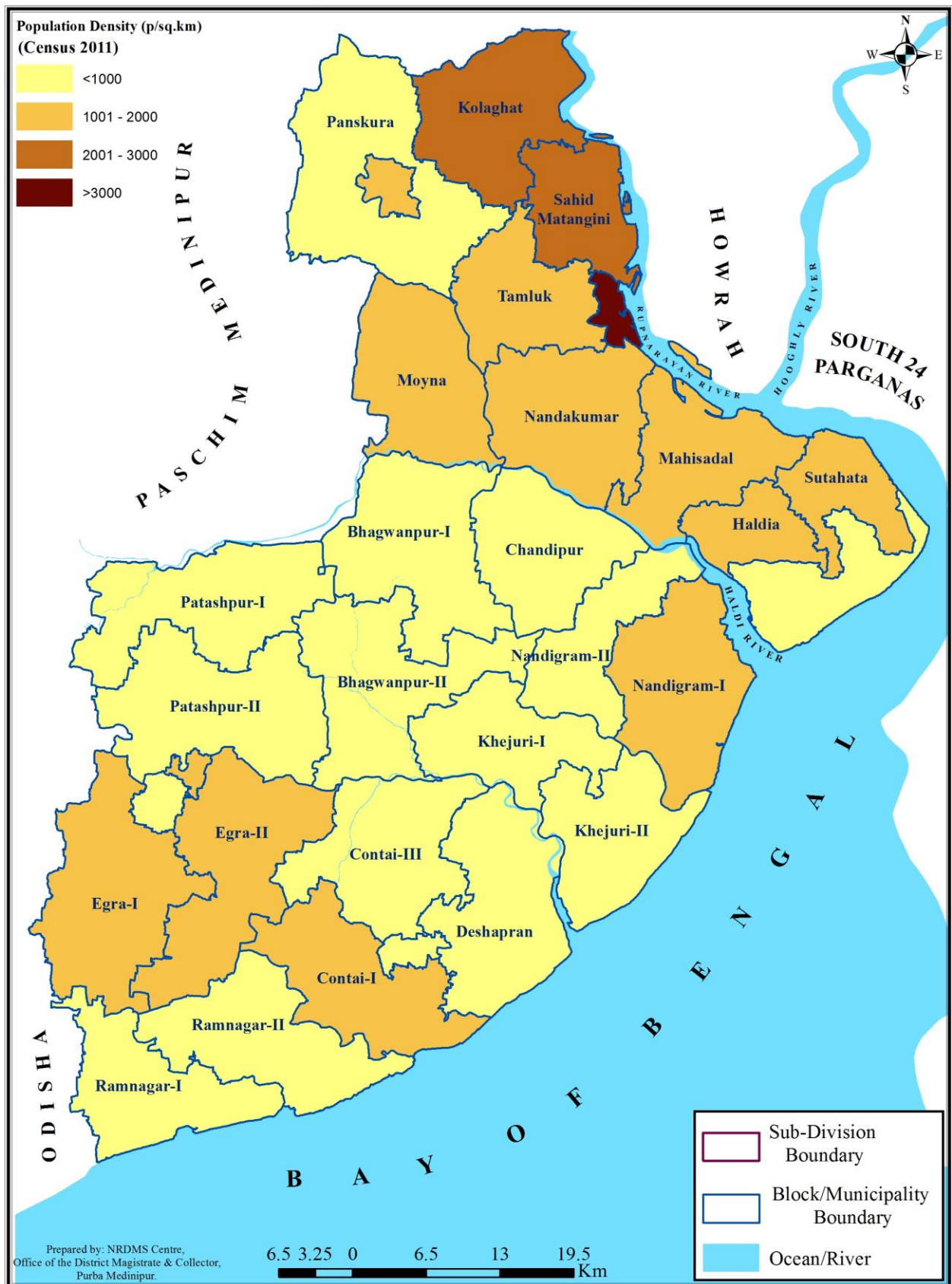




# PURBA MEDINIPUR DISTRICT (LANDUSE & LANDCOVER MAP)



# POPULATION DENSITY MAP (PURBA MEDINIPUR)





<b>Table:Showing the calculation of Population Density(2011),Purba Medinipur District</b>				
<b>SL NO</b>	<b>Block/Municipality</b>	<b>Total Pop</b>	<b>Area_sqkm</b>	<b>Pop Density</b>
1	Egra Municipality	30148	18.9849	1588
2	Contai Municipality	92226	14.3423	6430
3	Panskura Municipality	57932	19.597	2956
4	Tamluk Municipality	65306	16.9864	3845
5	Haldia Municipality	200827	96.1933	2088
6	Bhagwanpur-I	234432	185.812	1262
7	Bhagwanpur-II	192162	183.119	1049
8	Contai-I	170894	152.486	1121
9	Deshapran	176393	173.769	1015
10	Contai-III	157793	160.608	982
11	Egra-I	167163	201.222	831
12	Egra-II	178763	187.341	954
13	Khejuri-I	132992	121.847	1091
14	Khejuri-II	139463	133.174	1047
15	Nandakumar	262998	164.323	1600
16	Mahisadal	206277	138.411	1490
17	Moyna	226927	151.793	1495
18	Nandigram-I	207835	161.752	1285
19	Nandigram-II	123219	108.022	1141
20	Chandipur	188119	139.045	1353
21	Panskura	283303	227.993	1243
22	Kolaghat	290124	154.985	1872
23	Patashpur-I	173377	173.424	1000
24	Patashpur-II	175056	194.748	899
25	Ramnagar-I	167330	132.878	1259
26	Ramnagar-II	156054	160.185	974
27	Sutahata	123784	78.2413	1582
28	Haldia	97992	63.4136	1545
29	Tamluk	217776	115.777	1881
30	Sahid Matangini	199210	96.5146	2064

Prepared by: NRDMS Centre,  
Office of the District Magistrate & Collector,  
Purba Medinipur.

6 3 0 6 12 18 Km

Legend:

- Sea/River/Inlet
- Main Canal
- Branch Canal
- Block/Municipality Boundary



# ROAD AND RAILWAY NETWORK (PURBA MEDINIPUR DISTRICT)



# MAP SHOWING OCCUPATIONAL STRUCTURE (MAIN WORKER) OF PURBA MEDINIPUR DISTRICT

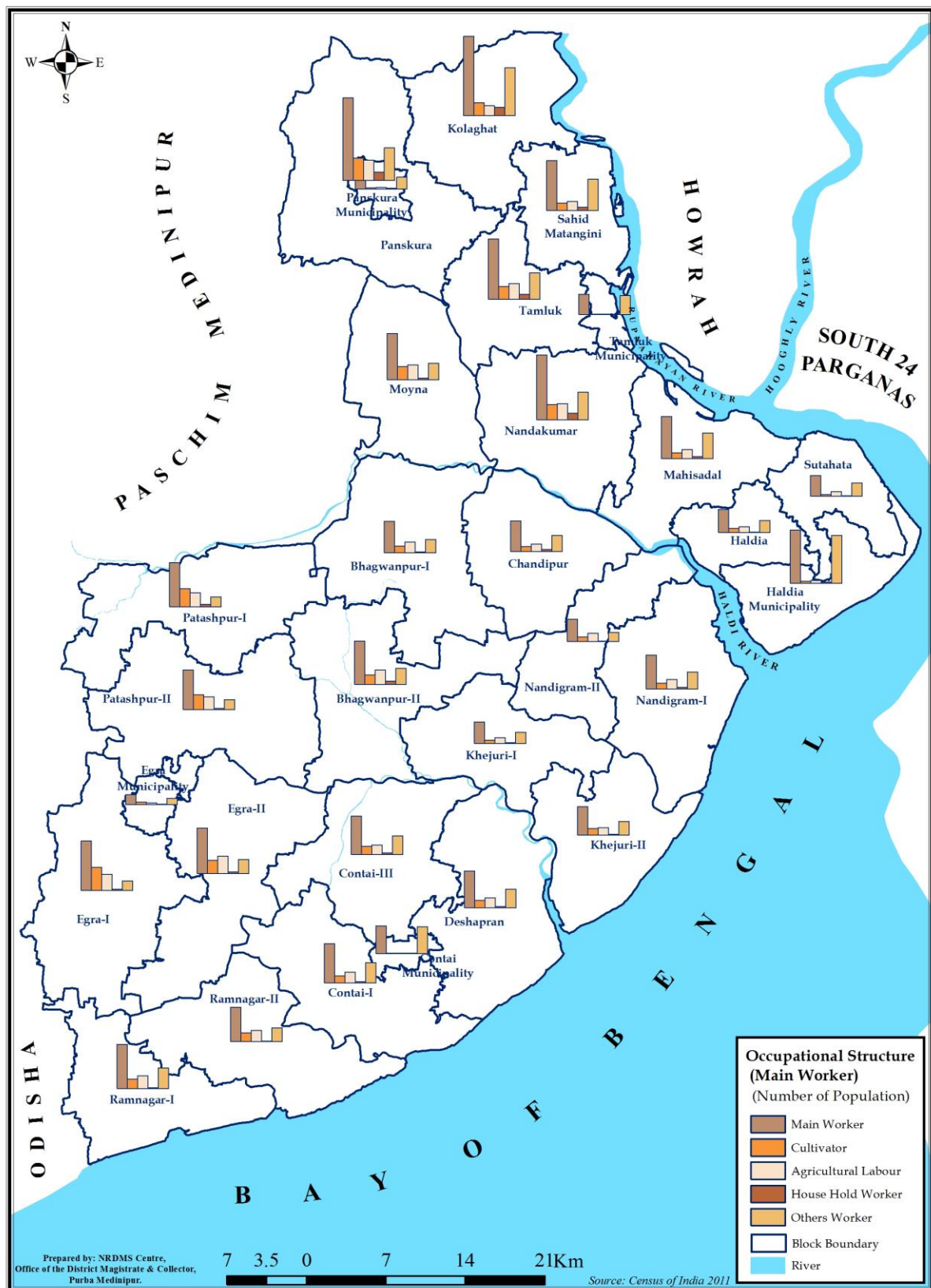
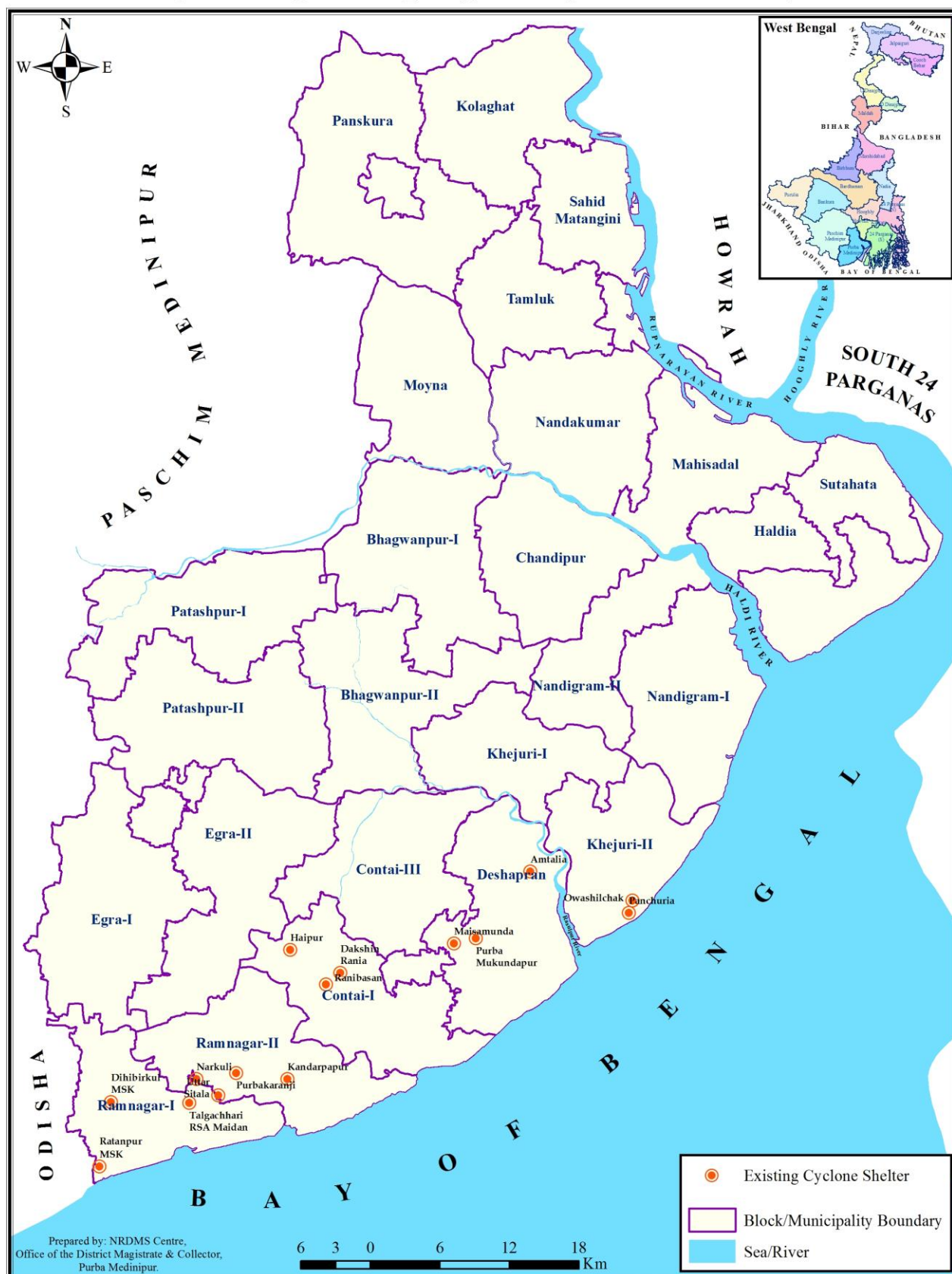


Table:Showing Occupational Structure of Purba Medinipur District						
Sl No	Block	Name	TOT_WORK_P	MAINWORK_P	MARGWORK_P	NON_WORK_P
1	Egra Municipality	Egra (M)	10254	9545	709	19894
2	Contai Municipality	Contai (M)	30215	26496	3719	62011
3	Panskura Municipality	Panskura (M)	19822	14677	5145	38110
4	Tamluk Municipality	Tamluk (M)	22929	19230	3699	42377
5	Haldia Municipality	Haldia (M)	61216	50792	10424	139611
6	Bhagwanpur-I	Bhagawanpur - II	72651	30274	42377	119511
7	Bhagwanpur-II	Bhagawanpur - I	90406	41707	48699	144026
8	Contai-I	Contai - I	61698	37543	24155	109196
9	Deshapran	Deshopran	66415	34962	31453	109978
10	Contai-III	Contai - III	65156	37036	28120	92637
11	Egra-I	Egra - I	72979	47262	25717	94184
12	Egra-II	Egra - II	67057	43516	23541	111706
13	Khejuri-I	Khejuri - I	50939	20416	30523	82053
14	Khejuri-II	Khejuri - II	47186	27511	19675	92277
15	Nandakumar	Nanda Kumar	103599	61703	41896	159399
16	Mahisadal	Mahisadal	74017	40279	33738	132260
17	Moyna	Moyna	86813	44085	42728	140114
18	Nandigram-I	Nandigram - I	66239	32276	33963	141596
19	Nandigram-II	Nandigram - II	43002	21574	21428	80217
20	Chandipur	Chandipur	67904	29107	38797	120215
21	Panskura	Panskura	130131	79007	51124	153172
22	Kolaghat	Kolaghat	108809	76176	32633	181315
23	Patashpur-I	Potashpur - I	73194	42097	31097	100183
24	Patashpur-II	Potashpur - II	66729	37915	28814	108327
25	Ramnagar-I	Ramnagar - I	57491	42278	15213	109839
26	Ramnagar-II	Ramnagar - II	56751	32993	23758	99303
27	Sutahata	Sutahata	40143	19775	20368	83641
28	Haldia	Haldia	35776	22144	13632	62216
29	Tamluk	Tamluk	88053	57660	30393	129723
30	Sahid Matangini	Sahid Matangini	72746	47276	25470	126464



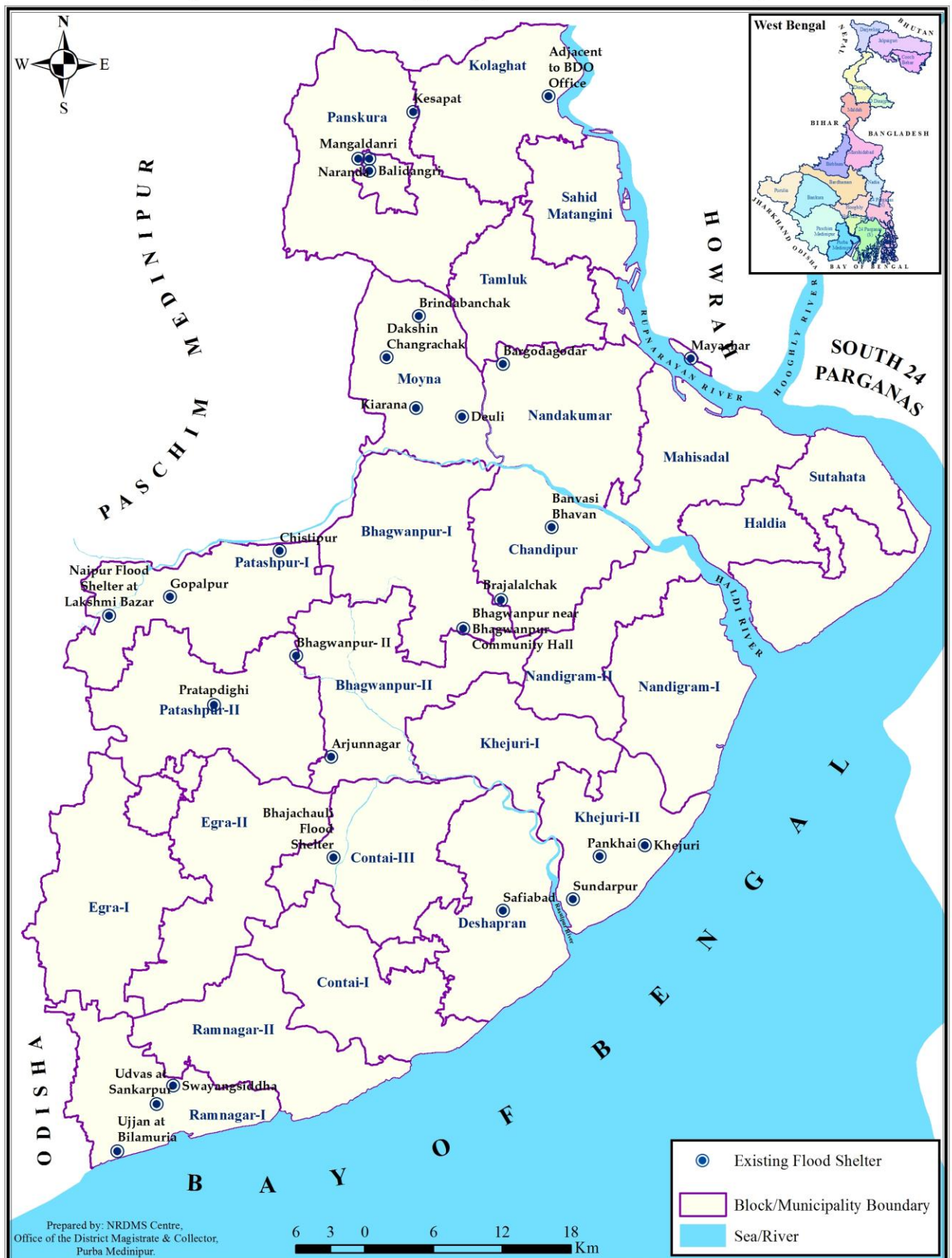
# PURBA MEDINIPUR DISTRICT

## (Existing Multipurpose Cyclone Shelter)



# PURBA MEDINIPUR DISTRICT

## (Existing Multipurpose Flood Shelter)



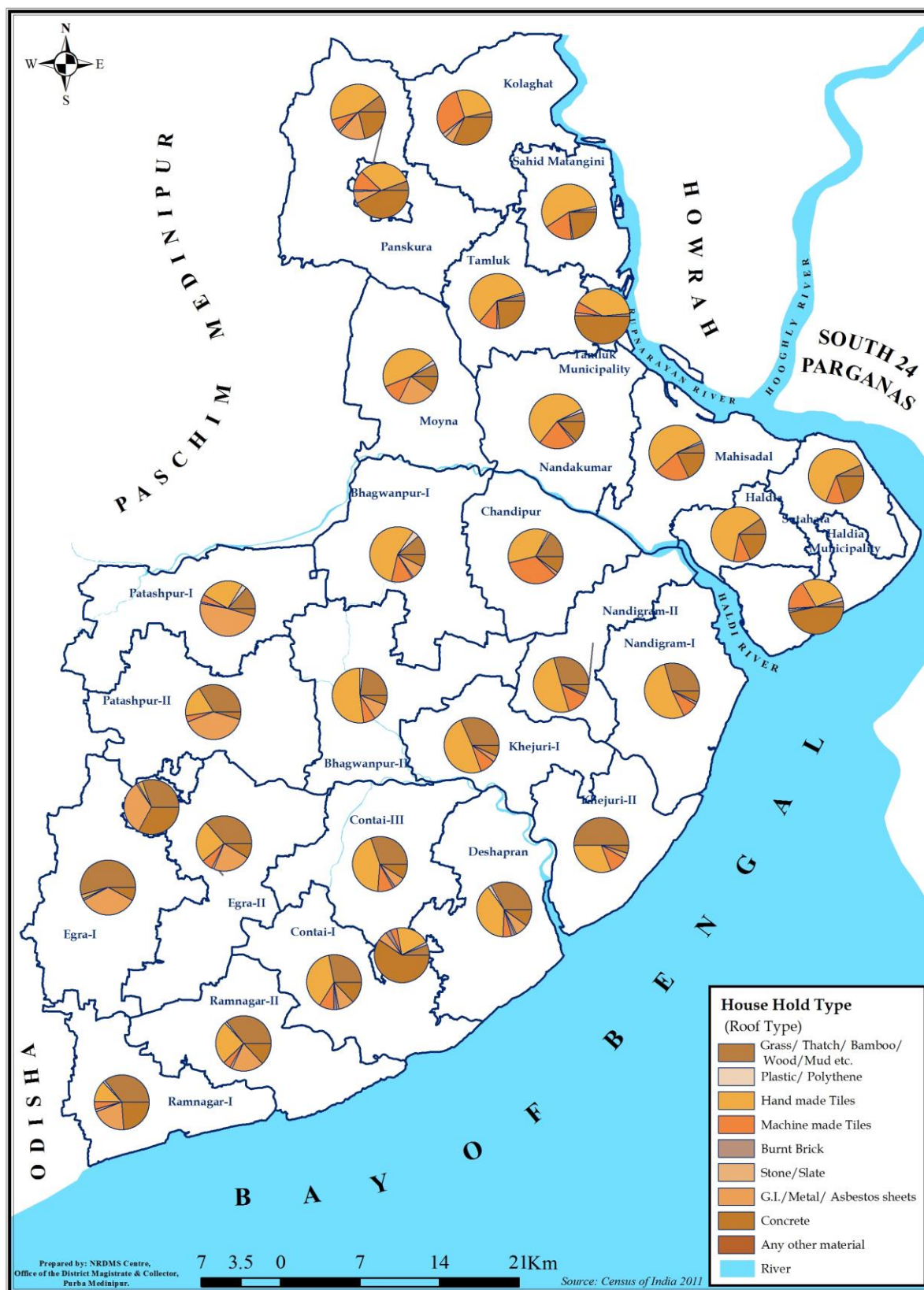


# EVACUATION MAP (Purba Medinipur District)

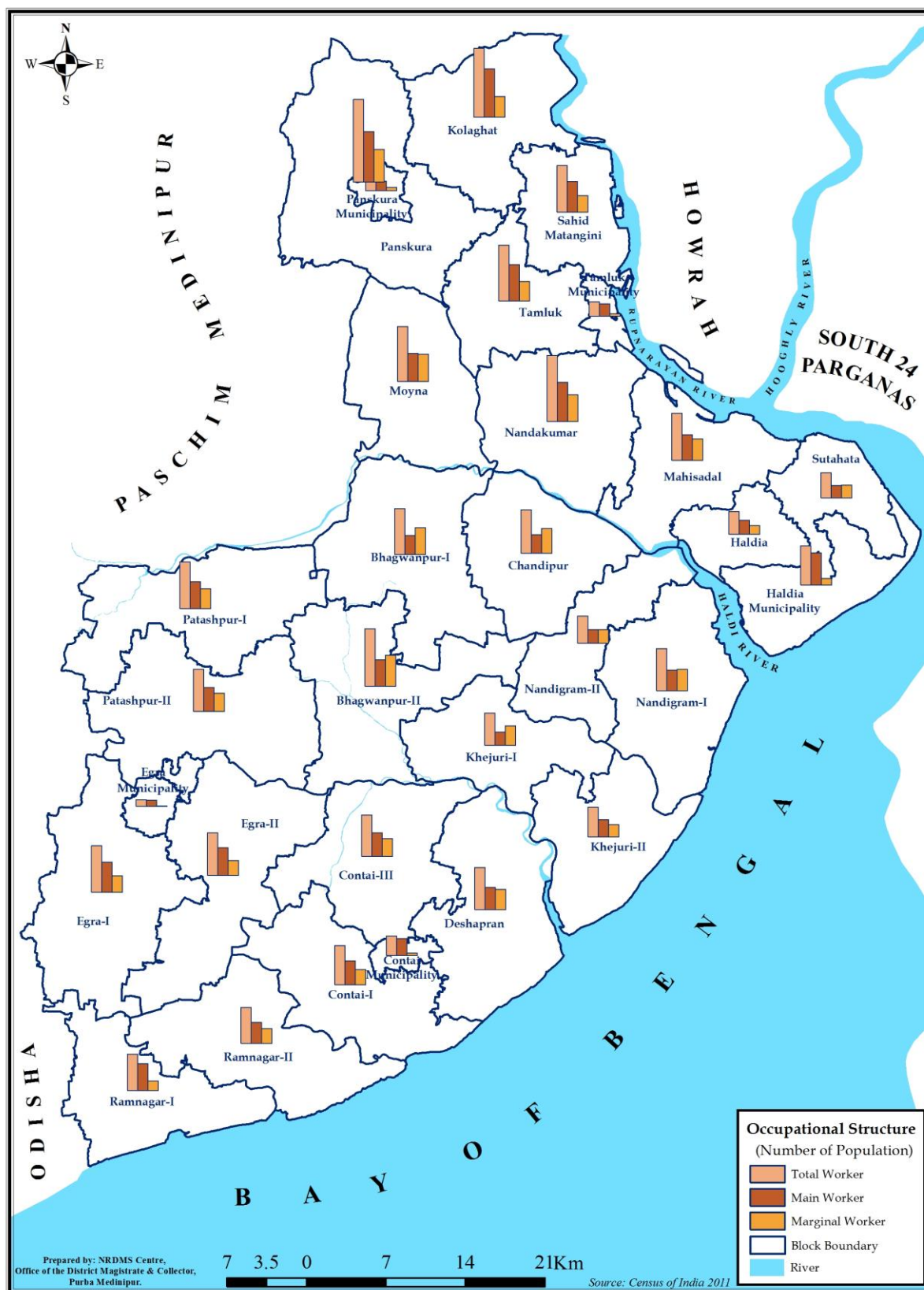




# MAP SHOWING HOUSE HOLD TYPE (ROOF TYPE) OF PURBA MEDINIPUR DISTRICT

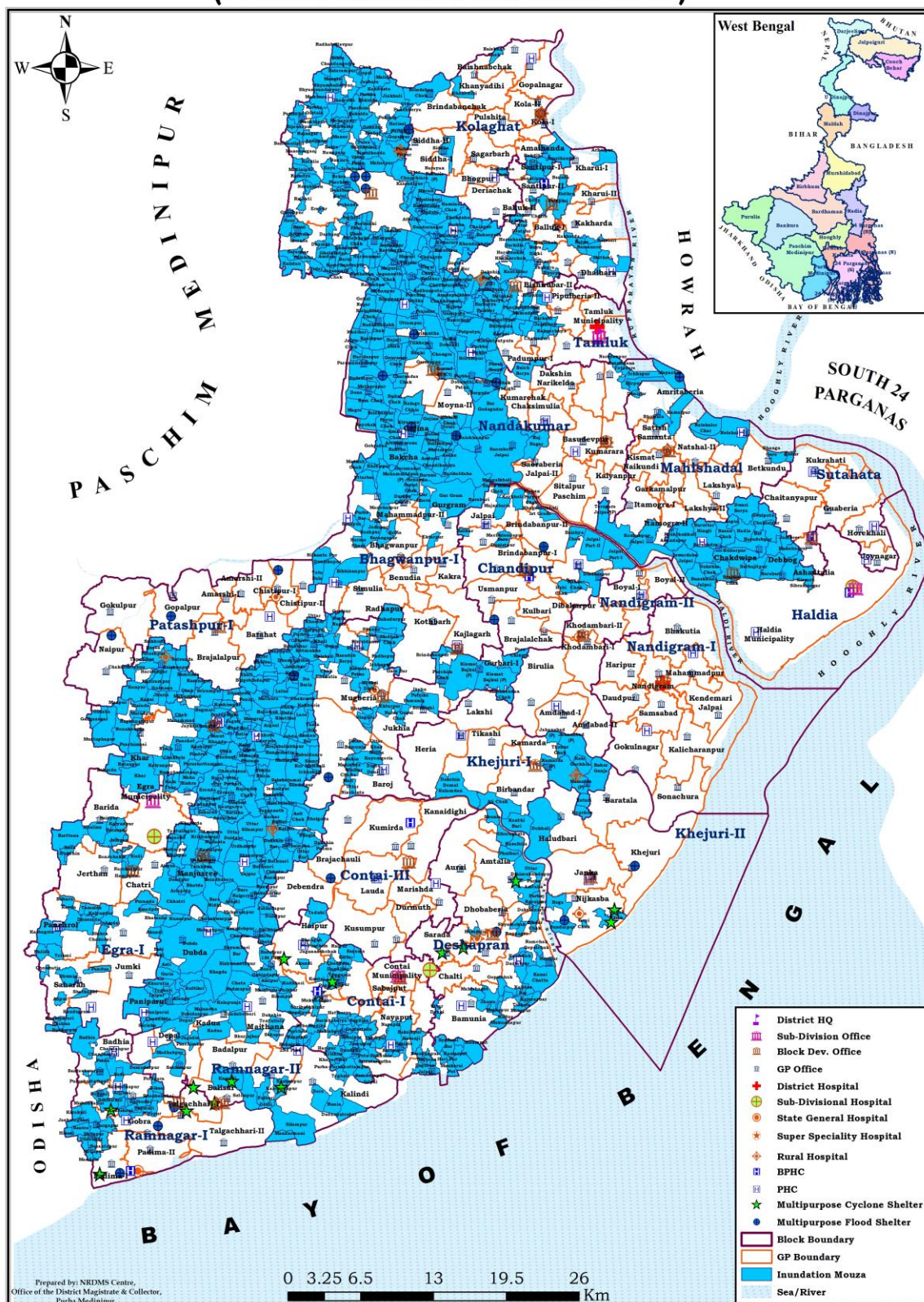


## MAP SHOWING OCCUPATIONAL STRUCTURE OF PURBA MEDINIPUR DISTRICT





# PROJECTED INUNDATION MAP (PURBA MEDINIPUR DISTRICT)



<b>Table:Showing Main Worker of Purba Medinipur District</b>							
Sl No	Block	Name	MAINWORK	MAIN_CL	MAIN_AL	MAIN_HH	MAIN_OT
1	Egra Municipality	Egra (M)	9545	2250	1270	242	5783
2	Contai Municipality	Contai (M)	26496	297	298	428	25473
3	Panskura Municipality	Panskura (M)	14677	1167	1530	678	11302
4	Tamluk Municipality	Tamluk (M)	19230	329	383	328	18190
5	Haldia Municipality	Haldia (M)	50792	1649	2607	889	45647
6	Bhagwanpur-I	Bhagawanpur - II	30274	6460	10444	682	12688
7	Bhagwanpur-II	Bhagawanpur - I	41707	9002	13996	3358	15351
8	Contai-I	Contai - I	37543	6698	10269	1228	19348
9	Deshapran	Deshopran	34962	7086	9342	1100	17434
10	Contai-III	Contai - III	37036	8135	9107	1828	17966
11	Egra-I	Egra - I	47262	21978	15279	931	9074
12	Egra-II	Egra - II	43516	12417	16426	1516	13157
13	Khejuri-I	Khejuri - I	20416	3282	5636	839	10659
14	Khejuri-II	Khejuri - II	27511	6478	7236	790	13007
15	Nandakumar	Nanda Kumar	61703	14345	15047	6027	26284
16	Mahisadal	Mahisadal	40279	5232	8713	1971	24363
17	Moyna	Moyna	44085	12500	14317	1404	15864
18	Nandigram-I	Nandigram - I	32276	5678	8974	1491	16133
19	Nandigram-II	Nandigram - II	21574	4459	7970	481	8664
20	Chandipur	Chandipur	29107	4817	6959	2018	15313
21	Panskura	Panskura	79007	21092	19049	7655	31211
22	Kolaghat	Kolaghat	76176	12251	9715	8217	45993
23	Patashpur-I	Potashpur - I	42097	17330	13274	2144	9349
24	Patashpur-II	Potashpur - II	37915	14412	12362	1454	9687
25	Ramnagar-I	Ramnagar - I	42278	9096	12359	957	19866
26	Ramnagar-II	Ramnagar - II	32993	8368	10773	642	13210
27	Sutahata	Sutahata	19775	1799	4645	658	12673
28	Haldia	Haldia	22144	3941	5810	604	11789
29	Tamluk	Tamluk	57660	12513	15133	4820	25194
30	Sahid Matangini	Sahid Matangini	47276	6728	8345	2660	29543

<b>Table:Showing Marginal Workr of Purba Medinipur District</b>							
Sl No	Block	Name	MARGWORK	MARG_CL	MARG_AL	MARG_HH	MARG_OT
1	Egra Municipality	Egra (M)	709	102	318	8	281
2	Contai Municipality	Contai (M)	3719	128	310	330	2951
3	Panskura Municipality	Panskura (M)	5145	332	1249	561	3003
4	Tamluk Municipality	Tamluk (M)	3699	119	315	194	3071
5	Haldia Municipality	Haldia (M)	10424	667	2569	442	6746
6	Bhagwanpur-I	Bhagawanpur - II	42377	5365	26151	1769	9092
7	Bhagwanpur-II	Bhagawanpur - I	48699	5349	30284	5902	7164
8	Contai-I	Contai - I	24155	2537	12923	1536	7159
9	Deshapran	Deshopran	31453	3839	15051	2004	10559

10	Contai-III	Contai - III	28120	4363	13005	2850	7902
11	Egra-I	Egra - I	25717	6328	16307	860	2222
12	Egra-II	Egra - II	23541	3957	15398	1363	2823
13	Khejuri-I	Khejuri - I	30523	3132	18147	1358	7886
14	Khejuri-II	Khejuri - II	19675	2790	10618	737	5530
15	Nandakumar	Nanda Kumar	41896	4791	20330	6323	10452
16	Mahisadal	Mahisadal	33738	3110	16961	1762	11905
17	Moyna	Moyna	42728	4964	27046	1336	9382
18	Nandigram-I	Nandigram - I	33963	4205	20098	1487	8173
19	Nandigram-II	Nandigram - II	21428	3347	13671	560	3850
20	Chandipur	Chandipur	38797	4323	20812	5171	8491
21	Panskura	Panskura	51124	9888	27471	5007	8758
22	Kolaghat	Kolaghat	32633	3294	12258	5718	11363
23	Patashpur-I	Potashpur - I	31097	6640	18528	3262	2667
24	Patashpur-II	Potashpur - II	28814	6213	17388	1259	3954
25	Ramnagar-I	Ramnagar - I	15213	2181	7340	503	5189
26	Ramnagar-II	Ramnagar - II	23758	3004	15015	520	5219
27	Sutahata	Sutahata	20368	1495	11719	525	6629
28	Haldia	Haldia	13632	1549	7266	404	4413
29	Tamluk	Tamluk	30393	3258	16268	3381	7486
30	Sahid Matangini	Sahid Matangini	25470	2156	10220	3644	9450

**Table:Showing the Roof Type of House of Purba Medinipur**

Area Name	Number of households with condition of Census House as Total	Grass/ Thatch/ Bamboo/ Wood/Mud etc.	Plastic/ Polythene	Hand made Tiles	Machine made Tiles	Burnt Brick	Stone/ Slate	G.I./Metal/ Asbestos sheets	Concrete	Any other material
Egra (M)	100	30.1	0.3	2.9	0.3	0.4	1.1	32.3	32.4	0.1
Contai (M)	100	6.1	1.5	20	3.9	3.1	1	5.5	58.7	0.2
Panskura (M)	100	5.7	0.7	31.6	11.6	1	0.7	7	41.8	0.1
Tamluk (M)	100	1.4	0.7	39.2	6	0.7	0.9	2	49	0.2
Haldia (M)	100	3.3	2.2	27.6	17.5	0.6	1.3	1.1	46.3	0.1
Sub-Dist - Bhagawanpur - I	100	11.6	3.8	55.7	12.2	0.4	1	7.8	7.4	0.1
Sub-Dist - Bhagawanpur - II	100	22.6	2.2	51.5	6.8	0.3	0.8	9.8	5.8	0.2
Sub-Dist - Contai - I	100	27.9	0.8	37.5	8.6	1.7	1.1	9.1	12.9	0.3
Sub-Dist - Deshopran	100	33	1.9	39.1	5	2	1.1	7.7	9.9	0.3
Sub-Dist - Contai - III	100	29.8	0.6	42.8	8.9	1.6	0.7	6.4	8.9	0.3
Sub-Dist - Egra - I	100	53	0.6	2.4	0.7	0.4	1.1	33.6	7.7	0.5
Sub-Dist - Egra - II	100	35.9	0.5	24.3	6.6	0.5	1.1	22.2	8.6	0.3
Sub-Dist - Khejuri - I	100	30.8	0.5	47.8	9	0.5	0.8	3.4	6.6	0.6
Sub-Dist - Khejuri - II	100	49	0.9	29.6	10.7	0.4	0.7	3.2	4.8	0.7
Sub-Dist - Nanda Kumar	100	5.3	1.9	56.2	20.9	0.7	0.5	1.6	12.7	0.1
Sub-Dist - Mahisadal	100	5.7	1.2	53.3	20.4	0.8	0.2	0.9	17.4	0.1
Sub-Dist - Moyna	100	7.2	2.6	45.7	11.6	0.4	0.8	22	9.6	0.2
Sub-Dist - Nandigram - I	100	28.8	0.7	51.4	9.3	0.8	0.6	1.4	6.9	0.1
Sub-Dist - Nandigram - II	100	29	0.4	49.1	12.9	0.5	0.5	1.5	5.8	0.1

Sub-Dist - Chandipur	100	15.9	1.3	35.9	33.7	0.4	0.9	2.1	9.8	0.1
Sub-Dist - Panskura	100	10	0.7	43.9	7.4	0.4	1.3	15.2	20.9	0.1
Sub-Dist - Kolaghat	100	3.5	0.8	25.9	29.8	0.7	2.4	5.4	31.5	0.1
Sub-Dist - Potashpur - I	100	13.3	2.9	25.5	4.2	0.3	1	48.1	4.6	0.1
Sub-Dist - Potashpur - II	100	32.9	0.8	18.2	3.7	0.2	0.8	38.4	4.5	0.5
Sub-Dist - Ramnagar - I	100	35.2	1.3	12.6	4.4	0.8	1.5	20.2	23.5	0.3
Sub-Dist - Ramnagar - II	100	35.1	1.1	25.1	4.5	0.9	1.2	18.7	12.8	0.5
Sub-Dist - Sutahata	100	6.7	1	60.4	10.8	0.6	0.3	0.6	19.6	0.1
Sub-Dist - Haldia	100	9.6	0.9	60.6	9.8	0.4	0.5	0.5	17.6	0.2
Sub-Dist - Tamluk	100	3.5	1.2	57.9	10.9	0.9	0.6	1.6	23.2	0.1
Sub-Dist - Sahid Matangini	100	1.9	1.3	55.6	16.6	0.6	0.4	1.1	22.3	0.1

Table:Showing the Wall types of house of Purba Medinipur District											
Block	Number of households with condition of Census House as Total	Grass/ Thatch/ Bamboo etc.	Plastic/ Polythene	Mud/ Unburnt brick	Wood	Stone not packed with mortar	Stone packed with mortar	G.I./ Metal/ Asbestos sheets	Burnt brick	Concrete	Any other material
Egra (M)	100	25	0.4	31.4	0.1	0.5	0	0	41.4	1.1	0
Contai (M)	100	3	0.4	17.4	0.1	0.5	0.2	0.2	74	4.1	0.2
Panskura (M)	100	10	0.4	25.2	0.1	0.5	1.3	0.1	55	7.2	0.1
Tamluk (M)	100	4.8	0.5	12.7	0	0.7	0.4	0	75.8	4.8	0.3
Haldia (M)	100	7.4	1.2	18.3	0	0.5	0.2	0.1	68.3	4	0.1
Bhagwanpur-I	100	33.9	1.6	31.4	0.2	0.3	0.4	0.1	30.7	1.2	0.1
Bhagwanpur-II	100	32.9	0.9	39.3	0.1	0.3	0.2	0.1	25.1	1.1	0.1
Contai-I	100	7.7	0.4	55.6	0.1	0.4	0.2	0.1	32.8	2.8	0.1
Deshapran	100	8.1	1	59.4	0.1	0.4	0.2	0.1	27.8	2.8	0.1
Contai-III	100	7.3	0.3	66.3	0.1	0.2	0	0	23.6	1.9	0.1
Egra-I	100	31.6	0.6	52.2	0.1	0.3	0.2	0.1	13	1.5	0.3
Egra-II	100	21.7	0.5	51.7	0.1	0.3	0.2	0.1	22.9	2.3	0.2
Khejuri-I	100	10.8	0.4	64.3	0	0.2	0.1	0	22.1	1.9	0.2
Khejuri-II	100	10.5	0.5	69.9	0.1	0.1	0.1	0.1	17.3	1.2	0.2
Nandakumar	100	19	0.7	20.9	0.1	0.2	0	0	56.9	2	0.1
Mahisadal	100	12.5	0.4	25.5	0.1	0.2	0.1	0	58.1	2.9	0.1
Moyna	100	29.3	1.1	25.5	0.3	0.5	0.2	0.3	39.3	3.1	0.3
Nandigram-I	100	11.9	0.5	59.8	0	0.2	0.1	0	26.6	0.9	0
Nandigram-II	100	11.8	0.2	57.1	0	0.2	0.1	0	29.8	0.7	0
Chandipur	100	15.4	0.7	42.1	0.1	0.2	0.7	0.1	39.7	1.1	0.1
Panskura	100	20.5	0.5	35.4	0.1	0.3	0.3	0	41.1	1.7	0
Kolaghat	100	20.3	0.5	19.9	0.2	0.4	0.3	0	55.1	3.3	0.1
Patashpur-I	100	57.9	2	24.5	0.2	0.2	0.2	0.4	12.6	1.8	0.1
Patashpur-II	100	44.3	0.5	37.8	0	0.2	0.2	0.1	15.6	1	0.3
Ramnagar-I	100	15.1	0.7	35.2	0.1	0.4	0.1	0.1	45	3.1	0.1
Ramnagar-II	100	11	0.7	50	0.1	0.3	0.1	0.1	35.5	2.1	0.2
Sutahata	100	13.7	0.4	32.2	0	0.2	0.2	0	50.9	2.2	0.1
Haldia	100	12.8	0.6	37.9	0.1	0.3	0.3	0.1	44.8	3.1	0.1

Tamluk	100	11.9	0.6	28.2	0.1	0.6	0.4	0.1	52.4	5.6	0.1
Sahid Matangini	100	15.3	0.8	24.9	0.1	0.5	0.8	0.1	53.8	3.5	0.2

## Flood Shelter of the District:

Flood Shelter of Purba Medinipur District						
Sl. No.	District	Sub Division	Block	GP	Location	Latitude and Longitude
1	Purba Medinipur	Tamluk	Panskura	Kesapat	Kesapat	22°26'28.0"N 87°45'25.9"E
2				Panskura Municipality ward no - 6	Balidangri	22°23'53.2"N 87°43'10.7"E
3				Gobindanagar	Mangaldanri	22°24'08.9"N 87°43'07.2"E
4				Panskura Municipality Ward no - 3	Naranda	22°40'20" N 87°71'52" E
5			Moyna	Naichanpur-I	Deuli	22°12'03.5"N 87°47'54.7"E
6				Gojina	Arangkiyarana	22°12'28.0"N 87°45'35.2"E
7				Srikantha	Brindabanchak	22°16'49.0"N 87°45'43.2"E
8				Ramchak	Dakshin Changrachak	22°14'52.0"N 87°044'05.4"E
9			Chandipur	Brindabanpur-II	Kandapasara	22°06'50.2"N 87°052'28.1"E
10				Brajlalchak	Dhanyashree K.C High School	87° 49'53.9" E 22°03'23.9"N
11			Kolaghat	Kolaghat-II	Paikpari	22°27'12.1"N 87°52'17.6" E
12			Nandakumar	Bargodagodar	Babalpur	22.248786 °N 87.833551 °E
13		Tamulk	Chakgarupota	Chakgarupota	Chak Garupota S. S. High School( Construction work continuing)	
14		Contai	Deshapran	Dhobaberia	Safiabad	21°48'63.7"N 87°049'81.7"E
15			Contai - III	Bhajacauli	Bhajacauli	21°44'52.4"N 87°32'12.2"E
16			Ramnagar-I	Talgachhari-I	Ramnagar	21°40'42.9"N 87°33'32.5"E
17				Padima-I	Belamuria	21°37'32.9"N 87°30'52.2"E
18				Talgachari - II	Dakshin Balarampur	21°39'55.8"N 87°32'48.8"E
19			Khejuri-II	Khejuri	Khejuri	21°51'80.4"N 87°57'19.2"E
20				Nijkasba	Sundarpur	21°49'26.8"N 87°53'57.1"E
21				Baratala	Pankhai	21°54'60.8"N 87°57'32.1"E
22			Bhagwanpur - II	Itaberia	Kumjapara	22°01'20.0"N 87°65'00.0"E
23				Arjun Nagar	Bhoslageria	22°02'18.4"N 87°60'02.1"E
24		Egra	Patashpur-I	Naipur	Haridaspur	22°02'37.7"N 87°30'00.9"E
25				Gopalpur	Kharan	N-22°03'4.9" E-27°33'21.8"
26				Chistipur	Talchitkini	N-22°5'60" E-87°38'23.4"
			Patashpur-II	Srirampur	Pratapdighi	21°58'25.7"N 87°35'21.4"E



27			Bhagwanpur - I	Bhagwanpur	Bhagwanpur -I Panchayet Samity	22°02'02.2"N 87°47'59.0"E
28		Haldia	Mahisadal	Amrit Beria	Mayachar School	22°11'19.9"N 87°58'58.8"E



**Pratapdighi Flood Shelter**



**Balamuria Flood Shelter**



**Dakshin Balarampur Flood Shelter**



**Kandapasara Flood Shelter**



**Naranda Flood Shelter**



**Kharan Flood Shelter**



## Multi Purpose Cyclone Shelter under PMNRF:

Detailed Report of MPCS under PMNRF, Purba Medinipur							
Sl. No.	District	Sub Division	Block	GP	Location of MPCS	Name Of MPCS	Lattitude and Longitude
1	Purba Medinipur	Contai	Deshapran	Amtalia	Amtalia MPCS, Mouja-Amtalia	Amtalia	N 21 51.117, E 87 51.009
2			Deshapran	Basantia	Purba Mukundapur MPCS (BASANTIA), Mouja- Purba Makundapur	Purba Mukundapur	N 21 47.990, E 87 48.289
3			Deshapran	Sarda	Mahisamunda MPCS, Mouja-Mahisamunda	Maishamunda	N 21 47.751, E 87 47.200
4			khejuri-II	nijkasba	panchuria	Panchuria MPCS	N 21 82.0185 E 87 93.2385
5			khejuri-II	nijkasba	owachilchak	Owachilchak MPCS	N 21 49.761 E 87 56.136
6			Ramnagar-I	Padima	Ratanpur	Ratanpur	E 87°29'47.6" N 21°37'30.5"
7			Ramnagar-I	Haldia-II	Dihibirkul	Dihibirkul	E 87°30.052' N 21°40.323'
8			Ramnagar-I	Talgachhari-I	Talgachhari	Talgachhari	E 87°33'35.4" N 21°40'40.7"
9			Ramnagar-II	Satilapur	Uttar Shitala (Pichhaboni)	Uttar Sitala MPCS	N 21°43', E 87° 39'
10			Ramnagar-II	Satilapur	Kandarpapur	Kandarpapur MPCS	N 21°41', E87°35'
11			Ramnagar-II	Balisai	Purba Karanjee	Purba Karanjee MPCS	N 21°69', E87° 60'
12			Ramnagar-II	Balisai	Balisai Kanya Vidyalaya	Balisai Kanya Vidyalaya MPCS	N21°40'54.32E 87° 36'0.635"
13			Contai-I	Dulalpur	Majna	Ranibasan MPCS	N21°45'30" E87°39'41"
14			Contai-I	Raipur P. Barh	Dakshin Rania	Dakshin Rania MPCS	N21°46'22" E87°41'30"
15			Contai-I	Haipur	Haipur	Haipur MPCS	N21°47'26" E87°39'0"



**Amtalia MPCS**



**Purba Mukundapur MPCS**



**Mahismunda MPCS**



**Dihibirkul MPCS**



**Talgachhari MPCS**



**Balisai Knya Vidyalaya MPCS**

## Multipurpose Cyclone Shelter under NCRMP

Multipurpose Cyclone Shelter undr NCRMP,Purba Medinipur							
Sl. No.	Sub-Division	Block	Gram Panchay at	Mouza	Name of site	Latitude	Longitude

1	Contai	Ramnagar - I	Padima-I	Mandala	Mandalal Horijan Primary School	N21°38'05"	E87°29'02"
2	Contai	Ramnagar - I	Padima-I	Padima	Padima Ramprasad Primary School Ground	N21°37'39"	E87°29'21"
3	Contai	Ramnagar - I	Padima-I	Dakshin Shimulia	Digha D. J. Sikshya Sadan Ground	N21°38'04"	E87°30'26"
4	Contai	Ramnagar - I	Talgachar i-II	Jaldha	Jalda Harijan Primary School	N21°38'42"	E87°36'36"
5	Contai	Ramnagar - I	Talgachar i-II	Chandpur	Chandpur Kamdeb Upper Primary School Ground	N21°38'47"	E87°35'53"
6	Contai	Desapran	Dariapur	Bankiput	Bankiput High School Ground	N21° 45.712	E87° 51.437
7	Contai	Desapran	Dariapur	Dariapur	Dariapur Primary School Ground	N21° 47.342	E87° 51.480
8	Contai	Desapran	Bamunia	Faridpur	Faridpur Primary School Ground	N21° 44.560	E87°47.308
9	Contai	Desapran	Dariapur	Benichak	Shyamchak Primary School	N21°49'27.8"	E87°51'19.6"
10	Contai	Desapran	Bamunia	Bichunia	Bichunia High School Ground	N21°43.634	E87°48.489
11	Contai	Desapran	Dariapur	Uttar Haraschak	Uttar Haraschak Sorojani Sikshya Niketan Ground	N21° 45.945	E87° 50.451
12	Contai	Desapran	Bamunia	Jhawa	Jhawa Panchanan Primary School Ground	N21°45.888	E87°49.524
13	Contai	Contai - 1	Majalapur	Birampur	Birampur Primary School Ground	N21° 43'25.2"	E87° 48'39.3"
14	Contai	Contai - 1	Majalapur	Baguran Jalpai	Baguran Jalpai	N21° 42'14.0"	E87°46'39.4"
15	Contai	Contai - 1	Nayaput	Cenchuraput	Cenchuraput Primary School Ground	N21° 43'19.6"	E87°45'59.5"
16		Contai - 1	Sabajput	P. Sikarput	Sabajput G. P. Ground	N21° 44'57"	E87° 42'83.4"
17	Contai	Contai - 1	Sabajput	Badalpur	Badalpur Primary School Ground	N21° 43'57.5"	E87° 43'59.1"

18	Contai	Contai - I	Sabajput	Samudrapur	Samudrapur Primary School Ground	N21°42'69.2"	E87°42'82.4"
19	Contai	Contai - I	Sabajput	Daudpur	Daudpur Primary School	N21°43'38"	E87° 42'14.5"
20	Contai	Contai - I	Mahishagote	Mahishagote	Mahishagote S. S. Vidyamandir Ground	21°44'2"	87°41'37.2"
21	Contai	Contai - I	Mahishagote	Nimdasbar	Pichhaboni High School Ground	21° 43'23.4"	87°39'54.6"
22	Contai	Khejuri - II	Nijkasba	Gopichak	Hijli Gopichak High School	N21°48'98.3"	E87°54'63.4"
23	Contai	Khejuri - II	Khejuri	Khejuri	Ram Krishna Saraswati Junior Basic Primary School	N21°49'76.1"	E87°56'13.5"
24	Contai	Khejuri - II	Nijkasba	Sundarpur	Battallya Primary School	N21°49'22.5"	E87°53'88.9"
25	Contai	Khejuri - II	Nijkasba	Kayalchak	Vested Land in Kayalchak	N21°49'54.3"	E87°52'91.0"
26	Contai	Khejuri - II	Nijkasba	Shillyaberia	Shillyaberia R. H. C.	N21°51'28.1"	E87°54'90.5"
27	Contai	Khejuri - II	Khejuri	Sathkhanda	Sathkannda Saheb Nagar Jr. Basic Primary School	N21°52'94.8"	E87°58'18.4"
28	Contai	Khejuri - II	Khejuri	Dhobaghata Bamunchak	Khejuri Irrigation Bunglow	N21°52'46.9"	E87°58'39.2"
29	Contai	Ramnagar - II	Kalindi	Mandarmoni	Mandermoni	N21° 39'09.6"	E87° 38'57.9"
30	Contai	Ramnagar - II	Kalindi	D.Purusottampur	Dakshin Purusottampur Bholanath SSK	N21° 40'31.7"	E87° 43'29.3"



**Dakshin Shimulia MPCS**



**Nayaput MPCS**



**Mandala MPCS**



**Padima MPCS**



**Dariapur MPCS**



**Bamunia(Jhawa)MPCS**



**Sabajput MPCS**



**Nijakasba MPCS**





**Block Level Disaster Management Plan:  
Tamluk Development Block:**

<b>Incident Response Team</b>				
<b>SL. No.</b>	<b>Designation</b>	<b>Phone No</b>	<b>Responsibility for IRS</b>	<b>Additional Branch assigned for IRS</b>
1	Block Development Officer	8373063036	<b>Responsible Officer &amp; Incident Commander</b>	
2	O.C, Tamluk P.S	9434517961	<b>Safty Officer (Disaster Specific)</b>	<b>Law and Order, Situation Unit, Time Unit and Demobilization Unit for Planing section</b>
6	ACMOH, BMOH in charge	8167488726	<b>Safty Officer (Disaster Specific) &amp; Health</b>	
7	Assistant Director Of Agriculture	8697617289	<b>Safty Officer (Disaster Specific) &amp; Agriculture</b>	
8	APO	9732462124	<b>Information Officer</b>	<b>Compensation Unit</b>
9	BDMO	8145329574	<b>Liason Officer &amp; Information Officer</b>	<b>Situation unit, Resource Unit, Communication</b>
10	Jt.BDO	9474005665	<b>Operation Section &amp; Logistic Section</b>	
11	OC, Fire Station	9674190726	<b>Search and Rescue Branch</b>	
12				
13				
14	AE (Roads)	9083286422	<b>Roads</b>	
15	OC, Electric, WBSCDCL	7449305322 7449305324	<b>Search and Rescue Branch (Electricity)</b>	
16	IMW	9073193719	<b>Transport Branch and Rail Unit</b>	
17	SAE, Rws	8945050112	<b>Water Unit</b>	
18	BLDO	9735241281	<b>ARD</b>	
19	AE, PHE Tamluk Sub-Division		<b>Water Supply</b>	
20	SAE(BP)	9476434051	<b>MSME</b>	
21	SI of Schools	9434953604	<b>Education</b>	
22	OC, BSNL		<b>Telephone</b>	
23	FEO	9733741070	<b>Compensation Unit and Operation Section</b>	
24	PDO		<b>Planing Section</b>	<b>Situation unit, Compensation Unit</b>
25	Addl. Inspector of BCW	8436021198	<b>Situation Unit</b>	<b>Facility Unit</b>
26	SAE, Civil		<b>Resource Unit</b>	<b>Communication &amp; Resorce Provisioning</b>
27	BIO	9735774812	<b>Documentation Unit</b>	
28	SAE(BP)	9476434051	<b>Demobilization Unit</b>	<b>Ground support</b>
29	2nd MO, BPHC	9475255458	<b>Medical Unit</b>	

30	Inspector , Food Supply	9674723792	<b>Food unit</b>	
31	DY. Sec.		<b>Facility Unit</b>	
32	Cashier	9474403249	<b>Finance &amp; Administration</b>	
33	Cashier, PS	9609033916	<b>Finance &amp; Administration</b>	<b>Compensation Unit</b>
34	CI		<b>Compensation Unit</b>	
35	HC in charge	9932135858	<b>Procurement Unit</b>	

**Temporary Flood Shelters :**

Sl. No.	Type Shelter	Capacity ( Room & Plinth Area )	Location	Contact person ( Address & Ph )
1.	Chakgarupota S.S. High School	3000	Chakgarupota	Pitabas Pramanik 9732547423
2.	Srirampur Agril. High School	3000	Srirampur	Naba Kumar Das 9434960543
3.	Nikashi High School	3500	Nikashi	Dilip Kr. Das 9732924293
4.	Kurpai High School	2000	Kurpai	Rabindranath Hait 9734657501
5.	Rajnagar Putputia S.C. High School	2000	Rajnagar Putputia	Tapas Kr. Pati 9635821770
6.	Kalagonda Rajani Vidyabhaban	2000	Changra kalagonda	Pranabesh Bhowmik 9609179340

**Tamluk Block level staff tagged with Gram Panchayat Staff for supervision and management with address and phone no.**

Sl No	Name of GP	Name of Officers & Staffs with Designation	Contact No.
1	Nilkunthia	Shambhunath Das,Jt.BDO	9474005665
		Malay Chakraborty, EA	9564143108
		Balaram Das, GPK	9734450629
2	Bishnubar-I	Bulti Mallick, BDMO	8145329574
		Sanjay Kr. Naskar, EA	9609596210
		Tapan Kr. Bhattacharya, GPK	9002234101
3	Bishnubar-II	Santanu Banerjee, JPO	
		Tamasa Mondal, Sahayak	9475213425
		Dipak Kr. Das, GPK	9647360723
4	Pipulberia-I	Sudipta Majumdar, LEOMEE	9836229631
		Goutam Guria, Sahayak	9775075238
		Rampada Debnath, GPK	8016737151
5	Pipulberia-II	Tapan Kr. Ghosh, SI OF F&S	9674723792
		Rajib Lochan Das, Secretary	9933510507
		Jaydeb Maity, Sahayak	9733787626
6	Anantapur-I	Sunil Kr. Mondal,Dy Secretary	9733761491
		Tarapada Patra, Secretary	9734461750
		Md. Yeasin Ali Biswas, Sahayak	9735215125



7	Anantapur-II	Manu Mondal, BIO	9735774812
		Mehebab Rahaman, Secretary	7872371482
		Somanth Basu, GPK	9609330341
8	Srirampur-I	Guruprasad Chowdhury, FEO	9733741070
		Barindranath Manna, Sahayak	9732579391
		Basudeb Jana, GPK	9734293417
9	Srirampur-II	Debasis Gayen, APO	9732462124
		Swapn Kr. Bhowmik, Sahayak	7797127660
		Goutam Kr. Das, GPK	9635852006
10	Padumpur-I	Debapriya Bag, BWO	9038355386
		Shyamal Sovan Jana, Nirman Sahayak	9831940858
		Sukumar Ch. Paul, GPK	7797226143
11	Padumpur-II	Santanu Dutta, VO	
		Samir Kr. Samanta, Sahayak	9732863453
		Sk. Unus Ali, GPK	9547895062
12	Uttar Sonamui	Subrata Kr. Bal, J.E., RWS	8945050112
		Souvik Kapat, Secy.	9233395316
		Muktipada Ari, GPK	9932170276

**Name of the Gram Panchayat Pradhan & Phone No.:**

Rabina Khatun	Anantapur-I	9091804820	
Amal Kr Barman	Anantapur-II	8016360392	
Biplab Kr. Pramanik	Bishnubar-I	9647102334	
Krishna Maity	Bishnubar-II	9932847386	
Ashok Kr. Paik	Nilkunthia	9733599252	
Rinku Maity	Padumpur-I	9593503982	
Bela Garu	Padumpur-II	9734536309/9609205088	
Soma Adak	Pipulberia-I	7872924748	
Jahar Lal Rout	Pipulberia-II	8001424171	
Manju Bera	Srirampur-I	8001561455	
Nishikanta Jana	Srirampur-II	9734858022	
Kajal Bera	Uttar Sonamui	9474897499	

**Panskura Development Block  
Block Disaster Management Committee (BDMC)**

Sl. No.	Name of the members	Designation	Contact No.
1.	Dhendhup Bhutia	B.D.O.	8373063042
2.	Manoranjana Malik	Sabhapati	9733597925
3.	Kurban Sha	Sahakari-Savapati	9733700786
4.	Sudhangshu Sekhar Bhakta	Karmadhyakshya	9800203473
5.	Tarun Krishna Bhattacharya	Karmadhyakshya	7319059191
6.	Kabita Ghara	Karmadhyakshya	9733547624
7.	Purna Chandra Hazra	Karmadhyakshya	7384508162
8.	Papiya Singha	Karmadhyakshya	7365993004
9.	Kalipada Kisiku	Karmadhyakshya	8016277730
10.	Laylunnehar Bibi	Karmadhyakshya	9800779390
11.	Nasrina Bibi	Karmadhyakshya	9933031072
12.	Sk Sahanaoj Hosen	Karmadhyakshya	9564590999
13.		Leader of opposition	
14.	Sri Rabindranath Kar	B.D.M.O.	9434803680/7908451802
15.	Sri Hari Sadhan Senapati	Jr. Engineer (AI)	9434623167
16.	Subrata Kumar Bal	Jr. Engineer (RWS)	9433401035
17.	Souman Sanpui	Jr. Engineer (BP)	9474702027
18.	Sakim Sk.	Jr. Engineer (RWP)	9800474041
19.	Dr. Sachindranath Rajak	Super, S.S. Hospital, Panskura	7797552512
20.	Ajit Kumar Jha	O.C, Panskura	9434218381
21.	Sri Bibhas Khutia	B.M.O.H.	9679788382
22.	Kousik Jana	SAE (Irrg. Sub-1)	8967509327
23.	Abhijit Das	SAE (Irrg. Sub-2)	9800638628
24.	Sri Vivekananda Mohanty	A.D.A.	9932394830
25.	Sri Kartik Ch. Samanta	B.L.D.O.	9732716434
26.	Sk Kabirus Ali	SAE(E), Pratappur	9547887830
27.	Palas Maji	SAE(E), Gourangapur	7449305322/ 03228241604/241029
28.	Gouri Sankar Das	Forest Ranger	9434436941
29.	Subhadip Roy	Inspector(F & S)	9475801201
30.	Balaram Singh	FEO	9732805060
31.	Vivekananda Ghara	OCM	9732775725
32.	Subir Samanta	AO	9732792957
33.	Srikanta Ghorai	AO	9647308432
34.	Ajoy Kr Bag	Peon to CI	9800456232
35.	Dilip Kr Mahapatra	NG	9800974149
36.	Dipankar Nath	Accounts Clerk	7908224016
37.	Pulak Kr. Maity	O.P	9434805607
38.	Krishna Pramanik	LDC (Elec)	7872469033
39.	Arjun Singh	Ins. BCW	9432156560
40.	Munmun Majhi	WDO	7890469308

**List of temporary flood shelters**

<i>Sl. No.</i>	<i>Name of flood shelter</i>	<i>Address</i>	<i>Capacity</i>	<i>GIS data</i>	
				<i>Longitude E</i>	<i>Latitude N</i>
1	S.S. patna High school	S.S. patna-Dakshin para	400	087° 41' 11.5"	22° 28' 00.1"
2	Purba Bakulda High School	Purba Bakulda	400	087° 42' 52.2"	22° 27' 22.3"
3	Malida High School	Malida	400	087° 44' 13.8"	22° 28' 55.0"
4	Jasora Charubala High School	Jiakhali-Paschim, Madhya and Uttar para	400	087° 44' 21.7"	22° 28' 09.6"
5	Hatishal High School	Hatishal	400	087° 44' 42.9"	22° 26' 50.6"
6	Palsa High school	Akhoar		087° 43' 31.0"	22° 26' 02.6"
7	Gobindanagar Muslim High School	Gobindanagar	400	087° 41' 01.3"	22° 27' 03.8"
8	Ratulua High School	Ratulua	400	087° 40' 13.4"	22° 24' 54.5"
9	Dakshin Mechogram Purnachandra Girl School	Dakshin Mechogram	400	087° 45' 04.2"	22° 24' 40.4"
10	Dhuliapur High School	Dhuliapur	400	087°46'17.7"	22°23'08.8"
11	Ghoshpur High School	Haur-Uttar para	400	087° 49' 18.5"	22° 22' 10.9"
12	Kumarpur Hateshwar High School	Kumarpur	400	087° 42' 13.8"	22° 20' 41.7"
13	Amdan High School	Amdan	400	087° 41' 17.8"	22° 20' 48.3"
14	Pulsita Bholanath High School	Pulsita	400	087° 39' 54.6"	22° 20' 35.2"
15	Kalai Gobardhan High School	Kalai-Purba para	400	087°43'30.9"	22°19'04.8"
16	Bijoyramchak High Madrasa	Udaypur	400	087°43'50.3"	22°21'34.2"
17	Lakshyakurai High School	Harirampur	400	087°43'21.5"	22°20'30.5"
18	Harinarayanchak	Harinarayanchak	400	087°44'14.0"	22°20'38.9"

	high School				
19	Purba chilka High School	Purba chilka	400	087°46'23.8"	22°18'33.5"
20	Harijhama High School	Harijhama	400	087°45'35.8"	22°21'22.9"
21	Kaminachak High School Room No. 1	Kaminachak-Uttar and Dakshin para	400	087°47'22.9"	22°22'33.8"
22	Purba Sukutia Girls Jr. High School	Purba Sukutia	400	087°47'18.8"	22°21'27.4"
23	Raghunathbari R.T. High School	Raghunathbari - Paschim para	400	087°47'08.0"	22°21'23.2"
24	Chainpur Brindabala Girls Jr. High School	Chainpur	400	087°49'05.8"	22°21'56.3"
25	Khandakhola Jr. High School	Khandakhola - Uttar para	400	087°48'31.4"	22°21'07.5"

**Temporary helipad / air-dropping point**

Sl. No.	Name of the place	Address	GIS data	
			Longitude E	Latitude N
1	S.S. Patna High School .	S.S. Patna	087° 41' 11.5"	22° 28' 00.1"
2	Malida High School.	Malida	087° 44' 13.8"	22° 28' 55.0"
3	Jasora Charubala Girls High School .	Jasora	087° 44' 21.7"	22° 28' 09.6"
4	Hatisal High School.	Hatisal	087° 44' 42.9"	22° 26' 50.6"
5	Ratulua High School.	Ratulua	087° 40' 13.4"	22° 24' 54.5"
6	Mangaldwari Pry. School.	Mangaldwari	087° 41' 02.8"	22° 24' 11.5"
7	Dakshin Mechogram Purnachandra Balika Vidyalay.	Dakshin Mechogram	087° 45' 04.2"	22° 24' 40.4"
8	B.D.O. Office Flood Shelter.	Balidangri	087°43'10.7"	22°23'53.2"
9	Amdan High School .	Amdan	087° 41' 17.8"	22° 20' 48.3"
10	Ghoshpur High School.	Ghoshpur	087° 49' 18.5"	22° 22' 10.9"
11	Lakshyakuri High School.	Lakshyakuri	087°43'21.5"	22°20'30.5"
12	Harinarayanchak High School.	Harinarayanchak	087°44'14.0"	22°20'38.9"
13	Bijoyramchak High Madrasa.	Bijoyramchak	087°43'50.3"	22°21'34.2"
14	Nilmoniramchak Pry. School.	Nilmoniramchak	087°42'52.4"	22°21'03.6"
15	Purba Chilka High School .	Purba Chilka	087°46'23.8"	22°18'33.5"
16	Radhaballavchak Pry. School No.-I ( Maktab ) .	Radhaballavchak	087°45'10.7"	22°19'59.3"

17	Rupchak Mahadole Pry. School .	Mahadole	087°46'00.9"	22°19'37.5"
18	Gourangapur Jr. Basic School.	Gourangapur	087°46'10.5"	22°21'25.6"
19	Purusottampur Part Basic School.	Purusottampur	087°47'01.1"	22°20'57.9"
20	Raghunathbari Rattala ( Near G.P. Office ).	Raghunathbari	087°46'52.6"	22°21'28.4"
21	Gogrash Board Pry. School.	Gogrash	087°47'41.0"	22°20'29.3"
22	Dhuliapur High School.	Dhuliapur	087°46'17.7"	22°23'08.8"
23	Raybanch Pry. School.	Raybandh	087°44'20.1"	22°20'57.0"

**List of Boat owners (Private):-**

Sl. No.	Name of boat owners	Address	Contact No.
1	Gurupada Dolai	Lalchak(Ghoshpur)	9732791127
2	Chandan Nayek & Aswini Nayek	Amdan Nischintachak (Haur)	9932642878
3	Madhusudan Maji	Baharpota(Khandokhala)	9735310532
4	Saktipada Dolai	Srirampur (Radhaballavchak)	9609346806 (C/O) Upa-Pradhan
5	Ananta Mishra	Manur (Gobindanagar)	7872743597
6	Sukumar Ghanta	Manur (Gobindanagar)	9002122421
7	Ananta Kuila	Manur (Gobindanagar)	9002400912

**Nandakumar Development Block**

Name & Address of the Block :

Name of Block	Address
<b>Nandakumar Dev. Block</b> E- mail : <a href="mailto:bdondk2015@gmail.com">bdondk2015@gmail.com</a> ,	Vill- Khejurberia, P.O. - Nandakumar. P.S. Nandakumar. Dist – Purba Medinipur. Phone: 03228-275239.

No., Name & Phone No. of Gram Panchayat :

Sl. No.	Name of Gram Panchayats	Contact No. Office Land No.	E-mail ID
1	Bargodagodar	(03228) 260356	bargodagodargp@gmail.com
2	Kumarchak	(03228) 277443	kumarchak.gp@gmail.com
3	Dk. Narikelda	(03228) 210127	dknarikeldagp@gmail.com
4	Chaksimulia	(03228) 210919	gp4ndk@gmail.com
5	ByabattarhatPaschim	(03228) 263085	byabattarhat.gp5@gmail.com
6	Byabattarhat Purba	(03228) 263638	gp6ndk@gmail.com

7	Basudevpur	(03228) 210907	basudevpur7@gmail.com
8	Kumarara	(03228) 275252	kumarara.gp@gmail.com
9	Kalyanpur	(03228) 210911	kalyanpurgp9@gmail.com
10	Shitalpur Paschim	(03228) 210914	gp10.ndk@gmail.com
11	Saoraberia Jalpai-I	(03228) 277355	sbjalpai1gp@gmail.com
12	Saoraberia Jalpai-II	(03228) 210917	sbjalpai2@gmail.com

**List of Boat owners :**

Sl. No.	GP Names	Name of. Boat Onwers with Contact Nos	Address
1	Byabattarhat Purba	1) Sital Dalapati, 2) Bimal Hait (Mob: 9800914293) 3) Saumen Das(Mob:9732557313) 4) RabindraNath Mondal(Mob: 9734366519) 5) Chatur Samanta	1) Mirpur 2) Mirpur 3) Totaberia 4) Ichhapur 5) Narayanpur
2	Kalyanpur	Khokan Maity	Jagannath Khali
3	Saoraberia Jalpai-I	Harekrishna Maity	Chhayfukar
		Chandan Maity	Chhayfukar
		Kalipada Dolai	Chhayfukar

**List of temporary flood shelters:**

Sl. No.	Name of flood shelter	Address	Capacity	GIS data	
				Longitude(E)	Latitude(N)
1	Bargodagodar Krishna Smiritti H. S. School.	Bargodagodar	1200	87°49'48.9"	22°12'41.3"
2	Bargoda Annadacharan Banimandir	Bargoda	1000	87°48'54.5"	22°13'51.1"
3	Chaksimulia Kamakha Vidyapith	Vill. -Thekuachak	4000	87°51'26.0"	22°13'01.3"
4	Thekuachak Chhatri Siksha Niketan	Vill.-Thekuachak	3000	87°51'29.8"	22°13'05.4"
5	Bohichberia Madhya Pry. School	Vill.- Bohichberia	1800	87°51.375'	22°15.043'
6	Dk. Hatgechia H. S. School	Dk. Hatgechia	300	87°52.810'	22°12.727'
7	Bya. Paschim Adarsha High School	Byabattarhat	1500	87°55.534'	22°14.783'
8	Betkalla Milani Vidyaniketan	Betkalla	1300	87°54.571'	22°14.677'
9	Ichhapur Pancha grami high School	Ichhapur	500	87°56.821'	22°14.762'
10	Ganadamoyee Girls H.S. School	Tarageria	400	87°55'40.1"	22°14'44.6"
11	Srikrishnapur H.S. School.	Dk. Srikrishnapur	500	87°55.557'	22°13.287'

12	Khanchi Gunadhar Adarsha Vidyapith	Khanchi beside NH-41 High Rd	500	87°54.182'	22°12.656'
13	Basudevpur Maharaja Nandakumar H. S. School	Nandakumar Bazar	500	87°55'24.1"	22°11'58.8"
14	Paramhanspur Barkataia High madrasa	Nandakumar	200	87°55.144'	22°11.558'
15	Khanchi Dhananjay Balika Vidyamandir	Khanchi beside NH-41 High Rd	200	87°54'14.5"	22°12'37.8"
16	Basudevpur Kanya guru girls school.	Nandakumar	100	87°55.430'	22°12.253'
17	Mahammadpur Satya Smriti H. S School	Mahammadpur	860	87°55.120'	22°11.839'
18	Kumarara B.D. Pry. School.	Mahammadpur	200	87°56.298'	22°11.600'
19	Rajnagar R.A. Vidyapith	Rajnagar	500	87°51.766'	22°11.198'
20	Saoraberia Jalpai Chhatri Shiksha Nketan	Saoraberia Jalpai	500	87°50.151'	22°10.122'
21	Saoraberia Jalpai High School	Saoraberia Jalpai	700	87°50.620'	22°11.168'

**Temporary helipad / air-dropping point :**

<b><u>Sl No.</u></b>	<b><u>Name of the place</u></b>	<b><u>Latitude(N)</u></b>	<b><u>Longitude(E)</u></b>
1	Bargoda Annadacharan Banimandir	22°13'51.1"	87°48'54.5"
2	Mahishgote SSK	22°13.051'	87°51.862'
3	Chakdurgabasan Pry. School	22°12.425'	87°52.231'
4	Dk. Hatgechia Kanailala Vidyapith	22°12.727'	87°52.810'
5	Chaksimulia Spl Pry. School	22°12.738'	87°52.231'
6	Byabattarhat Adarsha High School	22°14.783'	87°55.534'
7	Khanchi Gunadhar Adarsha Vidyapith Play ground.	22°12.656'	87°54.182'
8	Kumarara B.D. Pry. School.	22°11.600'	87°56.298'
9	Mahammadpur Satya Smriti H. S School	22°11.600'	87°55.120'

**Block Disaster Management Committee (BDMC) cum E.O.C.**

<b><u>Sl. No.</u></b>	<b><u>Name of the members</u></b>	<b><u>Designation</u></b>	<b><u>Contact No.</u></b>
1.	Md. Abu Tayeb	BDO	8373063039
2.	Sukumar Dey	MLA	9434138460
3.	Sukumar Bera	Sabhapati	9434138811
4.	Sujit Ch.Lodh	Jt. BDO	9477597950
5.	Abhijit Dolai	JE(WRDD)	8017153557
6.	Swapan Kar	JW(BP)	9474622559
7.	Sudip Ghosh	BDMO	9434806117
8.	Nek Parvin Bibi	Karmadhakshya, Trar	9775683184
9.	Himangshu Baidya	CDPO	9143116061
10.	Amiya Ghosh	OC,Nandakumar	9475328169
11.	Dr. Dipak Mondal	ADA	9083253233
12.	Dr. Koel Das	BMOH	9547574557
13.	Dr. Abhijit Saha	BLDO	7797390860
14.	Gopal Pal	Inspector F & S	9733908521
15.	Anupam Maity	FEO	9733571693
16.	Snaoli Malakar	LDA(Relief)	9635617006
17.	Syed Manu Ali	LDA(RWP)	8348002862

18.	Nilay Ranjan Das	SEO	9432321958
19.	Pataki Dhali	P.S. Peon	9800881169
20.	Maloy Manna	Night Guard	8927911030
21.	Swapn Kumar Bera	Orderly to B.D.O.	9233881591
22.	Niranjan Das	Orderly to CI	9933343299
23.	Station Manager, WBSEDCL	Station Manager, WBSEDCL	9564279045

**Kolaghat Development Block  
Block Disaster Management Committee:**

Sl. No	Name	Designation	Address	Phone Number
41.	Tapan Kumar Ghara	Sabhapati, (Chairman) Kolaghat Panchayat Samity	Kolaghat Panchayat Samity	<b>Mob. 9732757572</b>
42.	Tapas Kumar Hajra	B.D.O. / Convener	Kolaghat Development Block	<b>8373063038</b>
43.	Raj Kumar Kundu	Sahakari Savapati/ Member	Kolaghat Panchayat Samity	<b>9333010333</b>
44.	Malabika Basu	Block Disaster Management Officer(BDMO)/Member	Kolaghat Block	<b>9732830486</b>
45.	Kashinath Chowdhury	Officer In-Charge ,Kolaghat Police Station / Member	K.T.P.P. (Police Station)	<b>9083269724</b>
46.	Dr.Shibshankar Khan	B.M.O.H. member	Paikpari, Kolaghat	9007918975
47.	Nirmal Mandal	Asst. Engineer , PWD)/W/IA, SDO, Tamluk		<b>9734484242</b>
48.	Spurti Mondal	A.D.A./ Member	Kolaghat Block	8902245624
49.	Dr. Swapn Jana	B.L.D.O. / Member	Kolaghat	9614592810
50.	Subhajit Samanta	S.I. Kolaghat / Member	Kolaghat Circle	<b>9432980567</b>
51.	Parimal Naskar	S.I. / Member	Kolaghat – 1 Circle	<b>8016593668</b>
52.	Bimal Mondal	Ins. F&S/ Member	Kolaghat	7384760356
53.	Sumitra Patra	Karmadhyaksha,ZP,NGO (MAVA) / Member		<b>9932771422</b>
54.	Lalit Chowdhury	SDO, Irrigation, Panskura/ Member	Panskura	<b>8076198886</b>
55.	Sanjay Kumar Maity	Karmadhyaksha Siksha/ Member	Kolaghat Panchayat Samity	<b>9474505528</b>
56.	Biswajit Patra	Krishi Karmadhyaksha/ Member	Kolaghat P.S.	9932280144
57.	Gour Chandra Malik	Karmadhyaksha Janasaswatha / Member	Do	9933695236
58.	Asim Samui	Karmadhyaksha Silpa Bidyut O Ochiracharit/ Member	Do	8373062419
59.	Suraiya Khatun	Karmadhyaksha Sishu –O-Nari Unnayan Janakalyan –O -Tran/ Member	Kolaghat P.S.	8145355836
60.	Dwijendra Nath Sahu	Karmadhyaksha Food/ Member	Kolaghat Panchayat Samity	8436006991
61.	Mamoni Bhowmick	Karmadhyaksha Fish/ Member	Kolaghat Panchayat Samity	8910251306
62.	Sk Sahadat Ali	Karmadhyaksha Purta/ Member	Kolaghat Panchayat Samity	9836586448
63.	Sandip Ghosal	Station Manager WBSEDCL (Kolaghat)/ Member	Kolaghat	7449306317



**List of Boat owners:**

Sl. No.	Name of Boat owners	Address	Contact No.
01.	Sambhu Mondal	Village—Jasar	9733800972
02.	Joydeb Khanra	Do	8926115183
03.	Mukti Dhara	Saluka ( Bel Kotha )	Nil
04.	Kasinath Nath Pal	Denan	8371999897

**Temporary Flood Shelter:**

Name of Gram Panchayat	Sl No / Ps. No	Name of Temporary Rescue Shelter	Condition of Rescue Shelter	Capacity	Longitude	Latitude	Area covered and route chart	Status of cattle shed
Khanyadihi	1/17	Khanyadihi High School	Two storied Building	2000 persons	87° 47' 44.3" E	22° 28' 11.9" N	Khanyadihi, Kajichak, Baxitala and Saoraberia covered by Baxitala to Khanyadihi Moorurum road.	NIL
	2/29	Sulani High School	Two storied Building	1500 persons	87° 50' 14.0" E	22° 29' 10.0" N	Sulani, Pakuria, Upantakul and Madhabpur covered by Madhabpur to Sulani.	NIL
	3/26	Manua High School	Two storied Building	1200 persons	87° 49' 26.3" E	22° 27' 58.9" N	Mukadangi, Ramchandrapur, Sajinagachhi, Kulia, Manua covered by moorum road.	NIL
Amalhanda	4/91	Gopalganj High School	Two storied Building	2500 persons	87° 51' 31.2" E	22° 25' 00.4" N	Tahala, Paschim Bahala, Andulpota, Barbahala covered by moorum road	NIL
	5/95	KTPP High School	Two storied Building	5000 persons	87° 51' 19.7" E	22° 25' 59.1" N	Meshara, Purba Bahala, Mihitikiri, covered by Paca (Partly) & Morrum Road	NIL
	6	Kaur Gurukul Junior Bidyalaya	One storied Building	1000 persons	87° 52' 02.0" E	22° 25' 45.1" N	Kaurchandi, Gopalpur (Partly) covered by moorum road	NIL
Gopalnagar	7/59	Bathanberia Srinibas High School	One storied Building	500 persons	87° 52' 02.3" E	22° 27' 55.6" N	Bathanberia, Borodangi (Part) Paka road stoppage Aswathatala and rest moorum road.	NIL
	8/56	Raine Amulya Bidyabhan High School	One storied Building	500 persons	87° 52' 14.9" E	22° 28' 45.6" N	Raine Paschim para covered by Gangamaro to Raine moorum road.	NIL
	9B	Raine Amar Seba Sangha Club	One storied Building	500 persons	87° 52' 37.7" E	22° 29' 42.6" N	Raine Paschim para covered by Gangamaro to Raine moorum road.	NIL
	10C	Raine Sammilani Club	One storied Building	250 persons	87° 52' 39.5" E	22° 29' 43.6" N	Raine Madhyapara covered by Raine Shib tala moorum road.	NIL
	11D	Raine Nabodaya	One storied	300 persons	87° 52' 27.8" E	22° 29' 17.5" N	Raine Madhyapara covered by Raine Shib tala moorum	NIL

		Sangha	Building	ns			road.	
	12 E	MaroberiaPrySchool	One storied Building	300 persons	87° 52' 56.4" E	22° 28' 37.1" N	Maroberia covered by moorum road on River Bandh.	NIL
	13 /53	Gopalnagar K. K. Institution	Two storied Building	700 persons	87° 51' 42.0" E	22° 29' 24.1" N	Gopalnagar, Purba Manika, Khadinan moorum road and Paka road.	NIL
	14 / 50	Gopalnagar Girl HS School	One storied Building	500 persons	87° 51' 44.6" E	22° 29' 26.3" N	Gopalnagar, Purba Manika, Khadinan moorum road and Paka road.	NIL
<b>Kola-I</b>	15 / 72	KolaUnion High School	Two storied Building	5000 persons	87° 52' 29.5" E	22° 26' 41.5" N	Kola covered by moorum road and paka road partly.	NIL
	16 F	KolaGirlSchool	Two storied Building	3000 persons	87° 52' 24.4" E	22° 26' 41.4" N	Kola covered by moorum road and paka road partly.	NIL
	17/ 73	KolaPrySchool	One storied Building	1000 persons	87° 52' 24.8" E	22° 26' 41.3" N	Kola covered by moorum road and paka road partly.	NIL
	18/ 76	BarhBarisha PrySchool	One storied Building	500 persons	87° 52' 17.2" E	22° 26' 26.4" N	Barbarisha covered by moorum road.	NIL
	19/ 78	BarishaPrySchool	One storied Building	300 persons	87° 52' 12.4" E	22° 26' 10.2" N	Barisha covered by moorum road.	NIL

<b>Kola-II</b>	20 BB	Gopalchak PrySchool	One storied Building	150 persons	87° 51' 57.7" E	22° 27' 15.4" N	Chakgopal covered by moorum road.	NIL
	21/ 69	PaikPariPrySchool	One storied Building	250 persons	87° 42' 24.0" E	22° 27' 0.53" N	Paikpari covered by moorum road and paka road partly.	NIL
<b>Pulsita</b>	22/ 109	DeuliaHiramHigh School	Two storied Building	3000 persons	87° 50' 16.4" E	22° 26' 02.8" N	Bagur, Mihitikiri, Deulia, Parit and Barparit covered by NH-6 (south side).	NIL
	23/ 108	Deulia Balika Bidyamandir	One storied Building	1000 persons	87° 50' 27.9" E	22° 26' 24.1" N	Pansila, Pulsita and Nonachak covered by NH-6 (north side).	NIL
	24/ 103	Kshetrahat Haradhan Institution	One storied Building	2000 persons	87° 49' 11.1" E	22° 27' 06.0" N	Gobordhanpur, Parulia, Pathugeria, Kshetrahat, Dharmaberh, Jugiberh, Kumarhat and Prayag covered by Paka road kshetrahat stoppage.	NIL
<b>Bhogpur</b>	25/ 146	BhogpurKernamHigh School	Two storied Building	1800 persons	87° 48' 41.2" E	22° 24' 04.7" N	Bhogpur, Bangalpur Part covered by moorum road and south eastern railway.	NIL

	26/143	Kishorechak Banamali HS	One storied Building	1500 persons	87° 47' 37.7" E	22° 23' 49.2" N	Kishorechak, Namalbarh moorum road from Kishorechak to Namalbarh.	NIL
	27/144	KodaliaPalliUnnayanPrySchool	One storied Building	150 persons	87° 48' 40.0" E	22° 24' 29.7" N	Kodalia covered by moorum road.	NIL
	28/152	BhogpurBoardPrySchool	One storied Building	200 persons	87° 48' 42.5" E	22° 24' 04.2" N	Bhogpur, Bangalpur Part covered by moorum road.	NIL
	29/147	Bhogpour MaktabPrySchool	One storied Building	150 persons	87° 49' 12.6" E	22° 24' 41.2" N	Bhogpur covered by moorum road	NIL
	30/140	NarayanPakuriaMaktabPrySchool	One storied Building	200 persons	87° 47' 11.7" E	22° 23' 45.7" N	Narayan pakuria covered by moorum road and concrete road 600 mtr.	NIL
	31/150	NandaigajanBoardPrySchool	One storied Building	150 persons	87° 49' 48.0" E	22° 24' 09.0" N	Nandaigajan covered by moorum road.	NIL
<b>Siddha-I</b>	32/127	Siddha SS Bidyabhavan	Two storied Building	1500 persons	87° 47' 15.5" E	22° 25' 27.2" N	Siddha covered by moorum road and partly NH-6	NIL
	33/122	UttarJianda High School	One storied Building	1500 persons	87° 48' 07.5" E	22° 26' 13.1" N	Uttar Jianda covered by moorum road and partly NH-6	NIL
	34/123	Jianda Daksinpara Pry. School	One storied Building	550 persons	87° 47' 53.4" E	22° 25' 24.1" N	Jianda covered by moorum road and partly NH-6	NIL
<b>Siddha-II</b>	35/G	KaliswarPrySchool	Ground floor	40 persons	87° 45' 42.5" E	22° 25' 06.2" N	Kaliswar covered by moorum road.	NIL
	36/131	GurchakliTNPrySchool	One storied Building	100 persons	87° 46' 35.3" E	22° 25' 43.8" N	Gurchakli and Bishnubarh covered by moorum road.	NIL
	37/132	KantabaniPrySchool	Ground floor	40 persons	87° 45' 56.2" E	22° 26' 11.2" N	Kantabanisan covered by moorum road.	NIL
<b>Bri</b>	3	Paramanda	Two	2500	87° 47'	22° 26'	Paramanandapur, Uttar and	NIL

<b>ndabanchak</b>	<b>8 / 12</b>	pur RN Bidyapith	storied Building	person s	12.8" E	44.7" N	Dakshin para and Bankadanga covered moorum road from Paramanandapur to Bankadanga.	
	<b>39 H</b>	Arisand SS Bidyapith	One storied Building	1500 person s	87° 45' 52.9 E	22° 26' 28.0" N	Arisanda, Jagannathpur, Markandapur, Ramnagar and Krishnanagar covered by moorum road Arisanda to Krishnanagar.	NIL
	<b>40 / 3</b>	UttarparaPr ySchool	Ground floor	300 person s	87° 46' 26.2" E	22° 28' 17.6" N	Brindabanchak Uttarpara, Maity, Bhowmik, Pramanik, Dhara, Samanta and Manna Para covered b y moorum road Haritakitala to Bager More to again Haritakitala.	NIL
	<b>41 / 2</b>	DakshinBri ndabanchak SitalaPrySc hool	Ground floor	500 person s	87° 46' 01.2" E	22° 28' 13.5" N	Covered by booth no 01 & 02- Dolui, Mallick, Kandar, Das, Hootait, Nayek, Goswami and Jana Para covered by Paka road and moorum road.	NIL
<b>Deriachak</b>	<b>42 / 154</b>	Deriachak Sri Auarbinda Bidyamath	Two storied Building	1000 person s	87° 48' 53.4" E	22° 22' 18.3" N	Paschim Mahal, D.Mahal, covert by packa (Partly) covered by Morrum	NIL
	<b>43 / 156</b>	Hirapur KK High School	Two storied Building	1500 person s	87° 50' 12.5" E	22° 22' 06.5" N	Bangalpur, Sapua, Hiripur, Bankurachak covered by moorum raod	NIL
	<b>44 / 162</b>	JafullyDesh apranHigh School	Two storied Building	1200 person s	87° 50' 39.4" E	22° 23' 44.1" N	Bagicha, Kumarchak, Betberia, Jafully Bibichak, covered by moorum road	NIL
	<b>45 / 164</b>	JhakurkulH igh School	Two storied Building	1200 person s	87° 50' 09.0" E	22° 23' 57.1" N	Jhakurkul, Nandaigajan, covered by moorum road	NIL
<b>Sagarbarh</b>	<b>46 / 116</b>	B. S. Bidyabhaba n	One storied Building	2000 person s	87° 48' 47.7" E	22° 25' 05.9" N	Deulbarh, Bardabarh, Bardanankar, Dakshin Sagarbarh Part and Saradabasan covered by moorum road.	NIL

	4 7 / 1 1 3	NahalaPrySchool	Ground floor	500 persons	87° 50' 16.4" E	22° 25' 02.4" N	Nahala, Tahala, Chakghola Part covered by moorum road.	NIL
	4 8 / 1 2 1	BardabarhPrySchool	Ground floor	500 persons	87° 49' 09.7" E	22° 25' 55.1" N	Amirchak, Gobinda chak, Bardabarh covered by moorum road and cannel bandh.	NIL
	4 9 / 1	BrindabanchakPrySchool	Ground floor	500 persons	87° 49' 13.0" E	22° 25' 26.4" N	Chakghola and Brindabanchak covered by moorum road.	NIL
<b>Baishnabchak</b>	5 0 / 5 5	JassarPrySchool	Ground floor	500 persons	87° 52' 22.8" E	22° 30' 32.9" N	Jassar, Saluka, Machinan, covered byPacka (Partly) moorum road	NIL
	5 1 / 5 2	KulhandaPrySchool	Ground floor	300 persons	87° 51' 29.9" E	22° 30' 34.8" N	Kashigori, Purba Manika, Baharjola covered by moorum road	NIL
	5 2 / 3 4	BaishnabchakHigh School	Two storied Building	3000 persons	87° 50' 13.6" E	22° 30' 16.1" N	Baishnabchak covered by moorum road	NIL
	5 3 J	GourangachakPrySchool	Ground floor	300 persons	87° 49' 18.6" E	22° 29' 03.1" N	Gourangachak, Kismatkhayra covered moorum road	NIL
	5 4 / 3 5	BhordahaPrySchool	Ground floor	300 persons	87° 50' 28.0" E	22° 30' 17.4" N	Bhordaha and Durba chati covered by moorum road.	NIL
	5 5 / 4 0	KalagechhiaPrySchool	Ground floor	400 persons	87° 50' 56.6" E	22° 30' 13.6" N	Kalagechhia covered by moorum road	NIL

**Temporary helipad / air dropping point:**

Sl. No.	Name of place	Address	GIS data
01.	K.T.P.P. High School Football Ground	K.T.P.P. High School at Mesara Village under Amalhanda GP	Longitude 87 51'38.4"E Longitude 22 25'52.0"N

**Construction of Block E.O.C. / Control Room:**

As per Order of B.D.O. Kolaghat a team is being formed to combat the unworthy situation as follows :

Sl. No.	Name & Designation	Contact No.
01.	Sri Ashim Ghosh, Jt. BDO	9932246050
02.	Sri Abhishek Ghosh, PDO	7602478225
03.	Sri Tapas Mukherjee, IDO	9051064551
04.	Smt. Malabika Basu , BDMO	9732830486
05.	Dr. Kallol Maiti, BLDO	9933444484
07.	Sri Jayanta Kr. Maity, DEO	9434959296
08.	Sri Dipak Mondal, CI	9474407763
09.	Sri Manas Mukherjee, SAE & SO, Jasar Section	9804763429
10.	Sri Puspen Mondal, SAE & SO, Denan Section	9433303050
12.	Sri Kallol Karan Ins.F & S	8900161720
13.	Sri Basudeb Panja, Cashier	9474407763
15	Sri Malay Bikash Samanta UDA - Relief	9002522837
16	Jayeeta Biswas, LDA - Relief	8981172774
17	Sri Jayanta Barman, AAEO	9800095005
18.	Bappa Saha, Deputy Secy.	9434373727
19.	Sri Asit Dutta,MDM Sup.	9434098091
21.	Sri Moloy Kumar Pal. DEO MDM	9933932419
22.	Sri Chandan Sadhukhan, Peon	9732551859
23.	Sri Ajit Dolai, Peon	9635546246
24.	Sri Tapas Halder, Choukidar	9153118138
25.	Sri Chandra Mohan Jana, Orderly	8926511454

**Sahid Matangini Development Block**

List of Boat owners :

Sl. No.	Name of boat owners	Address	Contact No.
1	Badal Sautia	Jamitya	9732656891

List of temporary flood shelters :

Sl. No.	Name of temporary rescue shelter	Capacity (Room and Plinth Area)	Location	Facilities Available	Remarks (Single or Double)
1	Mathuri Kalyanika Balika Vidyalay	1000 Sq. Feet	Mathuri	Water Sanitation, Electricity	Double
2	Demari High School	1000 Sq. Feet	Demari	Water Sanitation, Electricity	Double
3	Gobindapur High School	1000 Sq. Feet	Gobindapur	Water Sanitation	Double
4	Chatra Kunjarani High School	1000 Sq. Feet	Chatra	Water Sanitation, Electricity	Double
5	Hakola High School	1000 Sq. Feet	Hakola	Water Sanitation	Double

6	Ramchandrapur Baikuntha Vidyapith	1000 Sq. Feet	Ramchandrapur	Water Sanitation, Electricity	Double
7	Kharui Union High School	1000 Sq. Feet	Kharui	Water Sanitation, Electricity	Double
8	Nigamananda High School	1000 Sq. Feet	Balarampur	Water Sanitation, Electricity	Double
9	Krishnaganj K.S.Vidyalay	1000 Sq. Feet	Hogla	Water Sanitation, Electricity	Double
10	Balluk High School	1000 Sq. Feet	Kanktia	Water Sanitation, Electricity	Double

Temporary helipad :

Sl. No.	Name of the place	Address	GIS data
1	2	3	4
1	DemariHigh School Ground at Demari	Demari	22°20'11.7"&87°53'50.3"

Temporary air-dropping point :

Details of the place	Longitude (East)	Latitude (North)
DemariHigh School at Demari	22°20'11.7"	87°53'50.3"
GobindapurHigh School at Gobindapur	22°20'48.8"	87°52'10.8"
Ramchandrapur Baikuntha Vidyapith, Ramchandrapur	22°23'52.1"	87°52'22.9"
NigamanandaHigh School at Balarampur	22°23'3.7"	87°55'00"

### Block Disaster Management Committee (BDMC)

Sl. No	Name	Designation	Phone Number	
			Office	Residence
1.	Smt. Tanushree Jana, Savapati	Chairman, BDMC	03228- 258266	9732442353
2.	Gobinda Das,WBCS(Exe.) In-Charge of BDO	Convenor, BDMC	03228- 258239	8373063037
3.	Sri Bamdev Guchhait, Saha-Savapati	Member, BDMC	03228- 258266	7407039457
4.	Sri Saktipada Sen, Jt.BDO	Member, BDMC	03228- 258239	943312911
5.	Tania Parvin, Karmadhakshya	Member, BDMC	03228- 258266	8926725579
6.	Saroj Kr. Das, SAE(RWP)	Member, BDMC	03228- 258239	9476107744
7.	Sudarshan Ch. Ghorai, ADA	Member, BDMC		9434245504
8.	Dr.Janalosh Karan, V.O.	Member, BDMC		9434230240

9.	Partha Chattapadhaya, FEO	Member, BDMC	03228- 258239	9800077677
10.	C.D.P.O., SM Block	Member, BDMC		
11.	Kinnor Rana, Ins. of F&S, SM Block	Member, BDMC		9434400514
12.	Arijit Roy, B.M.O.H., SM Block	Member, BDMC		9748978961
13.	Circle Inspector of Police, Tamluk Circle	Member, BDMC		
14.	Manas Maity, Stn. Mngr., WBSEDCL	Member, BDMC		9434509180
15.	Asstt. Engineer, PWD, Tamluk Sub-Div.	Member, BDMC		
16.	Asstt. Engineer, PHE, Tamluk Sub-Div.	Member, BDMC		
17.	Asstt. Engineer, I&W Deptt., Tamluk Sub-Div.	Member, BDMC		
18.	The O.C., Tamluk Police Stn.	Member, BDMC		
19.	Samir Hazra, BDMO	Member, BDMC		
20.	Range Officer, NandakumarForestRange	Member, BDMC		
21.	Ashrukana Mandal (Patra), AT, Demari Girls' High School	Member, BDMC		9679611033
22.	Chandana Samanta, NGO Secry.	Member, BDMC		
23.	Tapan Kr. Dinda, AT, Demari Boys' High School	Member, BDMC		9002101298
24.	Shyamal Pr. Jana, NGO Secry.	Member, BDMC		9733525880
25.	Hirendranath Jana, Sr. Citizen	Member, BDMC		9732735203
26.	Ajoy Mahato, AT, Ramchandrapur Baikunthya Vidyapith	Member, BDMC		9732749262
27.	Alok Mistri, APO	Member, BDMC		8967380309
28.	Sk. Mofijar Rahaman , PA&AO	Member, BDMC		
29.	Tapas Kumar Dey, Dy. Secretary	Member, BDMC		9932758487
30.	Sekhar Halder,IMW	Member, BDMC		
31.	Sujit Maity, CI	Member, BDMC		9804805875
32.	Suchismita Bhowmick, (Dasgupta), SEO	Member, BDMC		



**Construction of Block E.O.C. / Control-Room****E.O.C. Phone No.& Fax No. :- 03228-258239****E.O.C. E-Mail I.D. :- [bdosmdb@gmail.com](mailto:bdosmdb@gmail.com)**

<b>Sl. No.</b>	<b>Name &amp; designation</b>	<b>Contact No.</b>
1.	Gobinda Das, WBCS(Exe.) In-Charge of BDO	8373063037
2.	Shaktipada Sen, Jt.BDO	9474421908
3.	Bamdev Guchhait, Saha-Savapati	7407039457
4.	Soumyashri Mitra, SAE(AI)	9477552120
5.	Saroj Das, SAE(RWP)	9476107744
6.	Tapas Kumar Dey, Dy. Secy.	9932758487
7.	Samarendu Rath, Cashier	9434507594
8.	Dipanshu Sekhar Mandal, A/C	9732580979
9.	Pranab Maji, F.C.(Horticulture)	9851372249
10.	Suwendu Ghora, DEO, Kanyashree	9635546417
11.	Narayan Ch. Maji, Gr-D	9635030284
12.	Tarak Pramanik, Contingent Menial	7407338787
13.	Sankar Sasmal, Contingent Menial	7797084916

**Chandipur Development Block****List of temporary flood Shelters.**

<b>Sl. No.</b>	<b>Name of flood Shelter</b>	<b>Address</b>	<b>Capacity (persons)</b>	<b>GIS data</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Longitude( E)</b>	<b>Latitude (N)</b>
<b>01.</b>	Korekhali High School	Korekhali	500	87°50'44.9"	22°08'17.9"
<b>02.</b>	Chowkhali High School	Chowkhali	1500	87°49'6.3"	22°07'44.9"
<b>03.</b>	Chowkhali G.P.M.K. Vidyapith	Chowkhali	1000	87°49'6.3"	22°07'44.9"
<b>04.</b>	Boroj High School.	Boroj	1500		
<b>05.</b>	Atattar High School.	Atattar .	700	87°49'19.5"	22°07'05.4"
<b>06.</b>	Gopinathpur High School.	Gopinathpur	1500		
<b>07.</b>	Hanschara M. D. High School	Hanschara Bazar	2000	87°53'12.2"	22°04'32.3"
<b>08.</b>	Hanschara S.B.Balika Vidyapith	Hanschara Bazar	1800		
<b>09.</b>	Chaknan High School.	Chaknan	1000	87°52'00.0"	22°07'53.1"
<b>10.</b>	Kandapasara D.P. High School.	Kandapasara	1500	87°52'23.5"	22°06'48.6"
<b>11.</b>	Khagda Kayalchak Girls"High school	Khagda	300	87°52'47.7 "	22°06'52.5 "
<b>12.</b>	Ururi Jagannath Girls" High School.	Ururi.	1000		
<b>13.</b>	Rajarampur Jr. High School	Rajarampur	500		
<b>14.</b>	Chaknan Milankanya Vidyapith.	Chaknan	1000		
<b>15.</b>	Iswarpur B.M. Academy.	Iswarpur	2000	87°50'00.1"	22°05'17.2"

16.	De-kashimpur Girls” High School.	De-kashimpur	500	87°49'22.2"	22°05'18.1"
17.	Pichhalda High School.	Pichhalda	500	87°49'03.5"	22°05'47.3"
18.	Kalkakhali S.B. Vidyapith.	Kalkakhali	1000		
19.	Sultanpur Stree Shiksha Niketan.	Sultanpur.	500	87°49'45.5"	22°04'20.9"
20.	Dhanyashree K.C. High School.	Dhanyashree	1000	87°50'52.4"	22°03'27.3"
21.	Shreekrishnapur Girls”High School.	Shreekrishnapur	500	87°50'23.2"	22°02'52.0"
22.	Patna Jr. High School.	Patna	500	87°51'01.0"	22°04'04.0"
23.	Brajlalchak Jr. High School.	Brajlalchak	300	87°51'01.0"	22°04'04.0"
24.	Chunkhabari Jr. High School.	Chunkhabari	500		
25.	Shyamsundarpur Jr. High School.	Shyamsundarpur.	500	87°52'10.3 "	22°04'08.5 "
26.	Abasbari P.S.P. High School-Ground	Abasbari	1500	87°52'56.4"	22°02'47.0"
27.	Kulbari Pry. School	Kulbari	500	87°53'17.2"	22°03'43.7 "
28.	Muradpur Vivekananda Vidyapith.	Muradpur ,Hanschara	1500	87°54'15.3"	22°04'45.6"
29.	Nateswarichak High School.	Nateswarichak .	1000		
30.	Dibakarpur High School.	Dibakarpur	1500	87°55'30.3"	22°05'37.2"
31.	2 <sup>nd</sup> Part Jalpai High School.	2 <sup>nd</sup> Part Jalpai	500	87°55'08.0"	22°06'55.6"
32.	Nandapur High School.	Nandapur	800		

#### Temporary helipad / air - dropping Point

Sl. No.	Name of the Place	Address	GIS data	
			Long.	Lat.
01.	Chowkhali High School	Chowkhali	87°49'6.3"	22°07'44.9"
02.	Narandari Football Maidan	Narandari	87°49'36.7"	22°08'35.5"
03.	Atattar Pry. School	Atattar	87°49'54.1"	22°07'26.4"
04.	Chowkhali Girls’ High School	Chowkhali	87°49'6.3"	22°07'44.9"
05.	Kotabarh Pry. School	Kotabarh	87°49'00.3"	22°07'05.1"
06.	Hanschara M.D High School	Hanschara	87°53'12.2"	22°04'32.3"
07.	Chandipur Community Hall	Chandipur Community Hall, Chandipur Block Premises.	87°51'29.7"	22°05'44.9"
08.	Binoy Smriti Football Maidan at Chandipur	Binoy Smriti Football Maidan at Chandipur	87°51'2 33.7"	22°05'44.7"
09.	Chaknan High School	Chaknan	87°52'00.0"	22°07'53.1"
10.	Kandapasara D. P. High School	Kandapasara	87°52'23.5"	22°06'48.6"

11.	Radhagaunj Bazar	Radhagaunj Bazar	87°53'38.0 "	22°07'53.8 "
12.	Narghat Bazar	Narghat Bazar		
13.	Ishwarpur High School	Ishwarpur	87°50'00.1"	22°05'17.2"
14.	Pichhalda High School	Pichhalda	87°49'03.5"	22°05'47.3"
15.	Dekashimpur Balika Vidyalaya	Dekashimpur	87°49'22.2"	22°05'18.1"
16.	Damodarpur Pry. School	Damodarpur	87°50'47.8"	22°06'25.1"
17.	Kulup Pry. School	Kulup	87°48'42.9"	22°05'18.9"
18.	Sultanpur Girls' High School	Sultanpur	87°49'45.5"	22°04'20.9"
19.	Sultanpur Pry. School	Sultanpur	87°49'44.7"	22°04'20.5"
20.	Dhusia Maqtab Pry. School	Dhusia	87°49'21.7"	22°04'34.0"
21.	Prahallad Pry. School	Prahallad	87°49'21.6"	22°04'34.0"
22.	Dhanyashree High School	Dhanyashree	87°50'52.4"	22°03'27.3"
23.	Brajlalchak Pry. School	Brajlalchak	87°50'57.7"	22°04'05.9"
24.	Patna High School	Patna	87°51'01.0"	22°04'04.0"
25.	Shreekrishnapur High School	Shreekrishnapur	87°50'23.2"	22°02'52.0"
26.	Abasbari Pitabas High School	Abasbari	87°52'56.4"	22°02'47.0"
27.	Kulbari Pry. School	Kulbari	87°53'17.2"	22°03'43.7"
28.	Shyamsundarpur High School	Shyamsundarpur	87°52'10.3"	22°04'08.5"
29.	Dibakarpur High School	Dibakarpur	87°55'30.3"	22°05'37.2"
30.	Dibakarpur Pry. School	Dibakarpur	87°55'28.9"	22°05'37.1"
31.	Muradpur High School	Muradpur,near Hanschara.	87°54'15.3"	22°04'45.6"
32.	Shashigaunj Pry. School	Shashigaunj		
33.	2 <sup>nd</sup> Part Jalpai Subodh Shiksha Niketan	2 <sup>nd</sup> Part Jalpai	87°55'08.0"	22°06'55.6"
34.	Baishachak Pry. School	Baishachak	87°54'29.7"	22°07'24.5"
35.	Nandapur Charkapara Pry. School	Nandapur	87°53'36.0"	22°05'24.7"
36.	Sukhlalchak Pry. School	Sukhlalchak		

#### **Block Disaster Management Committee ( BDMC )-**

Sl. No.	Name of the Members	Designation	Contact No.
01.	Smt.Aparna Bhattacharya , Sabhapati	Chairman, BDMC	9775076849
02.	Amiya Kanti Bhattacharya , Hon'ble M.L.A. Chandipur A.C.	Member, BDMC	9734381238
03.	Avishek Das, B.D.O., Chandipur .	Convenor, BDMC	8373063040
04.	Abdul Robe, Saha-kari Sabhapati.	Member, BDMC	9732551934
04.	Vicky Sharma, Jt. B.D.O	Member, BDMC.	9083268145
05.	Hansi Rani Rath , Karmadhakshya Sishu – O – Nari Unnayn, Janak.-O-Tran	Member, BDMC.	9732511641
06.	Rabindra Nath Bal, B.D.M.O.	Member, BDMC.	7407639681
07.	Debasis Deb	Member, BDMC.	9883974934
08.	Utsab Maity , F.E.O	Member, BDMC.	7797990263
09.	Shephali Maity , I.D.O.	Member, BDMC.	9434408734
10.	Tapan Kumar Barik , Karmadhakshya Janaswastha –o-Paribesh	Member, BDMC.	9932872874
11.	Dilip Kumar Jana ,Karmadhakshya, Krishi- O—Sech	Member, BDMC.	9732585896

12.	Parimal Das , , Karmadhakshya, Khadya –O-Sarbaraha .	Member, BDMC.	9474303304 / 8768444301
13.	Gopa Das Mondal, Karmdhakshya, Shikshya,Sanskriti, Tathya –O-Krira Sthayee .	Member, BDMC.	8016658291 /9735868505
14.	Rajendra Nath Hati, Karmdhakshya, Purta , Karja - O- paribahan ,	Member, BDMC.	9932484553
15.	Lipika Bhakta , Karmdhakshya, Matsa –O- Pranisampad Bikash.	Member, BDMC.	9933433452
16.	Satyabrata Maiti, Karmadhakshya, Bon-O-Bhumi Sanskar Sthayee Samity	Member, BDMC.	9732768628
17.	Bansilal Mondal Karmdhakshya, Kshudra Shilpa Bidyut –O-Achiracharita.	Member, BDMC.	8967973354
18.	Kalipada Nayek , SAE (BP )	Member, BDMC.	9474002592
19.	Pravash Chandra Das, SAE (c),WRDD	Member, BDMC.	9051576575
19.	Manas Kr. Mukhopadhyay , PA&AO	Member, BDMC.	9474019198
20.	Hindol Paria , Inspector BCW	Member, BDMC.	9609345650
21.	Sourav Adhikary , SEO	Member, BDMC.	9932265258
22.	Swapn Kumar Dutta , B.L.D.O.	Member, BDMC	9434873664
23.	B.M.O.H. Erashal B.P.H.C. Chandipur.	Member, BDMC	03228-272250 / 9800145807 .
24.	B.L.& L.R.O., Chandipur	Member, BDMC	9836658532
25.	The O.C., Chandipur P.S.	Member, BDMC	Offic.-03228-272237/ Perso.-9083269725 /9836534610.
26.	Alok Ranjan Mondal , Inspector (F&S). Chandipur Block.).	Member, BDMC	9593184139 /9434416616
27.	S.M.,WBSEDCL. Kandapasara.	Member, BDMC	03228-272222/ 7449305410.
28.	C.D.P.O., Chandipur Block .	Member, BDMC	9143116061 Off.-03228-272925.
29.	A.D. A., Chandipur Dev. Block.	Member, BDMC	9126363651/ Off.- 03228-272383
30.	Dilip Middy, AAEO, Chandipur	Member, BDMC	973275252590
31.	Block Youth Officer, Chandipur	Member, BDMC	9734503743
32.	Amal Singh, U.D.A., P.S.	Member, BDMC	8001008691
33.	Secy. ,Pairachali Kishak Sangha, N.G.O.	Member, BDMC	9932832465
34.	Secy . ,Chaknan Tarun Dal. N.G.O.	Member, BDMC	
35.	Debashis Deb , P.D.O.	Member, BDMC	9883974934
36.	Sec. .Nandapur Deshapran Tarun Sangha	Member, BDMC	9475427989
37.	Secy., Muradpur Vivekananda Lokesikshya Mandir	Member, BDMC	9474505410

#### **Block E.O.C./ Control –Room**

Sl. No.	Name of the Employee	Designation	Phone
01.	Rabindra Nath Bal.	B. D. M. O.	7407639681.
02.	Sarbeshswar Jana	U.D.A. (Relief )	9734638610.
03.	Abdur Rasid Ali Sha	U.D.A.( Elec.)	9733669495
04.	Ashoke Kumar Das	T. C. (B.P.)	9732867738.
05.	Supravat Sahoo.	Cashier.	9749572727.
06.	Amal Singh	U.D.A. ( P.S.)	
07.	Milan Hait	LDA ( Elec.)	9163180886.
08.	Prasanta Bhunia	Office Peon (RD)	7074618909
09.	Ananga Mohan Jana.	Orderly to BDO.	8768131526

## Mahisadal Development Block

### List of Boat owners

Sl. No.	Name of Boat owner	Address	Gram Panchayt	Contact No.
1	Sk. Raju Ali	Banka	Natshal-II	9647333210
2	Sasanka Bhunia	Gajipur		9609240281
3	Sk. Jalil	Banka		8001008053
4	Subal Bhunia	Gajipur		9602289062
5	Tutul Samanta	Matsyachak	Natshal-I	9647016358
6	Swapan Manna	Kumbhachak	Amritberia	9932078995
7	Sk. Alauddin	Bhangagora	Betkundu	9932605203
8	Sk. Jamal	Bhangagora	Betkundu	9735408856
9	Sk. Jalal	Bhangagora	Betkundu	9734047001
10	Sk. Moinuddin	Bhangagora	Betkundu	8926308212
11	Sk. Jane Alam	Bhangagora	Betkundu	9635086729
12	Sk. Jahangir	Badur	Betkundu	7602689022
13	Sk Ansar	Badur	Betkundu	9800044565
14	Abul Khan	Badur	Betkundu	7866927611
15	Sk. Ajit	Badur	Betkundu	9735365025
16	Sk. Mafajjal	Badur	Betkundu	8001452944
17	Ismail Ansari	Badur	Betkundu	6735693592
18	Sk. Soleman	Badur	Betkundu	7584902930
19	Madan Kamila	Suklalpur	Betkundu	9749195330
20	Naba Kumar Kayal	Suklalpur	Betkundu	8670774954

### List of temporary flood shelters.

Sl. No.	Name of flood shelters	Address	Capacity	GIS data	
				Longitute (E)	Latitute (N)
1	Mayachar High School	Mayachar	1000	87°58'58.8"E	22°11'19.9"N
2	Bar-Amritberia High School	Bar-Amritberia, Bholsara, Danipur	1000	87°57'42.6"E	22°14'11.8"N
3	Natshal High School	Natshal Matshyachak & Madhya Natshal	1000	88°02'0.2"E	22°11'49.3"N
4	Geonkhali High School	Balaramchak, Gaunya Para, Mondal Para	1000	88°02'47.6"E	22°11'57.1"N
5	Geonkhali N.S. Balika Vidyalaya	Balaramchak, Gaunya Para, Mondal Para	1000	88°02'50.2"E	22°12'1.90"N
6	Kumbhachak Pallisri	Kumbhachak	1000	88°00'23.6"E	22°11'40.3"N

	BIdyabhaban				
7	Tentulberia S.T Sikshyasadan	Tentulberia & Suklarpur	1000	88°03'43.1"E	22°11'3.4"N
8	Harikhali BK Banimandir	Harikhali	1000	87°55'57.8"E	22°7'24"N
9	Dakshin Kashimnagar High School	Terapara Jalpai	1000	87°56'54.7"E	22°8'44.1"N
10	Keshabpur Jalpai GJM Bidyapith	Keshabpur Jalpai	1000	87°58'7.7"E	22°06'56.8"N

#### List of Air Dropping.

Sl. No.	Name of flood shelters	Address	GIS data	
			Longitute (E)	Latitute (N)
1	Mayachar High School	Mayachar	87°58'58.8"E	22°11'19.9"N
2	Bar-Amritberia High School	Bar-Amritberia, Bholsara, Danipur	87°57'42.6"E	22°14'11.8"N
3	Natshal High School	Natshal Matshyachak & Madhya Natshal	88°02'0.2"E	22°11'49.3"N
4	Geonkhali High School	Balaramchak, Gaunya Para, Mondal Para	88°02'47.6"E	22°11'57.1"N
5	Tentulberia S.T Sikshyasadan	Tentulberia & Suklarpur	88°03'43.1"E	22°11'3.4"N
6	Harikhali BK Banimandir	Harikhali	87°55'57.8"E	22°7'24"N
7	Dakshin Kashimnagar High School	Terapara Jalpai	87°56'54.7"E	22°8'44.1"N
8	Keshabpur Jalpai GJM Bidyapith	Keshabpur Jalpai	87°58'7.7"E	22°06'56.8"N

#### Temporary helipad:

Sl. No.	Name of the Place	Address	Capacity	GIS data	
				Longitute (E)	Latitute (N)
1	Ganamoitri Sangha Ground	Basulia	1000	87°59'12.1"E	22°11'30.3"N

#### Block Disaster Management Committee (BDMC).

Sl. No.	Name of the Members/Secretary/President	Designation	Contact No.
1	Savapati, Mahishadal Panchayat Samity	Chairman	9476245410
2	Block Development Officer, Mahishadal	Convenor	8373063043
3	Block Disaster Management Officer, Mahishadal	BDMO	9749292991
4	Circle Inspector of Police, Mahishadal	Member	03224-240242
5	BMOH, Mahishadal	Member	9434808425/03224-240243
6	Asst. Engineer PWD, Haldia Division	Member	
7	Asst. Engineer PHE, Chaitanyapur, Haldia Sub-Division.	Member	04228-286538

8	Asst. Engineer, I& WD, Geonkhali	Member	9933845322
9	Asst. Director of Agriculture, Mahishadal	Member	9434342721
10	BLDO, Mahishadal	Member	9434307557
11	O/C, Mahishadal Police Station	Member	03224-240237/9800244543
12	Asst. Electricity, Mahishadal	Member	03224-240229
13	MLA/Representative, Mahishadal AC	Member	9476163367
14	Forest Ranger, Nandakumar	Member	9775252058
15	Ins. Of Food & Supply, Mahishadal	Member	9732884152
16	Child Development Project Officer, Mahishadal	Member	9732764837
17	Suvra Mishra, Karmadhyakshya, Sishu-O-Nari-Janakalyan-o-Tran Sthayee Samity	Member	9735508001
18	Rakshal Ch Mondal, Bon-O-Bhumi Sanskar Sthayee Samity	Member	9235173404
19	Manas Kr Panda, Karmadhyakshya, Sikshya	Member	8016777880
20	Tarun Kanti Mondal, Karmadhyakshya, Janaswastha-O-Paribesh Sthayee Samity	Member	9474508772

### Nandigram-I Development Block

Sl. No.	Name of the Members	Designation	Contact No.
1.	Smt Mukti Rani Maity	Sabhapati	9593121850
2.	Sk Abu Taher Md Astaku	Saha Sabhapati	9732832610
3.	Sri Subrata Mallick	BDO	8373063046
4.	Saikat Bhattacharya	Jt. BDO	9804934369
5.	Dr. Pabitra Kumar Halder	BMOH	9775240038, 9635252615
6.		BLDO	9433123251
7.		ADA	(03224) 232287
8.		BL & LRO	(03224) 232665
9.		CDPO	(03224) 232204
10.		SI of School (East)	9002430681
		SI of School (South)	8609546113
13.	Somnath Samanta	BDMO	9647308916
14.	Sri Swadesh Ranjan Das	Karmadhakshya(Purta)	9609361097
15.	Sri Pijush Kanti Bhunia	Karmadhakshya (Siksha)	9733822977
16.	Sri Ajoy Kumar Mondal	Karmadhakshya(Krishi)	9609388322
17.	Sri Bholanath Das	Karmadhakshya (Janaswastha)	9734459300
18.	Ferdousi Begam	Karmadhakshya(Tran)	8926292582
19.	Sk Ahamadullah Karmadhakshya, Khudra shilpa, Bidyut	Karmadhakshya (Bidyut)	9734628485
20.	Sri Bapi Panti	Karmadhakshya (Khadya)	9134500621
21.	Sk Khusnabi	Karmadhakshya(Ban O Bhumi)	9775155146
22.	Sri Swadesh Ranjan Das Adhikary	Karmadhakshya(Matsya)	8768688580
23.	Juthika Guria	Member	9609265454
24.	Pankaj Das	Member	9593483252
25.	Alkalam Abdul Wahhab	Member	9609777779
32.	Swapan Barman	SAE(RWP)	9732621232

<b>33.</b>	Rahul Dey	JE(AI)	<b>8981901945</b>
<b>34.</b>	Basudeb Pal	APO	<b>9733601382</b>
<b>35.</b>	Kamaluddin Molla	BWO	<b>9732041838</b>
<b>36.</b>	Subhankar Chakraborti	PA & AO	<b>9903673592</b>
<b>37.</b>	Soumalya pal	IBCW	<b>9143069123</b>
<b>38.</b>	Alak Manna	FFA	<b>9732865070</b>
<b>39.</b>	Prabir Kr. Jana	SEO	<b>9800090741</b>
<b>40.</b>	Tanmay Saha	CI	<b>9038953753</b>
<b>41.</b>	Subrata Das	EOMEE	<b>9732340910</b>
<b>42.</b>	Subal das	Cashier	<b>9732886379</b>
<b>43.</b>	Shuvani jana	LDA (relief)	<b>8927258576</b>
<b>44.</b>	Rabindranath Samanta	Peon(relief)	<b>9800813426</b>
<b>45.</b>	Manishi bharasa	DNG	<b>8001230955</b>
<b>46.</b>	MAMATA DAS	Pradhan	<b>8918558009</b>
<b>47.</b>	SK HAIBUL	Pradhan	<b>9733906816</b>
<b>48.</b>	MANSURA BEGAM	Pradhan	<b>7797355653</b>
<b>49.</b>	BANASRI KHANRA	Pradhan	<b>9735456885</b>
<b>50.</b>	SUNIL MAITY	Pradhan	<b>9735459836</b>
<b>51.</b>	KANCHAN DAS	Pradhan	<b>8116845729</b>
<b>52.</b>	HAREKRISHNA MONDAL	Pradhan	<b>8001986679</b>
	SK SAMSUL ISLAM	Pradhan	<b>9735819126</b>
	SK ABDUL ALIM ALRAJI	Pradhan	<b>6295003176</b>
	GITARANI MANDAL	Pradhan	<b>7872669674</b>

**Construction of Block E.O.C. / Control –Room.**

<b>Sl. No.</b>	<b>Name of the Gram Panchayat</b>	<b>Name of the Official</b>	<b>Designation</b>	<b>Contact No.</b>
<b>01.</b>	Bhekutia	Rahul Dey	JE(AI)	<b>8981901945</b>
<b>02.</b>	Mahammadpur	Subhankar Chakraborti	PA & AO	<b>9903673592</b>
<b>03.</b>	Kendamari Jalpai	Kamaluddin Molla	BWO	<b>9732041838</b>
<b>04.</b>	Nandigram	Subrata Das	EOMEE	<b>9732340910</b>
<b>05.</b>	Haripur	Sujata Seth	LGS	<b>8670157123</b>
<b>06.</b>	Gokulnagar	Soumalya Pal	IBCW	<b>9143069123</b>
<b>07.</b>	Samsabad	Tanmay Saha	CI	<b>9038953753</b>
<b>08.</b>	Daudpur	Prabir Kr. Jana	SEO	<b>9800090741</b>
<b>09.</b>	Kalicharanpur	Swapan Barman	JE(RWS)	<b>9732621232</b>
<b>10.</b>	Sonachura	Alak Manna	FFA	<b>9732865070</b>

**Temporary helipad / air - dropping Point.**

<b>Sl. No.</b>	<b>Name of the Place</b>	<b>Name of GP</b>
<b>01.</b>	Nandigram BMT High School	Nandigram
<b>02.</b>	Nandigram Sitananda College	Nandigram
<b>03.</b>	Rajaramchak High School	Kendamari Jalpai
<b>04.</b>	Debipur Milan Siksha Niketan	Haripur
<b>05.</b>	Gokulnagar Gobindajew Siksha Niketan	Gokulnagar
<b>06.</b>	Kalicharanpur Dayamoyee High School	Kalicharanpur



Village	G.P.	P.S.	Flood Shelter	Capacity	Route
Bhekutia, Manuchak, Basulichak	Bhekutia	Nandigram	Mahammadpur High School	2000	Through Tengua to Mahammadpur then Basulichak and Mahammadpur High School.
Nilpur	Mahammadpur		Rajaramchak High School	2000	Through Nilpur to Hajrakata then Rajaramchak.
Char Kendamari, Nakchirachar	Kendamari Jalpai		Rajaramchak High School	2000	Jor Sluice to Hajrakata then Rajaramchak High School.
Shyamasundarichak	Kalicharanpur		Kalicharanpur High School	2000	Through Garchakraberia to Kalicharanpur.
Gangra	Sonachura		Sonachura High School	1500	Through Sonachura G.P. Office to Sonachura High School.
Jambari, Roynagar, Brindabanchak	Gokulnagar		Brindabanchak High School	1500	Adjacent.
Naynan, Chandannagar	Daudpur		Gumgarh High Madrasha	1500	Daudpur G.P. Office to Gumgarh High Madrasha.
Srigouri, Champainagar	Haripur		Debipur Milam Vidyapith	2000	Adjacent.

## Sutahata Development Block

### Block Disaster Management Committee:

Name	Designation	Phone Number
		Office
Anjuma Bibi	Sabhapati, Sutahata Panchayat Sami	8926857570
Sanjay Sikder	WBCS (Exe.) BDO & Executive Officer	8373063044
Priankya Mondal	Jt. BDO & Jt. Executive Officer	9051605980
Bhaskar Bhunia	BDMO	7384028248
Dr. Lakshmikanta Pramanik	BMOH, Secretary, Jana Swasthya O Paribesh Sthayee Samiti	03224-281276
Dr. Ajit Kr. Santra	BLDO	9434637757
Dr. Binay Ghanta	VO	9434565078
Braja Dulal Samanta	Junior Engineer (AI)&Secretary , Purta Karya O Paribahan Sthayee Samity	9434940825
Purusottam Mondal	CDPO	03224-2821200 9433774632
Priyotom Ghorai	Inspector (F&S), Secretary Khadya-O- Sarbaraha Sthayee Samiti	9433774632
Madhumita Paul	WDO	7797138907

## Nandigram-II Development Block

### Block Disaster Management Committee ( BDMC )-

Sl. No.	Name of the Members	Designation	Contact No.
1.	Malina Das(Chairman)	Sabhapati	
2.	Mahadeb Bag	Saha Sabhapati	9735212756
3.	Surajit Ray	BDO	8167602700
4.	Chiranjit Roy(Convenor)	Jt. BDO	9083283067
5.	Dr.Sandipan Mishra	BMOH	7044096035
6.	Dr. Sudip Tripathy	BLDO	9832788876
7.	Goutam Mondal	ADA	9735302693
8.	Biswajit Roy	BL & LRO	9831385212
9.	Subhendu Das	CDPO	9932153122
10.	Poly Sarder	SI of School	9038840343
11.	Subhasish Biswas	IMW	9735273365
12.	Sasanka Sarder	SIF& S	9874261214
13.	Somnath Samanta	BDMO	9647308916
14.	Tara Rani Singha (Boyal-II)	Karmadakshya (Khadya-O-Sarbarah)	8145130706
15.	Goutam Kumar Paul (Boyal-I)	Karmadakshya (Bhoj-O-Bhumi)	9735399026
16.	Swapna Kar (Khodambari-I)	Karmadakshya (Sukhu-O-Nari Kalyan)	9735585600
17.	Narayan Chandra Ma (Birulia)	Karmadakshya (Bidyut)	9609397762
18.	Poritosh Jana (Birulia)	Karmadakshya (Jas Swasthya)	9734430753
19.	Sanjay Dinda(Amdabad-I)	Karmadakshya (Pancha)	9732554042
20.	Barnali Mandal	Karmadakshya (Kheti)	8145686288
21.	Farida Bibi(Khodambari-I)	Karmadakshya (Nishya-O-Prani )	9733912363
22.	Tarapada Khatua	Karmadakshya (Siksha)	9733933829
23.	Sanchita Pradhan (Dey)	Member	7872713346
24.	Madan Kumar Barman	Member	9733964526
25.	Mamani Tunga	Member	8145696488
26.	Puspita Giri	Member	8016024780
27.	Subodh Maiti	Member	9735731181
28.	Gauri Das	Member	96092646405
29.	Retu Patra Kar	Member	7679599094
30.	Shipra Palai	Member	9734578332
31.	Tapan Kumar Mandal	Member	7365949916
32.	DebiPrasad Ghosal	SAE(BP)	9046395784
33.	Palash kumar Mandal	APO	9851719119
34.	Amit ranjan Das	IDO	9836265942
35.	Kazi Rafiqul Islam	FEO	8967240982

<b>36.</b>	Intiaj Islam	IBCW	<b>9062120080</b>
<b>37.</b>	Biswajit Mandal	PDO	<b>9733914900</b>
<b>38.</b>	Srimsti Madhabi Quilya	WDO	<b>7797152993</b>
<b>39.</b>	Sarat Chandra Bera	AAEO	<b>9800383025</b>
<b>40.</b>	Ujjal Das	BIO	<b>9433163398</b>
<b>41.</b>	Amit Kumar Santra	Cashier	<b>9434507594</b>
<b>42.</b>	Dulal Malla	UDA (relief)	<b>8670612261</b>
<b>43.</b>	Rabindranath Samanta	AC(RD)	<b>9733856526</b>
<b>44.</b>	Gopal Krishna Patra	DNG	<b>8001230955</b>
<b>45.</b>	Pabitra Kar	Pradhan	<b>9732692482</b>
<b>46.</b>	Shyamarani Maity	Pradhan	<b>9732963796</b>
<b>47.</b>	Rama Dutta Samanta	Pradhan	<b>7432029331</b>
<b>48.</b>	Srabani Hazra Gayen	Pradhan	<b>9732841661</b>
<b>49.</b>	Sabita Barik	Pradhan	<b>8398829261</b>
<b>50.</b>	Malabika Maity	Pradhan	<b>9735512213</b>
<b>51.</b>	Sukesh Manna	Pradhan	<b>8145981628</b>

### **List of Boat Owners-**

<b>Sl. No.</b>	<b>Name of boat owners &amp; Address</b>	<b>Contact No.</b>
1.	Badal Barman, Gopalchak	9732453013
2.	Srikanta Pandit, Ramchak	9732563012
3.	Sk. Ibrahim, Boyal	9733843216
4.	Osman Ali Khan, Boyal	9732900375
5.	Sk. Khursed, 2 <sup>nd</sup> Part Jalpai	9733634219
6.	Sk. Hased Ali, Mangalchak	8509000561
7.	Mantu Mondal, 2 <sup>nd</sup> Part Jalpai	9733341620
8.	Ratikanta Bera, 2 <sup>nd</sup> Part Jalpai	9732400158
9.	Sk. Nefijuddin Mallik, 3 <sup>rd</sup> Part Jalpai	9732331211
10.	Bireswar Khatua, Gopalchak	8732248422
11.	Sk. Golam Sudin, Boyal	9932468045
12.	Sk. Golam Rukumuddin, Boyal	9733915761
13.	Nimai Chand Ghorai, Mangalchak	7407444001
14.	Uday Bhunia, Uttar Boyal	9679616926
15.	Gouranga Bhunia, Boyal	8768942050
16.	Arun Bhunia, Boyal	9732458810
17.	Naten Bhunia, Boyal	9046427800
18.	Sankar Bhunia, Boyal	9932723072
19.	Naran Bhunia, Boyal	8116275731
20.	Rampada Bhunia, Boyal	8348970833
21.	Harekrishna Bhunia, Boyal	9597220914
22.	Gourhari Bhunia, Boyal	9775224337
23.	Kansha Bhunia, Boyal	7602519311
24.	Prafulla Mura, Boyal	9635085068

**Construction of Block E.O.C. / Control –Room.**

Sl. No.	Name of the Employee	Designation	Phone
01.	Palash kumar Mandal	APO	9851719119
	Amit ranjan Das	IDO	9836265942
02.	Kazi Rafiqul Islam	FEO	8967240982
03.	Intiaj Islam	IBCW	9062120080
04.	Biswajit Mandal	PDO	9733914900
05.	Sarat Chandra Bera	AAEO	9800383025
06.	Somnath Samanta	BDMO	9647308916
07.	Palash kumar Mandal	APO	9851719119
08.	Dulal Malla	UDA (relief)	8670612261
09.	Gopal Krishna Patra	DNG	8001230955

**List of temporary flood Shelters.**

Sl. No.	Name of flood Shelter	Address	Capacity (persons)	GIS data	
1	2	3	4	Longitude( E)	Latitude (N)
01.	Khodambari Union B.P.H.S. School	Khodambari	2000	87°54'45.2"	22°02'26.9"
02.	Reapara Adarsha Vidyapith	Reapara	2000	87°53'25.5"	21°58'59.2"
03.	Reapara Girls School	Gopalpur,Manohapur	1000	87°54'23.7"	22°02'42.7"
04.	Amratala Gatimadhab Balika Vidyalaya	Amratala, Thakurchak	1000	87°56'01.0"	22°02'47.6"
05.	Birulia Pitambar High School	Birulia	2000	87°51'49.1"	21°58'08.5"
06.	Gholepukuria Dayamoyee Balika Vidyalaya	Gholepukuriya	1000	87°51'14.2"	22°00'31.7"
07.	Hanubhunja No.1 Jr. High School	Hanubhunja	1000	87°52'30.8"	22°01'48.5"
08.	Kamalpur Adarsha Vidyapith	Kamalpur	2000	87°54'51.3"	21°59'19.5"
09.	Amdabad High School	Amdabad	2000	87°54'07.9"	21°59'37.1"
10.	Subdi Sitanath Vidyapith	Subdi	2000	87°52'18.0"	21°58'26.7"
11.	Narayanchak High School	Narayanchak, Tentulbari	2000	87°56'25.6"	22°04'56.6"
12.	Asadtala Binod Vidyapith	Asadtala, Ramchak	2000	87°57'18.2"	22°03'11.9"

**Temporary helipad / air - dropping Point.**

Sl. No.	Name of the Place	Address	GIS data	
			Long.	Lat.
01.	Khodambari Union B.P.H.S. School	Khodambari	87°54'45.2"	22°02'26.9"
02.	Reapara Adarsha Vidyapith	Reapara	87°53'25.5"	21°58'59.2"
03.	Reapara Girls School	Gopalpur,Manohapur	87°54'23.7"	22°02'42.7"
04.	Amratala Gatimadhab Balika Vidyalaya	Amratala, Thakurchak	87°56'01.0"	22°02'47.6"
05.	Birulia Pitambar High School	Birulia	87°51'49.1"	21°58'08.5"
06.	Gholepukuria Dayamoyee Balika Vidyalaya	Gholepukuriya	87°51'14.2"	22°00'31.7"
07.	Hanubhunja No.1 Jr. High School	Hanubhunja	87°52'30.8"	22°01'48.5"
08.	Kamalpur Adarsha Vidyapith	Kamalpur	87°54'51.3"	21°59'19.5"
09.	Amdabad High School	Amdabad	87°54'07.9"	21°59'37.1"
10.	Subdi Sitanath Vidyapith	Subdi	87°52'18.0"	21°58'26.7"

11.	Narayanchak High School	Narayanchak, Tentulbari	87°56'25.6"	22°04'56.6"
12.	Asadtala Binod Vidyapith	Asadtala, Ramchak	87°57'18.2"	22°03'11.9"

### Haldia Development Block

#### Block Disaster Management Committee:

Sl No	Name	Designation	Address	Phone Number	
				Office	Residence
1.	Sri Sudarshan Ghosh Dostidar	MLA	Haldia		
2.	Sri Subrata Hazra	Sabhapati	Haldia		<b>9332314544</b>
3.	Smt. Tulika Dutta Banerjee	BDO	Haldia		<b>9434098051</b>
4.	Sk. Saiful Islam	Sahakari Sabhapati	Haldia		<b>9563342818</b>
5.	Sri Pradipta Mondal	Jt. BDO	Haldia		<b>9126285600</b>
6.	Somnath Bhunia	Member of Zilla Parishad	Haldia		<b>9775194822</b>
7.	Sk. Ohab Ali	Pradhan of Baruttarhingly Gram Panchayat	Haldia		<b>9332313546</b>
8.	Smt. Rina Kuity	Pradhan of Deulpota Gram Panchayat	Haldia		<b>9476436595</b>
9.	Sumita Kar Khutia	Pradhan Chakdwipa Gram Panchayat	Haldia		<b>9851683559</b>
10.	Hrisikesh Maji	Pradhan Debhog Gam Panchayat	Haldia		<b>9733131346</b>
11.	Durga Rani Manna	Karmadhakshya	Haldia		<b>9614759398</b>
12.	Sri Alok Ranjan Das	Karmadhakshya	Haldia		<b>9434693838</b>
13.	Smt. Mousumi Das	Karmadhakshya	Haldia		<b>9733135725</b>
14.	Sib Sundar Bera	Karmadhakshya	Haldia		<b>8016611920</b>
15.	Sri Debprasad Jana	Karmadhakshya	Haldia		<b>9002948868</b>
16.	Gokul Maji	Member of Haldia Panchayat Samity	Haldia		<b>8145113892</b>
17.	Namita Giri	Member of Haldia Panchayat Samity	Haldia		<b>9046748060</b>
18.	The Circle inspector of Police Mahisadal				<b>7797214003</b>
19.	The officer in charge of Bhabanipur PS		Haldia		<b>7797214014</b>
20.	Sri Rampada Jana	Sr. Citizen	Haldia		
21.	The Child Dev. Project officer	Kalikinkar Dolai	Haldia		<b>9474973673</b>
22.	The Assistant Engineer	PWD, Durgachak	Haldia		
23.	The Assistant Engineer	PHE, Chaitanyapur	Haldia		
24.	The Assistant Engineer	I&W, Iswardaha Jalpai			
25.	The Assistant Director of Agriculture	Haldia Block	Haldia		<b>9475162685</b>
26.	Sri Sreejit Kumar Mitra	BDMO	Haldia		<b>8116225999</b>
27.	Sri Jasharaj Brambhachariya		Haldia		<b>9434801777</b>
28.	Sri Satya Narayan Panua	The Chief inspector of food supply	Haldia		<b>9749922145</b>

**Temporary Educational Institutions /Cyclone Shelters**

Name of the GP	Name of Educational Institutions /Cyclone Shelters	Location	Ph. No.
Deulpota	Deulpota High School	Deulpota	
Deulpota	Dwariberia Adarsha High	Deulpota	
Deulpota	Sapua High School	Deulpota	
Deulpota	Barbajitpur Jatindra High	Deulpota	
Deulpota	Dalimbachak Tech. High	Deulpota	
Chakdwipa	Kumarpur High Madrasa	Chakdwipa	
Chakdwipa	Kumarpur M. Gandhi MSK	Chakdwipa	
Chakdwipa	Barbajitpur Balika Vidyapith	Chakdwipa	
Chakdwipa	Barsuklalchak High School	Chakdwipa	
Debhog	Manoharpur High School	Debhog	
Debhog	Sudhir Chandra MSK	Debhog	
Baruttarhinghly	Dakshinchak High School	Baruttarhinghly	
Baruttarhinghly	Kasthakhali Haripada MSK	Baruttarhinghly	
Baruttarhinghly	Baruttarhinghly AB Vidyalay	Baruttarhinghly	
Baruttarhinghly	Barsundra High School	Baruttarhinghly	

**Identification of Cyclone/flood shelters (single/Double storied) with capacity:**

Sl.No.	Type of shelter	Capacity (Room and Plinth Area)	Location	Contact Person (Address and Phone no.)	Facilities Available
	Deulpota High School	500	Deulpota		Drinking Water, Toilet & Electricity
	Dwariberia Adarsha High	400	Dwariberia		Drinking Water, Toilet & Electricity
	Sapua High School	600	Sapua		Drinking Water, Toilet & Electricity
	Barbajitpur Jatindra High	300	Barbajitpur		Drinking Water, Toilet & Electricity
	Dalimbachak Tech. High	350	Dalimbachak		Drinking Water, Toilet & Electricity
	Kumarpur High Madrasa	300	Kumarpur		Drinking Water, Toilet & Electricity

	Kumarpur M. Gandhi MSK	250	<b>Kumarpur</b>		Drinking Water, Toilet & Electricity
	Barbajitpur Balika Vidyapith	400	<b>Barbajitpur</b>		Drinking Water, Toilet & Electricity
	Barsuklalchak High School	450	<b>Barsuklalchak</b>		Drinking Water, Toilet & Electricity
	Manoharpur High School	600	<b>Manoharpur</b>		Drinking Water, Toilet & Electricity
	Sudhir Chandra MSK	300	Debhog		Drinking Water, Toilet & Electricity
	Dakshinchak High School	360	Dakshinchak		Drinking Water, Toilet & Electricity
	Kasthakhali Haripada MSK	300	Kasthakhali		Drinking Water, Toilet & Electricity
	Baruttarhinghly AB Vidyalay	600	Baruttarhinghly		Drinking Water, Toilet & Electricity
	Barsundra High School	750	Barsundra		Drinking Water, Toilet & Electricity



**Ramnagar-I Development Block**  
**Block Disaster Management Committee i.e. Incident Response Team:**

<b>Incident Response Team</b>				
<b>SL. No.</b>	<b>Designation</b>	<b>Phone No</b>	<b>Responsibility for IRS</b>	<b>Additional Branch assigned for IRS</b>
1	BDO	8373063051	<b>Responsible Officer &amp; Incident Commander</b>	
2	OC, Ramnagar PS	7797720021/ 03220-264249	<b>Safty Officer (Disaster Specific)</b>	<b>Law and Order, Situation Unit, Time Unit and Demobilization Unit for Planing section</b>
3	OC, Digha PS	9083269728/ 266222		
4	OC, Digha Mohana Coastal	9083269741/ 266123		
5	OC, Mandarmohi Coastal	9083269753		
6	BMOH	9800190610	<b>Safty Officer (Disaster Specific) &amp; Health</b>	
7	ADA	9434213349	<b>Safty Officer (Disaster Specific) &amp; Agriculture</b>	
8	APO	7278428156	<b>Information Officer</b>	<b>Compensation Unit</b>
9	BDMO	9732641943	<b>Liason Officer &amp; Information Officer</b>	<b>Situation unit, Resource Unit, Communication</b>
10	Jt. BDO	9735638036	<b>Operation Section &amp; Logistic Section</b>	
11	OC, Fire Station	03220-264100	<b>Search and Rescue Branch</b>	
12	OC, Digha PS	9083269728/ 266222		
13	OC, Ramnagar PS	7797720021/ 03220-264249		
14	AE (Roads)	9831527507	<b>Roads</b>	
15	OC, Electric, WBSCDCL	266236/ 8348692314	<b>Search and Rescue Branch (Electricity)</b>	
16	IMW	8972671594	<b>Transport Branch and</b>	

			<b>Rail Unit</b>	
17	SAE, Rwp	9733803299	<b>Water Unit</b>	
18	BLDO	9434893093	<b>ARD</b>	
19	AE, PHE Digha Sub-Division	9433844513/ 266356	<b>Water Supply</b>	
20	IDO	9153201431	<b>MSME</b>	
21	SI of School, Ramnagar C.	9732711288	<b>Education</b>	
22	OC, BSNL	03220 269777	<b>Telephone</b>	
23	FEO	9007564270	<b>Compensation Unit and Operation Section</b>	
24	PDO-in-Charge	9153209074	<b>Planing Section</b>	<b>Situation unit, Compensation Unit</b>
25	Inspector of BCW	9681410443	<b>Situation Unit</b>	<b>Facility Unit</b>
26	SAE, Civil	9635677427	<b>Resource Unit</b>	<b>Comunication &amp; Resorce Provisioning</b>
27	BIO	9475434423	<b>Documentation Unit</b>	
28	SAE, BP	8768787820	<b>Demobilization Unit</b>	<b>Ground support</b>
29	MO, Chandanpur PHC	9593309644	<b>Medical Unit</b>	
30	Chief Insp. of F & S	9434319592	<b>Food unit</b>	
31	DY. Sec.	9153209074	<b>Facility Unit</b>	
32	Cashier, Block	9932557845	<b>Finance &amp; Administration</b>	
33	Cashier, PS	9477359720	<b>Finance &amp; Administration</b>	<b>Compensation Unit</b>
34	CI	9674590587	<b>Compensation Unit</b>	
35	UDA, Accounts	9609121314	<b>Procurement Unit</b>	

**Temporary Flood Shelters :**

<b>Sl. No.</b>	<b>Type Shelter</b>	<b>Capacity ( Room &amp; Plinth Area )</b>	<b>Location</b>	<b>Contact person ( Address &amp; Ph )</b>
7.	Digha D.J, Sikshasadan	6000	D.Simulia	Meghdoot Karan 9932928737
8.	Padima Pry. School	1500	Padima	Moumita Roy 9732591741
9.	Digha Youth Hostel	1600	Old Digha	
10.	Jatimati Pry. School	1500	Jatimati	Krishna Ch. Ban, 9732876638
11.	Saikatabas Guest House	1600	Old Digha	

12.	Hotels & Lodge at Digha	5000	Old Digha	
13.	Digha Vidyabhawan	6000	Alankarpur	Ranjan Das, 9732674029
14.	Bodhra Panthewsari High School	6000	Bodhra	Gopal Karmakar 9434022283
15.	Hotels & Lodge at Sankarpur	1500	Sankarpur	
16.	Hotel Matsagandha	1000	Sankarpur	
17.	Jhaugeria Pry. School	700	Jhaugeria	Rasranjan Das
18.	Jaldha Pry. School	800	Jaldha	Manik Maity
19.	Jaldha Harijan Pry. School	700	Jaldha	

Sl. No.	Name of the MPCS	Assigned for the work	Member of the committee	Phone No.	remarks
1	Dihibirkul MPCS under Haldia-II GP	Political Representative	Subhrangshu Jana	9775143662	Previously formed committee will also perform their function for the shelter management and maintenance. In spite of the mentioned committee there is a MPCSMMC look after the Management & Maintenance.
			Anandamoy Chowdhuri	9609117592	
		Medical Team	Medical Officer		
			ANM(Ist), Dihibirkul SC		
			ANM(2nd), Dihibirkul SC		
		Cattle Management	Uma Pandit	8372818765	
		Help Desk	Priyatosh Maity	9732592865	
			Swapan Nayek	9647124878	
			E.A., Haldia-II GP	8373063208	
		Cleaning and sanitation	Sanjoy Sahoo	9775590024	
2	Talgachhari MPCS under Talgachhari-I GP	Political Representative	Rabindranath Sar	9732755730	Previously formed committee will also perform their function for the shelter management and maintenance. In spite of the mentioned committee there is a MPCSMMC look after the Management & Maintenance
			Debabrata Jana	9733879195	
		Medical Team	Medical Officer		
			ANM(Ist), Dihibirkul SC		
			ANM(2nd), Dihibirkul SC		
		Cattle Management	Sumana Paul		
		Help Desk	Prasanta Sar	8116808987	
			Geeta Jana		
			E.A., Tal-I GP		
		Cleaning and sanitation	Subhrangshu Sikari	9735778744	
Sl. No.	Name of the MPCS	Assigned for the work	Member of the committee	Phone No.	remarks
3	Ratanpur MPCS	Political Representative	Ambika Jana	9474898879	Previously formed committee will also perform their function for the shelter management and maintenance. In spite of the mentioned committee there is a
		Medical Team	Medical Officer		
			ANM(Ist), Dihibirkul SC		
			ANM(2nd), Dihibirkul SC		
		Cattle Management	Manju Pradhan		

	under Padima-I GP	Help Desk	Kalyan Jana	9434017085	MPCSMMC look after the Management & Maintenance
			Bhaswati Shounda		
			E.A., Padima-I GP	9733849155	
		Cleaning and sanitation	Nabu Mahammad		

**Deshapran Development Block**  
**List of Block Disaster Management Committe under Deshapran Development Block.**

Sl	Name	Designation	Phone
1	Sri Monaj Mallick	Deshapran Development Block	8373063049
2	Smt. Moumita Das	Savapati , Deshapran Panchayat Samity	8972711892
3	Smt. Sudipa bhunia	Karmadhyaksha, Sisu O Nari, Deshapran Panchayat Samity	9733083264
4	Dr. Shreya Pattanyak	BMOH	9933641041
5	Block Medical Hospital	Basantia	03220253790
6	Barun Kumar Manna	ADA	9564936146
7	Agriculture Office	Basantia	03220253642
8	Swapan Kumar Pandit	Executive Engineer ,Irrigation	9434303934
9	Irrigation Office	Contai	03220255162
10	I.C. Contai Police Stn.	Contai	7797210004
11	Contai Police Stn.	Contai	03220255026
12	Officer-in-Charge	Junput Coastal police Stn.	7797215036
13	Biplabpriya Giri	CDPO	9474617831
14	Subir Ghosh	Asst. Engineer (PHE)	9732550649
15	Public Health Engineering	Contai	03220255068
16	Asst. Engineer	PWD	9434101475
17	Office PWD	Contai	03220255062

**Control Room duties in emergency:**

Sl No	Name & Designation	Contact No.
1	Sri Subir Das, Jt BDO	9163185687
2	Sri Somnath Panda, BIO	9614520026
3	Sri Swapan Kumar Das, BDMO	7872600595
4	Sri Nemai Chandra Naskar, APO (MGNREGA)	9564320525
5	Sri Bramhajyoti Patra, SAE (RWP)	9775693955
6	Sri Anirban Dutta, PA&AO	8116092263
7	Sri Nirupam Das , UDA ( BDMS)	9734504494

<b>8</b>	<b>Sri Subhasis Shahoo , Panchayat Peon.</b>	<b>7865827678</b>
<b>9</b>	<b>Sri Benucharan Patra, Relief Peon</b>	<b>7797189793</b>
<b>10</b>	<b>Sri Chandan Das, Office Peon</b>	<b>9734810619</b>
<b>11</b>	<b>Sri Siddhartha Patra Night Guard</b>	<b>9735438209</b>

**Contai – I Development Block**  
**Block Disaster Management Committee:**

Sl.No	Name	Designation	Address	Phone Number	
				Office	Residence
1.					
2.	Pradip Gayen	Savapati	Contai-I Panchayat Samity.	03220-256590	9932152511
3.	Lipan Talukdar	B.D.O.Contai-I- Convener	Contai-I Block Contai.	03220-255214	<b>8373063048</b>
4.	C.I. of Police	Contai Police Station	Contai:Purba Medinipur.	03220- 255026	
5.	Arup Ratan Karan	B.M.O.H	MajnaBPHC,Contai-I Block.		9434192604
6.	Prasenjit Jana	A.D.A., Contai-I	Contai-I Block Contai.		8016551621
7.	Dr. Somnath Nag	B.L.D.O., Contai-I	Contai-I Block Contai.		9732557125
8.	Asst. Engineer, PWD	PWD, Contai-I Block Contai.	Contai-I Block Contai.		
9.	Asst. Engineer, PHE	PHE, Contai-I Block Contai.	Contai-I Block Contai.		9733057756
10.	Asst. Engineer, I &WD	I &WD, Contai-I Block Contai.	Contai-I Block Contai.		255054(03220)
11.	Sandip Jana	Local School teacher	Nayaput S.K. High School.		9749532526
12.	Somitra Pradhan	Local School teacher	Nayaput S.K. High School.		9635321699
13.	Sasanka Sekhar Jana	Local Senior Citizen	Haipur , Contai-I P.S.		9733567883
14.	Station Suptd.	WBSEB, Contai.			
15.	Chandrima Bhattacharya	MLA 216 Kanthi Dakshin	Contai . Purba Medinipur		
16.	Chhatradhar Soren	Forest Range Officer, Contai-I	Contai . Purba Medinipur		9434175829
17.	Ramnarayan Panda	Karmadhakshya, Janasastha	Contai-I P.S.		9933602677
18.	Mrinmay Panda	Karmadhakshya, Purtya	Contai-I P.S.		9734837593
19.	Pradip Gayen	Karmadhakshya, Krishi	Contai-I P.S.		9932152511
20.	Tanushree Giri	Karmadhakshya, Shiksha	Contai-I P.S.		9733661176
21.	Srabani Singha	Karmadhakshya, Tran	Contai-I P.S.		9732776411
22.	Dipak Kr. Adhikari	Karmadhakshya, Ban-o- Bhumi	Contai-I P.S.		9933601993
23.	Dipti Das Adhikari	Karmadhakshya, Matsya	Contai-I P.S.		9732665229
24.	Prakash Mandal	Karmadhakshya, Bidyut	Contai-I P.S.		9932476829
25.	Mitali Das	Karmadhakshya, Khadya	Contai-I P.S.		9932676695
26.	Inspector F & S Contai-I		Contai Purba Medinipur		255025
27.	Narayan Payra	C.D.P.O. Contai-I	Contai Purba Medinipur		9932558860
28.	Tapas Tunga	B.D.M.O., Contai-I	Contai Purba Medinipur		9475117117
29.	Sujay Byapari	BL&LRO, Contai-I	Contai Purba Medinipur		7980908277

## Khejuri-II Development Block

Incident Response Team					
SL. No.	Name	Designation	Phone No	Responsibility for IRS	Additional Branch assigned for IRS
1	Ramal Singh Birdi	BDO	8373063054	Responsible Officer & Incident Commander	
2	Sirsendhu Das	OC, Khejuri PS	8116541031	Safety Officer (Disaster Specific)	Law and Order, Situation Unit, Time Unit and Demobilization Unit for Planning section
3	Binay Manna	OC, Talpatighat Coastal PS	8145101157		
6	Prabirta Kumar Halder	BMOH	-7001100894	Safety Officer (Disaster Specific) & Health	
7	Pritam Jana	ADA	9679471777	Safety Officer (Disaster Specific) & Agriculture	
8	Mahendra Yadav	BIO	9734750949	Block Information Officer	Compensation Unit
9	Indrajit Ghosh	BDMO	9564089995	Liaison Officer & Information Officer	Situation unit, Resource Unit, Communication
10	Achintya Kumar Bhowmik	Jt. BDO	9531507391	Operation Section & Logistic Section	
				Search and Rescue Branch	
12	Civil Defence	Apada Mitra Volunteers			
13	Homeguard & WBNVF				
14		AE (Roads)		Roads	
15		OC, Electric, WBSCDCL		Search and Rescue Branch (Electricity)	
16	Anupam Ojha	IMW	9836940325	Transport Branch and Rail Unit	
17	Subhasish Biswas	SAE, Rwp	8001636470	Water Unit	
18	Dr. Debasish Paramanik	BLDO	9933040857	ARD	
20	Animesh Dhara	CI	9433346463	MSME	
21	Mampi sarkar	SI of School, Khejuri-II C.	9593640882	Education	

22		OC, BSNL		Telephone	
23	Chitra Pakhira	FEO	9007929551	Compensation Unit and Operation Section	
24	Soumik Majumder	APO	7797900440	Planning Section	Situation unit, Compensation Unit
25	Suman Priya Mondal	Inspector of BCW	7479371375	Situation Unit	Facility Unit
26	Mohinuddin Chowdhury	SAE, Civil	8972299204	Resource Unit	Communication & Resource Provisioning
27	Mallika Sarkar	PAO	8967749645	Documentation Unit	
28	Bharat Chandra Maity	SAE, BP	9733056045	Demobilization Unit	Ground support
29	Dr. Puspendu Das	MO, Shillyaberia B PHC	9903779749	Medical Unit	
30	Avijit ghose	Chief Insp. of F & S	7586077416	Food unit	
31	Ranajit Shoo	DY. Sec.	9635369282	Facility Unit	
32	Sudipta Bhunia	Cashier, Block	9647158631	Finance & Administration	
33	Subhasish Das	Cashier, PS	9733931736	Finance & Administration	Compensation Unit
34	Asish Kumar Das	T.C Block	9609153382	Compensation Unit	
35	Manab kumar Das	UDA relief	9564415451	Procurement Unit	

### Block Disaster Management Committee

Sl. No.	Name	Designation	Address	Phone Number	
				Office	Residence
1.	Ramal Singh Birdi	B.D.O., Khejuri II, Convenor of BDMC	Janka	03220-282001	8373063054
2					
3	Asim Mandal	Sabhapati, Khejuri II P.S., Chairman of B.D.M.C.	Janka		8001288128
4	Dr. Pabitra Kumar Halder	B.M.O.H.	Shillyaberia		701100894
5	Dr. Debasish paramanik	B.L.D.O.	Contai	9933040857	9933040857
6	Indrajit Ghosh	B.D.M.O	Janka, khejuri	9564089995	9563722120
7	Pritam Jana	A.D.A.	Khejuri-II block	03220-280385	9679471777
8	Sirsendu Das	Officer-In-Charge	Khejuri Police Station, Janka	03220-282002	
9	Binay Manna	Officer-In-Charge	Talpatighat Coastal		8145101157
10	Amit Maity	C.D.P.O.	Kamarda		9732709803
11	Bharat Chandra Maity	Assistant Engineer, BP	janka		9733056045
12	Chowdury Mouinuddin	Assistant Engineer, BP	jnaka		8972299204
13	Subhasis Biswas	Assistant Engineer, BP	janka		8001636470
14	Karmadhakshaya		Khejuri-II PS		

15	Mr. Snehahis Dash	Member	Khejuri II		
16	Mrs.Chitra pakira	FEO	Khejuri II		9007929551
17	Mr. Ananta Nanda	Senior Citizen			
18	Mr. Baneshwar Panda	Senior Citizen			
19	Mr. Ranajit Mandal	MLA, 215, Khejuri	(SC) AC		
20	Mr. Himadri Das	H.F.C.			9851336326
21					

### 3.9 Identification of Cyclone / Flood Shelters (single/double storied) with capacity:

#### Existing Flood Shelters:

Name of the villages tagged with Res	Route Chart for Communication with Rescue Shelter	Name of the Rescue Shelter
<b>HALUDBARI GP</b>		
Dekhali (North Part)	On foot 1.5 Km by morrum road	1.Dekhali High School 2. Dekhali MSK 3.Kanthibari Mahamaya Pry School 4. Dekhali 1No. Pry School 5. Dekhali Kshetra mohan Pry School
Dekhali Jalpai	On foot 1.5 Km by morrum road	
Dekhali (Deshbandhu)	On foot 1 Km by morrum road	
Jagannathchak	On foot 1.5 Km by morrum road	1. Jagannathchak Pry School 2. Haludbari High School 3. Haludbari Pry School 4. Narsullachak Pry School 4. Keshabchak Pry School 5. Mundamari Pry School 6. Mundamari SSK 7.Chauddachulli Pry School 8.Kartikkhali Siksha Sadan 9.kartikkhali Pry School
Chauddachulli Haludbari	On foot 1 Km by morrum road	
Narsullachak	On foot 1.5 Km by morrum road	
Keshabchak Mundamari Kartikkhali	On foot 1.5 Km by morrum road	
<b>BARATALA GP</b>		
Bamunchak	On foot 1.5 Km by Pucca & morrum road	1.Khejuri College 2.Maldaha Nilkumari Pry.School
Maldha	On foot 1Km by Pucca road	
Pirijpur	On foot 1.5 Km by Pucca & morrum road	1.Ramchak jr. High School 2.Ramchak Pry. School 3.Pirijpur Pry.School 4.Medhakhali Gopinath Pry 5 Medhakhali Adarsha Pry 6. Baratala Gram Sangha 7.Baratala Tarun Pry School 8.Pankhai BM Institution 9. Pankahi jr. Basic School 10. Dk. Pankahi Pry School 11. Serkhanchak MSK 12. Serkhanchak SSK 13. Serkhanchak 1 no. Pry 14. Serkhanchak 2 no. Pry 15. Serkhanchak haripjan pry 16. Serkhanchak Amratala pry
Medakhali Baratala Pankhai Serkhanchak	On foot 2 Km by morrum road	
<b>KHEJURI G.P.</b>		
Kadirabadchar	On foot 1 Km by morrum road	Kadirabadchar Pry School Saheb nagar Pry School Satkhanda Saheb nagar Pry School 1.Dhobaghata Bamunchak Pry
Saheb nagar	On foot 1 Km by morrum road	
Satkhandha Saheb nagar	On foot 0.5 Km by morrum road	
Khejuri	On foot 1 Km by morrum road	



Dhobaghata Bamanchak	On foot 1 Km by morrum road	School 2. Alichak Pry School 3.Khejuri Saraswati Vidyamandir MSK 4.Khejuri Ramkrishna Saraswati Junior Basic School.
Alichak	On foot 1 Km by morrum road	
Safarchata	On foot 2 Km by morrum road	
Banbasuria	On foot 2 Km by morrum road	
Radhanagar	On foot 1 Km by morrum road	1.Khejuri Flood cum-Cyclone Shelter. 2. Arakbari Pry School 3.Radhanagar Pry. School 4.Satsimli Pry. School
Arakbari	On foot 2 Km by morrum road	
Satsimli	On foot 1 Km by morrum road	
JANKA G.P.		
Purba Bhanganmari	On foot 0.5 Km by morrum road	Purba Bhanganmari Jr. High School  1.Khejuri Adarsha Balik Vidyapith 2. Khejuri Adarsha Vidyapith 3.Sahapur Pry.School 4.Kadirpur Pry. School 5.Bhaganmari Pry. School 6. Fulbari Pry School 7. Panikha Vidyasagar MSK 8. Panikha Umacharan pry School 9. Katkadebichak SSK 10. Gorahar jalpai pry 11. Gorahar Gosaichak pry
Paschim Bhaganmari	On foot 1 Km by morrum road	
Tengramari	On foot 0.5 Km by morrum road	
Monoharchak	On foot 0.5 Km by morrum road	
Ajanbari	On foot 0.5 Km by morrum road	
Sahapur	On foot 1 Km by morrum road	
Kadirur	On foot 2 Km by morrum road	
Fulbari		
Panikha		
Katkadebichak		
Purba Panikha		
Paschim Panikha		
Gorahar Jalpai		
Gorahar Gosaichak		
Gorahar		
NIJKASBA G.P.		
Meidinagar	On foot 1 Km by morrum road	1.Meidingar Pry.School 2.Gopichak Pry. School 3.Battalya Pry. School 4. Hijli Gopichak High School 5. Nona Pota Pry. School 6.owachilchak,7.panchuria MPCs
Adampur	On foot 0.5 Km by morrum road	
Gopichak	On foot 0.5 Km by morrum road	
Battalya	On foot 1 Km by morrum road	
Andiramchak	On foot 1 Km by morrum road	
Betaldighi	On foot 1 Km by morrum road	
Nonapota	On foot 1 Km by morrum road	
Osmanpur	On foot 1 Km by morrum road	
Alipur	On foot 0.5 Km by morrum road	1.Kalyanchak Upper Pry School 2.Sundarpur Flood-cum Cyclone Shelter. 3.Alipur Pry. School Dk. Boga Pry School Boga Bipin Behari Pry School Sundarpur Pry School
Kayalchak	On foot 1 Km by morrum road	
Boga	On foot 2 Km by morrum road	
Sundarpur	On foot 1 Km by morrum road	
Nijkasba	On foot 1 Km by morrum road	Nijkasba Pry. School Alichak Pry. School
Alichak	On foot 1 Km by morrum road	
Padurveri	On foot 1 Km by morrum road	
Oashilchak	On foot 1 Km by morrum road	Amrit Bharati Vidyabhaban Chota kasafalia pry School
Gobindapur	On foot 1 Km by morrum road	
Karimchak	On foot 1 Km by morrum road	
Kharipukhuria	On foot 1 Km by morrum road	
Abdullyachak	On foot 1 Km by morrum road	

**Air Dropping place :-**

- 1)Khejuri College Ground
- 2) Sahapur Football Ground

- 3) DakshinKhejuri Banimancha High School-School Ground (Latitude. 87°54.169' and Longitude 21°50.368')
- 4) Hijli Gopoichakl High School Ground (Latitude. 87°54.544' and Longitude 21°49.016')
- 5) Football Ground of Haludbari
- 6) Kasaria High School Ground((Latitude. 87°56.713' and Longitude 21°52.497'

**Control Room:**

Name of the Officer	Name of the Officer & Staff	Phone Number
khejuri – II Block	Ramal Singh Birdi, B.D.O.	8373063054
	Achintya kumar Bhowmik	9531507391
	Bharat Maiti,	9830972389
	Manab Kmar Das, UDA (Relief)	9564415451
	Sankhajit Mal, UDA(Elec)	9732535726
	Mahendra Jadav, BIO	9734750949
	Pratap Panda, Night Guard	8436656609
	Bishtuhari Shit, Orderly to BDO	9933572225

**Name of the Country of Mechanized Boat Owner's:-**

Sl. No.	Name of the Boat Owners	Address	Category	Name of the contact person with Mobile no.
1.	Mihir Kanti Das	Satkhandas Sahebnagar	Mechanized	Panchanan Karan, Sabhapati Ma Ganga Matsya Khanti, 7602668670
2.	Bishnupada Das	-do-	-do-	-do-
3.	Rajani Sahoo	Sahebnagar	-do-	-do-
4.	Badal Singha	Kadirabadchar	-do-	-do-
5.	Santosh Maity	-do-	-do-	-do-
6.	Rabin Bar	-do-	-do-	-do-
7.	Subhendu Gayen	-do-	-do-	-do-
8.	Sk. Saharat Ali	-do-	-do-	Sk. Akkash Ali, Secretary, Chur Saheb Matsya Khati, 8670377974
9.	Sk Mahinuddin	-do-	-do-	-do-
10.	Sk Akkash Ali	-do-	-do-	-do-
11.	Buddhadeb Mondal	Dhobaghata Bamunchak	-do-	8967522331
12.	Narayan Ch. Sahoo	Nijkasba	-do-	9932766813
13.	Bidhan Ch. Das	Panchuria	-do-	9647036627
14.	Swapan Kr. Dinda	Dakshin Kalagechia	-do-	9564212685
15.	Gour Dolai	Meidinagar	-do-	9733871424
16.	Chanchal kr. Roy	Panchuria	-do-	9635274892
17.	Prabir Dutta	Panchuria	-do-	9547878862
18.	Ramkrishna Mandal	Arakbari	-do-	9734837234
19.	Subodh Ch. Gayen	Oashilchak	-do-	9635777590
20.	Pradip Kr. Patra	Thanaberia	-do-	9733513998
21.	Goutam Bera	Kaukhali	-do-	9874717995
22.	Rabin Bar	Katakadebichak(Gorahar)	-do-	9732748479
23.	Rabin Pradhan	Boga(Rasulpur)	-do-	9800951702
24.	Rabin Jana	Dekhali	-do-	9775130788
25.	Janmenjoy Bar	Gorahar	Country	9733787458

			Boat	
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**Bhagawanpur-II Development Block**  
**Block Disaster Management Committee**

Sl. No.	Name	Designation	Address	Phone Number	
				Office	Residence
1.	Smt. Kajal Barman	Sabhapati, Bhagwanpur-II P.S., Chairman of B.D.M.C.	Bhupatinagar		9732876784
2.	Sri Biswajit Majumder	B.D.O., Bhagwanpur-II, Convenor of BDMC	Bhupatinagar	03220-270220	8373063055
3.	Sri Amalesh Biswas	Jt. B.D.O., Bhagwanpur-II	Bhupatinagar	03220-270220	7602850133
4.	Sri Prasenjit Mitra	B. D. M. O.	Bhupatinagar	03220-270220	9474598535
5.	Dr. Rabindranath Jana	B.M.O.H.	Mugberia	03220-270237	9733065318
6.	Sri Tanmay Bhowmik	B.L.D.O.	Bhupatinagar		9733066940
7.					
8.	Sk Jasimuddin	A.D.A.	Bhupatinagar		9126609873
9.	Sri Amarjit Biswas	Officer-In-Charge	Bhupatinagar Police Station, Janka	03220-270239	9083269731
10.	Sri Rajiv Kumar Mondal	C.D.P.O.	Bhupatinagar		8013519924

**Important Department and Officers**

Sl	Name	Designation	Phone
1	Sri Subhamoy Bhattacharya, WBCS(Exe.)	SDO, Contai Sub-Division	P. No. 03220-255001 8373063008 Fax No. 03220-255002
2	Sri Biswajit Majumder, WBCS(Exe.)	BDO, Bhagwanpur-II Development Officer	8373063055 Phone; 03220270220 Fax; 03220270220
3	Sri Amalesh Biswas	Jt. B. D. O., Bhagwanpur-II	7602850133
4	Sri Prasenjit Mitra	B. D. M. O., Bhagwanpur-II	9474598535
5	Dr. Rabindramatj Jana	BMOH	9733065318 03220-270237
6	Block Medical Hospital	Basantia	03220253790
7	Sri Alaknath Biswas	BL & LRO	03220-270111 9434640018
8	Sri Shyamal Kanti Shit	ADA	9774449459
9	Sri Tanmay Bhowmik	B.L.D.O.	9733066940

10	Swapan Kumar Pandit	Executive Engineer ,Irrigation	9434303934
11	Irrigation Office	Contai	03220255162
12	I.C Contai Police Stn.	Contai	7797210001
13	Contai Police Stn.	Contai	03220255026
14	Officer-in-Charge	Bhupatinagar P.S.	03220-270239 7797210039
15	Sri Nishikanta Barik	CDPO	9474507708
16	Subir Ghosh	Asst. Engineer (PHE)	9732550649
17	Public Health Engineering	Contai	03220255068
18	Asst. Engineer	PWD	9434101475
19	Office PWD	Contai	03220255062

Control Room duties in emergency:

Sl No	Name & Designation	Contact No.
1	Sri Amalesh Biswas, Jt BDO	7602850133
2	Sri Amal Dutta , IDO,	9153201431
3	Sri Kiranmoy Panda, PA & AO	9434611004
4	Smt. Anindita Dwibedi, SEO	9609020089
5	Sri Biswajit Roy, IMW	7278558781
6	Sri Banabehari Barman, BIO	9735678124
7	Sri Prasenjit Mitra, BDMO	9474598535
8	Sri Samir Khatua , UDA ( BDMS)	8145023444
9	Sri Kalipada Pramanik	9434800125
10	Orderly to BDO	
11	Smt. Sadhana Pattanayak, Panchayat Peon.	7407526272
12	Sri Sukumar Mandi, Night Guard	

Mugberia	1	Rathindranath Bhunia	Rabindra Bhunia	Bhupatinagar	M.P.	9732799842
	2	Pratul Nanda	Bivaban Nanda	Keshaidighi, Mugberia	B.A.	9733603456
	3	Pranabesh Maity	Anathbandhu Maity	Bayenda	B.A.	8108117040
	4	Arijit Maity	Amiya Maity	Dumurdari	M.P.	9593465727
	5	Chamaly Hazra	Nonigopal Hazra	Bhupatinagar	M.P.	7407432689
Basudevberia	1	Subrata Bar	Subhas	Neturia, Udbadal	M.P.	9735233620
	2	Pralay Maity	Kalipada	Basudevberia, Basuli Bazar	M.P.	9775361431
	3	Subrata Mondal	Haripada	Betal Khatial, Barbaria	H.S.	9732597256
	4	Rajkumar	Sisir	Basudevberia, Basuli	M.P.	9733643834

		Ghorai		Bazar		
	5	Snehasish Dey	Tushar	Laudighi, Itaberia	H.S.	9735752210
Itaberia	1	Kalu Khatua	Nagendra	Panchhari	M.P.	8145332436
	2	Arun Mandal	Sudarshan	Itaberia	M.P.	8768406949
	3	Dilip Mandal	Bikram	Teghori	M.P.	9734378883
	4	Sudip Maity	Debashis	Uttar Khamar	H.S.	8348511505
	5	Sukumar Guchhait	Nimai	Dubai	H.S.	9564548590
Bhagwanpur-II Development Block	1	Tushar Duary	Sachindra Nath Duary	Kotdalbar, Analberia	M.P.	9903104740
	2	Somen Maity	Madan Mohan	Udbadal	M.P.	8373863088
	3	Pralay Bera	Pradip Bera	Tiorkhali	M.P.	8597844176
	4	Uttam Maity	Pradip Maity	Dhaipukuria, Mugberia	M.P.	9775289149
	5	Joydeb Barman	Lalmohon Barman	Garbari	H.S.	9593073846
	6	Sk. Jane Alam	Sk. Haidar Ali	Madhakhali, Bhupatinagar	H.S.	9735508881
	7	Anandashankar Dasadhikary	Brajagopal Dasadhikary	Bamunia, Jukhia Bazar	M.P.	9733936721
	8	Puspa Das	Sanat Das	Bhupatinagar	M.P.	8016699963
	9	Srikanta Manna	Satyaranjan	Maishali	M.P.	7719244666
	10	Gouhari Maiti	Basudeb	Machnan	B.A.	9800918081

**Ramnagar-II Development Block**  
**Block Disaster Management Committee:**

Name	Designation	Address
Monalisa Santra (Ghorui)	Savapati	Ramnagar-II PS
Arun Das	Saha-Savapati	Ramnagar-II PS
Manoj Kanjilal	BDO	Ramnagar-II
Asis Kumar Paria	Jt BDO	Ramnagar-II
Nazimul Mallick	BDMO	Ramnagar-II
Dr. Manas Mandal	BMOH	Ramnagar-II
	Asst. Engineer	Irrigation, Ramnagar Circle

Dr. Sanjay Mandal	BLDO	Ramnagar-II
	Member	Ramnagar-II PS
Karunasis Maity	NGO Representative	Dharas Desapriya Sangha
Kabita Bhunia	NGO Representative	Arya Chakra Samaj Kaly Sangha, Narkuli
Murshed Ali	School Teacher	Ramnagar-II
Ashoke Maity	School Teacher	Ramnagar-II
Aswini Chanda	Senior Citizen	Ramnagar-II
Gouranga Maity	Senior Citizen	Ramnagar-II
Satyabrata Dey	Station manager	Pichhaboni Electric Supply
Radhanath Ghara	Station manager	Digha Group Electricity
Goutam Kumar Singha	CDPO	Ramnagar-II

### Contai-III Development Block

#### Block Disaster Management Committee:

Name	Designation	Phone Number	
		Office	Residence
Krishna Das	Savapati, Chairperson	9476114732	
Nehal Ahmed	B.D.O., Secretary	<b>8373063050</b>	
Subhadeep Bera	Jt. BDO	<b>8240019475</b>	
	B. M. O. H..	<b>8583860486</b>	
Debasish Maity	A. D. A.	<b>9434311692</b>	
Chandra Kanta sasmal	Officer-in-Charge, Marishda P.S.	<b>03220-250426</b>	
Ujjawal Kumr Chakraborty	Asst. Engineer	9883067831	
Lalmohan Karmakar	BIO	9232690477	
Nabanita Pal	Karmadhyaksha	9126227076	
Trishita Rana	<b>Karmaddhakshya of Tran Sthayee Samity, Member</b>	<b>9434508355</b>	
Shibani Panda		<b>9933036912</b>	
Supriya Gole		<b>9733748363</b>	
Smt. Banashree Ma Honourable MLA, 213 Kanthi Uttar	Honourable MLA, 213 Kanthi Uttar, Member	<b>9434453529</b>	
Smt. Chandrima Bhattachar MLA 216 kanhi Dakshin & Minister in -Charge, Janasasthaya, Aba etc.	MLA 216 kanhi Dakshin & Minister –in -Charge, Janasasthaya, Abas Etc, Member		
Pradhan Durmuth	Tapasi Das	<b>9635984878</b>	
Debendra Pradhan	Sukumar Sahoo	<b>7872115584</b>	
Marishda Pradhan	Jhunu Mandal	<b>9732946237</b>	
Kusumpur Pradhan	Akhilesh Panda	<b>9732552804</b>	
Bhajachauli Pradhan	Swapan Kumar Bag	<b>96797558192</b>	
Kumirda Pradhan	Puja Mandal	<b>7063704312</b>	
Lauda Pradhan	Bikash Chandra Jana	<b>9932977796</b>	
Kanaidighi Pradhan	Lakshi Jana	<b>9933628299</b>	
	BLDO, Member	<b>9874879649</b>	
Bijan Debnath	BL&LRO, Member	<b>9734070782</b>	
Ujjal Charaborty	SAE, Member	<b>9434940795</b>	
Shyamal Kanti Bala	SAE, Member	9874713240	

Lalmohan Karmakar	BIO, Member	9232690477	
Asit Kr. Jana	AAEO	9475326493	
Biswanath Biswas	APO, Member	9883852386	
	CDPO, Member	9732785191	
Joyesh Shaw	PA&AO, Member	7980787978	
Krishna Soundra Roy	WDO, Member	9434959325	

### Bhagawanpur-I Development Block

#### Block Disaster Management Committee:

Sl.No	Designation	Address	Phone Number	
			Office	Residence
1.	B.D.O.	Bhagwanpur-1 Dev.Block	03220274279	9733056464(P.Konar)
2.	Savapati	Bhagwanpur-1 Dev.Block	03220274279	9733559195(P.Maity)
3.	Karmadhyakshya -Tran	Bhagwanpur-1 Dev.Block	03220274279	7602161507(Kabita Barman Mandal)
4.	Officer-In-Charge Bhagwanpur Police Station	Bhagwanpur Police Station	03220274279	9477224477
5.	Bloak Land&Land Revenue Officer	Bhagwanpur-1 Dev.Block	03220274279	9046733718
6.	BMOH	Bhagwanpur-1 Dev.Block	03220274279	9732192840
7.	Ins.(F&S)	Bhagwanpur-1 Dev.Block	03220274279	8637098232
8.	BYO	Bhagwanpur-1 Dev.Block	03220274279	9775127498
9.	ADA	Bhagwanpur-1 Dev.Block	03220274279	9475457485
10.	SI of school	Bhagwanpur-1 Dev.Block	03220274279	9749038799
11.	Asst.ENgg.,PWD	Bajkul	_____	_____
12.	Brajakishore Mondal, Storing Agent	Bajkul	_____	943104779

### Egra – I Development Block

#### Block Disaster Management Committee

Name	Designation	Address	Phone Number	
			Office	Residence
Amiya Raj	Savapati	Egra-I PS	9932751594	
Radhakanta Bar	Saha-Savapati	Egra-I PS	9932751594	
Banshi Dhar Ojha	BDO	Egra-I	8373063056	
Ramkrishna Sen	Jt BDO	Egra-I	9874420141	
Biswanath Pandit	BDMO	Egra-I	9775744144	
Panchu Kumar Bhanja	ADA	Egra-I		
Ratan Kumar Maity	FEO	Egra-I		
Manoranjan Sasmal	I(F&S)	Egra-I		
Bhabananda Payra	Junior Engineer	Egra-I		

Chhabi Das Mahapatra	ZP Member , Pu Medinipur	Egra-I		
Nepal Sing	CDPO	Egra-I		

### Temporary Flood Shelter:

School & other Government infrastructure used as flood shelter	Sl. No.	Name of the G.P.	Name of the Institution	Latitude (N)	Longitude (E)
	01	Barida	1. Tentulia Sarrang High School	21° 55'44.4"	87° 29'51.2"
			2. Bartana Pravati High School		
	02	Kasba Egra	1.Kaithore High School	21° 55'47.4"	87° 33'13.1"
			2. Mahabishra Balaram Pry. School		
	03	Chhatri	1.Chhatri Vivekananda V.Bhavan	21° 51'5.3"	87° 33'16.2"
			2.Rasan Neheru High School		
	04.	Jerthan	1.Jerthan Gayaprasad High School	21° 45.298'	87° 28.685'
			2.Alangiri Radhabinod High School	21°51.665'	87° 29.596'
	05.	Panchrol	1.Panchrol High School	21°49.334'	87° 27.332'
			2.Kasbagola FOB High Madrasa	21°48.630'	87° 26.601'
			3.Kalyanpur High School		
	06.	Sahara	1. Sahara High School	21° 44'57.8"	87° 27'03.2"
			2.Shipur Keshabeswar High School	21° 46'27.9"	87° 28'19.8"
			3.Telami High School	21° 47'36.1"	87° 27'01.5"
	07	RBC	1.Chorpalia S.S.Vidyapith	21° 47.734'	87° 30.672'
			2.Negua S.N.High School	21° 48.660'	87°30.664'
			3.Negua Girls High School	21° 48.655'	87°30.664'
	08.	Jumki	1.Jumki High School	21°46.536'	87° 30.729'
			2.Chirulia High School	21°45.467'	87°30.040'
			3.Baligeria High School	21°44.845'	87°30.011'
			4.Arjuni High School		



### Details of Mela & its Response Mechanism

Details List of Fair(Mela),Purba Medinipur District						
Sl No	Name of Block	Location	Name of Event	Season/Date of Mela	Approximate Gathering	Emergency Response
1	Moyna	Near Bakcha g.p. office	Ola Bibi Mela (5 days)	March	10000	Police & volunteers engaged
2		Garsafat	Moyna Ras Mela	November	20000	Police, volunteers and Apada Mitra volunteers engaged with fire safety measured
3		Ramchak 3 no pry school	Dol Utsab	March	20000	Police & volunteers engaged
4	Sahid matangini	Hakola	Akshaytrityr Mela	April	11000	Police,Civic Volunteers & fire control
5	Haldia(Municipality)	HFC Ground,Basudevpur	Khudiram Janmatsov Mela	December	20,000	All safety measures are taken Police,Fire
6		Satish Samanta Haldia Trade Centre	Haldia Trade Fair	January	50,000	All safety measures are taken Police,Fire
7		Tajpur	Najrul Mela	January	70,000-80,000	Police personnel , Civic Volunteers, ANM deployed
8		Pichhabani	Kalipuja	November	90,000-1,00,000	Police personnel , Civic Volunteers, ANM deployed
9		Sabajput	Basanta Utsab	March	70,000-90,000	Police personnel , Civic Volunteers, ANM deployed
10		Saula	Ganga Mela	January	50,000-60,000	Police personnel , Civic Volunteers, ANM deployed
11		Beltala	Ganga Mela	January	35,000-40,000	Police personnel , Civic Volunteers, ANM deployed
12		Subdi	Ganga Mela	January	20,000-25,000	Police personnel , Civic Volunteers, ANM deployed
13		Sabajput	Ratanti Kalipuja	February	15,000-20,000	Police personnel , Civic Volunteers, ANM deployed
14		Junput	Ganga Mela	January	25,000-30,000	Police personnel , Civic Volunteers, ANM deployed
15	Contai –I	Chenchuraput	Rakha Kali Mela	March-April	25,000-30,000	Police personnel , Civic Volunteers, ANM deployed
16	Deshapran	Manikpur, Mukundapur	Deshapran Mela	15 <sup>th</sup> March-25 <sup>th</sup> April	10,000/day	Fire safety, Police arrangement to maintain law & order, Volunteers
17		Basantia	Durga Puja Bisarjani Mela	October	10,000	Fire safety, Police arrangement to maintain law & order, Volunteers

18		Dariapur	Laxmi Puja Bisarjani Mela	October- November	15,000	Fire safety, Police arrangement to maintain law & order, Volunteers
19		Basantia	Saraswati Puja Bisarjani Mela	January-February	10,000	Fire safety, Police arrangement to maintain law & order, Volunteers
20	Contai – III	Deulbar -Bahiri,	Rath Jatra	June.	10,000	Police personnel of Marishda P.S. & Civic Volunteers.
21	Khejuri – II	Medhakali	Tufan Gazi Mela	17 january to 20 january	1-1.5 lakh per day	police personnel,Volunteers
22		Hijli	Hijli Sarif Mela	16 march and 31 march	5 lakhs	police personnel,Volunteers
23	Ramnagar – I	Digha,Snkarpur,Tajpur	Sankranti Mela	January	50,000	Additional security arrangement done, CD volunteers engagement required.
24	Bhagawanpur-II	Basudevberia Sanskritik Chakra	Milan Mela	January	10000	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
25		Udbadal	Bibekananda Mela	February	15000	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
26		Khanjadapur	Ragar Mela	January	10000	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
27		Madhabpur	Madhabpur Mela	February	10000	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
28		Dakshin Pathar Beria	Vim Mela	March	15000	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement

### Details of LPG Godown and Petrol Pump

#### Detailed Report on Petrol Pump and LPG Gas

Sl No	Block	Owners Name	Address	Latitude	Longitude	Contact No
1	Nandakumar	Swapan Kr. Roy	Tara Maa Service Station	22.229001	87.900264	9474598748
2	Nandakumar	Amar & Amrita Pal Sing	Sabharwal Enterprise	22.192528	87.915905	-
3	Nandakumar	Malati Maity	Nandakumar Service Station	22.188182	87.922437	9732742260
4	Nandakumar	N.S.Maity	Sarada Service Station	22.147609	87.896632	-
5	Nandakumar	Pasupati Das	Maa Sarada Auto Fuel	22.160058	87.903925	8926825037
6	Nandakumar	Arup Kr. Samanta	National Filling Station	22.258049	87.850738	9733696209
7	Nandakumar	Sima Jana	Usha Depot	22.210549	87.826687	9635431769

8	Nandakumar	Yogendra Roy	Balban Service Station	22.205738	87.904879	-
9	Nandakumar	Sheela & Arun Kr. Sing	Abhiyani Fuels	22.223719	87.925394	9433086353
10	Moyna	Sachindra Nath Bhowmik	vill+p.o paramanandapur	22.25081	87.76456	9434612312
11	Moyna	Nirmalendu Maiti	Vill.+P.O.- P.D.Moyna, P.S.-Moyna	22.235671	87.79198	
12	Panskura – I	Petrol Pump	Keshapat	22.444737	87.753301	
13	Panskura – I	Petrol Pump	Ratulua	22.403748	87.67702	
14	Panskura – I	Petrol Pump	Paschim Nekra	22.399183	87.70054	
15	Panskura – I	LPG Godown	Kalidan IGV	22.2079	87.3925	
16	Panskura – I	Petrol Pump	Purul Pati Seva Kendra	22.3648	87.6584	
17	Panskura –II	Madhumita Sarkar	Gitanjali Filing Station Bardabarh, Sagarbarh			9933569119
18	Panskura –II	Indian Oil	S.R.O. Kolaghat Kharisha, Kola-I			9434019904
19	Panskura –II	Chandrakanta Paul	The Highway Service Station .Borisha, Kola-I			9433203934
20	Panskura –II	Gopinath Ghorai & Amalendu Dolai	M/S Satyanarayan Service Station.Borisha, Kola-I			9434149055
21	Panskura –II	Nimai Chandra Pal	Jhuma Service Station Gopalnagar			9474760122
22	Panskura –II	Alok Bhattacharyya (Secretary)	The KTPP/SEMP. Co-Stores ltd. Kharisha, Kola-I			03228-250475 9434742374
23	Panskura –II	Siddhartha Maity	Vidyasagar Indian Service. Bathanberia, Gopalnagar			9830138728
24	Haldia	MAITRI DAS	KUMARPUR (Under Chakdwipa GP)	22.1038566	88.0398417	9434031641
25	Haldia	RAJAT KUMAR KHUTIA	BARBAJITPUR ( Under Chakdwipa GP)	22.0929399	88.043863	7384784127
26	Haldia	MITA MAITY ARUN DINDA(MANAGER)	KASTHAKHALI (Under Baruttarhingly GP)	22.1182358	87.9979182	9434064060
27	Haldia(M)	Veteran Co. Pvt. Ltd.	Chiranjibpur			9732741403
28	Haldia(M)	Ramkrishna Ghosh	Superior Service Station,Haldia Township			
29	Haldia(M)	Sk.Mujaffar	Sree Service Station, Debhog City Centre			
30	Haldia(M)	Raghunath Pramanik	Pramanik Filling Station Raghunathchak			
31	Haldia(M)	Pabitra Kumar Nanda	Adhyasakti Fuel Station, Durgachak			9614752323

32	Haldia(M)	Sachindranath Biswas	HPCL Petrol Pump,Brajanathchak			7076820802/ 8513876618
33	Haldia(M)	Krishnadas Mondal	Astha Filling Station,Tentulberia			9434801061
34	Haldia(M)	Nirmalendu Parui	Basudevpur			9434104197
35	Haldia(M)	Pranab Seth	MadhuFilling Station Bhagyabantapur			9434236095
36	Haldia(M)	Subhas Chandra Panja	Haldia Petrochem Service Station,Kasberia			9732741403
37	Haldia(M)	Singh Filling Station	HPL Link Road, Basudevpur			9733545176
38	Haldia(M)	Pranab Seth	Seth Brothers & Co. Makhanbabur Bazar, Township			9434236095
39	Haldia(M)	Gour Mandal	BPCL Coco,HPL Link Road, Tentulberia			9434505622
40	Haldia(M)	IOC Consumers Co-operative Society	Haldia Township			3224-266541
41	Haldia(M)	HDC Consumers' Co-operative Society				3224-263494
42	Haldia(M)	Durgachak Gas Service	HPL Link Road, Basudevpur			3224-277484/ 274894
43	Haldia(M)	Indian Oil Petronous Pvt.Ltd.	Kasberia,Haldia			9674164115
44	Haldia(M)	Hindustan Aegis LPG Ltd.	Bijoyramchak, Patikhali			3224-251033/ 251025
45	Deshapran	Sita Rani Mondal	Vill+PO- Benichak, PS- Contai	21° 49'19''	87° 51'41''	9932608510
46	Deshapran	Deshapran Fishing Harbour (Govt. Of WB)	Vill- Pratappur, PO- Dariapur, PS- Junput Coastal	21° 47'41''	87° 52'52''	6296729754
47	Deshapran	Satyaranjan Mondal	Vill- Bichunia, PO- Junput, PS- Junput Coastal	21.7251 °	87.809627 °	9733950930
48	Contai- III	Saidul Islam Khan	Betalia			9475820006
49	Contai- III	Mitali Adak	Marishda			03220 250555/ 9434610410
50	Contai- III	Co-operative Fuel Pump	Sherpur			03220 256666/ 9800875278
51	Contai- III	Sankyadhwaj Pramanik	Padmapukhuria			9732723249
52	Contai- III	Krishnendu Adhikary	Dharmadasbar			03220 254657
53	Contai- III	Krishnendu Bikash Jana	Dharmadasbar			9434128114
54	Contai- III	Ashis Ranjan Das	Hatabari			9434692227
55	Khejuri – II	Debabrata Mondal,	vill-shyampur, Po-Sillyaberia			9732936442
56	Khejuri – II	Pratima Patra	Vill-Kadirpur,PO-janka PS-Khejuri	21.87566	87.934519	8900020540

57	Khejuri – II	Subrata Patra	Vill-kasaria,Ps-Khejuri			9932199831
58	Ramnagar – I	Tarapada Bag	Nariha, Balisai, 721423	21°38'56.2"	87°35'19.9"	9434005262
59	Ramnagar – I	Anupam Sahoo	Dakshin Basulipat, P.O - Ramnagar, 721441	21°41'12.8"	87°33'48.4"	9732800810
60	Ramnagar – I	Biswaranjan Das	Thikra, Fatepur, 721441	21°40'0.52"	87°32'41.1"	90070 67688 9748777201
61	Ramnagar – I	Bappa Beg	Fatepur, Ramnagar, 721441	21°39'25.3"	87°32'16.1"	9932237878
62	Ramnagar – I	Chanchal Pradhan	Ghersai, Alankarpur, 721441	21°38'21.0"	87°31'37.8"	89185 93719
63	Ramnagar – I	Pranab Kar	Gobindabasan, Digha, 721463	Not Found	Close	
64	Ramnagar – I	Uttam Saha	Gadadharpur, Digha, 721428	21°37'24.0"	87°31'22.2"	9232257990
65	Ramnagar – I	Sudhir Kumar Dey	Digha B1 Sector (Border), Digha NTS, 721463	21°37'17.5"	87°29'13.6"	9830050733
66	Ramnagar – I	Ardhendu Manna & Nimai Charan Mandal	Digha (Kiyageria), Digha NTS 721428	21°37'17.6"	87°29'11.7"	9928320745
67	Ramnagar – I	Sanjay Sau	Sayadpur, Ramnagar, 721441	21°40'50.5"	E87°33'48.8"	9434832089
68	Ramnagar – I	Papia Kundu	Thikra, Hirapur, 721441	N21°40'0.37"	E87°32'43.2"	9073322674
69	Ramnagar – I	Mousumi Pradhan (Payra)	Digha, 721428	N21°39'13.7"	E87°32'13.0"	7407517259 9735408260
70	Bhagawanpur-II	Ashalata H. P. Gas Gramin Vitrak	Bhupatinagar			9434987557
71	Bhagawanpur-II	Madhakhali Indane Gas	Madhakhali			9733060886
72	Bhagawanpur-II	Pravati Dey	Udbadal, Itabaria			9609630585
73	Bhagawanpur-II	Muktopada Kamila	Laudighi, Basudevberia			9734810833
74	Egra Municipality	M/S Patesaria Agencies				03220- 244353
75	Egra Municipality	Pal Filling Station				9232611864
76	Egra Municipality	Grihalaxmi Gas Center				9733057524

### **Standard Operating Procedure of South Eastern Railway:**

Railway Disaster is a serious train accident or an untoward event of grave nature, either on railway premises or arising out of railway activity, due to natural calamity or man-made hazard, that may lead to loss of many lives and/or grievous injuries to a large number of people, and/or severe disruption of traffic etc, necessitating large scale help from other Government/Non-Government and Private Organisations.

#### **Authority to declare a Disaster on Railways:**

Railway Board has also approved to nominate GMs, AGMs or CSOs for declaring an untoward incident as Railway Disaster. Zonal Railways will ensure that prevention, mitigation, preparedness, rescue and relief related issues covering all types of disasters affecting railway system are addressed and their details are also appropriately incorporated in their Disaster Management Plans.

#### **Preparedness:**

#### **Self-Propelled Accident Relief Medical Van (SPARMV) at Kharagpur:**

- Equipment stored in special medical relief vans consisting of three coaches, one for Medical equipment, second for Mechanical equipment for rescue and third for Electrical equipments.
- SPARMV stabled at ARMV siding.
- One key of the Medical Van is available with general station Manager/KGP and another one with Sr. DMO KGP & In-charge of the SPARMV
- One key of Aux – Van is available with SSE coaching yard, Kharagpur
- Medicines and equipment's are available as per the scale.
- SPARMV must be dispatched within 15 minutes after sounding hooter as there are double exits.
- The Accident Relief Train (ART) is stabled in Cuttack line No – 4, 140 T Crane and RCRV are in crane shed. All the keys are with SSE coaching yard/KGP.
- The relief train is only to be called for when a running road is blocked in any manner necessitating the employment of a relief crane and van to clear the road. The relief train is also required when an engine is derailed in a siding and is not blocking a running road.
- Station Master should state the nature of the work required to be done and also give the number and class of rolling stock to be dealt with.

#### **Accident Relief Medical Van (ARME) at SRC**

- I. Equipment stored in special medical relief vans stabled at ARME siding. Key of the Medical Van is available (one with General Station Manager and another one with Sr DMO).
- II. Medicines and equipments are provided as per railway board norms.
- III. ARME must be dispatched within 25 minutes after sounding hooter as there is single exits.
- IV. The Accident Relief Train (ART) is stabled in ART siding. All the keys are with SSE (C&W) coaching yard/SRC
- V. ART must be dispatched within 30 minutes by day and 45 minutes by night after sounding hooter.
- VI. The relief train is only to be called for when a running road is blocked in any manner necessitating the employment of a relief crane and van to clear the road. The relief train is also required when an engine is derailed in a siding and is not blocking a running road.
- VII. Station Master should state the nature of the work required to be done and also give the number and class of rolling stock to be dealt with.

#### **Timely Dispatch of ARME/MFD/ENGG Materials**

##### **To ensure timely dispatch of ARME, MFD & Engineering relief train:-**

- I. Sr.DOM/Sr.DME/Sr.DEE will ensure availability of Crew & Guard for ARME/MFD in time.
- II. Sr.DOM will ensure immediate nomination of power & if no train power is available Sr. DME/Sr.DEE will arrange power from shed/coaching lye over etc.
- III. To take care of OHE breakdown in case of natural calamity like cyclone etc it is essential that sufficient diesel powers are provided in electrified territory on daily basis which can address exigencies as well.

- IV. A diesel loco to be kept standby at SRC & KGP for ARME/MFD.
- V. Sr.DEN(co)/KGP will ensure that timely information is given to Sr.DOM/Officer – in – charge in control regarding relief material required for accident site & the detail programme thereof.
- VI. Running lines of adjoining stations on either side of the accident affected block section should be kept clear of all trains for shunting of ART/ARMV and evacuation of affected portion of the train. In case there are any stabled loads, the same should be lifted, if possible.

**Position of ARME/MFD/CRANE in KGP**

<b>ARME/MFD/CRANE</b>	<b>Location</b>	<b>Facilities Available</b>
ARME Scale I	Kharagpur	ARME with 3 coaches, 2 sets of hydraulic Rescue Device. Fit to run at 100 Kmph
	Santragachi	ARME with 3 coaches, 2 sets of hydraulic Rescue Device. Fit to run at 100 Kmph
ARME Scale II	Tamluk, Mecheda	
MFD	Kharagpur	MFD with 4 coaches, 1 BCN and BRN with MFD hydraulic re-railing equipment, additional power pack and control stand. Fit to run at 100 Kmph
	Santragachi	MFD with 4 coaches, 1 BCN and BRN with MFD hydraulic re-railing equipment, additional power pack and control stand. Fit to run at 100 Kmph
Crane 140 T	Kharagpur	140 T Crane with 01 set of Lucas Hydraulic equipment with power pack, additional power and control stand. Speed potential of the crane is 100 Kmph

**Control Activities:**

- I. Control to ensure immediate ordering of ARME in case of accident involving passenger or road user. In case of accidents of other than passenger trains ordering MFD/Crane in consultation with Sr.DOM & Sr.DME
- II. Ensure dispatch of ARME within 15 minutes and MFD within 30 minutes by day and 45 minutes by night after sounding of hooter from base station.
- III. Ensure timely placement of relief van at site as per the advice of officer – in – charge of control.

**In case of major accident in addition to the above, control to mobilize following :-**

- Inform local hospital, health unit and other state Govt/private medical functionaries for assistance.
- Inform Dist. Administration, District police and other government functionaries for assistance.
- Assistance from Fire brigade, Military, para Military establishment may be asked, if required.

**Important Telephone No of South – Eastern Railway(Kharagpur Division)**

<b>Officer</b>	<b>Mobile No</b>
DRM	9002081000
ADRM	9002081001
Sr DSO	9002081904
Sr DOM	9002081900
SR DCM	9002081950
GM	9002080000
AGM	9002080001
SECY/GM	9002080002
DGM(G)	9002080004

**Station wise Contact Details:**

<b>Station Name</b>	<b>Railway Telephone</b>	<b>BSNL Telephone</b>	<b>Mobile No</b>
Nandakumar	64417	03228-275300	9002086291
Deshapran	64418	3320202888	8016481965
Kanthi	64419	3220202185	8016481964
RMRB	64420	3220264112	8016481967
Digha	64421	3220266921	8016481963
Santragachhi	45565	3326582504	9002086326
Kolaghat	64260	3228256243	9002086340
Mecheda	64212	3228250265	9002086236
Bhogpur	64409	3228251467	9002086238
Panskura	64302	3228252224	9002086240
Haur	64407	3228242330	9002086242
Kharagpur	62666	3222255735	9002086251
Raghunathbari	64411	3228201477	9002086276
Rajgoda	64412	3228218273	9002086279
Tamluk	64413	3228263040	9002086280
Junction Cabin	64415		9002086290
Keshabpur	64517	3228217782	9002086288
Mahisadal	64516	3224201671	9002086283
Barda	64515	3224201502	9002086282
Basuliya Sutahata		3224201830	9002086284
Durgachak	64512	3224277854	9002086285
Haldia	64502	3224264575	9002086295
Haldia Area	64522	3224252148	9002086294



## List of Heritage Site :

List of Heritage Site-Purba Medinipur								
Name of Heritage Building	Add ress	Significance	Year of Constr uction	Block /Municipali ty	Wheth er prone to inunda tion	Whether located EQ/Cyclon e/Tsunami prone Zone	Whether sufficient fire fighting arrangement is there	Any special measures taken for disaster risk reduction
Moyna Garh	Gars afat	This fort is reminiscent of legendary king Lausen (10th Century), and the Bahubalindras of Balisita (1434) who came here in 1561-62 AD. Even today, the Hindu temples (Vaisnavas, Saivas, Shaktas), the Buddhist shrines, Mazhar-sharif of the Muslim saint Manikpir, the Mausoleum of the Mahanta are reverberated with solemn hymns & prayers of thousands of devotees of different religious faiths.	1561-62	Moyna	Yes	No	No	No
Manik Pirer Darga	Taml uk	burried ground of St Manik Pir			Yes	No	No	No
Kapal Kundala Temple	Dari apur	Located at a distance of 7 km from the beach town is the ancient temple of Kapalkundala, which finds its name mentioned in the novel written by Bankim Chandra Chattopadhyay. Dedicated to Goddess Kali,		Deshap ran	Yes	Cylcone	No	No
Hamilton High School	Taml uk	The school is the second oldest institution in the district of Medinipur. It was founded in 1852 by Robert Charles Hamilton, a salt merchant Notable alumni: Khudiram Bose Mukul Dey Ajoy Kumar	1852		No	No	No	No

		Mukherjee Sushil Kumar Dhara Vattacharja Chandan						
The site of the old School building of Kalyanchak Gourmohan Institution (H.S.)	Kalyanchak	This location had been used by the freedom fighter for their secret activities	1926	Nandakumar	No	Cyclone	No	No

### Disaster Management Vulnerability

Name of Block	If Prone to flood mention no of people in vulnerable Zone	If vulnerable to cyclone mention no of people likely to be affected	If vulnerable to Tsunami mention no of people likely to be affected	If vulnerable to Landslide, mention no of people likely to be affected	If vulnerable to Chemical/ Industrial disaster, mention no of people likely to be affected	People likely to be affected by other disaster, if any (Mention disaster & no. of people)	Total Number of people given in columns 2 to 7	Earthquake Vulnerability Zone
Nandakumar	5000	2500	Nil	Nil	Nil	i)100(Approx) River bank Erosion ii)500(approx) Road Accident/Year	8100(approx)	Seismic Zone-III
Moyna	10000	3500	Nil	Nil	Nil	1)Road Accident-300(Approx)/Year	13800	Seismic Zone-III
Tamluk	3500	1500	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	5200	Seismic Zone-III
Sahid matangini	5000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)	6200	Seismic Zone-III
Panskura – I	40,000	10000	Nil	Nil	Nil	1)River Bank Erosion-1000 2)Road Accident-200(Approx)/Year 3)Rail Accident - 300/Year	51500	Seismic Zone-III
Panskura –II	35000	2000	Nil	Nil	Nil	1)River Bank Erosion-10002)Industrial - 20003)Road Accident-200(Approx)/Years4)Rail Accident-100	40300	Seismic Zone-III
Chandipur	7500	1500	Nil	Nil	Nil	1)Road Accident-200(Approx)	9200	Seismic Zone-III
Mahisadal	7500	2000	Nil	Nil	Nil	1)Road Accident-200(Approx)	9700	Seismic Zone-III
Nandigram - I	4000	12000	Nil	Nil	Nil	1)Road Accident-200(Approx)	16200	Seismic Zone-III
Nandigram – II	1500	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)	2700	Seismic Zone-III
Sutahata	5000	2000	Nil	Nil	Nil	1)Road Accident-200(Approx)/Year	7200	Seismic Zone-III
Haldia	5000	1000	Nil	Nil	15000	1)Road Accident-200(Approx)/Year	2300	Seismic Zone-III
Contai –I	1500	15000	25000	Nil	Nil	1)Road Accident-300(Approx)/Year	41800	Seismic Zone-III
Deshapran	1500	15000	25000	Nil	Nil	1)Road Accident-300(Approx)	41800	Seismic Zone-III

Contai- III	1000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)	2200	Seismic Zone-III
Khejuri – I	2000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/Year	3200	Seismic Zone-III
Khejuri – II	3000	15000	25000	Nil	Nil	1)Road Accident-200(Approx)/year	43200	Seismic Zone-III
Ramnagar – I	5000	25000	35000	Not any Previous incident	Not any Previous incident	1.1000 approx., Hail storm in the year, 20172. Road Accident-200(Approx)/year	66200	Seismic Zone-III
Ramnagar –II	2000	15000	20000	Nil	Nil	1)Road Accident-200(Approx)/year	37200	Seismic Zone-III
Bhagawanpur- II	1000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	2200	Seismic Zone-III
Bhagawanpur – I	1000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	2200	Seismic Zone-III
Egra – I	1000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	2200	Seismic Zone-III
Egra – II	1000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	2200	Seismic Zone-III
Pataspur - I	10000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	11200	Seismic Zone-III
Pataspur – II	5000	1000	Nil	Nil	Nil	1)Road Accident-200(Approx)/year	6200	Seismic Zone-III

### Disaster Management Vulnerability

Name of Block	Priority ranking as per vulnerability to Multiple disaster	Flood Shelter/ Cyclone Shelter	Year of Construction	How many persons can be accommodated?	Number & Name of villages tagged with this shelter	Total tagged population	Difference between tagged population & capacity of Shelter, if any	Remarks
Nandakumar	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Babalpur flood shelter	2019	1000	i)Babalpur ii)Piyajberia iii)Bargoda	7990	6990	At least another flood shelter is required
Moyna	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	there are 04 flood shelter but not in useable condition.		NA	NA	NA	NA	Immediately repairing to be needed

Tamluk	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Chakgar upota	2019	1000	1)Srirampur-I 2)Chakgarupota 3)kutkutia 4)Purbacharandas Chak 5)Ranichak	10,000	9000	
Sahid matangi ni	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required
Panskura – I	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	there are 03 flood shelter but not in useable condition.	1978	NA	NA	NA	NA	Immediately repairing to be needed
Panskura –II	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Kolaghat BDO	2004-05	1000	1. Deinan,2. Babua,3.Kaurchandi, 4. Kola,5.Barisha, 6.Barbarisha,7.Kukhabarh,8.Kharisha,9. Gopalchak,10.Kurkalash,11.Arora,12.Paikpuri	12000	1100	At least another flood shelter is to be required
Chandipur	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	1)Kandapasara 2)Dhanyashree K.C High School	1)2004-05 2)2019	1)1000 2)1000	1)05 Villages 2)07 villages	1)3000 2)5000	1)2000 2)4000	At least one flood shelter to be required
Mahisdal	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	1)Mayachhar School(Banvasi Abasan)	2)2018	1)1000	Mayachhar	1000	Nil	At least one flood shelter to be required

Nandigram - I	1.Cyclone 2.Flood 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	01 flood shelter and 01 MPCS is urgently needed.
Nandigram - II	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required
Sutahata	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required
Haldia	1.Industrial Hazard 2.Flood 3.Cyclone 4.Earthquake 5.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required

Contai – I	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	MPCS- 1)Ranibasan MPCS 2)Dakshin Rania MPCS 3)Haipur MPCS 4)Biramput Primary School Ground 5)Baguran Jalpai 6) Cenchuraput Primary School Ground 7)Sabajput G. P. Ground 8) Badalpur Primary School Ground 9) Samudrapur Primary School Ground 10) Daudpur Primary School 11) Mahishagote S. S. Vidyamandir Ground 12) Pichhaboni High School Ground	1)2015 2)2016 3)2016 4) 2019 5)2019 6) 2019 7)2019 8)2019 9)2019 10)2019 11)2019 12)2019	1)500 2) 500 3)500 4) 1200 5)1200 6)1200 7)1200 8) 1200 9) 1200 10)1200 11) 1200 12)1200	1)Mukundapur, Majna, Tajpur, Dulalpur, Ranibasan 2) Tegunia, Pania, Alipur, Raktia, Era Gobindapur 3) 4) Birampur, Karput, Rangmalapur, Junput 5) Rasulpur, Raghusardarbar, Saratpur, Raghusardarbar Jalpai, Haripur 6) Panipia, Karanji, Boksospur, Chenchuraput 7) Samudrapur Jalpai, Samudrapur, Paschim Gobindapur 8) Badalpur, Lachhanpur, Satberia 9) Samudrapur Jalpai, Samudrapur, Paschim Gobindapur 10) PAR bar, Daudpur, D. P. Gopalsibar 11) Bahalia, Mohisagote, Sarisaberia, Sahajadpur 12) Nimdasbar, Ratanpur, Purba Badalpur, Surghani, Paschim Rasulpur	1)5500 2)5500 3)5500 4) 6000 5) 6000 6) 6000 7)5000 8)7000 9)6000 10) 6000 11) 6000 12)7000	1) 5000 2) 5000 3) 5000 4) 4800 5)4800 6)4800 7) 38008)5800 9)4800 10)4800 11)4800 12)5800	
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Deshapran	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	MPCS-1) Bankiput High School Ground 2) Dariapur Primary School Ground 3) Shyamchak Primary School 4) Uttar Haraschak Sorojani Sikshya Niketan Ground 5) Jhawan Panchan Primary School Ground 6) Amtalia MPCS 7) Purba Mukundapur MPCS 8) Mahisamunda MPCS,	1)2019 2)2019 3)2019 4)2019 5)2019 6)2014 7) 2015 8) 2016	1) 1200 2) 1200 3) 1200 4) 1200 5) 1200 6) 500 7) 500 8) 500	1 ) 05 2) 05 3 ) 05 4) 05 5) 05 6) 04 7) 004 8) 04	1) 1500 2) 1500 3)1500 4)1500 5) 1500 6)1500 7) 1000 8) 1000	1) 300 2) 300 3) 300 4) 300 5) 300 6) 1000 7) 500 8) 500	
Contai-III	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required
Khejuri-I	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required

Khejuri – II	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	MPCS-1)Panchuria MPCS 2)Owachilchak MPCS 3)Ram Krishna Saraswati Junior Basic Primary School 4) Battallya Primary School 5) Vested Land in Kayalchak 6) Shillyaberia R. H. C. 7) Sathkandanda Saheb Nagar Jr. Basic Primary School 8) Khejuri Irrigation Bunglow	1) 2015 2) 2015 3) 2019 4) 2019 5) 2019 6) 2019 7) 2019 8) 2019	1)500 2)500 3)1200 4)1200 5)1200 6)1200 7)1200 8)1200	1 ) 05 2) 05 3 ) 05 4) 05 5) 05 6) 04 7) 004 8) 04	1) 1500 2) 1500 3)1500 4)1500 5) 1500 6)1500 7) 1500 8) 1500	1) 1000 2) 1000 3)300 4)300 5) 300 6)300 7) 300 8) 300	
Ramnagar – I	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	MPCS- i)Ujan ii)Udvas iii)Swayangsiddha iv)Ratanpur MPCS v)Padima MPCS vi)Mandala MPCS vii)Dakshin Simulia MPCS viii)Haldia-II MPCS ix)Chandpur MPCS x)Jaldha MPCS xi)Talgachhari MPCS	i)2009 ii)2009 iii)2009 iv)2015 v)2018 vi)Under Construction vii)2018 viii)2015 ix)Under Construction x)2019 xi)2015	i)400 ii)400 iii)400 iv)1200 v)1200 vi)1200 vii)1200 viii)1200 ix)1200 x)1200 xi)1200	i)Billamria ii)Dakshin Balarampur, Shankarpur iii)Talgachhari iv)Ratanpur, Jatimati, Bhagibramhapur v)Padima, Duttapur, Paschim vi)Gadadharpur vii)Mandala, Mirjapur, Bansbani viii)Dakshin Shimulia, Medinipur, Kashipur, Paya, Bil-Amria, Saripur ix)Dihibirkul, Arjuni, Sadikpur, Sadihat x)Chandpur, Kshirpal xi)Jaldha, Saiyadpur, Bagpura, Basulipat	i)2000 ii)2000 iii)2000 iv)2300 v)2900 vi)2900 vii)2600 viii)3800 ix)2700 x)2000 xi)3000	i)1600 ii)1600 iii)1600 iv)1100 v)1700 vi)1700 vii)1400 viii)2600 ix)1500 x)800 xi)1800	Personnel building and accommodation are available to minimize the mentioned gap.



Ramnagar –II	1. Cyclone 2. Tsunami 3. Flood 4. Earthquake 5. Road Accident	MPCS- 1)Mandermoni 2) Dakshin Purusottampur 3)Uttar Sitala MPCS 4)Kandarpapur MPCS 5) Purba Karanjee MPCS 6) Balisai Kanya Vidyalaya MPCS	1) 2019 2) 2019 3) 2015 4)2015 5)2015 6)2018	1)1200 2) 1200 3) 500 4) 500 5) 500 6) 500	1)05 2) 05 3) 05 4) 05 5) 05 6) 05	1)2200 2) 1800 3) 1000 4) 100 5) 100 6) 100	1)1000 2) 600 3) 5000 4) 500 5) 500 6) 500	
Bhagwanpur-II	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Flood Shelter - 1) Kumjapara 2) Bhoslageria	2004-05	1)1000 2) 1000	1)05 2) 07	1)2500 2) 1500	1)1500 2) 500	At least another flood shelter is to be required
Bhagwanpur – I	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Flood Shelter - 1)Bhagwanpur -I Panchayet Samity	2004-05	1000	6	3000	2000	At least another flood shelter is to be required
Egra – I	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required
Egra – II	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthquake 6.Tsunami	Nil	NA	NA	NA	NA	NA	At least one flood shelter to be required

Pataspu r - I	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthqu ake 6.Tsunam i	Flood Shelter - 1)Harida spur 2)Kharan 3)Talchit kini	2004- 05	1) 1000 2) 1000 3) 1000	1) 07 2) 03 3) 05	1) 2000 2) 2000 3) 2000	1) 1000 2) 1000 3) 1000	one more flood shelter is to be required
Pataspu r - II	1.Flood 2.Cyclone 3.Road Accident 4.River Bank Erosion 5.Earthqu ake 6.Tsunam i	Flood Shelter1) Pratapdi ghi	2004- 05	1000	5	3000	2000	one more flood shelter is to be required

### Crowd Management Plan:

Crowd Management Plan				
Large crowd Events	location	Estimated Crowd as per past year record	Organizing Body	Resources deployment by district administratin
Ola Bibi Mela (5 days)	Moyna	10000	Block & Panchayet Administration	Police & volunteers engaged
Moyna Ras Mela		20000	Block & Panchayet Administration	Police, volunteers and Apada Mitra volunteers engaged with fire safety measured
Dol Utsab		20000	Block & Panchayet Administration	Police & volunteers engaged
Akshaytritityr Mela	Sahid matangini	11000	Block & Panchayet Administration	Police,Civic Volunteers & fire control
Khudiram Janmatsov Mela	Haldia(Municipality)	20,000	Municipality	All safety measures are taken Police,Fire
Haldia Trade Fair		50,000	Municipality	All safety measures are taken Police,Fire
Najrul Mela		70,000-80,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Kalipuja	Contai –I	90,000-1,00,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Basanta Utsab		70,000-90,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed

Ganga Mela		50,000-60,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Ganga Mela		35,000-40,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Ganga Mela		20,000-25,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Ratanti Kalipuja		15,000-20,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Ganga Mela		25,000-30,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Rakha Kali Mela		25,000-30,000	Block & Panchayet Administration	Police personnel , Civic Volunteers, ANM deployed
Deshapran Mela		10,000/day	Block & Panchayet Administration	Fire safety, Police arrangement to maintain law & order, Volunteers
Durga Puja Bisarjani Mela		10,000	Block & Panchayet Administration	Fire safety, Police arrangement to maintain law & order, Volunteers
Laxmi Puja Bisarjani Mela		15,000	Block & Panchayet Administration	Fire safety, Police arrangement to maintain law & order, Volunteers
Saraswati Puja Bisarjani Mela		10,000	Block & Panchayet Administration	Fire safety, Police arrangement to maintain law & order, Volunteers
Rath Jatra	Contai- III	10,000	Block & Panchayet Administration	Police personnel of Marishda P.S. & Civic Volunteers.
Tufan Gazi Mela		1-1.5 lakh per day	Block & Panchayet Administration	police personnel, Volunteers
Hijli Sarif Mela	Khejuri – II	5 lakhs	Block & Panchayet Administration	police personnel, Volunteers
Sankranti Mela		50,000	Block & Panchayet Administration	Additional security arrangement done, CD volunteers engagement required.
Milan Mela		10000	Block & Panchayet Administration	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
Bibekananda Mela	Bhagawanpur-II	15000	Block & Panchayet Administration	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement

Ragar Mela		10000	Block & Panchayet Administration	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
Madhabpur Mela		10000	Block & Panchayet Administration	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement
Vim Mela		15000	Block & Panchayet Administration	Fire safety mesurement, Security Mesurement, CD Volunteer, First aid mesurement

## Industrial Disaster Management Plan

### Hazard, Vulnerability, Capacity and Risk Assessment

Hazard Risk Vulnerability and Capacity Assessment(HRVCA) is one of the important and integral parts for disaster risk reduction(DRR).The objective of a HRVCA is primarily to anticipate the potential problems and possible solutions to help to save lives,protect property,assets,reduce damage and facilitate a speedy recovery.It is worthwhile to mention that HRVCA is a means towards becoming disaster resilient and is not an end in itself.Use of HRVCA helps the policy makers,administrators and the community to make risk based choices to address vulnerabilities,mitigate hazards and prepare for response to and recovery from disasters events.

#### 2.1-Haldia Industrial Belt

Physical Feature						
Geographical Location	<ul style="list-style-type: none"> <li>Haldia is an existing industrial based is located 56 nautical mile downstream of Kolkata port the gateway of eastern India in the southern tip of Purba Medinipur district in West Bengal.It is located in estuarine reaches of the river Bhagirathi and the confluence of river Hoogly and river Haldi.The town Haldia lies between Latitude 22°03'43''N to 22°04'53''N and Longitude 88°07'53''E to 88°09'4''E.Haldia town or Haldia Municipality lies on the southern tip of the planning area extending over the interflaves of Haldi and Hoogly river.</li> </ul>					
Total Area	350 Sq KM					
Administrative Division	Sub-Div	Police Station	CD Block	Municipality	Panchayet	Mouza
	Haldia	8	5	1	38	466
Rivers	Haldi & Hooghly					
Towns	Haldia Township					
Topography	Topographically, the district can be divided into two parts viz. (i) Flat plains on the East, West and Northern portion of the district, and (ii) The Contai Coastal plain at the Southern part. The land of Purba Medinipur district is a quaternary alluvial deposition. As the district area is bounded by water bodies in two sides, it is a formation of fluvial-tidal deposition. Geologically the area is of recent origin. This region is 5-7 meters above mean Sea level and average slope is 0-5 degree					
Soil Type	The soil of the district is alluvial type, as the district under coastal alluvium and its deposition. Soil of this region consists of different layers like sand, silt and clay. The district is situated on flood plains of the rivers Hooghly and river Haldi and therefore huge amount of clay is dominating in soil texture. Due to this specialty of soil, water logging in this region during monsoon is very common. Due to poor permeability, the soils are imperfect to poorly drain. Due to this physical quality of the soils, land use pattern of the area is also affected to a larger					

	extent.
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Demographic Feature( As Per Census 2011)											
Total population of Haldia Industrial Belt	200827										
Male	104841										
Female	95986										
Schedule Caste Population	36946										
Schedule Tribe Population	1560										
Literacy	Total- 158380 Male- 87334 Female- 71046										
Language	Bengali										
Education	Sub-Div	Primary School		High School		Higher Secondary school		College/Unv		Professional Institute	
		Institute	Student	Institute	Student	Institute	Student	Institute	Student	Institute	Student
	Haldia	557	43,173	54	36,767	77	83,659	5	9,792	16	6256
Health Facilities	Sub-Div	Health & Family welfare Department				NGO/Private Nurshing Home					
		Hospital	Rural Hospital	Block Primary Health Centre	Primary Health Centre						
	Haldia	1	2	3	10	19					

### Characteristic of Haldia:

#### ➤ Geographical location:

Haldia is an existing industrial based is located 56 nautical mile downstream of Kolkata port the gateway of eastern India in the southern tip of Purba Medinipur district in West Bengal.It is located in estuarine reaches of the river Bhagirathi and the confluence of river Hoogly and river Haldi.The town Haldia lies between Latitude 22°03'43''N to 22°04'53''N and Longitude 88°07'53''E to 88°09'4''E.Haldia town or Haldia Municipality lies on the

southern tip of the planning area extending over the interfluves of Haldi and Hoogly river.

### ➤ **Historical Background :**

Development of Haldia urban industrial complex is traced back to the development of Haldia Dock Complex. Founded in 1959, Haldia Urban Industrial complex has developed due to setting up of Haldia Dock Complex as a subsidiary trade port for Kolkata, intended mainly for bulk cargoes. Haldia Dock as an adjunct to Kolkata Port started its functioning since 1968 and picked up its activities with the commissioning of Haldia Dock Complex in 1977. Haldia industrial complex is basically port based. The industrial city has several factories including South Asian Petrochemicals Limited, Indian Oil Corporation Limited (IOCL) Exide, Shaw Wallace, Tata Chemicals, Petrochemical Complex (Haldia Petrochemical) and Hindustan Lever, in addition to various light industries. The port has attracted factories of foreign companies, like Mitsubishi Chemical Company (MCC). Indian Oil Refinery, Haldia Petrochemical Project and Mitsubishi PTA plant are the industrial nucleus of Haldia. A large number of companies are also being set up. The Haldia Petrochemicals is the second largest project of such kind in India. During 1991 to 2004 about Rs. 10,000/- crore was invested in Haldia complex, which accounted for 36 per cent of total investment in West Bengal.

Haldia is fast emerging as a very important industrial destination not only in West Bengal but also in the whole of eastern India. With about 400 industrial units, Haldia has an estimated investment of over Rs. 112 billion and currently provides direct employment to about 12000 persons and indirect employment to over 50000 persons. Due to downstream and logistic requirements there is huge number of manpower engaged in related activities like truck, trailer and tankers movement. Haldia is in the process of being transformed into the most coveted industrial destination in eastern India, and also the “gateway to south-east Asia.” In order to achieve and sustain this position, Haldia Development Authority (HDA), the nodal development agency of the region has been working towards development to world-class infrastructure facilities. The map of Haldia Dock Complex, industrial complex and overall municipal town area is shown in the page that follows. Haldia is one of the fast growing urban industrial complexes experiencing above 5 per cent annual growth of population and above 6 per cent overall annual growth of workers (male 5.98 per cent and female 14.12 per cent) during 1991 to 2001 having drawn about 39 per cent of industrial investment in West Bengal the era of liberalization, privatization and globalization. Development of Haldia urban complex has been accelerated.

In 1991, Haldia’s population was 1.0 lakh as per Census of India and in 2001 it had a population of 1.71 lakh, males constituting 53% of the population and females 47%. In the city, 13% of the population was under 6 years of age in 2001. Haldia had an average literacy rate of 82.1%, higher than 80.2%, the literacy rate of the whole of Purba Medinipur district, male literacy being 90.0% and female literacy 73.2%.

The Haldia Township is bordered by the Haldi River, an offshoot of the Ganges River. The riverside in Haldia is a favorite destination for residents and one can see people strolling down the riverside during the evenings.

Haldia is also a base of Indian Coast guard. There is a hover-port to house two of the six hovercrafts belonging to the Indian Coast Guard.

Haldia Development Authority provides the necessary infrastructure for industrial and urban development, which includes land acquisition, development of physical infrastructure, housing, transport, water for domestic and industrial purpose, electricity,

drainage and solid waste disposal facilities and provide social infrastructure like educational institution, health facilities, recreation and amenities, commercial centers. With the Policy of the Central and State Government and initiatives by the local stake holders, Haldia has emerged as one of the rapidly growing Urban-Industrial centre of the country.

### **Hazard Assessment:**

#### **Nature and definition of Industrial hazard :**

The industrial or technological hazard may be define as the interaction among the technology,society & environment.The term technological hazard has been widely interpreted.Thus the technology itself a range from a single toxic chemical to entire industry such as nuclear power.The degree of human involvement is also varies.

#### **Classification of Industrial Hazard:**

In order to understand the range and diversity of Industrial Hazard it is useful to classify them as follows:

#### **Classification of Industrial Hazard(Technological Hazard)**

Class	Example
Multiple Extreme Hazard	Nuclear radiation, terrorist attacks ,Explosion,Fire
Extreme Hazard	
Persistent teratogens	Uranium mining, rubber manufacturer
Rare catastrophe	LNG,air plane crashes
Common killer	Coal mining,fossil fuel

### **Sources of Chemical Disasters:**

#### **Chemical disaster may originate in :**

- ✓ Manufacturing and formulation installations including during commissioning and process operations; maintenance and disposal
- ✓ Material handling and storage in manufacturing facilities, and isolated storages; warehouses and godowns including tank farms in ports and docks and fuel depots.
- ✓ Transportation (road, rail, air, water, and pipelines).

### **Type of Chemical Disaster:**

Fire explosion toxic releases are the different type of action which can be considered for industrial hazard.

#### **A) Fire:**

There are essentially five types of fires associated with hazardous materials discharge.

##### **1) Flame Jet:**

The gas discharging or venting from the whole will from a gas jet that's blows into the atmosphere in the direction the whole is facing while entering and mixing with air.If the gas is flammable and an encounter of ignition source.Such jet pose a thermal radiation hazard

To nearby people and property and are particularly hazardous if they impinging upon the exterior of nearby intact containing flammable,volatile or self – reactive hazardous materials.

##### **2) Vapour or dust cloud fire :**

Vapour evolved from a pool volatile liquid or a pool volatile liquid or gas venting out from a punctured or otherwise damaged container,if not ignited immediately from a plume or cloud of gas or vapor move into down wind direction.



**3) Liquid Pool Fire:**

A liquid pool fire define as a fire involving of quantity of liquid fuel such as gasoline spill on the surface of the land or water. There have been cases where such fire have ignited others combustible materials in the area or have caused BLEVEs (Boiling Liquid Expanding Vapour Explosion) of container subjected to the flame.

**4) Fire involving flammable Solid:**

Flammable solid are define as any solid materials other than one classed other than explosive which under condition of normal transportation is liable to causes fire.

**5) Fire involving ordinary combustible:**

Some hazardous materials including some of the flammable solids burn with no special hazard beyond those associated with paper, wood and other common materials of everyday life.

**B) Explosion:**

An explosion is sudden increase of volume and release of energy in violent manner. An explosion causes pressure wave local medium in which it occurs. Chemical explosion may two types- Thermal and non-thermal. There are many types of chemical explosion they are as fallows:

**1) Tank over pressurization explosion:**

These events are a result of excessive pressure within a sealed tank or container are deemed non thermal explosion.

**2) Dust explosion:**

An explosion result from the ignition of mixture of combustible solids and air.

**3) Gas or vapour explosion:**

These event occurred when the fuel-air mixed with confined, partially confined or unconfined, but the confinement of a mixture most definitely increase the probability of significant personal injury or property damages.

**4) Condensed phase explosion :**

When the substance that explodes or detonates is a liquid or a solid the event is often is a called a condensed phase explosion.

**5) Boiling Liquid Expanding Vapour Explosion (BLEVE):**

BLEVE occur of sudden release of large mass of pressurized liquid to the atmosphere resulting from a external flame impinging on the shell of vessels above the liquid levels and weakening the shell with a sudden rupture.

**C) Toxic Release:**

Release of toxic gases in the environment due to some failure is called toxic release.

**D) Environmental Damage:**

As well as having the potential for causing injury, loss of life and damage to property, the hazards of fire, explosion and toxic releases may pose a severe threat to the environment. Release of other substances, not directly toxic to humans can cause major pollution problems. It is becoming increasingly recognized that damage to natural resources such as plant and animal life can have serious long term consequences. E.g. destruction of trees is increasing the effect of global warming and extinction of animals are severely disrupting food webs and causing an increase in pests.

**Chemical Disaster may be resulted from**

✓ Fire

- ✓ Explosion
- ✓ Toxic release
- ✓ Poisoning
- ✓ Combination of the above.

### Initiators of Chemical Accidents

A number of factors including human errors could spark off chemical accidents with the potential to become chemical disasters. These are:

### Process and Safety System Failures

- Technical errors: design defects, fatigue, metal failure, corrosion etc.
- Human errors: neglecting safety instruction, deviating from specified procedure etc.
- Lack of information: absence of emergency warning procedure, non disclosure of line of treatment etc.
- Organisational errors: poor emergency planning and coordination, poor communication with public non-compliance with mock drills/exercises etc., which are required for ensuring a state of quick response and preparedness

### Natural Calamities:

The Indian Sub-continent is highly prone to natural disasters, which can also trigger chemical disasters. Damage to phosphoric acid sludge containment during the Orissa super cyclone in 1999 and the release of acrylonitrile at Kandla Port, during an earthquake in 2001, are some of the recent examples.

### List of Hazardous Industry under Purba Medinipur District

Sl No	Name of Industry	Full Address including Police Station	Location		Chemical used & volume stored	Details of adjacent areas	
			Latitude	Longitude		Mouza /wards	Population within 200mt including local people & employee of industry)
1	Bharat Petroleum Corporation Ltd.	BPCL Haldia Coastal Installation, Patikhali Industrial zone, PO: Durgachak, Haldia, West bengal, Pin 721602	22.059834	88.135045	HSD, MS, SKO, Furnace Oil, Light Diesel Oil ( 99695 KL)	Bijoyramchak	35
2	Exide Industries Ltd.,						
3	Haldia Petro Chemicals Ltd.	P.O Box No. 12, Durgachak, Haldia, Dist- Purba Medinipur, State- W.B. Pin -721602	22.0617	88.1218	Naptha(473548MT), FGN(5800MT), Diesel(57.3KL), Hexane(468MT), RPG(115263MT), Benzene Heart Cut(45500MT), Benzene(30341MT), C6 Rafinate(13894MT), HPG(38662MT), Cyclopentane(1267MT), CBFS(15863MT), LPG(7328MT), Butene 1(4990MT), MTBE(19448MT), Ethylene(153937MT), Propylene(81738MT), Butadiene(19466MT), C4 Rafinate(24342MT), C4 Mix(46919MT), Caustic(779Mt), Chlorine(29449Kg), H2so4(877MT), TEAL(74529Kg), Methanol(7034MT), Propane(3327MT), Hydrogen(3311MT)	Jadavchak , Paranchak	

4	Hindustan Petroleum Corporation Ltd,	Hindustan Petroleum Corporation Limited, Haldia Terminal, Brindabanchak-Durgachak, Haldia. District: Purba Medinipur, Pin-721602	20.069589	88.153848	Motor Spirit: 5500 KL High Speed Diesel: 30045 KL Superior Kerosene Oil: 8045 KL Furnace Oil: 15000 KL Biodiesel: 115 KL Denatured Ethanol: 185 KL	Brindaban chak, Kumarchak	Local People(Kumarchak Village): Approx 250 No housing of company within 200 mtrs
5	Indian Oil Corporation Ltd.(MD),	<b>Haldia Terminal-B</b> , Indian Oil Corporation Ltd. (Mkt.Divn.), River Ring Road, Radhamadhab Chak, P.O.- Khanjanchak,P.S : Durgachak, Dist.: Purba Medinipur, Haldia, West Bengal - 721602	22.072445	88.159457	Motor Spirit(MS BSIV)- 3620KL High Speed Diesel(HSD BSIV)- 14000 KL Superior Kerosene oil(SKO)- 3500 KL	ward No. 07, Radhamadhabchak	300
6	Indian Oil Petronas Ltd.,	INDIANOIL PETRONAS PVT. LTD LPG IMPORT /EXPORT TERMINALKASBERIA ,P.O. KHANJANCHAK, HALDIA-721602.P.S.- BHAWANIPUR	88 °06'EAST	22°05' NORTH	Propane-16139MT;Butane-16470MT	14 no ward	1200
7	Indian Oil Corporation Ltd.,Haldia Refinery	Indian Oil Corporation Ltd.,Haldia Refinery PO-Haldia Refinery PS-Chiranjibpur Dist-Purba Medinipur West Bengal Pin-721606	22° 03'18.80"N to 22°02'01.60" N	88° 06'55.45"E to 88° 05'54.81"E	Licensed Storage capacity: Class A petroleum products=526700 KL, Class B petroleum products=287540 KL, Class C petroleum products= 88000KL, Excluded petroleum products=367825 KL, LPG and Propane=10950 22.72 KL, Chlorine=22.72 MT (max), Furfural= 232 Mt (max),Sulphuric Acid = 500 MT (max).	nearby villages w.r.t Haldia Refinery: Khanjan chak, Durgachak, Paran Chak, Debhog, Kishorepur, Hatiberia, Tentulberia, Baishnab chak, Chiranjibpur, Srishoram chak, Bisuram chak, Pathi kali, Sautan chak, Dakshinarani chak, Bardhanya ghata, Nandikishore.	10,000 (Approx) Majority are employees and contract workers & workers of other industries
8	Indian Oil Corporation Ltd. (Marketing Division).	<b>Haldia Terminal-A</b> , Indian Oil Corporation Ltd. (Mkt.Divn.), P.O.- Haldia Oil Refinery, Dist.: Purba Medinipur, Haldia, West Bengal - 721606.	22.042751	88.100545	Motor Spirit(MS BSIV)- 24961 KL High Speed Diesel(HSD BSIV)- 53868 KL Superior Kerosene oil(SKO)- 33263KL, Naptha-38127 KL, Furnace Oil- 12309 KL, High Flash Disel- 20975 KL.	JL-233	1000 (Mostly at IOCL Haldia Refinery)
9	Indian Oil Corporation Ltd., Paradip Haldia Barauni Pipeline (PHBPL)	Indian Oil Corporation Limited, PHBPL HALDIA, Village Kasberia P.O. : Khanjanchak District : Purba Medinipur (West Bengal) Pin:- 721602  Police Station: Bhawanipur	22°04'48.1"N	88°06'39.2" E	Crude Oil - 480000 KL  LPG - 2000 MT	146/14, Kashberia	500
10	MCPI Private Limited	<b>Plot No.</b> - 1075 to 1131, 1381 to 1399 <b>Vill &amp; PO</b> - Bhuniaraichak	22 04 '53.12"N	88°10'2.86'E	Paraxylene- used: 79860MT/M KL, Stored: 721930KL, Acetic Acid- Used 4260/M, Stored: 1500KL	Mouza: 122, 128, 121, 129. ward no-	

		<b>Police stn-</b> Durgachak, Pin-721635,Dist-Medinapore(E) West Bengal			Methnol-Used:307KL/M, Stored:366KL. NBA-Used: 56KL/M, 260KL CAUSTIC SODA-Used: 1804T/M,Stored:424 DIESEL-Used:169KL/M,Stored 167KL FUEL OIL-Used 4613KL/M, Stored 4576KL HYDROBROMIC ACID-Used:156T/M,Store: 368T OXYNON-Used-3T, Stored-10T SULPHURIC ACID-90KL, Stored:42KL	05	
11	Tata Chemicals Ltd.	IRC Agrochemicals Private Limited. PO + PS: Durgachak , Haldia Dist : Purba Medinipur, West Bengal Pin : 721602	22° 3' 38" North	88° 6' 35" East		Word no. 7	Employee- 1254
12	IMC Ltd., (Formerly United Storage & Tank Terminal Ltd.)	IMC LTD, PATIKHALI TERMINAL, OPPOSITE TO BPCL TERMINAL, PATIKHALI, HALIDIA, PS -DURGACHAK, WB-721602	88.06°E	22.03°N	Light Crude Oil & Volume: 33000KL (received & handled whenever there is a shipment)	WARD NO.-12	Around 400
13	Reliance Industries Limited,	HPL Link Road Village- Tentulberia. P.O- Debhog. P.S- Bhawanipur, Purba Medinipur. West Bengal - 721657	22.070000	88.099389	HSD : 67877 KL MS : 23330 KL	Tentulberia	Approx. 200
14	Sanjana Cryogenic Storages Ltd.,	Riverside Ring Road Behind IRC Agrochemicals Ltd, Durgachak, Haldia , Purba Medinipur - 721602	22° 03' 38" (N)	88° 09' 01" (E)	Anhydrous Ammonia	E: Kumarchack, W: IWAI, N: IRC Agrochemicals, S: Hoogly River	500 Persons are available during Office Hours.
15	UPL Limited ( Durgachak ,Haldia) Earlier it was Swal Corporation Ltd.	Vill- Durgachak, Haldia PO - Durgachak, PS - Durgachak, Dist - Purba Medinipur,Pin 721602	22.075838	88.13645	1. HCl - 5-7 MT 2. Na Methoxide - 10 MT 3. Dimethayl Carbonate- 12 MT 4. Methanol - 10 MT 5. Diesel - 5 KL 6. Coal - 10 MT 7. Sulfanilamide - 5 MT 8. 37% Formaldihyde -5 MT 9. Di ethyl Phosphite - 5 MT 10. Toluene - 2 MT	MOUZA - Durgachak	It is situated at industrial zone. few nos of slums are within 200 Meter.
16	Hiranmaye Energy Limited, (Formerly known as India Power Corporation Haldia Limited,	Vill- Kasbere, P.O.- Shivramnagar, P.S.- Bhabanipore, Haldia, Purba Medinipore, PIN- 721635	22° 5' 27.52" (N)	88° 6'25.18" (E)	H2SO4, HCl, Hypo,Alum, NaOH,NH3, Cl.	Mouza- Kasbere, Ward no- 14	3000 Persons

## Vulnerability Assessment:

### Improper location of communities:

Communities like Durgachak and Haldia Municipality are located too close to the Point Haldia industrial Zone. If there is an explosion or chemical release, there communities will be severely affected potentially with many deaths and structural damage.

### Poor developmental planning in Point Haldia

Industries in Point Haldia Industrial estate are located in such a way that it is easy for one failure to cause a domino effect •

### **Lack of Knowledge:**

Many persons in the Haldia (M) and primarily persons close to the industrial estate are unaware of the actual dangers they face on a daily basis. Although it has been said many times, persons continue to ignore this because a disaster of catastrophic scale has not occurred before at the estate and companies boast of the low probability of such an incident. From a domestic point of view, person using everyday product like degreasers, disinfectants, bleach, lubricants (WD40, PR40), paints, thinners, acids (concrete cleaner) must be careful as most of these products affect the skin.

### **Lack of mitigation measures:**

From findings it has been proven that the mitigation measures put in place on the estate with respect to the ammonia plants are insufficient. There exists no specialized medical facility to deal with industrial cases.

### **Lack of evacuation expertise**

It was found that the emergency response system at Point Haldia was inadequate to handle industrial emergencies as there were a lack of specialized medical personnel as well as triage equipment and facilities.

### **Transportation risks**

Many chemicals, including flammable hydrocarbons are transported on the roadway alongside other vehicles and pedestrians. This poses a risk of explosion, fire, blast fragments and other harmful injury to bystanders, if an incident was to happen.

### **Risk Reduction Procedure:**

- **Design and Pre-modification review:** this involves proper layout, facilities and material selection. Research should be done try to substitute extremely toxic chemicals with safer ones. Less chemicals should be stored; a reduction in inventory will automatically mean less damage if an accident is to occur.
- **Chemical Risk Assessment:** Chemicals are assessed based on compatibility, flammability, toxicity, explosion hazards and storage.
- **Process Safety Management:** HAZOP studies, reliability assessment of process equipment, incorporating safety trips and interlocks, scrubbing system, etc. should be done before effecting major process changes. Management should try to develop a culture of safety in industrial organizations
- **Safety Audits:** Periodical assessment of safety procedures and practices, performance of safety systems and gadgets along with follow up measures should be carried out.
- **Emergency Planning:** A comprehensive risk analysis indicating the impact of consequences and specific written down and practiced emergency procedures along with suitable facilities should be done. This can be done by communities as well as national or regional corporation authorities
- **Training:** Proper training of employees and protective services should be done.
- Special times and escorts for dangerous vehicles
- **Public Cooperation on the road:** the public should cooperate with the police and any tankers and heavy duty vehicles to avoid accidents and allow for the shortest possible on road time for dangerous vehicles.
- **Public awareness:** Everyone should be aware of potential disasters and informed of protective and safety measures. MSDS sheets should be readily available to the public. Cautions must be placed to stand out on dangerous household and car care products.

**Proper storage of hazardous Materials:** All chemicals and hazardous materials should be kept at proper storage temperature and in locked cupboards away from.

### **Evacuation Plan of Haldia Industrial Zone:**

Sl No	Name of Industry	Full Address including Police Station	Location	Chemical used & volume stored	Details of adjacent areas
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			Latitude	Longitude		Mouza /wards	Population within 200mt including local people & employee of industry)
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4	Hindustan Petroleum Corporation Ltd,	Hindustan Petroleum Corporation Limited, Haldia Terminal, Brindabanchak- Durgachak, Haldia. District: Purba Medinipur, Pin-721602	20.069589	88.153848	Motor Spirit: 5500 KL High Speed Diesel: 30045 KL Superior Kerosene Oil: 8045 KL Furnace Oil: 15000 KL Biodiesel: 115 KL Denatured Ethanol: 185 KL	Brindabanchak, Kumarchak	Local People(Kumarcha Village): Approx 250 No housing of company within 200 mtrs
5	Indian Oil Corporation Ltd.(MD),	<b>Haldia Terminal-B</b> , Indian Oil Corporation Ltd. (Mkt.Divn.), River Ring Road, Radhamadhab Chak, P.O.- Khanjanchak,P.S : Durgachak, Dist.: Purba Medinipur, Haldia, West Bengal - 721602	22.072445	88.159457	Motor Spirit(MS BSIV)- 3620KL High Speed Diesel(HSD BSIV)-14000 KL Superior Kerosene oil(SKO)-3500 KL	ward No. 07, Radhamadhabchak	300
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7	Indian Oil Corporation Ltd.,Haldia Refinery	Indian Oil Corporation Ltd.,Haldia Refinery PO-Haldia Refinery PS-Chiranjibpur Dist-Purba Medinipur West Bengal Pin-721606	22° 03'18.80"N to 22°02'01.60"N	88° 06'55.45"E to 88° 05'54.81"E	Licensed Storage capacity: Class A petroleum products=526700 KL, Class B petroleum products=287540 KL, Class C petroleum products=88000KL, Excluded petroleum products=367825 KL, LPG and Propane=10950 22.72 KL, Chlorine=22.72 MT (max), Furfural= 232 Mt (max),Sulphuric Acid = 500 MT (max).	nearby villages w.r.t Haldia Refinery: Khanjan chak, Durgachak, Paran Chak, Debhog, Kishorepur, Hatiberia, Tentul beria, Baishnab chak, Chiranjibpur, Srishoram chak, Bisuram chak, Pathi kali, Sautan chak, Dakshinarani chak, Bardhanya ghata, Nandi kishore.	10,000 (Approx) Majority are employees and contract workers workers of other industries
8	Indian Oil Corporation Ltd. (Marketing Division).	<b>Haldia Terminal-A</b> , Indian Oil Corporation Ltd. (Mkt.Divn.), P.O.- Haldia Oil Refinery, Dist.: Purba Medinipur, Haldia, West Bengal - 721606.	22.042751	88.100545	Motor Spirit(MS BSIV)-24961 KL High Speed Diesel(HSD BSIV)-53868 KL Superior Kerosene oil(SKO)-33263KL, Naptha-38127 KL, Furnace Oil- 12309 KL, High Flash Disel- 20975 KL.	JL-233	1000 (Mostly at IOCL Haldia Refinery)

Search & Rescue details						Shelter Management Details	
Nearest safe shelter details			Details of Search & Rescue Team			Evacuation Team involving all line department	Shelter Management involving all line department
Shortest Route & Distance from Industry	Name of School /Govt Building	Accommodation Facilities/ Amenities	SUB-Divisional QRT(CDV & Others)	WBF& ES	Support from other industry		
1.5 KM	Haldia Subdivisional Post officer	NA	Internal Search and rescue team available		Mutual aid available with RIL, IOCL A and B and HOCL	Intenral	NA
	Nil	NA	NA	NA	Yes from Mutual Aids	Yes	Yes
					Other Supporting Industries: IOCL, BPCL, Reliance Industries, Indian Oil Petronas Pvt. Ltd.		Sheded, Assembly Point near Main Gate
750 M	Primary School, Alichak	75 man can be accommodated		WBFS, Durgachak Chiranjibpur	HPCL Haldia Terminal, BPCL Terminal, Reliance India Ltd Terminal, IPPL, IOCL, Haldia Installation, MCPI Haldia, Exide Industries Ltd.	Separate Rescue team comprising of employees and Contrsctor worker are available and in operation	Shelter management not available

PHDPL, Haldia, West Bengal 721602	Kasberia primary school.	Swati complex phase - 2, Azad Hind nagar, Hatiberia, Haldia-721607	Contingency plan in line with IPPL's security Management system.	Chirinjipur, Haldia Thana	IOCL, MD terminal-A; IOCL, MD Terminal-B; BPCL haldia installation, Reliance industry LTD haldia Installatio, HPCL Haldia Terminal.	Internal Rescue Management Team <Headed by-SM Finance IPPL>	Communication transport & welfare Service Team <Headed by Asst. Mgr Admin IPPL>
Haldia Township is about 8 kms from Haldia Refinery.	1) Kendriya Vidyalaya-Haldia Township 2) DAV School Haldia Township (Primary, High, HS) 3) Haldia High School, Durgachak 4) Poura Patha Bhavan, Khudiram Nagar, Hatiberia. 5) Assembly of God Church School, Haldia Township 6) Vivekananda Mission School, Anchorage, Haldia Township 7) Haldia Govt College, Ranichak 8) Haldia Law College			WB Fire Service: Chiranjibpur	Mutual Aid agreement with PHBPL, HPL, MCPI,	Within Haldia Refinery A) Fire fighting team: CM (FS)/SM (FS)  B) Rescue, Repair, Salvage Team-1: GM (PJ) /DGM (MN)  c) Rescue, Repair, Salvage Team-2 Coordinator : GM (MN)/ DGM (MN)	
4.0 K.M	Baishnabchak Primary School.	100 man can be accommodated	QRT team of IOCL Haldia refinery CISF	WBFS, Chiranjibpur	HPCL Haldia Terminal, BPCL Terminal, Reliance India Ltd Terminal, IPPL, IOCL, Haldia Terminal-B, IOCL Haldia Refinery.	Separate Rescue team comprising of employees and Contractor worker are available and in operation	Shelter management not available

Emergency Medical Assistance			Name of Contact Person with Mobile No.
Number of Ambulance, Fire tender & Other Equipments available	Medical Team	Transportation	
Ambulance= 1 number	NA	NA	Anindya Sarkar (9556395748)
01 no of Ambulance van, 02 no of fire tender, 01 rescue tender and 1 DCP tender	Yes	Nil	Mr. A.K.Ghosh (EV P & Head-Plant) Mob:- 9434027167
Stationary Fire Engines (425 KL/hr): 7 No Fire Water storage in Above ground tanks: 8500 KL, Also fire water sharing available with IOCL Terminal-B DCP Fire Extinguishers 9/10 KG: 115 No DCP Fire Extinguishers 25 KG: 10 No DCP Fire Extinguishers 75 KG: 10 No		1 No, 5 Seater rented Car	J D Padhi- Chief Terminal Manager: +91-7726044400 Ashish Umrao- Asst. Manager Opns: +91-8959596364



CO2 Fire Ext 4.5 KG: 16 No AFFF(3%) Fixed tanks: 16 KL Fire Hoses(2.5"): 75 No Nozzles: 15 No Fixed HVLR(750/1000 GPM): 2 No Mobile HVLR (2000 GPM): 1 No			
Nil	IOCL, Haldia Refinery Hospital & Sub Divisional hospital, Haldia	Ambulance available at Sub Divisional hospital, Haldia, which is at 5.5 Kms	Location In Charge: Chinmoy Adhikari, DGM(T), Mob: 9434256899. Safety Officer: Tapan Mitra: Mob 8777030787
Yes, Displayed in all import location.	Haldia Seva Sadan; Headed by-Dr. AK Mitra	IPPL Contractors Unnion Ambulance services	CCR Incharge, Ph- 9674164115.
There are 2 ambulance at Haldia Refinery Hospital and 1 no. at First Aid centre in the Refinery. Other fire fighting equipment are Fire tenders=3 nos., DCP Tender= 1 no., Foam Nurser=1 no. Hydraulic Platform(54m )=1 no., Emergency Rescue tender= 1 no.	A) round the clock manned First Aid Centre inside the refinery B) Refinery Hospital at Haldia Township  Doctors : 03+04 ii) Nursing Staff : 06 iii) Pharmacist : 01 iv) X-ray Technician : 01 v) Hospital Attendant (Male) : 04  (Female) : 01 vi) Industrial Hygienist (OHC) : 01 vii) Nurse (OHC) : 01	Transport , Welfare and Administration Team: GM(HR) I/C , DGM(HR)	R Tewari, Mob- 9800229953
Nil	IOCL, Haldia Refinery Hospital & Sub Divisional hospital, Haldia	Ambulance available at Haldia Refinery, IOCL, which is at 800 meters	Location In Charge: Shantanu Gayen, DGM I/C (MC), Mob: 9434035998. Safety Officer: Arindam Saha: Mob 7603087996

# MAP OF MAJOR INDUSTRIES IN HALDIA

