

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Rajpura
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HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Rajpura, Narnound, Hisar

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village Rajpura village is situated in block Narnaund District Hisar. This village is 10 KM far from Narnaund Block and 40 KM from Hisar. The Rajpura village situated at Jind-Hansi road.

b) Village at a glance as under

Name of Village	Rajpura
Name of Patwari	Phool Singh
Name of Village Secretary	Desraj
Contact No. of Village Secretary	9466223728
Name of Panchayat	Rajpura
Name of Sarpanch	Azad
Contact No. of Sarpanch	9991927736
Name of Block	Narnaund
Name of Teshil	Narnaund
Name of Police Post/Station	Narnaund
No. Of house holds	295
Hospitals	-
Schools	Govt. Middle School
Industries	-
Religious Institutions	3

1.2. Population :-

Description	Person	Male	Female
Total Population	1523	817	706
Children	127	75	52
People with disabilities	11	10	01
Elderly/aged	108	66	42
Those who dependent upon specific medication for survival	-	-	-
Transgender	-	-	-

1.3. Temperature and rainfall

The climate is Semiarid and hot which is mainly dry with very hot summer and cold winter except during monsoon. Here experience extreme temperature ranges 5.5-41.6 degree centigrade with severe cold in month of December & January and the month of May & June are of bitter summer. The annual average rainfall in the village is 38.5 mm. About 70 per cent of the annual rainfall is received during period from July to September.

1.4. Agricultural Land and Cropping Pattern

The total agricultural land is 1216 acres. Wheat, rice, jowar, Sarson are major crops grown in the village.

Cropping Pattern at Village						
<i>Sr. No.</i>	<i>Types of Crops cultivated</i>	<i>Area cultivated (Acres)</i>	<i>Duration of Month</i>	<i>Area under Crop Insurance (Yes/No)</i>	<i>Stock facilities (Yes/No)</i>	<i>Others</i>
1	Wheat	1155	5 Month	No	No	No
2	Rice	1180	5 Month	No	No	No
3	Sarso	25	5 Month	No	No	No

1.5. Drinking Water

The main source of drinking water located within premises of Village and supply of drinking water in village as per below:-

<i>Rivers/ canal</i>	<i>Tanks/ pond</i>	<i>Tube wells</i>	<i>Covered Wells</i>	<i>Uncovered Wells</i>	<i>Hand pumps</i>	<i>Water Supply by PHED</i>
1 canal (Chitang canal)	3+1	1	-	-	10	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 70 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go to Narnaund and Hansi.

1.7. Roads and Transport

Condition of road is good within the village. Road from Rajpura to Narnaund is in good shape. For commuting, people prefer autorikshaws and private bus service.

1.8. Infrastructure details

Infrastructural Details at Village				
<i>Sr.</i>	<i>Facilities</i>	<i>Number</i>	<i>Contact Person</i>	<i>Contact Number</i>
1	PHC	No	No	No
2	CHC	1	Jasbir	9466755795
3	Medical Shop	1	Rajbir	9813032128
4	Anganwadi centre	3	Raj Kumari	8053290167
5	ANM	1	Sarswati	9992275575
6	ASHA workers	2	Sheela Devi	8295915671
7	Pvt. Hospital	No	No	No
8	Pvt. Doctors	No	No	No
9	Veterinary doctors	1	Rohit	9466819564
10	Veterinary practitioners	No	No	No
11	Medical practitioners	No	No	No
12	Religious Institution	1		
1	Govt. Primary Schools	1	Suman Rani	9255189677
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		80%	
2	Education		Middle School	
3	Economy of Village		Agriculture	
4	BPL Family		108	
Household Details				
1	Total House Hold		295	
2	Kucha		-	
3	pucca		268	
4	Semi pucca		27	
5	Other critical ESTABLISHMENTS		-	

Chapter 2: Hazard, Risk, Vulnerability, Capacity Assessment

2.1 Hazard: The Hazard Profile of the Village

<i>Hazards (in and around the village)</i>	<i>Hazard Probability (High / Med / Low)</i>	<i>Possible causes</i>
Road Accidents	High	Village situated at State Highway.
Flood	Med	Rain and low laying area
Earthquake	Med	Risk Zonation
Building collapse	High	PHC, Socity Mini Bank
Epidemic / Contagious disease	Med	Due to unhygienic conditions
Fire	Med	Short circuit, Fire in field
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Low	No Industry
Stampede	Low	Due to riots or violence

2.2 Vulnerability Analysis

Vulnerable groups in the village – to different hazards				
<i>Sr.</i>	<i>Name of Hazards</i>	<i>Vulnerable Area</i>	<i>Vulneable Groups</i>	<i>Facilities Affected</i>
1	Flood	All site of Village	1.Old Age, 108 2.Children 127 3.Women, 706 4.Sick Persons, 11 5.Below Poverty Line	1.Drainage , 2.Electricity, 3.Drinking water, 4.Road 5.Communication, 6.Govt Property, 7.Ariculture 8.Animal Losses
2	Fire	Filed Area	Farmers and their dependents	1.Electricity, 2.Crop Damage
3	Epidemics	Flood affected area and nearby	All community of village can be	Medical facilities, transport

4	Snake bite	Flood affected area and nearby	All community of village can be	Medical Facilities, transport
5	Hailstorm		Low possibility	
6	Pest Attack	Agriculture area	Can be in crops.	Crop Failure
7	Heat Wave		Village population	Medical Facilities
8	Cold Wave		Village population	Medical Facilities
9	Road Accidents	Houses Nearby Road	Road locations houses	
Other Vulnerabilities				(Impacts)
1	Social Vulnerabilities	Culture of Village can be affected	Living Pattern, Dress, Food Habits and the employment kind of village will be changed if hazard occurs	
2	Political Vulnerabilities	Political System also affect	Group Clashes, Clashes on Compensation, other interference of local group or parties.	

<i>Details</i>	<i>No. of Household</i>
Household (HH) in low lying areas	45
HH with poorly constructed houses	30
Old aged population (above 65 age)	108
Children below (0-6 age)	127
Women headed households	65
BPL population	108
Landless HH	190
HH (Low income group)	-

2.3 Risk Analysis

<i>Severity</i>	<i>Hazard</i>	<i>Elements at Risk</i>	<i>Vulnerable Areas</i>
High Risk Hazards	Earthquake	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- III i.e. moderate damage risk zone.
	Chemical Accidents	Human Life, cattle life, Environment, etc.	.On Main highway,
	Fires	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land, Human, Cattle
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire village during monsoon.
	Road Accidents	People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals.	School and collage going students.
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village from April to September is vulnerable heat wave and from January to February to cold wave.
	Epidemic	Human Life, animal life	
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Entire village is prone to flood like condition if monsoon fails.
	Frost Thunder storm Hailstorm	Crop, cattle life Human life, crop , Cattle life, Public infrastructure	People with poor housing conditions in the village.
	Terrorist Attack	Crowded places	Places of Worship, <i>Melas</i> etc in the village.

2.4 Community Resources

Name of Facilities	Community Resources		
<i>Particulars</i>	<i>Total no.</i>	<i>Contact Person and Telephone Number</i>	<i>Distance from the Village</i>
Hospital	1	Dr. Yashpal 9729380676	10 KM
Public health centre	1	PHC Thurana 01663-233240	5KM
Dispensaries	1	Rajbir 9813032128	Within village
Veterinary Hospital	1	Dr. Rajesh	Within village
Private Hospital	6	Dr. Yashpal 9729380676	10 KM NND.
OPD Facility	1	CHC Narnaund 01663-233240	10 KM
X Ray Facility	1	CHC Narnaund 01663-233240	10KM
Ambulance service	1	CHC Narnaund 01663-233240/102	10KM
Medicine Shop	1	Rajbir 9813032128	Within village
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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

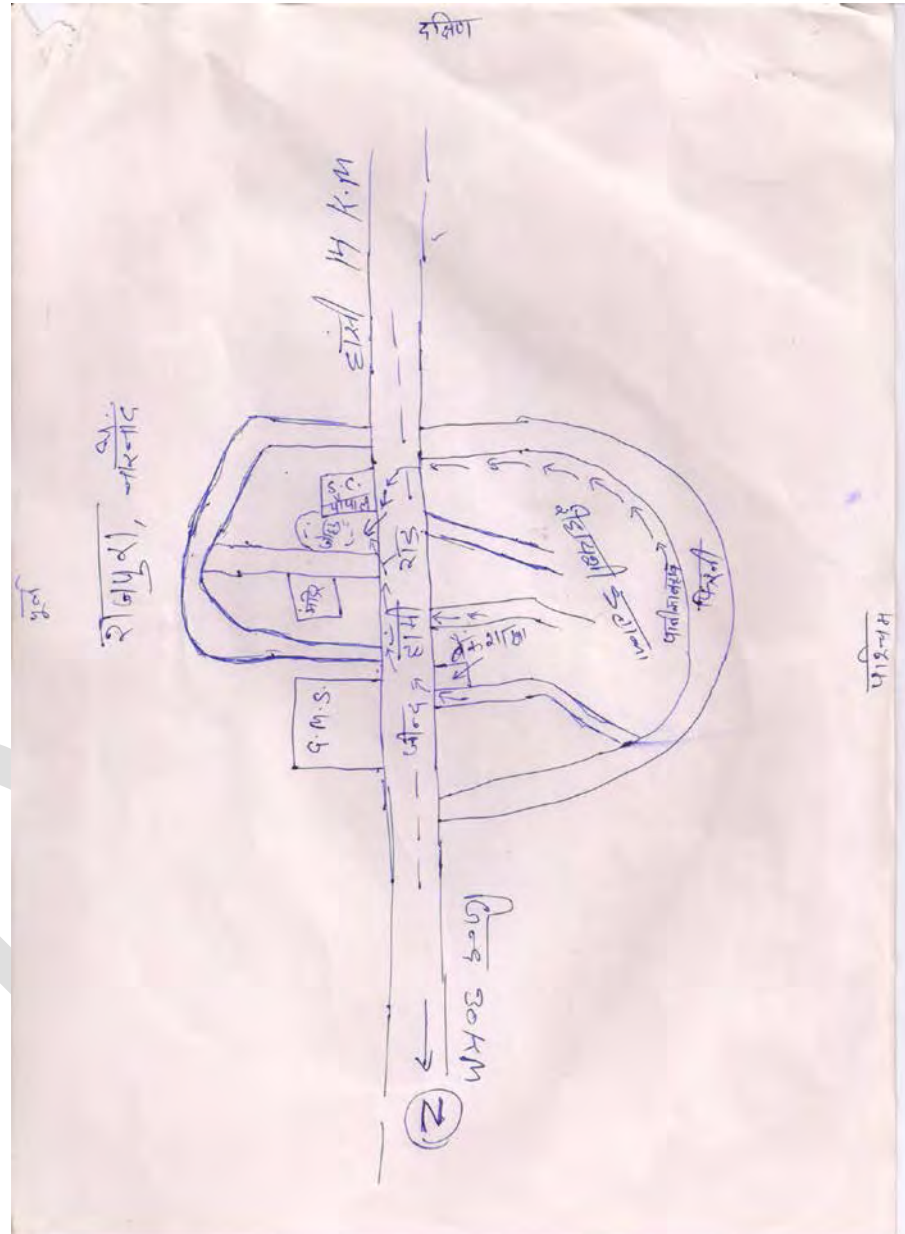
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 3.1.1. Early Warning & Information Dissemination Team
 - Communicate the information.....
 - Update contact details of local resources/ offices, etc...
 -
 -
- 3.1.2. First Aid Team
 - Maintain list of pregnant women, infants, people with special medical needs, etc..
 - Keeping First-Aid box with disinfectants, antiseptics, ORS, etc.
 -
 -
- 3.1.3. Carcass Disposal Team
 - Stocking kerosene and fuel for disposal of carcass.
 - Maintaining storage of sackcloth to cover dead bodies of animals.
 - Proper spray of disinfectants (eg: DDT) to keep the air clean
 -
- 3.1.4. Evacuation Team
 - Keeping evacuation map of the village with them
 - Knowing the way of evacuation from the village
 - Identifying safe evacuation routes, places, assembly points in and around the village
 -
 -
- 3.1.5. Damage Assessment Team
 - Help in forecasting damages including lives lost and losses to property and assets such as houses, livestock, agriculture, plantation, etc.
 - Sensitizing families of village to keep their important documents safe, and in emergency kit.
 -
- 3.1.6. Reconstruction & Rehabilitation Team
 - Get purified water sources in village
 - Prepare reconstruction and rehabilitation plan for vulnerable groups/areas in the village
 -

3.2. Identify Safe Evacuation Routes

- Selection of evacuation route that minimize the exposure to the hazard and other obstacles
- Evacuation route to be easily accessible even for vulnerable groups such as, women, children, and elderly.

Evacuation Map of the village



3.3. Community level Mitigation Programme

Include hazard specific mitigation measures and schemes running in the village

3.3.1. Flood Mitigation

- Construction of flood shelter
- Drainage channels to be cleared

- Construction of raised platforms near important/ vulnerable areas, such as school, shelter of animals, gaushalas, etc.

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3.3.2. Earthquake Mitigation

- Detailed survey of buildings for assessment of damage and repair/ reconstruction and seismic strengthening or demolition
- Training the local masons for constructing earthquake resistant structures
- Conducting mock drills in villages for evacuation during an earthquake
- Fix all objects in houses that can fall and cause injury (non structural mitigation....)

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3.3.3. Drought Mitigation

- Continuous drought monitoring through rainfall situation, water availability in reservoirs, rivers, canals, etc. and comparing with existing water needs of society.
- Water conservation through rainwater harvesting in houses and farmers' fields
- Allowing runoff water from all fields to a common point (eg: pond) or allowing it to infiltrate in the soil where it has fallen
- Generating awareness among the village people on implementing water conservation and agriculture awareness programs through television, pamphlets, nukkad natak, etc.

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3.4. Schemes & Disaster Mitigation

Identify the schemes/ projects running in the village and segregate them relevant to Mitigation and Preparedness measures. For eg:

- NREGA(for flood protection works in the village
- IAY(earthquake resistance building also protecting from cold and heat waves)
- Pradhan Mantri Gram Sadak Yojana(for prompt response and resource mobilization)
- Rural Water Supply Programme
- Total Sanitation Campaign(preventing epidemic like situation)
- Rural Connectivity Programme(economic development of agriculture sector and allied activities in the villages)

Chapter 4: Response Plan

3.1 Village Disaster Management Committee :- to carry out disaster management activities i.e. village disaster management plan, **training** and awareness activities, identification of resources and search & rescue activity at village level conducted by Village Disaster Management Committee. The following is the suggestive list of committee members:-

Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	Sarpanch	Chairman	Azad	9991927736
ii.	Village Secy	Nodal Officer	Desh Raj	9466223728
iii.	Patwari	Member	Phool Singh	9813846301
iv.	Numberdar	Member	Hawa Singh	9255477565
v.	SC Panch	Member	Kavita	9813313641
vi.	BC Panch	Member	Rajesh	9992682080
vii.	Women (Mahila) Panch	Member	Manisha	9068010442
viii.	Anganwadi Worker	Member	Mukesh	9992934311
ix.	SHG Heads	Member	Rajni	8607097941
x.	School Representatives	Member	Suman Rani	9255189677
xi.	Ex-servicemen	Member	Mahender	8950147576

1. Village Secretary or Patwari should be Nodal Officer for Disaster Management plan of respective village
2. VDMC should conduct meetings/ Gram Sabha for planning for Disaster Management Teams, HRVC and mitigation issues, preparedness issue, relief distribution sites, rehabilitation plans other plan related issues.
3. Village Secy shall document the plan and VDMC shall approve the plan and submit it to the BDPO Office.
4. BDPO should make a copy of the plan and submit it to ADC Office after Compilation of the plans.
5. Further, Funds may be send to BDPO for conducting capacity building trainings at village level for VDMC and teams under VDMC and send the utilization certificate to this office.
6. RO along with BDPO shall arrange training program along with officers/ trainers from Fire Department/ Red Cross/ Revenue department/ civil defence.

3.2 Administrative control

<i>Designation</i>	<i>Contact Number</i>	<i>Contact Address</i>
Deputy Commissioner	232045, 233928	Hisar
SP	01662-232307	Hisar
ADC	01662-241035	Vijay Kumar
SDM	9728858867	Jagdeep Singh
ADO	9416197269	Krishan Kumar
BDPO	9991155533	Sombir Kadiyan
Police Officer SHO	8814011311	Mandeep Singh
Village Secretary	9466223728	Desh Raj
Gram Pradhan	9991927736	Azad
BEO	2333044	Narnound
Fire Officer	01663-233222	Narnound
SMO	9729380676	Yashpal

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Azad	Sarpanch	9991927736	Rajpura
2	Desh Raj	Village Secy	9466223728	Rajpura
3	Phool Singh	Patwari	9813846301	Rajpura
Evacuation Team				
1	Hawa Singh	Numberdar	9255477565	Rajpura
2	Kavita	SC Panch	9813313641	Rajpura
3	Rajesh	BC Panch	9992682080	Rajpura
4	Rajni	SHG Heads	8607097941	Rajpura
Search and Rescue Team				
1	Manisha	Women Punch	9068010442	

2	Mukesh	Anganwadi Worker	9992934311	
3	Rajni	SHG Heads	8607097941	
First Aid Team				
1	Raj Kumari	Anganwadi centre	8053290167	Rajpura
2	Sarswati	ANM	9992275575	Rajpura
3	Sheela Devi	ASHA workers	8295915671	Rajpura
Relief Management Team				
1	Suman Rani	Member	9255189677	Rajpura
2	Mahender	Member	8950147576	Rajpura
Sanitation Team				
1	Manisha	Women Punch	9068010442	Rajpura
2	Mukesh	Anganwadi Worker	9992934311	Rajpura
3	Rajni	SHG Heads	8607097941	Rajpura
Shelter Management Team				
1	Azad	Sarpanch	9991927736	Rajpura
2	Desh Raj	Village Secy	9466223728	Rajpura
3	Phool Singh	Patwari	9813846301	Rajpura
Carcass Disposal Team				
1	Suman Rani	Member	9255189677	Rajpura
2	Mahender	Member	8950147576	Rajpura
Damage & Need Assessment Team				
1	Azad	Sarpanch	9991927736	Rajpura
2	Desh Raj	Village Secy	9466223728	Rajpura
3	Phool Singh	Patwari	9813846301	Rajpura
Rehabilitation & Reconstruction Team				
1	Azad	Sarpanch	9991927736	Rajpura
2	Desh Raj	Village Secy	9466223728	Rajpura
3	Phool Singh	Patwari	9813846301	Rajpura

3.4 Contact Details of Emergency Resource Owners/ Practitioners [Private], elected Panches in the Village Panchayat:

No.	Name	Practise/Resource	Telephone No.	Mobile No.
1	Satyawan	Tractor Trolley		8607161354
2	Amit	-do		9828398036
3	Raju	PICKUP		9812550951
4	Jugbir	Tata 407		9991546932

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Shamsher	Raj Mistri	Rajpura	9812442937
Karambir	Bhedi	Rajpura	9728116637
Om Foji	Ex Army	Rajpura	9992887741
Sunil	Sports Person	Rajpura	9992494435
Ravi	-do-	Rajpura	9729217617

Chapter 5: Contact details & Updation Mechanism

- 5.1.** List out the important personnel whose contact details have to be included in the plan
- The contact details from 'Chapter – 4 Response Plan' will be updated.
- 5.2. Updation Mechanism**
- Discuss with the village people about whose responsibility is it to update the plan.
 - The period in which the VDMP shall be updated regularly.
 - It should be taken care that the VDMP should be simple otherwise it will not be understood, and disseminated else it will not reach the needful.
 - The VDMP should be revised regularly otherwise it will not be up to date.