

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Pali
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Pali, Narnound, Hisar

Contents

S.No.	Chapter	Page
1.	Situational Analysis of Village	3-5
2.	HRVC Assessment	6-9
3.	Mitigation & Preparedness Plan	10-12
4.	Response Plan	13-16
5.	Contact details & Updation Mechanism	17

Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village Village Pali is situated on a link road from Hansi- Narnound- Jind road approx five kilometre before Narnound town in Tehsil Narnaund Distt. Hisar.

b) Village at a glance as under

Name of Village	Pali
Name of Patwari	Hanuman
Name of Village Secretary	Desh Raj
Contact No. of Village Secretary	9466223728
Name of Panchayat	Pali
Name of Sarpanch	Suman
Contact No. of Sarpanch	9992648002
Name of Block	Narnaund
Name of Teshil	Narnaund
Name of Police Post/Station	Narnaund
No. Of house holds	625
Hospitals	-
Schools	2
Industries	-
Religious Institutions	3

1.2. Population :-

Description	Person	Male	Female
Total Population	4756	2448	2308
Children	310	170	140
People with disabilities	17	9	8
Elderly/aged	253	124	129
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 3229 acres. Wheat, rice, jowar, bajra 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	3095	5 Month	No	No	No
2	Rice	2712	5 Month	No	No	No
3	Cotton	415	5 Month	No	No	No
4	Bajra	82	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)	1+4	1	No	No	10	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 80 percent. There is one Sen. Sec. Government school in the village where children get their education. For further studies children have to go to Narnaund and Barwala.

1.7. Roads and Transport

Condition of road is good within the village. Road from Pali to Narnaund is in good shape. For commuting, people prefer autorikshaws and Govt. 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	1	Mandeep	7027828442
2	CHC	1	Yashpal	9729380176
3	Medical Shop	No	No	No
4	Anganwadi centre	4	Ram Pyari	9812134738
5	ANM	1	Kavita	7027829765
6	ASHA workers	3	Kiran	9992835634
7	Pvt. Hospital	No	No	No
8	Pvt. Doctors	No	No	No
9	Veterinary doctors	No	No	No
10	Veterinary practitioners	No	No	No
11	Medical practitioners	No	No	No
12	Religious Institution	3		
1	Govt. Primary Schools	1	Bir Mati	9728666644
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate		80%	
2	Education Primary		Sen. Sec. School	
3	Economy of Village		Agriculture	
4	BPL Family		252	
Household Details				
1	Total House Hold		625	
2	Kucha		-	
3	Pucca		454	
4	Semi pucca		80	
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	Low	Far away from main Road
Flood	High	Flood Zone
Earthquake	Med	In moderate zone
Building collapse	Med	Community Centre
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 All Village	1.Old Age, 253 2.Children below age 310 3.Women, 2308 4.Sick Persons,47 5.Below Poverty Line 252 families	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 625</i>
Household (HH) in low lying areas	200
HH with poorly constructed houses	55
Old aged population (above 65 age)	253
Children below (0-6 age)	310
Women headed households	65
BPL population	252
Landless HH	385
HH (Low income group)	0

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- I11 i.e. moderate damage risk zone.
	Chemical Accidents	Human Life, cattle life, Environment, etc.	.Houses nearby main road
	Fires	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	Road Accidents	People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals.	HH on the road side.
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	Entire village
	Floods	Human life, cattle life, crop life, property and public infrastructure.	Entire village
	Epidemic	Human Life, animal life	Entire village
Low risk Hazards	Drought	Human Life, crop life, Cattle life,	Due to failure of monsoon drought like condition can be occurred.
	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	15KM
Public health centre	PHC Khandakheri	01663-242179	6 Km
Dispensaries	1	-	-do
Veterinary Hospital	1	-	In Village
Private Hospital	6	Narnound	6KM
OPD Facility	1	CHC Narnaund 01663-233240	12KM
X Ray Facility	1	CHC Narnaund 01663-233240	12KM
Ambulance service	1	CHC Narnaund 01663-233240	12KM
Medicine Shop	No	No	No
.....			
.....			

Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

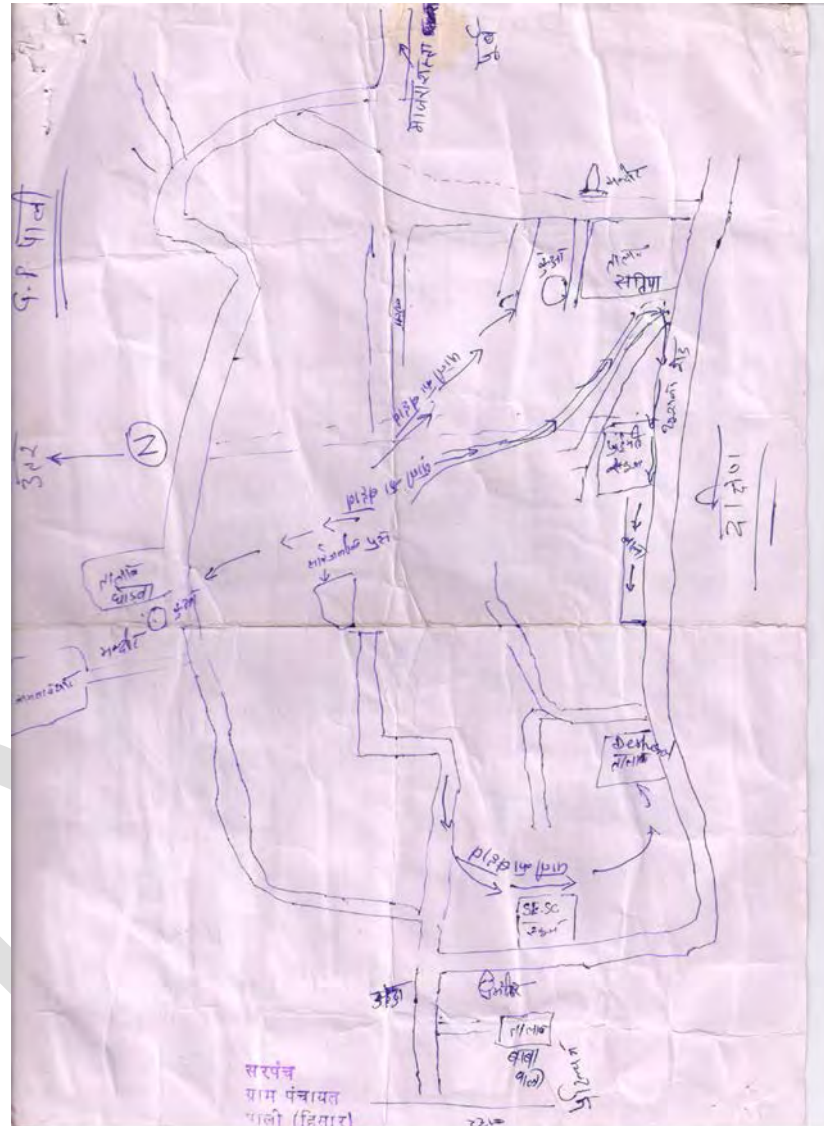
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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.
-

-

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....)

-

-

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.

-

-

3.4. Schemes & Disaster Mitigation

The following schemes/ projects are running in the village and segregate them relevant to Mitigation and Preparedness measures :-

- 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	Suman	9416699789
ii.	Village Secy	Nodal Officer	Desh Raj	9466223728
iii.	Patwari	Member	Hanuman	9466051557
iv.	Numberdar	Member	Randhir	9050044046
v.	SC Panch	Member	Sukhbir	9728494067
vi.	BC Panch	Member	Sushil	9728811391
vii.	Women (Mahila) Panch	Member	Kiran	9992834634
viii.	Anganwadi Worker	Member	Santish	9728591285
ix.	SHG Heads	Member		
x.	School Representatives	Member	Suresh	8295200152
xi.	Ex-servicemen	Member	Ajit Singh	9813157753

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	9416699789	Suman
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	Suman	Sarpanch	9416699789	Pali
2	Desh Raj	Village Secy	9466223728	Pali
3	Hanuman	Patwari	9466051557	Pali
Evacuation Team				
1	Randhir	Numberdar	9050044046	Pali
2	Sukhbir	SC Panch	9728494067	Pali
3	Sushil	BC Panch	9728811391	Pali
4	Ajit Singh	Ex. Serviceman	9813157753	Pali
Search and Rescue Team				
1	Kiran	Member	9992834634	Pali

2	Santish	Member	9728591285	Pali
3	Ajit Singh	Ex. Serviceman	9813157753	Pali
4	Ajit Singh	Ex. Serviceman	9813157753	Pali
First Aid Team				
1	Ram Pyari	Angan wari	9812134738	Pali
2	Kavita	ANM	7027829765	Pali
3	Kiran	Asha Worker	9992835634	Pali
4	Ajit Singh	Ex. Serviceman	9813157753	Pali
Relief Management Team				
1	Suresh	Tr.	8295200152	Pali
2	Ajit Singh	Ex. Serviceman	9813157753	Pali
Sanitation Team				
1	Suman	Sarpanch	9416699789	
2	Desh Raj	Village Secy	9466223728	
3	Hanuman	Patwari	9466051557	
Shelter Management Team				
1	Randhir	Numberdar	9050044046	Pali
2	Sukhbir	SC Panch	9728494067	Pali
3	Sushil	BC Panch	9728811391	Pali
Carcass Disposal Team				
1	Sukhbir	SC Panch	9728494067	Pali
2	Sushil	BC Panch	9728811391	Pali
Damage & Need Assessment Team				
1	Randhir	Numberdar	9050044046	Pali
2	Suman	Sarpanch	9416699789	Pali
3	Desh Raj	Village Secy	9466223728	Pali
4	Hanuman	Patwari	9466051557	Pali
Rehabilitation & Reconstruction Team				
1	Suman	Sarpanch	9416699789	Pali

2	Desh Raj	Village Secy	9466223728	Pali
3	Hanuman	Patwari	9466051557	Pali

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	Krishan	JCB		8053418587
2	Gulab Singh	Tractor Trolley		9991327176
3	Baru	Pick UP		9728201344

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Rajesh	Raj Mistri	Pali	9468323223
Krishan	Bedhai	Pali	9812010349
Mahipal	Ex Serviceman	Pali	9992107646
Dharampal	Sports Person	Pali	9813371963
Mandeep	-do	Pali	9050332040

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.