

Village Disaster Management Plan

HISAR



Government Of Haryana
Department of Revenue & Disaster Management



Daroli
2015-16



HARYANA INSTITUTE OF PUBLIC ADMINISTRATION

Plot 76, HIPA Complex, Sector 18, Gurgaon

Village Disaster Management Plan, Daroli

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:-

Daroli village is situated in south side of Mandi Adampur and South east side of village Chuli Bagdiyan approx 42 K.M far away from Hisar.

b) Village at a glance as under

Name of Village	Daroli
Name of Patwari	Devi Lal
Name of Village Secretary	Ramesh Chander
Contact No. of Village Secretary	97281-23262
Name of Panchayat	Daroli
Name of Sarpanch	Dalip Singh
Contact No. of Sarpanch	98121-23706
Name of Block	Adampur
Name of Teshil	Adampur
Name of Police Post/Station	Adampur
No. Of house holds	721
Hospitals	N.A
Schools	1 Senior Sec. School and B.Ed College
Industries	1 Gour Factory
Religious Institutions	3 Mandir

1.2. Population :-

Description	Person	Male	Female
Total Population	3310	1760	1550
Children	423	247	176
People with disabilities	4	3	1
Elderly/aged	393	238	155
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 41.6 to 5.5 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 43 mm. About 70 per cent of the annual rainfall is received during period from July to September

1.4. Agricultural Land and Cropping Pattern: 4200 acer

The total agricultural land is 3202 acres. Wheat, 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	2105	Nov. to Apr.	No	No	
2	Cotton	1310	April-Oct			
3	Ganwar	1554	April-Oct			
4	Bajra	321	April-Oct			
5	Channa	544	Dec-April			

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 **(Write for the respective village):-**

<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 (Kishangarh Branck	4 Pond	-	Yes	-	-	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 68 percent. There is only one Sen. Sec. Government school, One B.Ed College and One J.B.T College in the village where children get their education. For further studies children have to go to Hisar and Adampur Mandi.

1.7. Roads and Transport

Single road in this village and this road is very bad condition. Sub way is going Daroli to Moda Khera, Daroli to Chuli Khurd and Chuli Bagrian. People of this village is preferred to Personal Vehicle.

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	PHC Dobhi	01662-290697
2	CHC	--	--	--
3	Medical Shop	1	Sunil	97282-83690
4	Anganwadi centre	4	Urmila	97288-04461
5	ANM	-		
6	ASHA workers	3	Darshna	70278-29373
7	Pvt. Hospital	-		
8	Pvt. Doctors	-		
9	Veterinary doctors	1	Kripa Ram	
10	Veterinary practitioners	-	-	
11	Medical practitioners	-	-	
12	Religious Institution	--	--	--
1	Govt. Primary Schools	1	Kartar Singh	94169-93985
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	68%		
2	Education		Primary School	
3	Economy of Village		Agriculture and allied activities.	
4	BPL Family	=	62	
Household Details				
1	Total House Hold		721	
2	Kucha		20-30	
3	pucca		655-70	
4	Semi pucca		50-60	
5	Other critical ESTABLISHMENTS		3 room of sr. Sec school	

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	Med	Due to bad shape of roads
Flood	Low	Drought Prone Village
Earthquake	Low	Low risk zone
Building collapse	Low	No old building
Epidemic / Contagious disease	Low	Due to unhygienic conditions
Fire	High	Short circuit, Fire in field Dry Area
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Med	1 Factory
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 Drought Prone Village	1.Old Age, (Mention the numbers) 2.Children below age 12 3.Women, 4.Sick Persons, 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	Nil
HH with poorly constructed houses	10-12
Old aged population (above 65 age)	263
Children below (0-6 age)	16
Women headed households	100
BPL population	62, 315
Landless HH	Nil
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- II i.e. Low damage risk zone.
	Chemical Accidents	Human Life, cattle life, Environment, etc.	Houses near to Gum Factory
	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.	Houses nearby the main road.
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,	Entire village is prone to drought like condition. Ground water depletion is maximum as tube wells remain the alternate source of water.
	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	102	5 KM
Public health centre	1	Reshma Devi 7027829981, Adampur	5KM
Dispensaries	1	Adampur	5KM
Veterinary Hospital	1	Dr. Satbir Beniwal 9416345760	Within village
Private Hospital	1	Krishana Hospital Adampur	5KM
OPD Facility	1	AMC, Agroha 281194	14KM
X Ray Facility	Yes	Krishna Hospital	1KM
Ambulance service	Yes	Krishna Hospital	1KM
Medicine Shop	1	Sunil Kumar	97282-83690
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Chapter 3: Mitigation & Preparedness Plan

This chapter will include:

3.1. Standard Operating Procedures

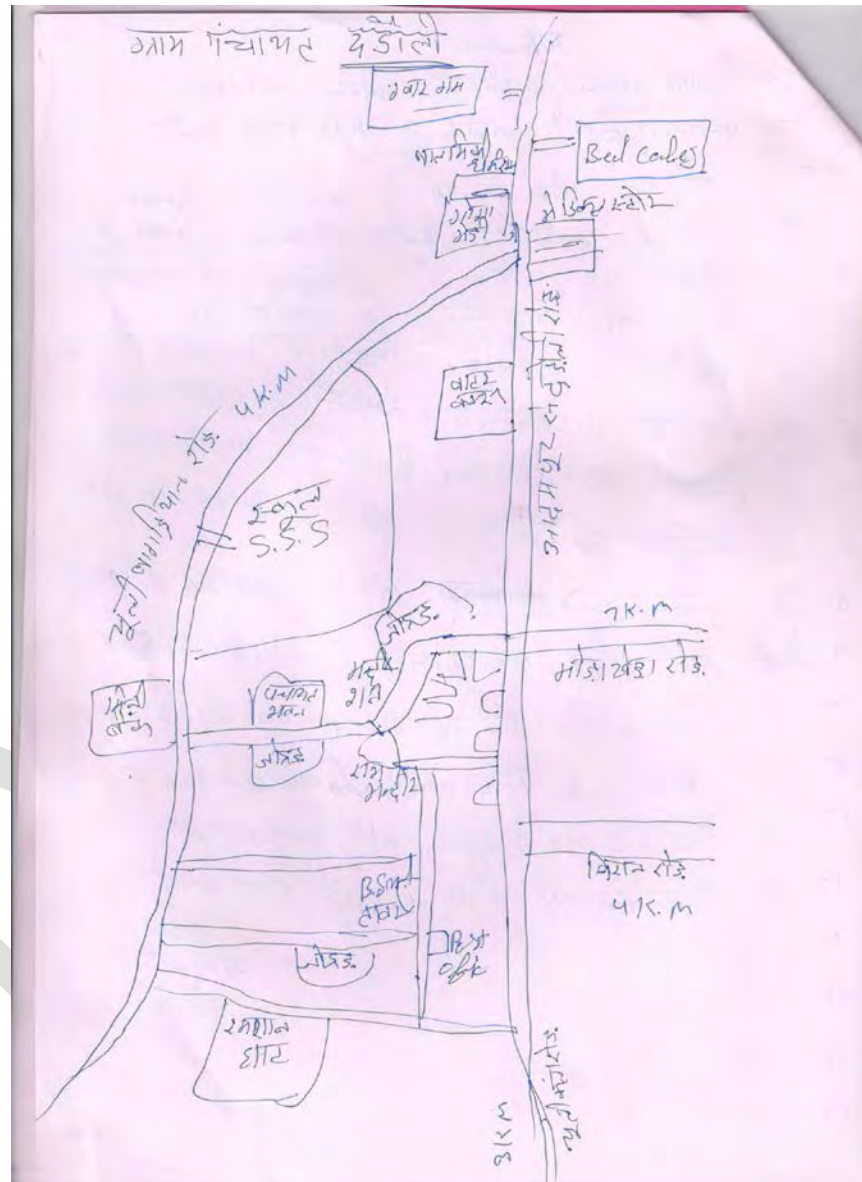
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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

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	Dalip Singh	98121-23706
ii.	Village Secy	Nodal Officer	Ramesh	97281-23262
iii.	Patwari	Member	Devi Lal	94164-39552
iv.	Numberdar	Member	Mahender	80598-13688
v.	SC Panch	Member	Mastan	98125-96081
vi.	BC Panch	Member	Vikash	97287-62903
vii.	Women (Mahila) Punch	Member	Roshani	99911-24677
viii.	Anganwadi Worker	Member		
ix.	SHG Heads	Member	Roshani	99911-24677
x.	School Representatives	Member	Kartar	94169-93985
xi.	Ex-servicemen	Member	Ram Partap	94668-42015

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. Administrative control

<i>Designation</i>	<i>Contact Number</i>	<i>Contact Address</i>
Deputy Commissioner	232045, 233928	Hisar
SP	01662-232307	Hisar
ADC	232692, 241035,	Hisar
SDM	232798	Hisar
ADO	94671-51485	Balwan, Adampur
BDPO	99967-82602	Adampur
Police Officer SHO	088140-11315	S.H.O Adampur
Village Secretary	97281-23262	Ramesh Chander
Gram Pradhan	98121-23706	Dalip Singh
BEO		
Fire Officer	94163-74373	Sajjan Kumar
SMO		

3.2 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Adampur
3	Ramesh Chander	Sec.	97281-23262	Adampur
4	Partap Singh	Pujari	99911-53135	Daroli
Evacuation Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Adampur
3	Ramesh Chander	Sec.	97281-23262	Adampur
4	Partap Singh	Pujari	99911-53135	Daroli
Search and Rescue Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Adampur
3	Ramesh Chander	Sec.	97281-23262	Adampur
4	Partap Singh	Pujari	99911-53135	Daroli
5	Multan	Member	98125-96081	Daroli
First Aid Team				
1	Sharda	ANM	70278-28828	Daroli
2	Darshna	ASSA	70278-29373	Daroli
3	Ravi Sharma	Fir	97285-73513	Daroli
4	Sunil	Medical	97282-83690	Daroli
Relief Management Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Adampur
3	Partap Singh	Pujari	99911-53135	Daroli
Sanitation Team				
1	Sewa Singh	W/W	98134-26744	Daroli
2	Mangtu Ram	Sweeper	98123-99499	Daroli

Shelter Management Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Addampur
3	Ramesh Chander	Sec.	97281-23262	Daroli
Carcass Disposal Team				
1	Mangtu Ram	Sweeper	98123-99499	Daroli
Damage & Need Assessment Team				
1	Dalip Singh	Sarpanch	98121-23706	Daroli
2	Devi Lal	Patwari	94169-39524	Adampur
3	Ramesh Chander	Sec.	97281-23262	Adampur
Rehabilitation & Reconstruction Team				
01	Dalip Singh	Sarpanch	98121-23706	Daroli
02	Devi Lal	Patwari	94169-39524	Adampur
03	Ramesh Chander	Sec.	97281-23262	Adampur

3.3

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ct Details of Emergency Resource Owners/ Practioners [Private], elected Panches in the Village Panchayat:

No.	Name	Practise/Resource	Telephone No.	Mobile No.
1	Bajrang	Pik Up		94169-32354
2	Jagbir	Camel Cart		99913-34765
3	Bajrang	JCB		94169-32354
4				

3.4 Village level Skilled persons

Name	Expertise	Address	Telephone #
Sonu	Mechnic	Dadroli	94663-31105
Mohan	Wooden Work	Dadroli	94666-26535
Ram Partap	Ex Serviceman	Dadroli	98122-76840
Vinod	Sweemer	Dadroli	98121-93453

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 – 3 Response Plan' can be mentioned here
- 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.