

VILLAGE SAFETY INITIATIVE

By



**Revenue and Disaster Management Department
Government of Haryana**

**VILLAGE DISASTER MANAGEMENT PLAN
2015-16**



**CENTRE FOR DISASTER MANAGEMENT
HARYANA INSTITUTE OF PUBLIC ADMINISTRATION
GURGAON**

Village Disaster Management Plan

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Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village :- Gram Bastara away from 4 km from Gharaunda

b) Village at a glance as under

Name of Village	Bastara
Name of Patwari	Sukhbir
Name of Village Secretary	Rajesh kumar
Contact No. of Village Secretary	9996674600
Name of Panchayat	Bastara
Name of Sarpanch	Mewa singh
Contact No. of Sarpanch	9813558725
Name of Block	Gharaunda
Name of Teshil	Gharaunda
Name of Police Post/Station	Maduban
No. Of house holds	142
Hospitals	600
Schools	1
Industries	1 Green feeds
Religious Institutions	2 mandir, 1 gurudwara.

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	5300	2816	2484
Children	418		
People with disabilities	16	13	3
Elderly/aged	62	28	34
Those who dependent upon specific medication for survival	9	5	4
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 10-49 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 169.6 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 215 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>
	Wheat	501	6			
	Rice	537	6			
					
					

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 (Gurgaon canal)	5	3	6		4	Yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 40 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go to 2 primary and 1 middle

1.7. Roads and Transport

Condition of road is not so good within the village. For commuting, people prefer autorikshaws and private bus service ½ km to G.T. road, Then catch bus for karnal. Bad shape road kutail

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			
2	CHC	1	Sandeep	8956540854
3	Medical Shop	2		
4	Anganwadi centre	5	Meena	8395984330
5	ANM	1	Chand rani	9417974213
6	ASHA workers			
7	Pvt. Hospital	1	Sanjeev	9896986135
8	Pvt. Doctors	1		
9	Veterinary doctors	1	Anil	9992020245
10	Veterinary practitioners	2	Jasminder Ravinder	9996013325
11	Medical practitioners	4		9416871542
12	Religious Institution	1		
1	Govt. Primary Schools	2		
Others Details of Village				
				<i>Depend upon</i>
1	Literacy Rate	70%		
2	Education	Primary		32
3	Economy of Village			Agriculture
4	BPL Family	=30		93
Household Details				
1	Total House Hold			600
2	Kucha			2
3	pucca			588
4	Semi pucca			10
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		Due to bad shape of roads
Flood		Rain
Earthquake		
Building collapse		
Epidemic / Contagious disease		Due to unhygienic conditions
Fire		Short circuit, Fire in field
Heat Wave		summer
Cold Wave		Winters
Industrial / Chemical hazard		
Stampede		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 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	
HH with poorly constructed houses	43
Old aged population (above 65 age)	86
Children below (0-6 age)	418
Women headed households	106
BPL population	558
Landless HH	40
HH (Low income group)	60

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,	Entire village falls in EQ Zone- IV i.e. high damage risk zone.

		environment, etc.	
	Chemical Accidents	Human Life, cattle life, Environment, etc.	.
	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.	
Medium Risk Hazards	Extreme Temperature	Human life, Cattle population, Crops, transportation activities.	
	Floods	Human life, cattle life, crop life, property and public infrastructure.	
	Epidemic	Human Life, animal life	
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	Bus stops, Malls, Hospitals, 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	2		Near

Public health centre	No		
Dispensaries	1		
Veterinary Hospital	1		
Private Hospital	1		
OPD Facility			
X Ray Facility			
Ambulance service			
Medicine Shop	2	Kapil medical Shiv medical	9729814415 9896178796
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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...
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 -
- 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.
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- 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:

- Sansad Adarsh Gram Yojana

- NREGA
- IAY
- Swarn Jayanti Gram Swarozgar Yojana
- Pradhan Mantri Gram Sadak Yojana
- National Social Assistance Programme
- Rural Water Supply Programme
- Total Sanitation Campaign
- Rural Connectivity Programme
- *Hariyali* – implementation of Watershed Development Program
- Drought Prone Area Programme

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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	Mewa singh	9813558725
ii.	Village Secy	Nodal Officer	Rajesh	9996674600
iii.	Patwari	Member	Sukhbir	9813147734
iv.	Numberdar	Member	Manabir	9720626162
v.	SC Panch	Member	Rajesh	
vi.	BC Panch	Member	Dharambir	
vii.	Women (Mahila) Punch	Member	Reeta	
viii.	Anganwadi Worker	Member	Krishana	
ix.	SHG Heads	Member		
x.	School Representatives	Member	Rajinder singh	81989823000
xi.	Ex-servicemen	Member	Mahabir singh	9034681747

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>
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Deputy Commissioner		
SP		
ADC		
SDM		
ADO		
BDPO	9896134254	BDEPO Ghd.
Police Officer SHO	0184-2380825	S.H.O Madhuban
Village Secretary	9996674600	Gram sachive bastara
Gram Pradhan	7913558725	Do
BEO	9466623222	Govt SR. Sec. School .
Fire Officer		
SMO	9416871560	

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Surainder kumar	Police job	9812293963	
2	Rajesh	Shopkeeper	9254800466	
3	Ramesh	Agriculture	9813744524	
4				
Evacuation Team				
1	Balwant	Ploitory farm	9255587991	
2	Ashok kumar	Agriculture		
	Rani	shopkeeper		
Search and Rescue Team				
	Babu	Agriculture	9691921064	
	Arun	Sugar mill job	9996228741	
	Vikky	Private job	9068356636	
First Aid Team				
	Manu	Electrician	9996180571	
	Anil	Mistari	9991369221	

	balinder	Agriculture	9467143400	
Relief Management Team				
	Satpal	Agriculture	9255150939	
	Balkar	Agriculture	9813147734	
	Minku	Shopkeeper	9068155036	
Sanitation Team				
	Isham singh	Shopkeeper	9812131260	
	Satbir	Shopkeeper	9813019128	
	Amit		9034237043	
Shelter Management Team				
	Skial singh	Agriculture	9813558726	
	Sewa singh	Agriculture		
	Ashok			
Carcass Disposal Team				
	Nanha ram		8930141429	
	Roshan		8397060814	
Damage & Need Assessment Team 9215824000				
	Krishan lal	Agriculture	9991369221	
	Sittu	Agriculture	9215824000	
	Balbir	Agriculture	8529895648	
Rehabilitation & Reconstruction Team				
	Sanjay	Agriculture	9729624855	
	Jila	Agriculture	9404165770	
	Nattu		9034815159	

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	Ramesh	4 wheelers		9996105624
2	Vikash	Bike		9996695112
3	Satish	bike		8572026161
4	rajesh	Bike		9050611174

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Amit	p. job		9729876418
Ramesh	P.job		9996140562
Supender	Police Job		9812293963
Balwan	Polutry business		9034324000
Mahabir	Poultry business		9416030691

ramkumar	Agriculter and business		9050449507

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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.