

# Village Disaster Management Plan

## HISAR



**Government Of Haryana**  
Department of Revenue & Disaster Management



**Kalar Bhaini**  
2015-16



**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

**Plot 76, HIPA Complex, Sector 18, Gurgaon**

# Village Disaster Management Plan, Kalar Bhaini, Block Uklana, Hisar

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# Chapter 1: Situational Analysis of Village

## 1.1. Introduction

**Village Profile:** - a) Description of village:-

Village Kalar Bahini is situated 45 KM from District Headquarter, and 12 KM from Barwala city on Hisar Surewala road. Village Surewala, Litani, Hasangarh, Gaibipur are the nearby village of Kalar Bhaini. Village is situated on main highway hence its accident prone village.

b) Village at a glance as under

<b>Name of Village</b>	Kalar Bhaini
<b>Name of Patwari</b>	Bhagwan Das
<b>Name of Village Secretary</b>	Pardeep
<b>Contact No. of Village Secretary</b>	9254631619
<b>Name of Panchayat</b>	Kalar Bhaini
<b>Name of Sarpanch</b>	Rajkumar
<b>Contact No. of Sarpanch</b>	9813652999
<b>Name of Block</b>	Uklana
<b>Name of Teshil</b>	Uklana
<b>Name of Police Post/Station</b>	Uklana
<b>No. Of house holds</b>	400
<b>Hospitals</b>	--
<b>Schools</b>	1 Middle
<b>Industries</b>	1 Factory(600 Meter from school)
<b>Religious Institutions</b>	2 Tample and 1 Gurudwara

## 1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	2000	1150	950
Children	150	90	60
People with disabilities	--	--	--
Elderly/aged	115	89	26
Those who dependent upon specific medication for survival	10	8	2
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 800 Acres. Wheat , cotton, Gum, Majra are major crops grown in the village.

<b>Cropping Pattern at Village</b>						
<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	80%	Nov-April	--	--	--
2	Bajra	10%	July-Oct			
3	Jawar	10%	July-Oct			

### 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 Pawra Sub Branch	--	--	--	--	50	Yes

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 90 percent. There is one Govt. Schools in the village where children get their education. For further studies children have to go to Uklana, Barwala or Hisar.

### 1.7. Roads and Transport

Village is situate on NH 52, condition of road is good within the village and connectivity with Uklana , Barwal and Hisar is too good. For commuting, people prefer motorcycles and govt. bus service.

### 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	--	--	--
3	Medical Shop	--	--	--
4	Anganwadi centre	3	<b>Kamlesh</b>	9991668180
5	ANM	1	Nirmla	7027829887
6	ASHA workers	2	<b>Suman</b>	<b>7027828476</b>
7	Pvt. Hospital	--	--	--
8	Pvt. Doctors	2	Jagdish	9812057068
9	Veterinary doctors	--	--	--
10	Veterinary practitioners	1	Sushil	9416280580
11	Medical practitioners	--	--	--
12	Religious Institution	2	<b>Kulvinder</b>	9467939944
1	Govt. Middle Schools	1	<b>Tejbhan</b>	<b>9255986628</b>
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate 90%		Middle School	
2	Education		High School	
3	Economy of Village		Agriculture and allied activities	
4	BPL Family		128, MNREGA	
Household Details				
1	<b>Total House Hold</b>		<b>400</b>	
2	<b>Kucha</b>		<b>Nil</b>	
3	<b>pucca</b>		<b>350</b>	
4	<b>Semi pucca</b>		<b>50</b>	
5	<b>Other critical ESTABLISHMENTS</b>		<b>--</b>	

## 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	Due to bad shape of road and situated on the NH 52
Flood	High	Flood Prone Area, Low laying area
Earthquake	Med	As per risk Zonation
Building collapse	Low	No critical building in the village
Epidemic / Contagious disease	Medium	No hygienic conditions
Fire	High	Short circuit, Fire in field, Crop Fire in summer
Heat Wave	Medium	Summer Season
Cold Wave	Medium	Winters Season
Industrial / Chemical hazard	Low	Nil
Stampede	Low	No such condition

### 2.2 Vulnerability Analysis

<b>Vulnerable groups in the village – to different hazards</b>				
<i>Sr.</i>	<i>Name of Hazards</i>	<i>Vulnerable Area</i>	<i>Vulneable Groups</i>	<i>Facilities Affected</i>
<b>1</b>	Flood	Drought Prone Area	1. Old Age 115 2. Children 150 3. Woman widow 20 4. BPL Family 128	1.Drainage , 2.Electricity, 3.Drinking water, 4.Road 5.Communication, 6.Govt Property, 7.Ariculture 8.Animal Losses
<b>2</b>	Fire	Filed Area	Farmers and their dependents	1.Electricity, 2.Crop Damage
<b>3</b>	Epidemics	Flood affected area and nearby	All community of village can be	Medical facilities, Transport
<b>4</b>	Snake bite	Flood affected area	All community of village can be	Medical Facilities,

		and nearby		Transport
5	Hailstorm		Medium possibility	
6	Pest Attack	Agriculture area	Can be in crops. 1603 Farmer will be affected	Crop Failure
7	Heat Wave		Village population	Medical Facilities
8	Cold Wave		Village population	Medical Facilities
9	Road Accidents		65 Houses	
<b>Other Vulnerabilities</b>				<b>( Impacts)</b>
1	<b>Social Vulnerabilities</b>	Culture of Village can be affected	Living Pattern, Dress, Food Habits and the employment kind of village will be changed if hazard occurs	
2	<b>Political Vulnerabilities</b>	Political System also affect	Group Clashes, Clashes on Compensation, other interference of local group or parties.	

<i>Details</i>	<i>No. of Household 1788</i>
<b>Household (HH) in low lying areas</b>	--
<b>HH with poorly constructed houses</b>	20
<b>Old aged population (above 65 age)</b>	115
<b>Children below (0-6 age)</b>	150
<b>Women headed households</b>	20
<b>BPL population</b>	128 HH
<b>Landless HH</b>	125
<b>HH (Low income group)</b>	300

### 2.3 Risk Analysis

<i>Severity</i>	<i>Hazard</i>	<i>Elements at Risk</i>	<i>Vulnerable Areas</i>
<b>High Risk Hazards</b>	<b>Earthquake</b>	Human life, cattle life, public infrastructure, environment, etc.	Entire village falls in EQ Zone- III i.e. Moderate damage risk zone.
	<b>Fires</b>	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land
	<b>Floods</b>	Human life, cattle life, crop life, property and public infrastructure.	Entire village is prone to flood.
<b>Medium Risk Hazards</b>	<b>Extreme Temperature</b>	Human life, Cattle population, Crops, transportation activities.	Entire village
<b>Low risk Hazards</b>	<b>Drought</b>	Human Life, crop life, Cattle life,	Due to failure of monsoon such condition can occur.
	<b>Frost Thunder storm Hailstorm</b>	Crop, cattle life Human life, crop , Cattle life, Public infrastructure	People with poor housing conditions 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	PHC Daulatpur 01693-293798	7 KM
Public health centre	1	PHC Daulatpur 01693-293798	7Km
Dispensaries	1	PHC Daulatpur 01693-293798	7Km
Veterinary Hospital	1		Within village
Private Hospital	1	Verma Nursing Home 225110	25KM



OPD Facility	1	<b>CHC Ukalana</b> <b>01693-233003</b>	35 KM
X Ray Facility	1	<b>CHC Ukalana</b> <b>01693-233003</b>	35 KM
Ambulance service	1	PHC Daulatpur 01693-293798	7 KM
Medicine Shop	1	PHC Daulatpur 01693-293798	7 KM

# Chapter 3: Mitigation & Preparedness Plan

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This chapter will include:

## **3.1. Standard Operating Procedures**

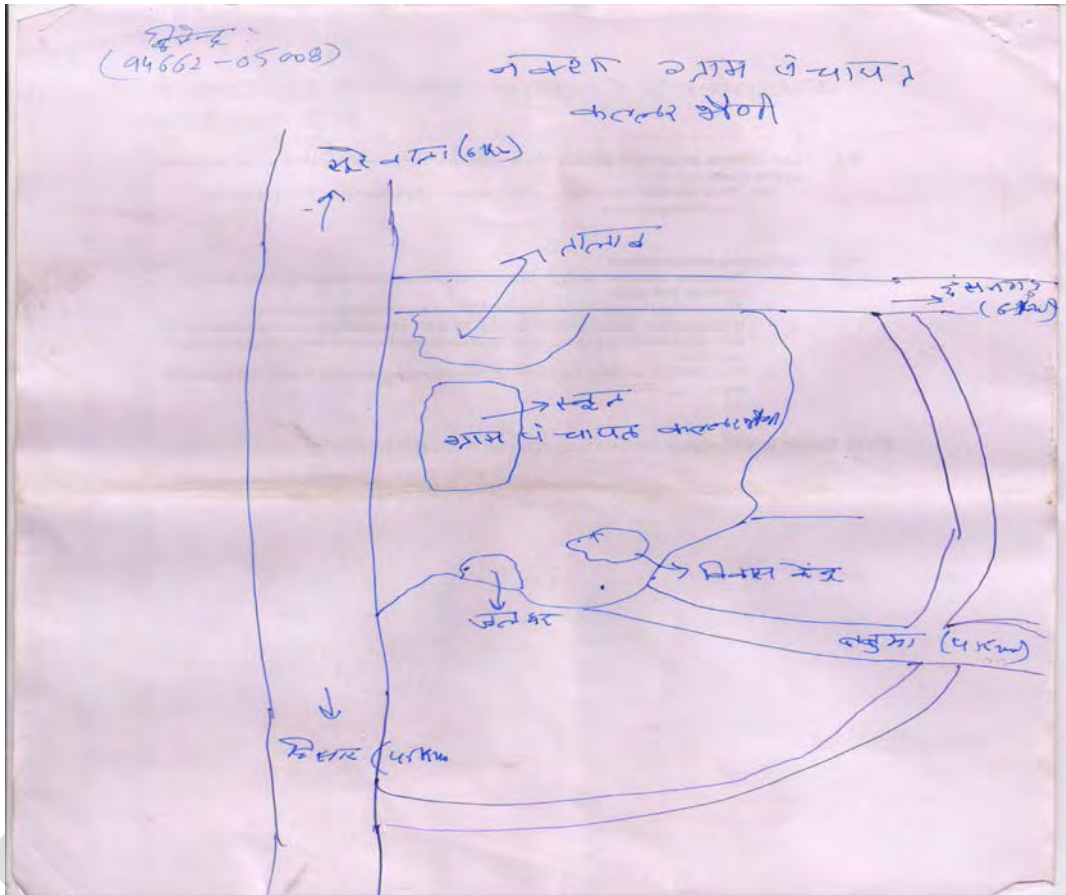
The teams formed in the previous chapter, their SOPs shall be listed down here. For eg:

- 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 list of committee members:-

### Village Disaster Management Committee

Sr. No.	Name	Designation	Name	Contact No.
i.	<b>Sarpanch</b>	Chairman	Rajkumar	9813652999
ii.	<b>Village Secy</b>	Nodal Officer	Pardeep Kumar	9254631619
iii.	<b>Patwari</b>	Member	Bhagwan Das	9416556999
iv.	<b>Numberdar</b>	Member	Dharmpal	9991005827
v.	<b>SC Panch</b>	Member	Baljit	9729212911
vi.	<b>BC Panch</b>	Member	Ajit Singh	9416628064
vii.	<b>Women (Mahila) Panch</b>	Member	Manuti	9068318804
viii.	<b>Anganwadi Worker</b>	Member	Kamlesh	9991668180
ix.	<b>SHG</b>	Member	Neetu	
x.	<b>School Representation</b>	Member	Tejbhan	--
xi.	<b>Ex Serviceman</b>	Member	Krishan Sharma	7206433274

1. Village Secretary is Nodal Officer for Disaster Management plan of respective village
2. VDMC will conduct meetings/ Gram Sabha for planning for Disaster Management Teams, HRVC and mitigation issues, preparedness issue, relief distribution sites, and rehabilitation plans other plan related issues.
3. Village Secy has prepared document the plan and VDMC has been approved 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. RO along with BDPO has conducted 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>
<b>Deputy Commissioner</b>	232045, 233928	Hisar
<b>SP</b>	01662-232307	Hisar
<b>ADC</b>	232692, 241035,	Hisar
<b>SDM</b>	01693-242211	Barwala
<b>ADO</b>	9812688568	Sohan Lal
<b>BDPO</b>	9996251203	Ramesh Kumar, Uklana
<b>Police Officer SHO</b>	100	Uklana
<b>Village Secretary</b>	9254631619	Uklana
<b>Gram Pradhan</b>	9813652999	Rajkumar Verma
<b>BEO</b>	233318	Uklana
<b>Fire Officer</b>	244300	Barwala

### 3.3 Members of Village Disaster Management Teams (VDMT)

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Contact Number</b>	<b>Contact Address</b>
<b>Early Warning and Information Dissemination Team</b>				
1	Rajkumar	<b>Sarpanch</b>	9813652999	Kalar Bhaini
2	Gulab Singh	<b>Chokidar</b>	--	Kalar Bhaini
3	Kulvinder	<b>Pathi</b>	9992174747	Kalar Bhaini
<b>Evacuation Team</b>				
1	Rajkumar	<b>Sarpanch</b>	9813652999	Kalar Bhaini
2	Surnder Kumar	<b>Panch</b>	9034320416	Kalar Bhaini
3	Jasvinder	<b>Panch</b>	9467096641	Kalar Bhaini
4	Baljit Singh	<b>Panch</b>	9729212911	Kalar Bhaini

<b>Search and Rescue Team</b>				
1	Rajesh Kumar	<b>Yuva</b>	9416595868	Kalar Bhaini
2	Jony	<b>Yuva</b>	9467246880	Kalar Bhaini
3	Sonu Shamra	<b>Yuva</b>	9813949157	Kalar Bhaini
4	Parveen Kumar	<b>Yuva</b>	9466249087	Kalar Bhaini
<b>First Aid Team</b>				
1	Nirmla	ANM	7027897667	Kalar Bhaini
2	Suman	Asha Worker	7027828712	Kalar Bhaini
3	Jagdish	<b>Middle School</b>	9813949157	Kalar Bhaini
<b>Relief Management Team</b>				
1	Rajkumar	<b>Sarpanch</b>	9813652999	Kalar Bhaini
2	Bhagwan Das	<b>Patwari</b>	9416556999	Kalar Bhaini
3	Pardip Kumar	<b>Sachive</b>	9254631619	Kalar Bhaini
<b>Sanitation Team</b>				
1	Rajbir	<b>Sweeper</b>	9813209889	Kalar Bhaini
2	Bajrang	<b>Sweeper</b>	9813209889	Kalar Bhaini
<b>Shelter Management Team</b>				
1	Narsh Bhagat	<b>Social Worker</b>	9416649745	Kalar Bhaini
2	Hariram	<b>Mistri</b>	9996742129	Kalar Bhaini
<b>Damage &amp; Need Assessment Team</b>				
1	Rajkumar	<b>Sarpanch</b>	9813652999	Kalar Bhaini
2	Bhagwan Das	<b>Patwari</b>	9416556999	Kalar Bhaini
3	Pardip Kumar	<b>Sachive</b>	9254631619	Kalar Bhaini
<b>Rehabilitation &amp; Reconstruction Team</b>				
1	Rajkumar	<b>Sarpanch</b>	9813652999	Kalar Bhaini
2	Bhagwan Das	<b>Patwari</b>	9416556999	Kalar Bhaini
3	Pardip Kumar	<b>Sachive</b>	9254631619	Kalar Bhaini

**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	Jitender	JCB	Kalar Bhaini	9991312507
2	Kumar	Tractor Trolley	Kalar Bhaini	9991751094
	Sukhvir	Tractor Rrolley	Kalar Bhaini	9466611189

**3.5 Village level Skilled persons**

Name	Expertise	Address	Telephone #
Kartar Singh	Ex Serviceman	Kalar Bhaini	9416595868
Joginder	Swimmer	Kalar Bhaini	9896653314



# Chapter 5: Contact details & Updation Mechanism

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## 5.1. Updation Mechanism

- Discussed with the village people about whose responsibility is it to update the plan.
- the VDMP will 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.