

# Village Disaster Management Plan

## HISAR



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



**Talwandi Badshapur**  
2015-16



**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

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

# Village Disaster Management Plan, Talwandi Badshapur

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## Chapter 1: Situational Analysis of Village

### 1.1. Introduction

**Village Profile:** - a) Description of village:- Talwandi Badshapur is situated near Talwandi Rukaa, Syahdwa i.e. south side of Hisar, in block Hisar-2 around 35 KM away from Hisar.

b) Village at a glance as under

<b>Name of Village</b>	<b>Talwandi Badshapur</b>
<b>Name of Patwari</b>	<b>Raj Kumar</b>
<b>Name of Village Secretary</b>	<b>Ramesh Chander</b>
<b>Contact No. of Village Secretary</b>	<b>9671035459</b>
<b>Name of Panchayat</b>	<b>Talwandi Badshapur</b>
<b>Name of Sarpanch</b>	<b>Om Parkash</b>
<b>Contact No. of Sarpanch</b>	<b>9812803392</b>
<b>Name of Block</b>	<b>Hisar-1</b>
<b>Name of Teshil</b>	<b>Hisar</b>
<b>Name of Police Post/Station</b>	<b>Hisar</b>
<b>No. Of house holds</b>	<b>845</b>
<b>Hospitals</b>	<b>-</b>
<b>Schools</b>	<b>Middle</b>
<b>Industries</b>	<b>-</b>
<b>Religious Institutions</b>	<b>3</b>

### 1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	4180	2247	1933
Children	133	73	60
People with disabilities	5	3	2
Elderly/aged	203	76	127
Those who dependent upon specific medication for survival	-	-	-
Transgender	-	-	-

### 1.3. Temperature and rainfall

The climate is Semi-arid 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 58.5 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 2044 Hectare. Wheat, rice, jowar, bajra 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 (Hectare)</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	1050	Nov-April	No	No	No
2	Sarson	955	Nov-March			
3	Cotton	545	May-Oct			
4	Bajra	1123	May – 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 **(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	2	-	-	-	2	1

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 53.77 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go to Hisar.

### 1.7. Roads and Transport

Condition of road is not so good within the village. Road from Talwandi Badshapur to Hisar is in bad shape. For commuting, people prefer autorikshaws and private bus service.

## 1.8. Infrastructure details

<b>Infrastructural Details at Village</b>				
<i>Sr.</i>	<i>Facilities</i>	<i>Number</i>	<i>Contact Person</i>	<i>Contact Number</i>
<b>1</b>	PHC	Nil	Nil	Nil
<b>2</b>	CHC	Nil	Nil	Nil
<b>3</b>	Medical Shop	Nil	Nil	Nil
<b>4</b>	Anganwadi centre	3	<b>Suman Devi</b>	9466647933
<b>5</b>	ANM	1	Kamlesh Devi	70278-30192
<b>6</b>	ASHA workers	1	<b>Pinki</b>	<b>7027829522</b>
<b>7</b>	Pvt. Hospital	Nil	Nil	Nil
<b>8</b>	Pvt. Doctors	Nil	Nil	Nil
<b>9</b>	Veterinary doctors	Nil	Nil	Nil
<b>10</b>	Veterinary practitioners	Nil	Nil	Nil
<b>11</b>	Medical practitioners	Nil	Nil	Nil
<b>12</b>	Religious Institution	<b>1</b>		
<b>1</b>	Govt. Primary Schools	1	<b>Sri Bhagwan</b>	<b>9467090097</b>
<b>Others Details of Village</b>				
			<i>Depend upon</i>	
<b>1</b>	Literacy Rate		53.77%	
<b>2</b>	Education		Middle School	
<b>3</b>	Economy of Village		Agriculture	
<b>4</b>	BPL Family		115	
<b>Household Details</b>				
<b>1</b>	<b>Total House Hold</b>		<b>845</b>	
<b>2</b>	<b>Kucha</b>		<b>15</b>	
<b>3</b>	<b>pucca</b>		<b>800</b>	
<b>4</b>	<b>Semi pucca</b>		<b>30</b>	
<b>5</b>	<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	Low	Due to bad shape of roads
Flood	Very low	Drought Prone Village
Earthquake	Low	Low risk zone
Building collapse	Med	2 Critical building
Epidemic / Contagious disease	Low	Due to unhygienic conditions
Fire	High	Short circuit, Fire in field
Heat Wave	Med	summer
Cold Wave	Med	Winters
Industrial / Chemical hazard	Low	No industry
Stampede	-	Due to riots or violence

### 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>
1	Flood	Drought Prone Village		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	
<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 845</i>
<b>Household (HH) in low lying areas</b>	Nil
<b>HH with poorly constructed houses</b>	12
<b>Old aged population (above 65 age)</b>	203
<b>Children below (0-6 age)</b>	375
<b>Women headed households</b>	159
<b>BPL population</b>	335
<b>Landless HH</b>	Nil
<b>HH (Low income group)</b>	

### 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- IV i.e. high damage risk zone.
	<b>Fires</b>	Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.	Agricultural Land and HH
<b>Medium Risk Hazards</b>	<b>Extreme Temperature</b>	Human life, Cattle population, Crops, transportation activities.	Entire village
	<b>Epidemic</b>	Human Life, animal life	Entire village
<b>Low risk Hazards</b>	<b>Drought</b>	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.
	<b>Frost Thunder storm Hailstorm</b>	Crop, cattle life Human life, crop , Cattle life, Public infrastructure	People with poor housing conditions in the village.
	<b>Terrorist Attack</b>	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	1	Dr. Nirmala	2 Km
Public health centre	1	Nirmala 9255135372	2KM
Dispensaries	1	Nirmala 9255135372	2KM
Veterinary Hospital	1	Sharwa	5 KM



Private Hospital	8	Sapra Hospital 233230	35Km
OPD Facility	1	Nirmala 9255135372	2KM
X Ray Facility	<b>1</b>	<b>CHC Mangali</b> <b>01662-280373</b>	15Km
Ambulance service	1	PHC 9255135372/102	2KM
Medicine Shop	1	Rakesh	2KM
.....			
.....			

# 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

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

- NREGA( for drought 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.	<b>Sarpanch</b>	Chairman	Om Parkash	9812803392
ii.	<b>Village Secy</b>	Nodal Officer	Ramesh Chander	9671035459
iii.	<b>Patwari</b>	Member	Raj Kumar	9416993429
iv.	<b>Numberdar</b>	Member	Darshana	8607506679
v.	<b>SC Panch</b>	Member	Ramesh	9466332155
vi.	<b>BC Panch</b>	Member	Amar Kitab	9813277366
vii.	<b>Women (Mahila) Punch</b>	Member	Jugni Devi	9467701944
viii.	<b>Anganwadi Worker</b>	Member	Suman Devi	9992184867
ix.	<b>SHG Heads</b>	Member		
x.	<b>School Representatives</b>	Member	Sri Bhagwan	9467090097
xi.	<b>Ex-servicemen</b>	Member	Patel	9812225239

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>
<b>Deputy Commissioner</b>	232045, 233928	Hisar
<b>SP</b>	01662-232307	Hisar
<b>ADC</b>	232692, 241035,	Hisar
<b>SDM</b>	232798	Hisar
<b>ADO</b>	--	SDO Agri. Office Hisar
<b>BDPO</b>	9996782605	BDPO Office Hisar
<b>Police Officer SHO</b>	100	Sadar Hisar
<b>Village Secretary</b>	9671035459	Ramesh Chander
<b>Gram Pradhan</b>	9812803392	Om Parkash
<b>BEO</b>	253170	Hisar-2
<b>Fire Officer</b>	101, 275050	Hisar
<b>SMO</b>	01662-278917	Hisar

### 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	Om Parkash	Sarpanch	9812803392	Talwandi Badshapur
2	Ramesh Chander	Village Secy	9671035459	Talwandi Badshapur
3	Raj Kumar	Patwari	9416993429	Talwandi Badshapur
4	Darshana	Numberdar	8607506679	Talwandi Badshapur
<b>Evacuation Team</b>				
1	Patel	Ex-servicemen	9812225239	Talwandi

				Badshapur
2	Ramesh	SC Panch	9466332155	Talwandi Badshapur
3	Amar Kitab	BC Panch	9813277366	Talwandi Badshapur
4	Jugni Devi	Women Punch	9467701944	Talwandi Badshapur
5	Suman Devi	Anganwadi Worker	9992184867	Talwandi Badshapur
<b>Search and Rescue Team</b>				
1	Sri Bhagwan	School Representatives	9467090097	Talwandi Badshapur
2	Patel	Ex-servicemen	9812225239	Talwandi Badshapur
3	Ramesh	SC Panch	9466332155	Talwandi Badshapur
4	Amar Kitab	BC Panch	9813277366	Talwandi Badshapur
<b>First Aid Team</b>				
1	Suman Devi	Angan Wari	9466647933	Talwandi Badshapur
2	Kamlesh Devi	ANM	70278-30192	Talwandi Badshapur
3	Pinki	Asha Worker	7027829522	Talwandi Badshapur
<b>Relief Management Team</b>				
1	Om Parkash	Sarpanch	9812803392	Talwandi Badshapur
2	Ramesh Chander	Village Secy	9671035459	Talwandi Badshapur
3	Raj Kumar	Patwari	9416993429	Talwandi Badshapur
<b>Shelter Management Team</b>				

1	Om Parkash	Sarpanch	9812803392	Talwandi Badshapur
2	Ramesh Chander	Village Secy	9671035459	Talwandi Badshapur
3	<b>School Representatives</b>	Member	Sri Bhagwan	9467090097
<b>Damage &amp; Need Assessment Team</b>				
1	Om Parkash	Sarpanch	9812803392	Talwandi Badshapur
2	Ramesh Chander	Village Secy	9671035459	Talwandi Badshapur
3	Raj Kumar	Patwari	9416993429	Talwandi Badshapur
<b>Rehabilitation &amp; Reconstruction Team</b>				
1	Om Parkash	Sarpanch	9812803392	Talwandi Badshapur
2	Ramesh Chander	Village Secy	9671035459	Talwandi Badshapur
3	Raj Kumar	Patwari	9416993429	Talwandi Badshapur

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

No.	Name	Practise/Resource	Mobile No.
1	Mukesh Kumar	JCB	8930829000
2	Subhash	Tractor Trolley	9813068629

### 3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Subhash	Raj Mistri	Talwandi Badshapur	9813988275
Krishan Kumar	Raj Mistri	Talwandi Badshapur	9813432389
Wazir Singh	Raj Mistri	Talwandi Badshapur	7056072051
Satpal Singh	Raj Mistri	Talwandi Badshapur	9467426587
Ramesh Kumar	Raj Mistri	Talwandi Badshapur	9812139750



## Chapter 5: Contact details & Updation Mechanism

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- 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.