

# **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, Amritpur Khurd

---

## Contents

| S.No. | Chapter   | Page |
|-------|---|------|
| 1.    | <b>Situational Analysis of Village</b>          |      |
| 2.    | <b>HRVC Assessment</b>                          |      |
| 3.    | <b>Response Plan</b>                            |      |
| 4.    | <b>Mitigation &amp; Preparedness Plan</b>       |      |
| 5.    | <b>Contact details &amp; Updation Mechanism</b> |      |

# Chapter 1: Situational Analysis of Village

## 1.1. Introduction

**Village Profile:** - a) Description of village: Amritpur khurd is a small village of gharaunda block. It is 25 Kms distance from the headquarter, Karnal.

b) Village at a glance as under

|   |   |
|---|---|
| <b>Name of Village</b>                  | Amritpur khurd                            |
| <b>Name of Patwari</b>                  | Balinder sandhu                           |
| <b>Name of Village Secretary</b>        | Vijinder                                  |
| <b>Contact No. of Village Secretary</b> | 9729320836                                |
| <b>Name of Panchayat</b>                | Amritpur khurd                            |
| <b>Name of Sarpanch</b>                 | Jile singh                                |
| <b>Contact No. of Sarpanch</b>          | 9996802242                                |
| <b>Name of Block</b>                    | Gharaunda                                 |
| <b>Name of Teshil</b>                   | Karnal                                    |
| <b>Name of Police Post/Station</b>      | Madhuban                                  |
| <b>No. Of house holds</b>               | 174                                       |
| <b>Hospitals</b>                        | No (Nearest kutail)                       |
| <b>Schools</b>                          | 1 primary                                 |
| <b>Industries</b>                       | Rice mill                                 |
| <b>Religious Institutions</b>           | 1 nagar ghera, 2 shiv mandir, 1 goga gari |

## 1.2. Population :-

| <i>Description</i>  | <i>Person</i> | <i>Male</i> | <i>Female</i> |
|---|---------------|-------------|---------------|
| Total Population  | 846           | 430         | 416           |
| Children  | 125           | 68          | 57            |
| People with disabilities                                  | 9             | 5           | 4             |
| Elderly/aged  | -             | -           | -             |
| Those who dependent upon specific medication for survival | 6             | 4           | 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 10-49 degree centigrade with severe cold in month of December & January and

the month of May & June are of bitter summer. 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 1990 acres. Wheat & rice 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                            | 995                            | Nov-april                | No  | No                               | -             |
| 2                                  | Rice                             | 995                            | June-oct                 | 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> |
|---------------------|-------------------|-------------------|----------------------|------------------------|-------------------|-----------------------------|
| -                   | -                 | 14                | -                    | -                      | -                 | yes                         |

#### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 75%. There is only one primary Government school in the village where children get their education. For further studies children have to go to Nagla Medha.

#### 1.7. Roads and Transport

Condition of road is good within the village. For commuting, people prefer auto-rickshaw, private vehicle and Haryana Roadways buses service. But the school children go to school by walk.

#### 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> |
| 1   | PHC                | -             | -                     | -                     |
| 2   | CHC                | -             | --                    | -                     |
| 3   | Medical Shop       | -             | -                     | -                     |
| 4   | Anganwadi centre   | 1             | Batari                | 8930686074            |
| 5   | ANM                | -             | -                     | -                     |
| 6   | ASHA workers       | 1             | Sunita devi           | 7029824785            |
| 7   | Pvt. Hospital      | -             | -                     | -                     |
| 8   | Pvt. Doctors       | -             | -                     | -                     |
| 9   | Veterinary doctors | -             | -                     | -                     |
| 10  | Veterinary         | -             | -                     | -                     |

|                                  |                                      |             |                        |   |
|----------------------------------|--------------------------------------|-------------|------------------------|---|
|                                  | practitioners                        |             |                        |   |
| <b>11</b>                        | Medical practitioners                |             | -                      | - |
| <b>12</b>                        | Religious Institution                | <b>5</b>    | -                      | - |
| <b>1</b>                         | Govt. Primary Schools                | 1           | -                      | - |
| <b>Others Details of Village</b> |                                      |             |                        |   |
|                                  |                                      |             | <i>Depend upon</i>     |   |
| <b>1</b>                         | Literacy Rate                        | 76%         |                        |   |
| <b>2</b>                         | Education                            | Primary - 1 |                        |   |
| <b>3</b>                         | Economy of Village                   |             | Agriculture & labourer |   |
| <b>4</b>                         | BPL Family                           |             | -                      |   |
| <b>Household Details</b>         |                                      |             |                        |   |
| <b>1</b>                         | <b>Total House Hold</b>              |             | 174                    |   |
| <b>2</b>                         | <b>Kucha</b>                         |             | 3                      |   |
| <b>3</b>                         | <b>pucca</b>                         |             | 109                    |   |
| <b>4</b>                         | <b>Semi pucca</b>                    |             | 62                     |   |
| <b>5</b>                         | <b>Other critical ESTABLISHMENTS</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                              | Med  | Due to bad shape of roads          |
| Flood                                       | Med  | Rain                               |
| Earthquake                                  | Med  | Karnal lies in zone 4              |
| Building collapse                           | High   | No such earthquake proof building. |
| Epidemic / Contagious disease               | Med  | Due to unhygienic conditions       |
| Fire  | Low  | Short circuit, Fire in field       |
| Heat Wave                                   | Med  | summer                             |
| Cold Wave                                   | Med  | Winters                            |
| Industrial / Chemical hazard                | No   | No                                 |
| Stampede                                    | Low  | 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>Vulnerable Groups</i>  | <i>Facilities Affected</i>   |
| <b>1</b>   | Flood                  | All site of Village    | 1.Old Age<br>2.Children below age 12<br>3.Women,<br>4.Sick Persons,<br>5.Below Poverty Line | 1.Drainage ,<br>2.Electricity,<br>3.Drinking water,<br>4.Road<br>5.Communication,<br>6.Govt Property,<br>7.Ariculture<br>8.Animal Losses |
| <b>2</b>   | Fire                   | Filed Area             | Farmers and their dependents  | 1.Electricity,<br>2.Crop Damage  |
| <b>3</b>   | Epidemics              | Flood affected area    | All community of village can be   | Medical facilities,  |

|                              |                                  |                                    |  |                               |
|------------------------------|----------------------------------|------------------------------------|--|-------------------------------|
|                              |                                  | and nearby                         |  | 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                        | Community                          | Village population   | Medical Facilities            |
| 8                            | Cold Wave                        | Community                          | 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</i> |
|---|-------------------------|
| <b>Household (HH) in low lying areas</b>  | No                      |
| <b>HH with poorly constructed houses</b>  | No                      |
| <b>Old aged population (above 65 age)</b> | 56 persons              |
| <b>Children below (0-6 age)</b>           | 20                      |
| <b>Women headed households</b>            | 22                      |
| <b>BPL population</b>                     | 158                     |
| <b>Landless HH</b>                        | 68                      |
| <b>HH (Low income group)</b>              | 4                       |

### 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 | Entire village falls in EQ Zone- IV i.e. high damage |

|                            |  |   |  |
|----------------------------|--|---|--|
|                            |  | infrastructure, environment, etc.   | risk zone.   |
|                            | <b>Chemical Accidents</b>                    | Human Life, cattle life, Environment, etc.  | .-   |
|                            | <b>Fires</b>                                 | Human Loss, cattle life, agricultural produce, kutcha houses, industries, etc.  | Agricultural Land  |
|                            | <b>Road Accidents</b>                        | People travelling on roof/ inside buses. on national Highways, state Highways and other district. Cattle and other animals. | Houses near roads  |
| <b>Medium Risk Hazards</b> | <b>Extreme Temperature</b>                   | Human life, Cattle population, Crops, transportation activities.  | Community  |
|                            | <b>Floods</b>                                | Human life, cattle life, crop life, property and public infrastructure.   | Few areas  |
|                            | <b>Epidemic</b>                              | Human Life, animal life   | Unhygienic areas   |
| <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<br/>Thunder storm<br/>Hailstorm</b> | Crop, cattle life<br>Human life, crop ,<br>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 (Govt)    | 1                   | -  | At the village                   |



|                      |   |                            |                     |
|----------------------|---|----------------------------|---------------------|
|                      |   |                            | itself.             |
| Public health centre | 1 | Manish<br>9050076089       | Village itself      |
| Dispensaries         | - | -                          | -                   |
| Veterinary Hospital  | - | -                          | -                   |
| Private Hospital     | - | -                          | -                   |
| OPD Facility         | - | -                          | -                   |
| X Ray Facility       | - | -                          | -                   |
| Ambulance service    | 1 | Jashwinder                 | Village-<br>Mukhana |
| Medicine Shop        | 1 | Manish kumar<br>9416120658 | Village itself      |

# 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.

# Chapter 4: Response Plan

**4.1 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      | Jila Singh      | 9996802242  |
| ii.     | <b>Village Secy</b>           | Nodal Officer | Bijendra        | 9729320836  |
| iii.    | <b>Patwari</b>                | Member        | Balindra Sandhu | 9729330089  |
| iv.     | <b>Numberdar</b>              | Member        | Amrab Singh     | -           |
| v.      | <b>SC Panch</b>               | Member        | Soniya          | 9728927120  |
| vi.     | <b>BC Panch</b>               | Member        | Sujay           | 9991718715  |
| vii.    | <b>Women (Mahila) Panch</b>   | Member        | Rajani Devi     | 9050106152  |
| viii.   | <b>Anganwadi Worker</b>       | Member        | Bateri          | 8930686074  |
| ix.     | <b>SHG Heads</b>              | Member        | Sunita Devi     | 9027824785  |
| x.      | <b>School Representatives</b> | Member        | -               | -           |
| xi.     | <b>Ex-servicemen</b>          | Member        | Rajkumar        | 9896893507  |

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.

#### 4.2 Administrative control

| <i>Designation</i>         | <i>Contact Number</i> | <i>Contact Address</i> |
|----------------------------|-----------------------|------------------------|
| <b>Deputy Commissioner</b> | <b>0184-2267500</b>   |                        |
| <b>SP</b>                  | <b>0184-4091001</b>   |                        |
| <b>ADC</b>                 | <b>0184-2267351</b>   |                        |
| <b>SDM</b>                 |                       |                        |
| <b>ADO</b>                 |                       |                        |
| <b>BDPO</b>                |                       |                        |
| <b>Police Officer SHO</b>  |                       |                        |
| <b>Village Secretary</b>   |                       |                        |
| <b>Gram Pradhan</b>        |                       |                        |
| <b>BEO</b>                 |                       |                        |
| <b>Fire Officer</b>        |                       |                        |
| <b>SMO</b>                 |                       |                        |

#### 4.3 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   | Jila Singh  | Sarpanch           | 9996802242            |                        |
| 2   | Amrab Singh | Numberdar          | 9896952274            |                        |
| 3   | Rajkumar    | Ex-Member          | 9896893507            |                        |
| 4   | Suraj Bhatt | Ex- Numberdar      | 9728229856            |                        |
| <b>Evacuation Team</b>                                  |             |                    |                       |                        |
| 1   | Sunita      | Asha worker        | 7027824785            |                        |
| 2   | Mahendra    | Member panchayat   | 9813850890            |                        |
| 3   |             |                    |                       |                        |
| <b>Search and Rescue Team</b>                           |             |                    |                       |                        |
| 1   | Ankit       | Student            | 83970483350           |                        |
| 2   | Ankaj       | Student            | 7027272751            |                        |
| 3   |             |                    |                       |                        |
| <b>First Aid Team</b>                                   |             |                    |                       |                        |
| 1   | Prince      | Student            | 9996271846            |                        |
| 2   | Bikash      | Student            | 9050846162            |                        |
| <b>Relief Management Team</b>                           |             |                    |                       |                        |

|   |               |           |             |  |
|---|---------------|-----------|-------------|--|
| 1   | Ankit         | Student   | 83970483350 |  |
| 2   | Bicky         | Student   | 9729947955  |  |
| <b>Sanitation Team</b>                          |               |           |             |  |
| 1   | Asha Ram      | Sweeper   | 9729161707  |  |
| 2   | Naresh Kumar  | -         | 8059387730  |  |
| <b>Shelter Management Team</b>                  |               |           |             |  |
| 1   | Amit          | Student   | 9729354906  |  |
| 2   | Vishal        | Student   | 8059387730  |  |
| <b>Carcass Disposal Team</b>                    |               |           |             |  |
| 1   | Asha Ram      | Speeper   | 9729161707  |  |
| 2   | Bahadur Singh | Chowkidar | 9491885992  |  |
| <b>Damage &amp; Need Assessment Team</b>        |               |           |             |  |
|   | Shubham       | Student   | 9729293625  |  |
|   | Rajat         | Student   | 9992717732  |  |
| <b>Rehabilitation &amp; Reconstruction Team</b> |               |           |             |  |
| 1   | Sachin        |           | 8899388224  |  |
| 2   | Sunil         |           | 9050275350  |  |

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

| No. | Name     | Practise/Resource | Mobile No. |
|-----|----------|-------------------|------------|
| 1   | Sunita   |                   | 7027824785 |
| 2   | Rajani   |                   | 9050106152 |
| 3   | Mahendra |                   | 9813850890 |
| 4   | Sachin   |                   | 8899388224 |

**4.5 Village level Skilled persons**

| Name       | Expertise    | Address |
|------------|--------------|---------|
| Santa ram  | Mistry cenai | Khukhni |
| Mahindra   | Carpenter    | Khukhni |
| Rana singh | carpenter    | Khukhni |

# Chapter 5: Contact details & Updation Mechanism

---

## 5.1. 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.

DRAFT