

# **VILLAGE SAFETY INITIATIVE**

**By**



**Revenue and Disaster Management Department**

**Government of Haryana**

## **VILLAGE DISASTER MANAGEMENT PLAN**

**Araipura, Gharaunda**

**2015-16**

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**CENTRE FOR DISASTER MANAGEMENT**

**HARYANA INSTITUTE OF PUBLIC ADMINISTRATION**

**GURGAON**

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# Village Disaster Management Plan,

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## 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 .....

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.....  
.....

b) Village at a glance as under

<b>Name of Village</b>	<b>Araipura</b>
<b>Name of Patwari</b>	<b>Shamsher</b>
<b>Name of Village Secretary</b>	<b>Hawa Singh</b>
<b>Contact No. of Village Secretary</b>	<b>9812093327</b>
<b>Name of Panchayat</b>	<b>Araipura</b>
<b>Name of Sarpanch</b>	<b>Mahinder Singh</b>
<b>Contact No. of Sarpanch</b>	<b>9416035014</b>
<b>Name of Block</b>	<b>Ghd</b>
<b>Name of Teshil</b>	<b>Do</b>
<b>Name of Police Post/Station</b>	<b>Do</b>
<b>No. Of house holds</b>	<b>1077</b>
<b>Hospitals</b>	<b>--</b>
<b>Schools</b>	<b>2</b>
<b>Industries</b>	<b>2</b>
<b>Religious Institutions</b>	<b>Shiv Mandir</b>

## 1.2. Population :-

<b>Description</b>	<b>Person</b>	<b>Male</b>	<b>Female</b>
Total Population	6204	3200	3004
Children	1562		
People with disabilities	67	30	37
Elderly/aged	435	200	235
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 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 400 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	305	-	-	-	-
	Rice	95	-	-	-	-
	.....	-	-	-	-	-
	.....	-	-	-	-	-

### 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>
	3	3	-	-	20	yes

### 1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 79.45 percent. There is only one middle Government school in the village where children get their education. For further studies children have to go to Hathin.

### 1.7. Roads and Transport

Condition of road is not so good within the village. For commuting, people prefer autorikshaws and private bus service.

### 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			
3	Medical Shop			

4	Anganwadi centre	9	-	-
5	ANM	2	Parveen	9813855509
6	ASHA workers	6	<b>Mamta</b>	<b>7027824870</b>
7	Pvt. Hospital	-	-	-
8	Pvt. Doctors	-	-	-
9	Veterinary doctors	-	-	-
10	Veterinary practitioners	1	-	-
11	Medical practitioners	-	-	-
12	Religious Institution	1	-	-
1	Govt. Primary Schools	1	-	-
<b>Others Details of Village</b>				
				<i>Depend upon</i>
1	Literacy Rate	70%		30%
2	Education	Primary		45%
3	Economy of Village			v. good
4	BPL Family	=30		112
<b>Household Details</b>				
1	<b>Total House Hold</b>			<b>1345</b>
2	<b>Kucha</b>			
3	<b>pucca</b>			<b>1320</b>
4	<b>Semi pucca</b>			<b>25</b>
5	<b>Other critical ESTABLISHMENTS</b>			

## Chapter 2: Hazard, Risk, Vulnerability, Capacity Assessment

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### 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

<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	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	
<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>	
<b>HH with poorly constructed houses</b>	08
<b>Old aged population (above 65 age)</b>	242
<b>Children below (0-6 age)</b>	520
<b>Women headed households</b>	110
<b>BPL population</b>	526
<b>Landless HH</b>	320
<b>HH (Low income group)</b>	131

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

		environment, etc.	
	<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.	
<b>Medium Risk Hazards</b>	<b>Extreme Temperature</b>	Human life, Cattle population, Crops, transportation activities.	
	<b>Floods</b>	Human life, cattle life, crop life, property and public infrastructure.	
	<b>Epidemic</b>	Human Life, animal life	
<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			



Public health centre	-	-	Chaura
Dispensaries	-	-	-
Veterinary Hospital	1	9416035014	1 km
Private Hospital	--	-	-
OPD Facility	-	-	-
X Ray Facility	-	-	-
Ambulance service	01		3km
Medicine Shop	-	-	-
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# 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:

- 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

**\* This is an indicative list of schemes/ projects – one MUST cross check them with concerned department in your district. Other state/ centre schemes may also be included that are relevant to mitigation and preparedness measures.**

**You have to also explain about the schemes such that which scheme can be used in which disaster management activity.**

# 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	Mahinder	9416035014
ii.	<b>Village Secy</b>	Nodal Officer	Hawa Singh	9812093327
iii.	<b>Patwari</b>	Member	Shamsher	
iv.	<b>Numberdar</b>	Member	Shishpal	9996160761
v.	<b>SC Panch</b>	Member	Soni	8950261995
vi.	<b>BC Panch</b>	Member	Sanjiv	8529912118
vii.	<b>Women (Mahila) Punch</b>	Member	Savita	
viii.	<b>Anganwadi Worker</b>	Member	Sunita	
ix.	<b>SHG Heads</b>	Member		
x.	<b>School Representatives</b>	Member	Surya devi	9813428851
xi.	<b>Ex-servicemen</b>	Member	Balbir	9050767426

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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<b>Deputy Commissioner</b>		
<b>SP</b>		
<b>ADC</b>	<b>0184-2267357</b>	
<b>SDM</b>	<b>9416922500</b>	
<b>ADO</b>		
<b>BDPO</b>	<b>9896134254</b>	<b>BDPO GHD</b>
<b>Police Officer SHO</b>	<b>9729990717</b>	<b>SHO GHD</b>
<b>Village Secretary</b>	<b>9812093327</b>	
<b>Gram Pradhan</b>		
<b>BEO</b>	<b>9466623222</b>	<b>BEO Ghd</b>
<b>Fire Officer</b>		
<b>SMO</b>	<b>9416871560</b>	<b>Ch Ghd</b>

### 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	Ravinder	Pvt. Job	9996394642	
2	Anil	Do	9896751014	
3	Vijay pal	Do	9896930052	
4	Anil kumar	Do	9996660355	
<b>Evacuation Team</b>				
1	Mukesh	Do	9896000269	
2	Ajay kumar	Do	9996155262	
<b>Search and Rescue Team</b>				
1	Rajinder	Pvt. Job	9896711980	
2	Sandeep	Do	9896000150	
<b>First Aid Team</b>				
1	Ram Saran	Do	9996102025	
2	Sandeep	Shopkeeper	8059156973	

3	Sompal	Do	9896186962	
<b>Relief Management Team</b>				
1	Vikas	Pvt job	9671673062	
2	Dhoom Singh	Do	9992788398	
<b>Sanitation Team</b>				
<b>Shelter Management Team</b>				
1	Hardeep	Do	9466942104	
<b>Carcass Disposal Team</b>				
1	Ajay	Do	8950041170	
<b>Damage &amp; Need Assessment Team</b>				
1	Akshay	Do	8222850033	
<b>Rehabilitation &amp; Reconstruction Team</b>				
1	Aman	Do	9896927450	
2	Ashok	Do	9816087256	

**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	Ompal	Pvt job		9412463002
2	Ashok	Do		9996321007
3	Vickas	Do		9896531031
4				

**3.5 Village level Skilled persons**

Name	Expertise	Address	Telephone #
Manoj	Self employee		9413476762
Joginder	--		9416275038


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# 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 – 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.

**Put block resource inventory as annexure**