

VILLAGE SAFETY INITIATIVE

By



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

VILLAGE DISASTER MANAGEMENT PLAN

Dabkauli Khurd, Indri

2015-16



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

Village Disaster Management Plan

Contents

S.No.	Chapter	Page
1.	Situational Analysis of Village	
2.	HRVC Assessment	
3.	Response Plan	
4.	Mitigation & Preparedness Plan	
5.	Contact details & Updation Mechanism	

Chapter 1: Situational Analysis of Village

1.1. Introduction

Village Profile: - a) Description of village

.....
.....
.....

b) Village at a glance as under

Name of Village	Dabkauli Khurd
Name of Patwari	Dhyan Chand
Name of Village Secretary	Vikash Jaglan
Contact No. of Village Secretary	9050507795
Name of Panchayat	Dabkauli Khurd
Name of Sarpanch	Satpal
Contact No. of Sarpanch	9813629963
Name of Block	Indri
Name of Teshil	Karnal
Name of Police Post/Station	Police Chowki Biana
No. Of house holds	140
Hospitals	Near Dabkoli Kalan 2 km
Schools	Govt School.
Industries	No
Religious Institutions	Near Ravidas Mandir

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	763	404	359
Children	119	63	56
People with disabilities	10	8	2
Elderly/aged	3	3	0
Those who dependent upon specific medication for survival	Nil	-	-
Transgender	No	No	No

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 500 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				No	
	Rice	300				
	Suger cane	200				
					

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>
Yamuna	1				10	

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 primary school Dabkali kalan.

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	Nil		
2	CHC	-		

3	Medical Shop	-		
4	Anganwadi centre	1	Manjeet kaur	9896407927
5	ANM	1	Chitra	8295929803
6	ASHA workers	1	Pinki	7027825225
7	Pvt. Hospital	Nil		
8	Pvt. Doctors	1	Ashok kumar	
9	Veterinary doctors	Nil		
10	Veterinary practitioners	Nil		
11	Medical practitioners	No		
12	Religious Institution	1		
1	Govt. Primary Schools	No		
Others Details of Village				
			<i>Depend upon</i>	
1	Literacy Rate	70%	50%	
2	Education	Primary	Labour	
3	Economy of Village		Labour	
4	BPL Family	=30		
Household Details				
1	Total House Hold		150	
2	Kucha		10	
3	pucca		70	
4	Semi pucca		70	
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>Vulnerable 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	50
HH with poorly constructed houses	10
Old aged population (above 65 age)	30
Children below (0-6 age)	119
Women headed households	25
BPL population	350
Landless HH	350
HH (Low income group)	350

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			

Public health centre			
Dispensaries			
Veterinary Hospital			
Private Hospital			
OPD Facility			
X Ray Facility			
Ambulance service			
Medicine Shop			
.....			
.....			

DRAFT

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.
-
-

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

DRAFT

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	Satpal	9813629963
ii.	Village Secy	Nodal Officer	Vikas	9050507795
iii.	Patwari	Member	Balinder	9729430089
iv.	Numberdar	Member	No	
v.	SC Panch	Member	Sonia	8816007082
vi.	BC Panch	Member	Kavita	9996715672
vii.	Women (Mahila) Panch	Member	Sangeeta	
viii.	Anganwadi Worker	Member	Manjeet kaur	9896407927
ix.	SHG Heads	Member		
x.	School Representatives	Member	Narender	9050579293
xi.	Ex-servicemen	Member	No	

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>
Deputy Commissioner		Karnal

SP		Do
ADC	Karnal	
SDM	Indri	
ADO	Krnal	
BDPO	Indri	
Police Officer SHO	SHO Indri	
Village Secretary	Vikas	9050507795
Gram Pradhan	Satpal	9813629963
BEO		
Fire Officer		
SMO	Indri	

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Lakhbir singh	Farmer	9467207717	
2	Charan Singh	Labour	9813578291	
3	Jitender kumar	Labour	9729923666	
4				
Evacuation Team				
1	Sujan	Labour	9671130070	
2	Subhash	Labour	9991040868	
Search and Rescue Team				
1	Baljeet	Farmer	9991323927	
2	Brijpal	Farmer	9728742675	
First Aid Team				
1	Raman kumar		9813304207	
2	Ved Parkash	Labour	9996606243	

Relief Management Team				
1	Jaswinder	Farmer	9991676471	
2	Aanand	Labour	9813449337	
Sanitation Team				
1	Balinder	Labour	9991882998	
2	Ram nath	Labour	9991226681	
Shelter Management Team				
Carcass Disposal Team				
Damage & Need Assessment Team				
Rehabilitation & Reconstruction Team				

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	Satpal	Sarpanch		9813629963
2	Sachin	Panch		9992152734
3	Surender	Panch		8053161175
4	Pawan	Panch		8816007082

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Raman kumar		Dabkoli khurd	9813304207
Ram Nath		-	9991226681
Jitender		-	9729923666
Sujan		-	9671130070
Subhash		-	9991040868

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.