

VILLAGE SAFETY INITIATIVE

By



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

VILLAGE DISASTER MANAGEMENT PLAN

Chora Khalsa, Ghraunda

2015-16



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

Village Disaster Management Plan

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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

Name of Village	Chora Khalsa
Name of Patwari	Ishwar Sharma
Name of Village Secretary	Satish
Contact No. of Village Secretary	9991561196
Name of Panchayat	Chora Khalsa
Name of Sarpanch	Ritu Rani
Contact No. of Sarpanch	9996188864
Name of Block	Gharaunda
Name of Teshil	Gharaunda
Name of Police Post/Station	Gharaunda Thana
No. Of house holds	628
Hospitals	PHC
Schools	10+2
Industries	Shahib seeds pestiside
Religious Institutions	Sanatan Dharam Mandir, Arya Samaj Mandir

1.2. Population :-

<i>Description</i>	<i>Person</i>	<i>Male</i>	<i>Female</i>
Total Population	3419	1789	1630
Children	482	251	231
People with disabilities	20	17	3
Elderly/aged			
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 759 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	380	6 th	No	No	-
	Rice	379	6 th	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>
Yamuna	2	2	-	-	15	yes

1.6. Educational Institutions and Literacy Rate

Literacy rate of village is 72.97 percent. There is only one middle Government Gharaunda Higher Secondary 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. Road from 1 bus Haryana roadways, auto pvt. Chora to Gharaunda is in bad shape. For commuting, people prefer autorikshaws and private bus service Panori to Garhi Khajur Road is not good.

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	1		9896178513
2	CHC	-	-	-
3	Medical Shop	3		
4	Anganwadi centre	4	Parveen Bala	9896986010
5	ANM	1	Jyoti	7027825693
6	ASHA workers	4	Rita	7027824862
7	Pvt. Hospital	-	-	-
8	Pvt. Doctors	-	-	-
9	Veterinary doctors	1		
10	Veterinary practitioners	-	-	-
11	Medical practitioners			
12	Religious Institution	03	Sanatan Dharam Mandir, masjid	
1	Govt. Primary Schools	1	High school Veerbhan	9896342567
Others Details of Village				
				<i>Depend upon</i>
1	Literacy Rate	70%		72.97%
2	Education	Primary		20%
3	Economy of Village			76.33% out worker
4	BPL Family	=30		87 Households
Household Details				
1	Total House Hold			628 House holds
2	Kucha			-
3	pucca			400 household
4	Semi pucca			228 household
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	Low	Due to bad shape of roads
Flood	Low	Rain
Earthquake	High	
Building collapse	Low	
Epidemic / Contagious disease	Low	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>Vulneable Groups</i>	<i>Facilities Affected</i>
1	Flood	All site of Village	1.Old Age, (Mention the numbers) 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	125 (approx)
HH with poorly constructed houses	-
Old aged population (above 65 age)	200 (approx)
Children below (0-6 age)	482 (approx)
Women headed households	59 (approx)
BPL population	87 (Households)
Landless HH	250 (approx)
HH (Low income group)	

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	(1) CHC,Ghd		7 k.m.

Public health centre	01	Mo	9896178513
Dispensaries			
Veterinary Hospital	01		
Private Hospital	-	Yes	-
OPD Facility	-	Yes	-
X Ray Facility			
Ambulance service	-	-	-
Medicine Shop	03	Village itself	
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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....)
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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

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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	Ritu Rani	9996188864
ii.	Village Secy	Nodal Officer	Satish	9991561196
iii.	Patwari	Member	Ishwar	8607309047
iv.	Numberdar	Member	Ram Chander	8816881948
v.	SC Panch	Member	Vikram singh	9050002394
vi.	BC Panch	Member	Asha	9996632979
vii.	Women (Mahila) Panch	Member	Rajni	8053400293
viii.	Anganwadi Worker	Member	Parvi bala	9896986010
ix.	SHG Heads	Member	-	-
x.	School Representatives	Member	-	-
xi.	Ex-servicemen	Member	Narender Kumar	7206500454

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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Deputy Commissioner	Sh. J Ganeshan	0184-2267500
SP	Pankaj Nain IPS	97299-90700
ADC	Sh. Dharmvir	0184-2267351
SDM	Sh. Yogesh Kumar	94169-22500
ADO		
BDPO	Bijender Kumar	98961-34254
Police Officer SHO	Manoj Kumar	92299-90717
Village Secretary	Satish	99915-61196
Gram Pradhan	Ritu Rani	99961-88864
BEO	BEO GHD	94666-23222
Fire Officer	Ghd	101
SMO	Kuljeet Lather	9416871560

3.3 Members of Village Disaster Management Teams (VDMT)

S. No.	Name	Designation	Contact Number	Contact Address
Early Warning and Information Dissemination Team				
1	Yasin Ali	Samaj Sevi	99962-20720	
2	Vikram		90500-02395	
3	Ashok	NBA Cordinator	98967-41246	
4				
Evacuation Team				
1	Rahul Singla		99961-07778	
2	Tahir	Self Employee	98134-40904	
3	Balram	Depo holder	99966-33243	
Search and Rescue Team				
1	Ravi		82958-17535	
2	Sanjeev Khurana			
3	Amar Singh	Farmer	96711-57809	
First Aid Team				
1	Naresh Kumar	Self Employee	80595-98881	

2	Raj Kumar	Chowkidar	98132-47934	
Relief Management Team				
1	Jyoti	ANM	83968-42858	
2	Pala Ram	Self Employee	80534-00293	
Sanitation Team				
1	Yasmin	Prerak	72066-12588	
Shelter Management Team				
1	Purshotam	Shopkeeper	99927-88172	
Carcass Disposal Team				
1	Vikram Singh	Panch	90500-02395	
Damage & Need Assessment Team				
1	Subhash	Panch	80531-82151	
2	Nar Singh		98966-81735	
Rehabilitation & Reconstruction Team				
1	Roshan Lal	Farmer	83969-87069	
2	Ram Chander	Namberdar	97293-59205	

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	Kali Ram	Shelf Employee		89305-17133
2	Satpal	Shopkeeper furniture		9996183944
3				
4				

3.5 Village level Skilled persons

Name	Expertise	Address	Telephone #
Tahir	Shelf employee		98134-40904
Raj kumar	Chowkidar		97293-47034

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.