

District Disaster Management Plan Anand



**Gujarat State Disaster Management Authority
&
Collector Office – Anand**

Preface

In recent years, the Government of Gujarat has been giving increased focus towards the Disaster Management and related aspects. As a part of Disaster Risk Management, all the Villages, Taluka and City in the Anand district have prepared their Disaster Management Plans and are being updated every year.

The District Disaster Management Plan is a summary document giving the details about the hazards, its history, vulnerability analysis, risk assessment and flood management strategy and mitigation plan. It also outlines the flood response plan, warning system, communication system, search, rescue, relief operations and contingency plans.

We have tried to include the District related information, Risks and Preparedness against risks, responses at the time of disasters as well as Disaster Management and strategy during the disaster etc for Anand District. This Plan is updating periodically, and also we are improving it through our draw backs, errors and new lessons learnt.

This document shall go a long way in helping the district administration in tackling the disaster situations in a systematic and smooth manner.

Collector Anand

INDEX

Content	Page No.
Chapter 1 Introduction	5
Chapter 2 District Profile	28
Chapter 3 Institutionalization and Multi- Hazard Response Measures	37
Chapter 4 Preparedness , Prevention, & Mitigation	60
Chapter 5 Social Inclusion in Disaster Risk Reduction	75
Chapter 6 Recovery And Building Back Better	80
Chapter 7 Financial Arrangement	89
Chapter 8 Capacity Building	92
Chapter 9 Maintaining And Updating The Plan	97
Annexure 1 Resources/Equipment Available In Anand District-2024	99
Annexure 2 List Of Resources Available From Private Ownership By R&B State In Anand District	100
Annexure 3 List Of Resources Available From Private Ownership By R&B Panchayat In Anand District	102
Annexure 4 List Of Excavator (Nt) Provide By Arto,Anand	104
Annexure 5 List Of Crane By Arto	105
Annexure 6: Health Department Plan	106
Annexure 7 List Of Aapda Mitra	117
Annexure 8 List Of Swimmer Taluka Wise	126
Annexure 9 Shelter homes in Anand District	134
Annexure 10 Safety Equipment Details Of Psu And Mha Units	147
Annexure 11 Control Rooms Contact No	153
Annexure 12 Details Of Pipeline Operation In Anand District	156
Annexure 13 List Of Major Hospitals services	157
Annexure 14- Low Laying Area Of Anand District Vulnerable Villages Due To Flood In Mahi River	158
Annexure 15 List Of Ngos In Anand District	161
Annexure 16 List Of Helipad At Various Taluka In Anand District	161
Annexure 17 Latitude And Longitude Of Valnarable Village Of Anand District	166
Annexure 18 Contacts } , 14, 20 ?	167
Annexure 21 Map	170

Chapter 1 - Introduction

Disaster refers to “a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or man-made causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to, and destruction of, property, or damage to, or degradation of, environment, and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area, according to the Disaster Management Act, 2005. The UNISDR defines disaster as, a serious disruption of the functioning of a community or a society involving widespread human, material, economic or environmental losses and impacts, which exceeds the ability of the affected community or society to cope using its own resources.’ Disaster threatens sustainable socio-economic development worldwide. In the past twenty years, earthquakes, floods, tropical storms, droughts and other calamities have killed millions of people; inflicted injury and diseases; caused homelessness and misery to around one billion people around the world. These have also resulted in damage to infrastructure worth millions of rupees. Disaster destroys decades of human lives, effort and investments; hence, it is placing new demands on society for reconstruction and rehabilitation.

The UNISDR also defines disaster risk management as, The systematic process of using administrative directives, organizations, and operational skills and capacities to implement strategies, policies and improved coping capacities in order to lessen the adverse impacts of hazards and the possibility of disaster.’ Disaster management, thus, requires a multidisciplinary and proactive approach. The government, community, civil society organizations, media, and all other stakeholders have to play a role in case such exigency occurs. The various prevention and mitigation measures outlined in the plan are aimed at building up capabilities, not only to deal with disasters when they occur but also in pre- and post-disaster conditions.

District is an important administrative unit and can play a very significant role in strengthening the processes of disaster risk reduction (DRR), by integrating the disaster risk concerns and related activities in the development programmes. Thus, it can enhance decentralized planning and delivery mechanism, which is the basic tenet of our governance structure. Flood control, drought mitigation and cyclone risk reduction activities can be taken up through programmes like the Integrated Watershed Management Programme, National Rural Employment Guarantee Act, Coastal Zone Development Programme, PM Awas Yojana, National Rural Health Mission, among many other such programmes that the government has provided for assisting the people of India.

1.1 DDMP Vision

The vision of the plan is to make Anand district disaster resilient, achieve substantial and inclusive disaster risk reduction, and significantly decrease the losses of life, livelihoods and assets – economic, physical, social and environmental – by building local capacities and maximizing the ability to cope with disasters by at all levels of administration as well as among communities.

1.2 Legal Mandate

Chapter IV, Section 25 of the Disaster Management Act, 2005, mandates that there shall be a District Disaster Management Authority (DDMA) for every district in every State of India. Under Section 30, Sub-section 2 (i) and(ii) and Section 31, the respective DDMA's shall be responsible for preparing a

disaster management plan including district response plan for the district and for coordinating and monitoring the implementation of the National Policy, State Policy, National Plan, State Plan and District Plan. The Gujarat State Disaster Management Act, 2003, also instructs the State Disaster Management Authority (SDMA) to develop or cause to develop guidelines for disaster management plans and strategies at local levels, under Section 15 (Sub-sections 1 and 2).

1.3 Purpose and Scope

1.3.1 Purpose of the DDMP

Along with the legal mandate, the proposed plan complies with the National Disaster Management Policy, 2009, the National Disaster Management Plan (NDMP), the State Disaster Management Plans (SDMPs), the Sendai Framework, Sustainable Development Goals (SDGs), COP 21 and the PM's ten-point agenda for Disaster Risk Reduction (DRR). Accordingly, the main purposes of the DDMP are to:

- a) Improve the understanding of disaster risk, hazards and vulnerabilities;
- b) Facilitate planning and operational framework and strengthen disaster risk governance at district level;
- c) Identify vulnerable areas, population and assets and associated risks;
- d) Identify available resources and support resource mobilization;
- e) Identify the functions and responsibilities of district level authorities and different line departments;
- f) Assist in vertical and horizontal co-ordination of authorities;
- g) Assist in capacity development of the communities, for effectively responding to multiple hazards and for community based disaster management;
- h) Invest in DRR for resilience through structural and non-structural measures;
- i) Identify specific action points for disaster preparedness, prevention, mitigation and response;
- j) Promote Build Back Better in recovery, rehabilitation and reconstruction;
- k) Assist the mainstreaming of DRR into developmental planning and processes.

1.3.2 Scope of the DDMP

In accordance with Disaster Management Act, 2005, the DDMP shall include:

- a) Areas in the district vulnerable to different forms of disasters;
- b) Measures to be taken, for prevention and mitigation of disaster by the Departments of the Government at the district level and local authorities in the district;
- c) Capacity-building and preparedness measures required to be taken by the district level and local authorities in the district to respond to any threatening disaster situation or disaster;
- d) Response plans and procedures for allocation of roles and responsibilities to the district level and the local authorities and prompt response to disaster and relief;
- e) Measures for procurement of essential resources; establishment of communication links; and the dissemination of information to the public.

1.4 Approach and Guiding Principles

- DDMP shall take into consideration multi-stakeholder principles, incorporating the principles of Sendai Framework, Sustainable Development Goals (SDGs), COP 21 and the PM's ten-point agenda for Disaster Risk Reduction (DRR).

- DDMP shall be prepared in accord with the State Disaster Management Plan (SDMP) and incorporate relevant data from Taluka Disaster Management Plans (TDMP) and Village Disaster Management Plans (VDMP), for proper analysis and strengthen the DDMP.
- DDMP shall take into consideration people's participation, decentralized governance, gender justice and mainstreaming, social inclusion and key humanitarian principles.
- DDMP shall promote multi-hazard planning and identify good practices and gaps with respect to preparedness, response and mitigation strategies.

The DDMP provides an all-encompassing planning framework for disaster management for the whole district, which must be reviewed and updated annually. The entire process of disaster management which includes various phases of prevention, preparedness, mitigation, response and recovery, involves various governmental and non-governmental agencies. Therefore, inter-agency coordination, partnership with stakeholders and their mobilization at the time of disasters is extremely important for the successful implementation of the DDMP and ensuring effective risk reduction, response and recovery. This document provides basic information required for the management of disasters in Anand District by:

- i) Defining the Risks and Vulnerabilities of citizens of the district to different disasters;
- ii) Identifying private and public sector stakeholders with prime and supporting responsibilities to reduce or negate these vulnerabilities;
- iii) Defines actions to be taken by these parties to avoid or mitigate the impact of possible disasters in the district.

1.4.1 Subsidiary plans developed:

1. At the Village (VDMP) and Taluka level (TDMP);
2. For major industrial sites located in the district (Off-site Emergency plan for Industrial Accidents available with DISH);
3. Through Standard Operating Procedures (SOPs) of Line Departments detailing how specific disaster response actions will be accomplished.
4. Developing and maintaining SOPs are the responsibility of parties with designated prime or supporting tasks assigned by this plan.

(A) Natural Calamities

- | | |
|--|------------------------|
| * Floods | * Earthquake |
| * Cyclone | * Drought and Salinity |
| * Biological Disaster or Epidemic of Human/livestock/crops | |
| * Heatwave | |

(B) Man Made Calamities

- | | |
|------------------------------|-------------------------------------|
| * Industrial Disaster | * Radiological Disaster |
| * Accidents | * Railways |
| * Road | * Fire |
| * Building Collapse | * Bomb Blast (Terrorist Activities) |
| * Stampede at crowded Places | * Food Poisoning |

The mode, degree and extent of response to fight out any Disaster depend upon the nature, degree and extent of Disaster, but some points are common to all kinds of situations. First, appropriate and

adequate steps for preventing the disaster should be undertaken. Second, preparedness is required to contain the damages and casualties resulting from the Disaster. Third, steps for rehabilitation and restoration of community life within a reasonable time should be focused on.

1.4.2 Trigger mechanism for putting the plan in to action

Chapter XIII, Section 32 of Gujarat Disaster Management Act, 2003, clearly defines the process of declaring an area as disaster affected or disaster prone, which acts as a trigger mechanism for putting relevant DM plan into action. These provisions are:

Where there is threat of an impending disaster or where a disaster has occurred-

- (a) In an area spread over more than one district; the Commissioner, and
- (b) In an area restricted to a district, the Collector – may immediately make a report to that effect to the State Government.

If the State Government is of the opinion that there is a threat of an impending disaster or that a disaster has occurred in an area of the State and that it is expedient, for the purposes of preventing such disaster or of coping with its effects, it may, by notification published in the Official Gazette and in any one or more newspapers having widest circulation in the area, declare such area to be disaster prone area or disaster affected area. The respective authorities (including State authority, Commissioner, Collector, Departments and other agencies) shall perform the duties of Disaster Management in accordance to the Act until the time period of declaration. This period can be extended, if required by the competent authority. The Authority, the Commissioner, the Collector and all other agencies, shall cease to perform their functions in the affected area, on the expiry of the period.

1.4.3 Level of disasters

A concept has been developed to define different levels of disasters in order to facilitate the responses and assistances to States and Districts.

L0 level denotes normal times which will be utilized for close monitoring, documentation, prevention and preparatory activities. Training on search and rescue, rehearsals, evaluation and inventory updating for response activities will be carried out during this time.

L1 level specifies disaster that can be managed at the District level, however, the State and center will remain in readiness to provide assistance if needed.

L2 level disaster situations are those, which require assistance and active participation of the state, mobilization of its resources for management of disasters.

L3 level disaster situation is in case of large scale disaster where the State and District authorities have been overwhelmed and require assistance from the Central Government for reinstating the State and District machinery as well as for rescue, relief, other response and recovery measures.

In most cases, the scale and intensity of the disaster as determined by the concerned technical agency like IMD are sufficient for the declaration of L3 disaster.

DDMP

1.4.4 Annual Plan Maintenance

DDMC shall compile its learning and proposed new mechanisms for improvement of the capacity to deal with disasters.

Major Learning based on experience of last disasters and mock drills (on planning/implementation/compliance)	Revisions adopted/proposed	Remarks

The District Collector is responsible for the preparation and revision of the District Disaster Management Plan in collaboration with the line departments and other organizations in the district.

The plan should be reviewed annually and updated:

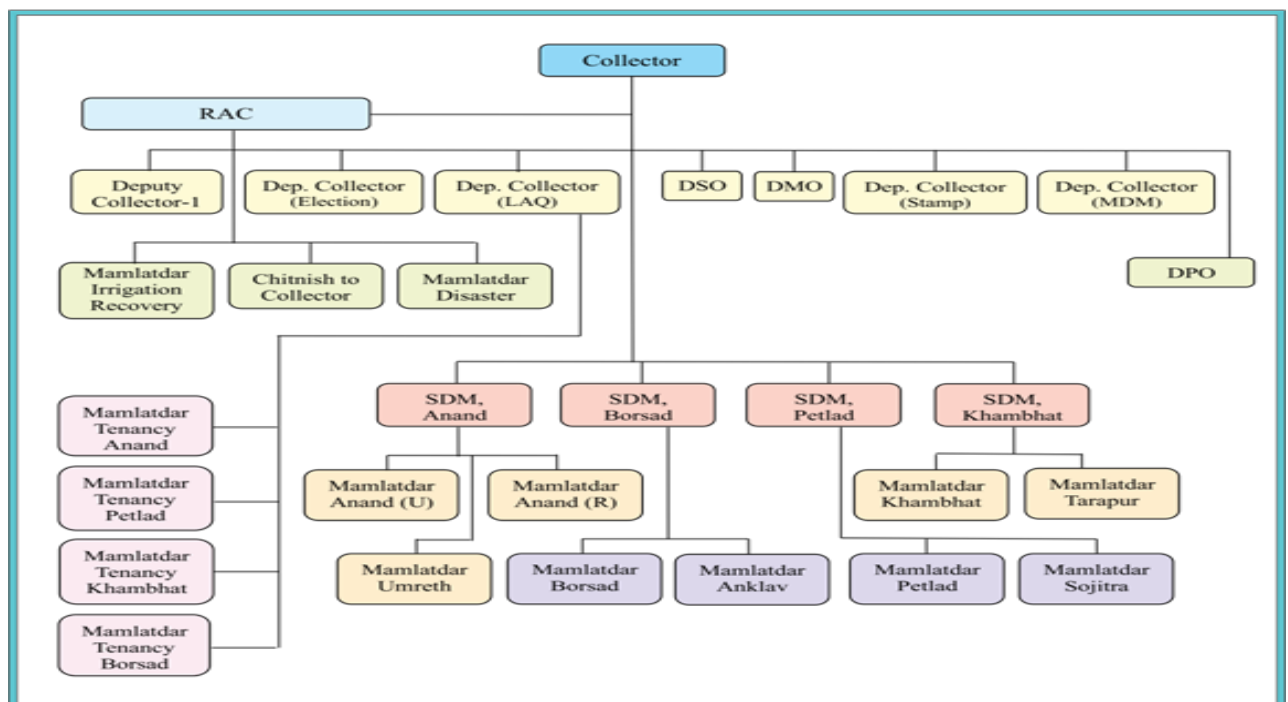
- When significant changes occur in the nature of hazards
- Lessons learnt following any major disaster or
- When there is any significant change to the organization or responsibilities of primary members of the task forces defined in the plan.

The revised plan should be submitted to GSDMA and the Relief Commissioner.

1.5 Organizational Structure

1.5.1 District Revenue Administration

District Revenue Administration



1.6 Organizational Structure Specific to Disaster Management

The Disaster Management Act, 2005, specifies the roles and responsibilities of the District Disaster Management Authority (In Anand, it is District Disaster Management Committee (DDMC)) as follows:

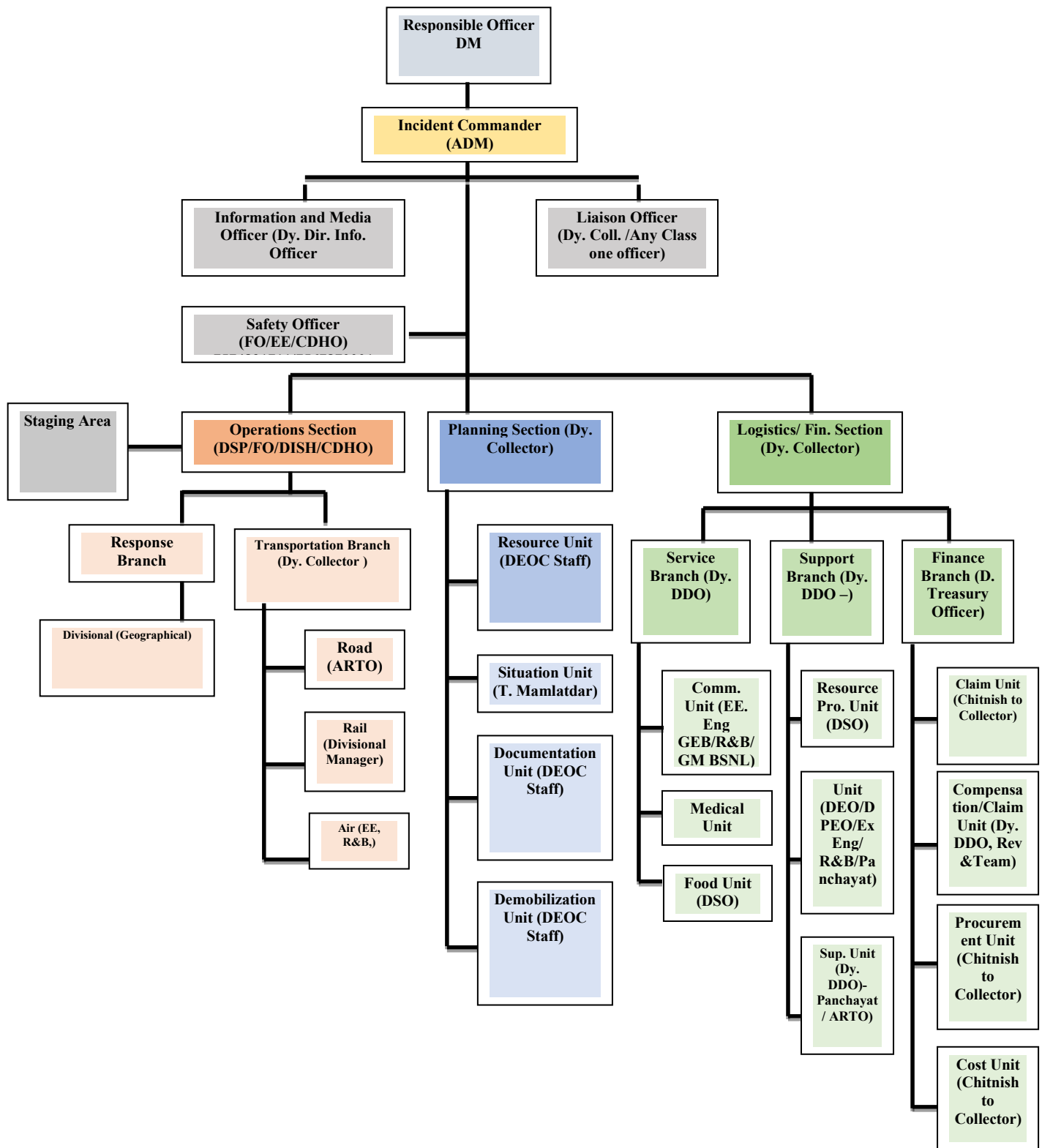
It shall consist of the Chairperson and a maximum of 7 other members as may be prescribed by the State Government, and unless the rules otherwise provide. As per the Act, it shall consist of the following persons:

- a) the Collector or District Magistrate or Deputy Commissioner, as the case may be, of the district who shall be Chairperson, *exofficio*;
- b) the elected representative of the local authority who shall be the co-Chairperson, *exofficio*;
Provided that in the Tribal Areas, as referred to in the Sixth Schedule to the Constitution, the Chief Executive Member of the district council of autonomous district, shall be the co-Chairperson, *ex officio*;
- c) the Chief Executive Officer of the District Authority, *exofficio*;
- d) the Superintendent of Police, *ex officio*;
- e) the Chief Medical Officer of the district, *exofficio*;
- f) not exceeding two other district level officers, to be appointed by the State Government.

1.6.1 Incident Response System: IRT Framework

As per NDMA's IRS guidelines, IRT at District, Sub-Division, Tehsil and Block level should be constituted under the written directives of District Magistrate (DM). These teams will include experienced officers / employees at all levels and respond to all natural and man-made disasters. The lowest administrative unit (Sub-Division, Tehsil or Block) will be the first responder as the case maybe. IRT at all levels will have same structure, i.e. IC supported with Operations, Planning and Logistics Sections. The IRTs are to be pre- designated at all levels

In general, the selection of Section Chiefs is made according to the suitability and capability of the officer. The selection of the Operations Section Chief, however, depends on the nature of the disaster. In case of flood and earthquakes reaching the affected area, rescuing the affected people and providing relief to them is the main task of the responders. People have to leave their home in a hurry and they are not able to take away their valuables. These abandoned houses become vulnerable. The relief materials while being transported also become prone to loot. In such cases, Police and the Armed Forces are the best suited to handle and lead the operations. In case of fire, it will be the District Fire Officer who will be appropriate officer to handle the situation. In case of health related disaster, it would be the District Chief Medical Officer and so on.



1.6.2 Roles and Responsibilities

appointed officials from the primary and secondary agencies with Functions				
No.	Name	Function Lead and Department	Support Departments/Agencies	Functions during Emergency
01	Communication	EOC/Dept. Science & Technology	• BSNL/Other Service provider, • All India Radio/Television • Satellite • Mobile • Ham Radio • Police/Wireless (POLNET)	• To restore communication facilities after disaster. • To provide emergency communication linking for EOCs. • To ensure communication facilities to support state and district actions • To coordinate the temporary communication requirements
02	Search and Rescue	S.P. (Police Department)	• Fire officer, Fire services • Home Guards • Gram Rakshak Dal • NSS/NCC/NYKS • SEOC • Parliamentary Forces- CRPF and SRP • NDRF • Air/Army	• To check the evacuation tools and equipments • To work out evacuation plan • To establish linkages and coordination with camp office • To carry drinking water, packed food, emergency medicine etc. for the victims. • To priorities evacuation of children, women, old, disabled etc. • To avoid overloading
03	Relief shelter and	RAC/Liaisoning officer	• Panchayat • Food and Civil Supply (DSO) • Home Guards • Education • ICDS • R&B • Red Cross Society • Industries/CBO • NCC/NSS/NYKS	• To carry cooked dry, fast food materials in properly packed form for immediate distribution • To organize the supply of drinking water • To set up shelter camps, kitchen camps, mobilize volunteer for cooking, serving, washing etc. • To organize supply of food grains and vegetables

				• To line up teams of local youthsto carry out those rescued to relief and sheltercamps • To maintain records of names, villages, Panchyatas andTalukas to which the victimsbelong • To setup latrine andbathrooms • To take special care of Children, women, old and disabled, especially those separatedfamilies. • To set up disaster relief centerto receive, collect, sort out and distribute reliefmaterials • To organize proper supply chainto reach the same tovictims.
04	Health and Sanitation	Civil Surgeon, Health Department	• Hospitals • Nagarpalika/Municipal Corporation • Red CrossSociety • CivilDefence	• To check the equipment's andstock ofmedicines • To teams formation ofmedical personnel • To organize first aid providingteam in largernumber • Public health advice andwarnings to participating agencies and the community • To organize mobile medical vanto attend to emergencyneeds To carry medical campsetting facilities To keep an eye on the possibilities of outbreak ofepidemics. To include locally availablemedical staff in health checkupexercise. • To keep record of patientstreated.

05	Live stock Shelter and Fodder	Dept. of Animal Husbandry	Veterinary Hospitals Fodder Suppliers Panjarapol	To setup feeding camp for animals at some distance from shelter for human beings. To vaccinate the animal if not vaccinated earlier. To organize disposal of garbage. To mobilize veterinary team locally.
06	Drinking Water and Supplies	GWSSB, Water Supply	Minor Water Resources DRDA Electricity Department Corporate Support NGOs	To identify the sources to provide drinking water and restore supply. Restoration of well. To install hand pumps. To provide Chlorine tablets. To distribute mineral water bottles of available in large stock.
07	Power	Executive Engineer, MG VCL/DGVC L	Genset Suppliers Other Power generation providers	To carry repair and maintenance kits for generator sets and other devices. To check electricity supply line and restore supply. To organize alternative source to provide electricity. To carry replacement generator set where needed. To organize and ensure power supply to hospitals, shelter camps, kitchen, onsite EOCs and other important institutions.
08	Transport	RTO	ST (state transport) Private Transport Carriers Private Boat Owners Ambulance Service Railways Air Force	To know loading and unloading point nearest to the incident site. To coordinate the transport requirements of the emergency support forces. To arrange transportation of relief and rescue materials. To coordinate and provide transport facilities to all support agencies. To regulate the movement of traffic on site

09	Public Works	R & B , Nagarpalika	Panchayat Health Education ICDS Police WaterSupply	To restore the roadconnectivity. To construct temporarybridges where required To organize repairing of health center, schools, importantbuildings To undertake supervision and surveillance of constructionworks
10	Removal and Clearances	R & B , Nagarpalika	Revenue Civil Surgeon,Health Department R &B HomeGuards Police Community NCC / NSS / NYKS	To organize voluntaries forremoval of dead bodies both human and animal. To organize local force for clearing debris of building, bridges, roadetc. forreconstruction To organize local for choppingand removing of fallen treesetc. To organize burning or buryingof the deadbodies
11	Information Dissemination and Helpline	Information Dept.	Revenue Panchayat Police Media Colleges andUniversities NCC / NSS / NYKS	To gather correct informationfrom authoritiesonsite. To keep the list of personsrecued with fulldetails. To keep the list of personsmissing. To keep the no. of dead bodiesand the locations they have beenput. To keep a track of which teamis positioned withlocation. To make use of the publicaddress system to call anybody To schedule working in short duration Evacuation&Shelter.

12	Damage Assessment	DDO	Dept. of Agriculture DRDA Nagarpalika Civil Surgeon, Health Dept. Animal Husbandry Water Supply DGVCL Line Departments for departmental loss	To conduct damage assessment using the format during and immediately after the disaster. Taluka and Panchayats affected, Affected Population Size, Human lives lost, Livestock lost, Resources damaged Infrastructure damaged Roads, Bridges Schools, Hospitals, Anganwadis, Panchayat Bhawan, Houses, Govt. Buildings, Electric Supply, Water Supply, Crops/ Agricultural Land
13	Relief Material Management	RAC/Additional Collector (District Nodal Officer) Disaster Management	District Warehouses NCC / NSS / NYKS NGOs / CBOs Merchant Association Industrial Association Hotel Association	To set up Relief Material management camp onsite to create three centres: Fund, Relief, Services. To carry receipts Stamps etc. for cash / cheque / draft To identify storage centre for receiving relief materials for storing, packing and proper distribution of the same. To keep records of supplies sent, with whom and when. To depute volunteers required, and take care of their basic needs as well as reliever teams i.e. Food and Rest etc.
14	Media	Information Dept.	Disaster Management Dept.	Organize media briefing by senior officer in-charge. Provide graphic and statistical details to the extent possible. Organize visit to shelter, relief and various activity camps. Organize briefing on daily basis preferably in evening. Make the media men interact with other Emergency Functionaries if possible.

15	Law and Order	Superintendent of Police, Police Dept.	Revenue Home Guards Commandant Para-military (CRPF, SRP) Armed Forces	Posting of Police Home Guard, Civil Defense forces in strategic places. Preservation of peace and good order (Particularly in case of ☐ Riots/Accidents/Fire). Prevention of crime. Security of any site as a possible crime scene (Particularly in case of Riots/Accidents/Fire) Investigation of the criminal aspect of any event. Traffic control, including assistance with road closures and maintenance of roadblocks. Crowd management/public safety
----	---------------	--	---	--

Chapter 2 - District Profile

2.1 District Profile

Total no. of Revenue Villages: 359

Total no. of Gram Panchayats (GPs): 354

Location: Latitude: 22.6'- 22.43' Longitude: 72.2'-73.12'

Administrative Features

Distance of the District

from the State HQ:

104Km.

Vadodara : 46Km

Kheda-Nadiad: 18Km

Ahmedabad : 74KM

(*Gram Panchayat Villages)

2.2 Demographic Detail

Taluka	North Latitude	East Longitude	Total Villages
Anand (C)	22.556°	72.951°	-
Anand (R)	22.556°	72.951°	44*
Umreth	22.7000°	73.1200°	39*
Petalad	22.4700°	72.8000°	57*
Sojitra	22.5500°	72.7197°	24*
Borsad	22.4200°	72.9000°	65*
Anklav	22.3913°	72.9946°	32*
Khambhat	22.3000°	72.6200°	55*
Tarapur	22.4900°	72.6600°	38*
Total			354*

3. Detail	2001	2011	Decadal Growth (%)
Total Population of District	185672	2092745	12.72

Literacy Rate	Total : 84.37	Men: 91.32	Women: 76.36
Sex Ratio	Year 2001 : 920		Year 2011 : 919

No of Villages	No of Panchayats		Total HHs	No of SC HH	No of ST HH
	Village Panchayats	Group panchayats			
365	354	13	4257605	106645	24824

2.2. Physical Features

2.2.1. Water Bodies and Mines

Perennial River	Sabarmati, Mahi
Seasonal rivers:	Sabarmati, Mahi, Shedhi
Dams/lakes/main rivulets	Kaneval lake
Coastline (length)	42.28 KM
Mines	No mines

2.2.2. Land Use Patterns(hectares)

Total Area	Cultivable land		Forest	Cultivable Waste Land (including gauchar)	Uncultivable wasteland	Core village (Gamtal)
	Irrigated	Un-irrigated				
294751	241600	53151	00	18671	68802	00

In the district, as per the landuse data available for 2011 the area under Forest land is nil , land not available for cultivation is 73900 ha and other Uncultivable area excluding fallow land is 24800 ha, and fallow land is 9400 ha. Net area sown is 186600 ha, area sown more than once is 109900 ha, and total cropped area is 296500 ha. Cropping intensity in the district is 158.90%. The net area irrigated by government canals (including panchayat canals) is 95700 ha. The net area irrigated by different sources is 181500 ha, and percentage of net area irrigated to net area sown is 97.27%. The gross cropped area is 296500 ha, and gross irrigated area is 241600 ha. The percentage of gross area irrigated to gross cropped area is 81.48% and irrigation intensity is 133.11.

(Source: District Groundwater Brochure, Anand District, Gujarat, December 2013, Government of India, Ministry of Water Resources, Central Ground Water Board, West Central Region, Ahmedabad)

2.2.3. SoilType

Soil Types	% Area of total land
Black/Brown	90%

2.2.4. Major Source of Irrigation

Irrigation Source	% of total irrigated land
Mahi Irrigation	Around 75 % covered under Mahi irrigation

2.3. Occupational Activities

2.3.1. Agriculture-Major crops of District (Year 2015-2020)

Major Kharif Crops	Major Rabi Crops	Major Summer Crops
Rice	Wheat	Millet
Millet	Chickpeas	Vegetables
Tobacco	Mustard seeds	
Vegetables	Tobacco	
Banana	Vegetables	
Cotton		

2.3.2. Animal Husbandry

Type of Animal	Count
Cow	1,21,227
Buffalo	29,1016
Bullock	10,338
Camel	1,631
Sheep	15,506
Goat	66,867
Other	38,119

2.3.3. Poultry

No of Poultry birds reared	4031
No. of families dependent on poultry	2015

2.3.4. Fisheries

Taluka	Name of Fishing Villages	No. of Families	Total Population	Active Fishermen
Marine Village Centres				
Khambhat	Khambhat	271	1496	348
	Metpur	23	101	59
	Juniakhhol	18	97	54
Estuarine Village Centres				
Khambhat	Vainaj	17	101	23
	Golana	56	276	62
	Mitavi	58	290	67
	Pandad	13	733	255
	Ralej	40	221	48
	Dhuvaran	45	206	93
	Vashana	30	149	30
Borsad	Badalpur	50	266	64
Riverine Village Centres				
Tarapur	Rel	31	135	69
	Galiyana	8	29	18
	Endrajan	81	442	81
	Fatepura	21	93	21
	Kasbara	55	289	55
Umreth	Pratappura	13	61	51
	Khorvad	41	201	103
Anand	Vasad	16	100	16

	Anklavadi	11	11	11
	Vaheravadi	26	148	32
	Kherda	11	59	11
Khambhat	Tadatalav	25	116	50
	Vadgam	42	208	63
	Jagirpura	18	86	18
Borsad	Dahevan	57	244	94
	Sarol	112	506	82
	Valvod	53	206	83
	Gajana	7	48	11
Anklav	Khadol	23	110	49
	Asharma	19	100	68
	Gambhira	35	128	56
	Bamangam	20	91	31
	Mandvapura	26	140	48
	Bhanpura	24	116	30
	Umeta	26	76	26
Freshwater Village Centre				
Tarapur	Varasda	184	834	194

No. of simple fishing boats	168
No. of mechanised fishing boats	0

2.4.1. Other

No. of workers engaged in salt pan	Maximum 1000
No. of salt pan unit	2

2.4.2. Salt Work in Anand District's Khambhat Block

Name of Industry/pan
Maruti Salt & Chemicals Industry Pvt.
Western Salt Industry Pvt. & Po. Ralej, Ta. Khambhat

2.5 Infrastructure and Essential Services

2.5.1 Drinking Water

Major sources	No. of villages having piped water	No. of villages not connected with piped water	No. of villages where water tankers are provided in summer
Kaneval Irrigation reservoir and Vankdloli Irrigation reservoir Bore wales	66	281	0

2.5.2 Road /Railway and Transport

No. of villages with metal access road	360
Railway	Railway Length 183 km

2.5.3 Health Facilities

CHC	PHC	District Govt. Hospital	Sub District Govt. Hospital	Veterinary Hospitals
14	53	1	1	25

2.7. Ecological Profile

2.7.1. Wetlands

Total 1019 wetlands have been mapped in Anand district, with 67570 hectares area. Inland wetlands contribute 13% of the total wetland area and coastal wetlands contribute 87% of the total wetland area. Major wetland categories of the district are Inter-tidal mud flats, mangroves, creeks, and Rivers/streams. Area under aquatic vegetation in post-monsoon is about 2149 hectares and slightly high during pre-monsoon (2092 ha). Open water spread during post-monsoon is about 13765 hectares and 13657 hectares during pre-monsoon.

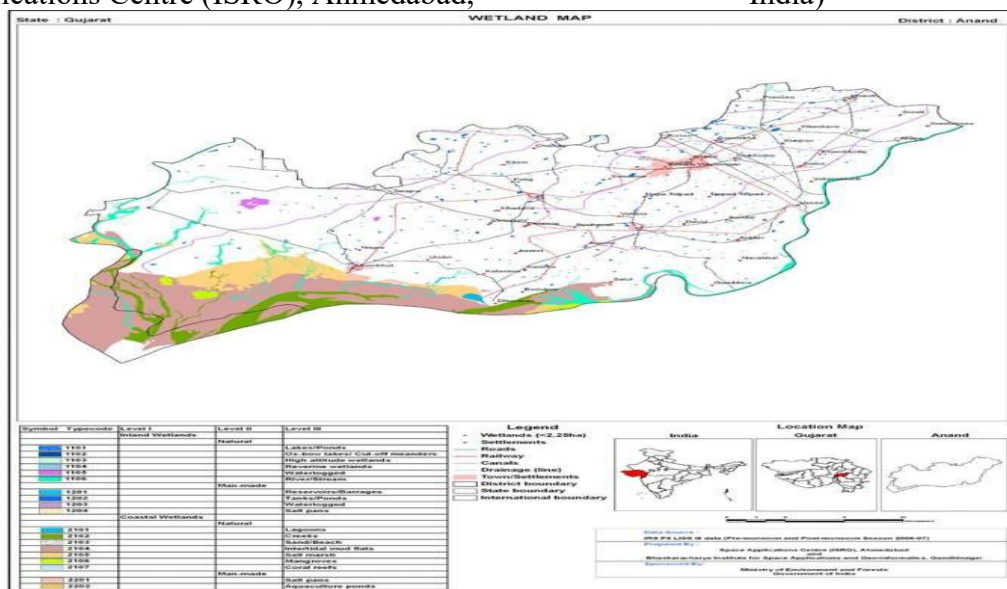
Area estimates of wetlands in Anand (in hectares)

S. No	Wett code	Wetland Category	Number of wet lands	Total wet land area	% of wetland area	Open water	
						Pre monsoon	Post monsoon
	1100	Inland Wetlands – Natural					
1	1101	Lakes/Ponds	2	23	0.03	-	-
2	1105	Water logged	6	634	0.94	109	389
3	1106	River/Stream	16	6081	9.00	2640	2628
	1200	Inland Wetlands - Man-made					
4	1201	Reservoirs/Barrages	1	52	0.08	52	-
5	1202	Tanks/Ponds	311	1730	2.56	1177	528
6	1203	Waterlogged	1	35	0.05	35	-
		Total – Inland	337	8555	12.66	4013	3545
	2100	Coastal Wetlands – Natural					
7	2101	Lagoons	1	294	0.44	294	294
8	2102	Creeks	8	9395	13.90	9395	9395
9	2104	Intertidal mud flats	33	36340	53.78	-	-
10	2105	Salt Marsh	19	11210	16.59	-	-
11	2106	Mangroves	7	1047	1.55	-	-
	2200	Coastal Wetlands - Man-made					
12	2201	Salt pans	2	423	0.63	63	423
		Total – Coastal	70	58709	86.89	9752	10112
		Sub-Total	407	67264	99.55	13765	13657
		Wetlands (< 2.25 ha), mainly Tanks	306	306	0.45	-	-
		Total	713	67570	100.00	13765	13657

Area under Aquatic Vegetation	2149	2092
--------------------------------------	-------------	-------------

Area under turbidity levels		
Low	2959	2773
Moderate	1268	1437
High	9538	9447

(Source: National Wetland Atlas: Gujarat, SAC/RESA/AFEG/NWIA/ATLAS/21/2010 Space Applications Centre (ISRO), Ahmedabad, India)



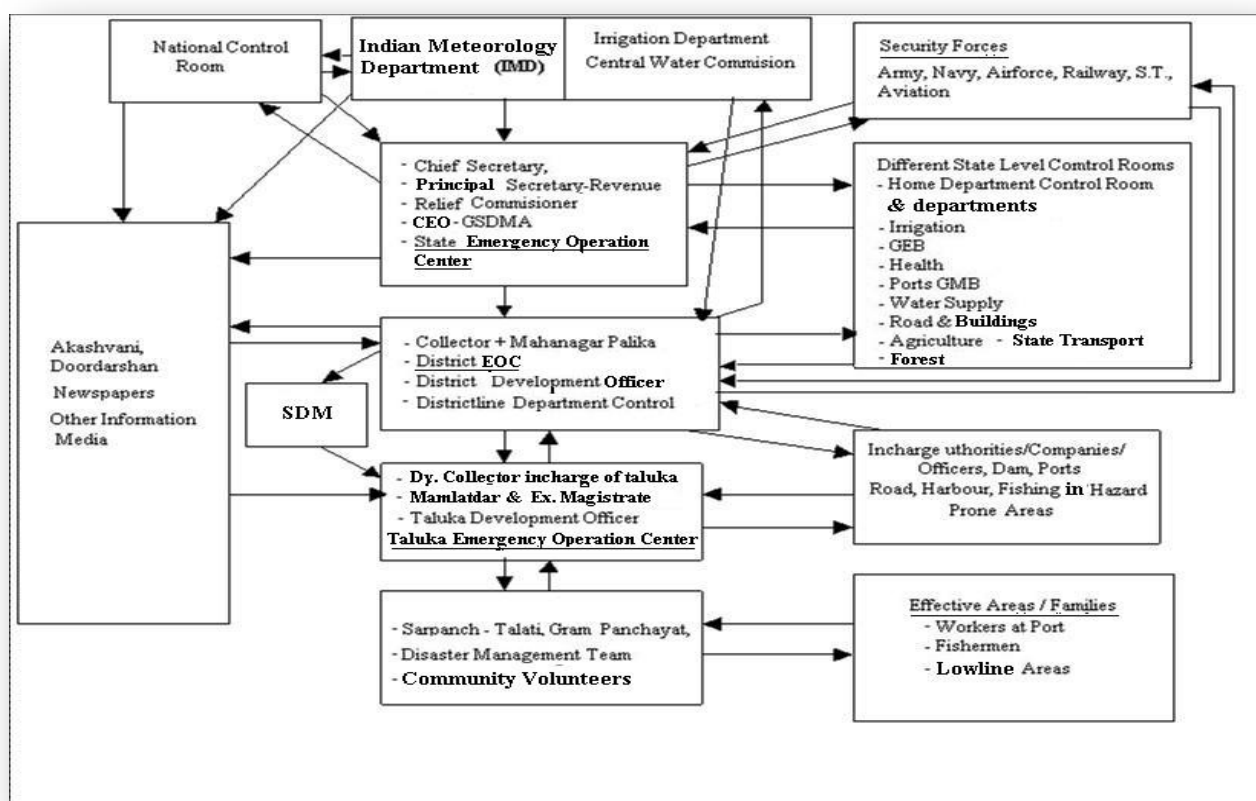
(Source: National Wetland Atlas: Gujarat, SAC/RESA/AFEG/NWIA/ATLAS/21/2010 Space Applications Centre (ISRO), Ahmedabad, India)

2.7.2. Flora and Fauna

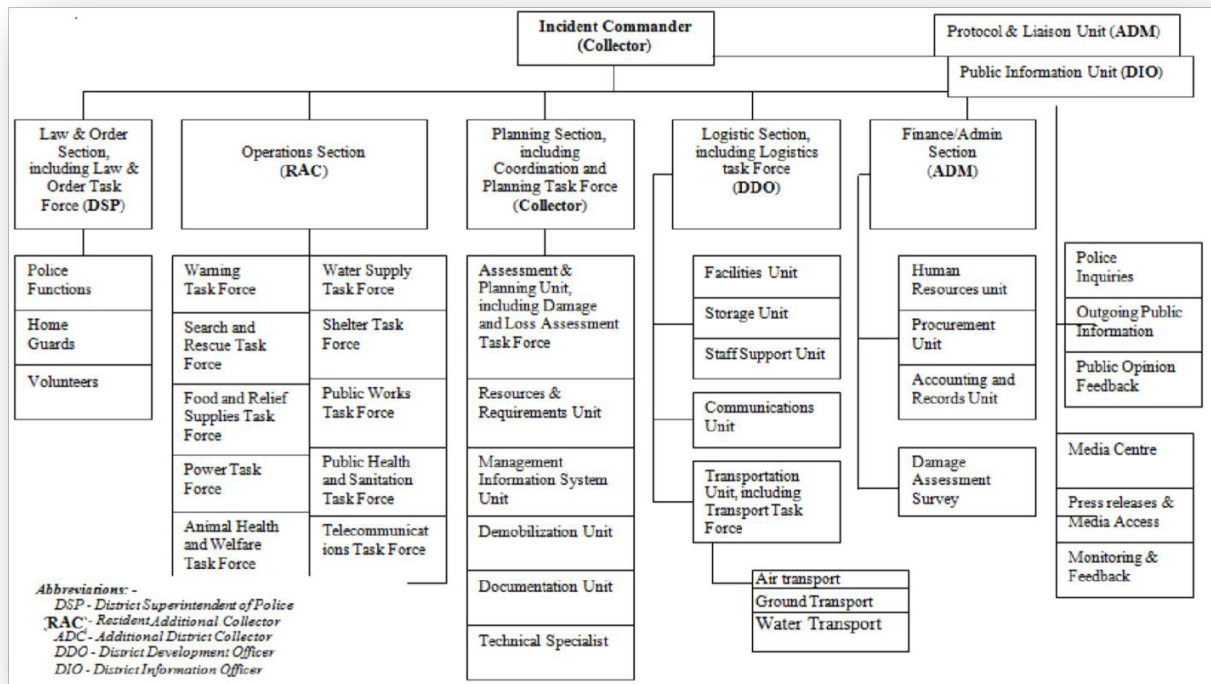
In Gujarat, a total of 14 species of mangroves have been recorded, out of which, 12 are located in 19 talukas around the Gulf of Khambhat, as recorded by the Gujarat Ecology Commission; Khambhat taluka from Anand district is one of them. However, stress on these mangroves have been increasing due to increase in human population, and associated land reclamation, developmental activities and discharge of untreated waste materials. Along with these, the rising sea levels due to climate change and consequent rising temperature becomes a threat to the mangroves in the area. Creeping disasters like drought and salinity further intensifies the risk towards mangroves.

Khambhat taluka itself is home to 16 types of mammalian species, including bluebull, common mongoose, Indian hare, Indian wild boar, common langur, Indian fox, Indian striped hyena, jackal, jungle car, pale hedgehog, among others. It also has 97 bird species as recorded by the Gujarat Ecology Commission. These are mostly migratory birds, located in the coastal waters and salt pans. Endangered bird species like long billed vultures (*Gyps Indicus* – listed

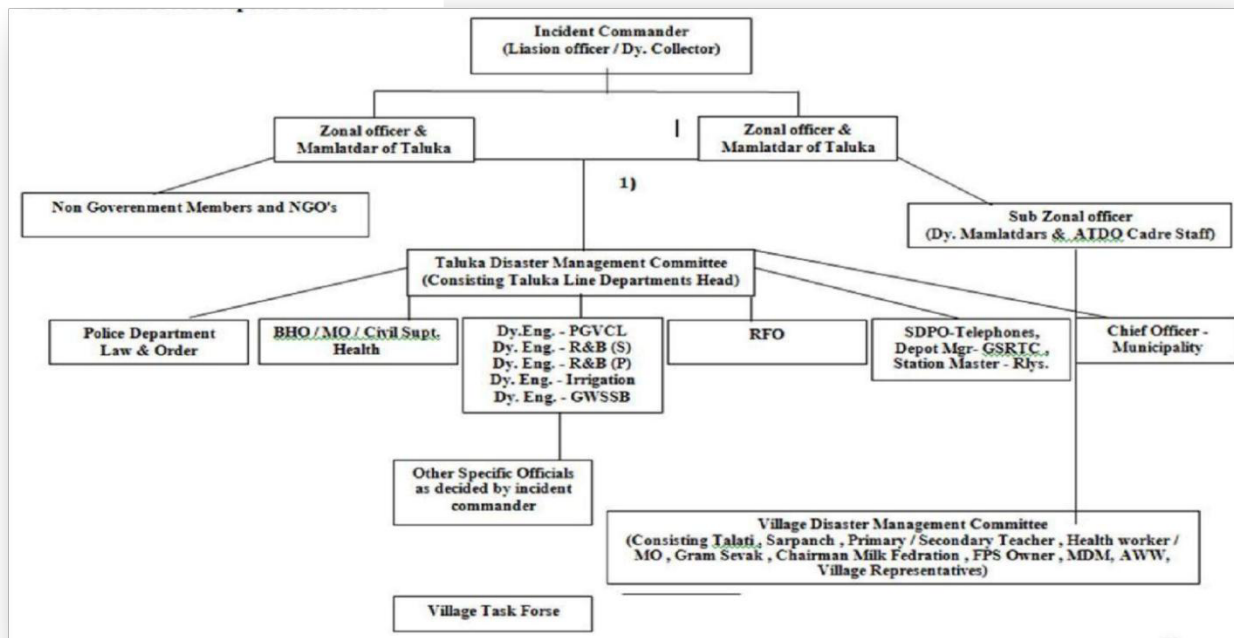
by IUCN under the ‘critically threatened species’) have also been spotted in Nagra village of Khambhat. Along with this, 19 species of reptiles are found in the Khambhat taluka



3.2 District Level Structure



3.3 Taluka Level Structure



3.4 SEOC-DEOC-TEOC and Other Control Rooms.

Emergency Operation Centers/Control Rooms

- District Emergency Operation Center(DEOC)

- The District Emergency Operation Center (DEOC) is located at District Collector's Office. It is also the Central point for information gathering, processing and decision making more specifically to combat the Disaster. Most of the strategic decisions are taken in this control room with regard to the management of Disaster based on the information gathered and processed. The Incident Commander takes charge at the District Control Room and commands the emergency operations as per the Incident Command System organizational chart.

All the task force leaders shall take position in the District Control Room along with Incident Commander to enable one point coordination for decision-making process.

- Facilities at District Control Room

The District Control Room shall be equipped with but not limited to the following items:

- Hotline directly connected to State EOC/Control room
- Telephones
- Satellite Telephone
- One PC with e-mail, Internet and web site facilities
- Conference table with Chairs
- A copy of Disaster Management Plan
- Other relevant documents, if any
- Walky-talky
- Task Force Control Room (TFCR)

Individual Task Force function shall activate & operate their respective control rooms in their office managed by a competent person who is proficient in communication and technically capable of coordinating with Taluka Level Control Room and District Control Room and mobilize requisite resources to the disaster site.

- Taluka Level Control Room (TLCR)

The Taluka Level Control Room shall be located at the Office of Mamlatdar. The Liaison Officers of the respective Talukas shall take charge of the Control Room. The respective liaison Officers shall coordinate between the task group members working at disaster sites and TFCR for mobilization of resources and dissemination of instructions received from TFCR/DEOC.

- Facilities at Taluka Level Control Rooms (TLCR) The following facilities are maintained inside TFCR:

- Telephones
- A copy each of Disaster Management Plan and Taluka Level Plan
- Other relevant documents, if any

Responsibility of up keeping and maintenance of all the above items / facilities in the respective Control rooms is given as below.

DCR : District Collector or any person nominated

TFCR : Respective Task Force Leader

TLCR : Respective Taluka Liaison Officer Institutionalization and Multi-hazard Response

The above responsible Depts./ personnel shall carryout periodic inspection of such facilities in their respective control rooms at the frequency set by them and maintain records on the same.

Response defines provision for assistance/ intervention during and after emergency. Response plan includes clear Incident Command System (ICS) operated through emergency operation centers (EOCs) with effective 3C (Command, Control and Communication) mechanism. ICS covers early warning, search and rescue, humanitarian assistance, medical response, relief, temporary shelter, water and sanitation, law and order, animal care, public grievance, recovery and rehabilitation.

3.5 Early Warning System (EWS) and Post Disaster Advisories

It is often observed that communities living in remote and isolated locations do not receive timely and reliable warnings of impending disasters. Hence, it is necessary to have robust and effective early warning systems, which can play crucial role in saving lives and limiting the extent of damage to assets and services. Outreach and reliability of warnings are key factors for planning and implementing response measures. Post disaster advisories like information on rescue, relief and other services are important to ensure law, order, and safety of citizens.

3.6 Information Dissemination

The dissemination of information is the most critical function in order to give early warning to the community. It has to be fast in order to give reasonable amount of time for communities to prepare for any eventuality. Due consideration has to be given to the points mentioned below before sending across the information.

- Information dissemination will be done to all the important stakeholders (as given below in the information dissemination format) at the Panchayat level in rural areas and Nagarpalika level in urban areas for early warning communication.
- Making use of the fastest means to communicate the message in the most lucid manner so as to prevent spread of rumor and panic among the masses.

3.7 Early Warning Action Plan

The availability of early warning system is a must before early warning message could be disseminate to the people till the last mile. Thus for every type of disaster there is an agency designated with the responsibility of keeping track of developments in respect of specific hazards and inform the designated authorities/agencies at the district level about the impending disaster. Nodal agencies for early warning of different natural hazards are:

Type of Action	Flood	Cyclone	Chemical and industrial accidents	Tsunami
Existing EWS	Irrigation department /dam authority/ IMD ↓ Collector ↓ Mamlatdar/TDO ↓ Villages	IMD ↓ Collector ↓ Mamlatdar/TDO ↓ Villages	Industrial Association/industries ↓ DCG ↓ LCG ↓ Mamlatdar	IMD ↓ Collector ↓ Mamlatdar/TDO ↓ Villages
Responsible Agency for warning dissemination	Mamlatdar office/TDO	Mamlatdar office/TDO	Mamlatdar office/TDO	Mamlatdar office/TDO

Trained personnel and operators available (Y/N)	Yes	Yes	No (Team to be formed and trained)	No (Team to be formed and trained)
Villages covered	All risk prone villages			
Villages/habitation not covered or difficult to access	Communities in remote locations (fisher folk, salt pan workers, maldharisetc)			
Measures required to improve timeliness and outreach (For example, voice enabled SMS)	Contact of communities in remote locations (fisherfolk, saltpan workers, Maldharisetc)			

During and Post Disaster Advisory Action Plan

Type of Hazard	Flood	Cyclone	Earthquake	Drought	Chemical and industrial accidents	Tsunami
Responsible Agency	Revenue & Panchyat offices					
Villages covered	All risk prone villages					
Villages/habitation not covered or difficult to access	Communities in remote locations (fisher folk, salt pan workers, Maldharis etc.)					
Measures requiredfor outreach	Contact of communities in remote locations (fisher folk, salt pan workers, Maldharisetc.)					

3.8 VIP involvement and protocol

It is important to immediately inform VIPs and VVIPs on impending disasters and current situation during and after disasters. Appeals by VIPs can help in controlling rumorsand chaos during the disaster. Visits by VIPs can lift the morale of those affected by the disaster as well as those who are involved in the response. Care should be taken that VIP visits do not interrupt rescue and life saving work. Security of VIPs will be additional responsibility of local police and Special Forces. It would be desirable to restrict media coverage of such visits, in which case the police & taluka liaison officer will liaise with the government press officer to keep their number to minimum.

3.9 Media Management

The role of media, both print and electronic, in informing the people and the authorities during emergencies becomes critical, especially the ways in which media can play a vital role in public awareness and preparedness through educating the public about disasters; warning of hazards; gathering and transmitting information about affected areas; alerting government officials, helping relief organizations and the public towards specific needs; and even in facilitating discussions about disaster

preparedness and response. During any emergency, people seek up-to-date, reliable and detailed information.

Anand Collectorate office has established an effective system of collaborating with the media during emergencies. Both print and electronic media is regularly briefed at predetermined time intervals about the events as they occur and the prevailing situation on ground. A similar set up is also active at the Taluka Control room (i.e. Mamlatdar office)

3.2 Hazard Specific Action Plan...

* After 3.9 → 3.2 (Numbering)

3.2.1 Flood Hazard Action Plan:

Before Emergency / Disaster: Relaying Information to Public In case of flood and or heavy rainfall, following authorities will inform the District Collector or District Control Room.

Sr. No.	Description	Authorities
1.	Flood	Central Water Commission
2.	Heavy rainfall & cyclone	Gujarat State Control Room, Gandhinagar and Meteorological Department, Ahmedabad.
3.	Vanakbori	EE, Nadiyad Irrigation Circle, Nadiyad
4.	Kadana	EE, Diwada Colony-Panchmahal
5.	Panam	EE, Panam Project Circle, Godhra
6.	Vasad Bridge, Anand	NAIH Manager Tech. Ahmedabad
7.	Shedhi River Bridge	EE- Shedhi Irrig. Dn, Nadiad
8.	Wasana Barrage	EE Ahmedabad Irrigation Project Circle, Ahmedabad

B. As soon as information is received by the District Collector, Anand or District Control Room, the following authorities will be directed to inform the possible affected public through telephone, police wireless, irrigation department wireless, GEB wireless or forest department wireless:-

- Liaison Officer of Taluka (Chairman of Taluka & City flood relief co-ordination committee of Flood contingency plan and member of incident control committee of District Disaster Management Plan.)
- Mamlatdar & TDO for Anand, Umreth, Borsad, Ankla (For Mahi River), Umreth (For shedhi river), Tarapur, Khmabhat (For Sabarmati river).
- Anand, Umreth, Borsad, Ankla, Tarapur, Khmabhat Mamlatdar, Chief Officer & TDO.
- DSP & Taluka PSI.
- District level Concerned Department.

C. After information received from the District Collector or Control Room, the Public will be informed by the Taluka Disaster Management Committee, City Disaster Management Committee, Mamlatdar office staff &

Village Disaster Management Committee, where telephone / wireless facilities are available in villages. In Particular, Taluka Mamlatdar & TDO will inform the public by telephone and also by sending a team through vehicle on pre-decided village routes. Nagarpalika will inform their respective area inhabitants by siren or PA system through mobile vehicle.

During Emergency:

Evacuation, Search and Rescue Operations

The District Collector will be given direction to the Liaison Officers, Dy. Collector and all concerned departments for evacuation & rescue operations based on situation. This will be carried out by the Revenue department, Local police & District Panchayat department.

- In cases where the approach road is clear, people will be evacuated by local tractor/trolley, ST bus & other big vehicles. The people trapped in areas surrounded by water will be rescued by the Mamlatdar, local police & local swimmers through boats.
- Members of the Transport Committee will be directed to arrange a supply vehicle for evacuation & rescue operation.
- Members of the Fire Control Committee will be informed about combating fire, if the need arises.

After Emergency:

Focus will lie on Medical Treatment, Disease Control, Poison control, Reconstruction & Rehabilitation, Floodwater Removal, and Providing Relief—Clothing, Shelter, etc. to affected people, Damage Assessment, Funeral processes.

The following Members of Committees will be informed by District Collector or District Control Room:

1. Member of Health / Medical Control Committee.
2. Member of Toxicity & Disease Control Committee.
3. Member of Demolition, Reconstruction & Rehabilitation Committee.
4. Member of Traffic Control, Law & Order, Security Cordon of Area Committee.
5. Member of Damage Assessment Committee.
6. Member of Relief & Shelter Committee.
7. Member of Funeral Committee.

After receiving message from District Collector or District Control Room, Member of above committees will perform their function as per the roles assigned in the District Crisis Emergency Organization.

3.2.2. Cyclone Hazard Action Plan:

During a cyclone, a high velocity of wind is experienced accompanied sometimes by heavy rainfall. This can, at first instance, affect the villages of Khmabhat Taluka, salt work industries as well as industries of Khambhat MAH units. Sometimes, highly populated Nagarpalikas such as Anand, Petlad, Borsad, Umreth, and Khmabhat can also be affected.

As a result of cyclone, building houses structures may collapse people & animals maybe buried under the debris. In addition, fire, toxic release, explosion, poisoning may also occur in chemical factories, and lowlying areas may be flooded with water & people animals may be severely affected.

Thus, the response mechanism may involve the following plans:

1. District Disaster Management Plan (governed by Disaster Management Cell, Collector Office, Anand).
2. District Crisis Group off Site Emergency Plan or Anand District Contingency Plan (governed by District Collector).
3. Local Crisis Group off Site Emergency Plan (governed by SDM & Dy. Collector, Anand).

Before Emergency / Disaster: Relay of Information to the Public

A. After information of cyclone situation is received; the District Collector, Anand or District Control Room,

Anand will direct the following authorities to inform the public through Fax, telephone, wireless, Way2way SMS System, DARMAT, SMS alert system and automatic weather alert system in emergency Situation by person:

- Taluka Control Room –TalukaMamlatdar& TDO.
- Assistant Fisheries Director, Anand
- Member of Site Main Control Committee.
- Member of Incident Control Committee.
- Member of Public Warning & Communication Control Committee.

B. Upon receipt of information from the District Collector or District Control Room, the following steps will be taken:

- The Taluka Control Room, Assistant Fisheries Director, Bharuch & Port officer, Anand will caution Fisherman that they not go into the sea.
- The Talati will publish notice regarding precaution to be taken by public in case of cyclone.
- The Industries Officer, will evacuate workers from salt factories to safe shelters.
- Other authority will perform their duty as per flood / cyclone contingency plan of Anand district (Disaster Management Cell, District Collector Office, and Anand).

After Emergency:

Focus will lie on Medical Treatment, Disease Control, and Poison control, Reconstruction & Rehabilitation, Floodwater Removal and Providing Relief—Clothing, Shelter, etc. to affected people, Damage Assessment, Funeral processes.

The following Members of Committees will be informed by District Collector or District Control Room:

1. Member of Health / Medical Control Committee.
2. Member of Toxicity & Disease Control Committee.
3. Member of Demolition, Reconstruction & Rehabilitation Committee.
4. Member of Traffic Control, Law &Order, Security Cordon of Area Committee.
5. Member of Damage Assessment Committee.
6. Member of Relief & Shelter Committee.
7. Member of Funeral Committee.

After receiving message from District Collector or District Control Room, Member of above committees will perform their function as per the roles assigned in the District Crisis Emergency Organization.

3.2.3 Earthquake Action Plan:

Earthquakes cause random motion of ground. This motion causes built structures to vibrate as a result of which they may collapse, depending upon the severity of the earthquake and distance from the epicenter. Earthquake can cause damage not only on account of the shaking but also due to other chain effects like landslides, floods, fire, explosion, toxic release, poisoning and disruption to communication, power, water etc.

Before Emergency: Preventive Measures

It is not possible for mankind to predict earthquake in years, months, days, hours, and minutes. But by installing 'P' wave's detector, one can predict minutes before the occurrence only. This time is almost negligible to avoid massive damage to mankind and property. So, it is best to take preventive measures as shown below:-

Buildings, houses, structures, must be constructed as per National Building Code for earthquakes.

1. Old buildings, house, structures must be checked by structural engineer and as per their advice, they Should be demolished or properly repaired to withstand earthquakes.
2. Industries must construct essential infrastructure such as chemical storage tanks & their foundations, fire Facility buildings, occupational health center, hospital, chemical manufacturing building / structures, power generation plant buildings, transformer rooms, water storage tanks, DG set rooms etc. as per National Building Code for earthquake.
3. Essential national, state, district, taluka buildings such as hospitals, communication buildings, fire service buildings, control rooms, district collector building, bridges, dams, check dams, highway, road, water, reservoir, electricity substation & rooms, schools, colleges etc. must be constructed as per National Building Code of earthquake.
4. Essential equipment for rescue & trained rescue persons must be kept ready. The list of such organization & their E-mail address should be regularly updated.
5. Public awareness and training activities must be regularly conducted.
6. Rehearsal of DDMP must be carried out periodically.

After Emergency

As a result of earthquake, the following massive effects may be occurred if proper preventive step will not taken as early stated. Communication failure, power failure, water failure, building, houses, structures collapsed people buried under them, non-availability of food, drinking water, medicine, cloths, medical treatments, shelters, road, bridges destroyed or damaged, chemical disaster result of fire, explosion, toxic release, poisoning, check dams & water reservoirs damaged result of flood or low level area will be flooded etc.

Actions

1. In case of subsequent effect of chemical disaster in the chemical factories, chemical transfer pipelines, Chemical transport vehicle and produce general environmental pollution, then for combating & mitigation effect of fire, explosion, toxic release, poisoning etc. the District Collector and Dy. Collector will immediate activate District & Local Crisis Group Off Site Emergency Plan.
2. Similarly, in case of subsequent effect of flood, to save human life, animal & property. District Collector will immediate activate DDMP.
3. District Disaster Management Committee perform duty as per plan:
 - Informing to public in case of chemical disaster, flood as per guidance of expert committee.

- Evacuation & rescue operation in case of chemical disaster, flood & earthquake with the help of transport Committee.
- To combat fire.
- Toxicity controlling in case of chemical disaster.
- Medical treatment to affected people.
- Traffic control, maintaining law & order, security to evacuee area, cordon of area.
- Disease & poisoning control.
- Reconstruction & rehabilitation of communication system, electricity, water, check dams, repairing, road, bridge, construction & repairing, tents construction, shelter construction etc.
- Relief work such as food, water, clothes, utensil, cash dolls etc.
- Funeral process of dead bodies.
- Informing through mass media communication.
- District Collector will plan & implements for long cleanup rehabilitation programme.
- District Collector will ask help from state government, central government, other countries, NGO & Independence helping agencies.

3.2.4 Industrial Disasters, Fires and Chemical Accidents Action Plan

3.2.4.1 Sources of Chemical Disasters

Chemical accidents may originate in:

1. Manufacturing and formulation installations including during commissioning and process operations; Maintenance and disposal.
2. Material handling and storage in manufacturing facilities, and isolated storages; warehouses and godowns Including tank farms in ports and docks and fuel depots.
3. Transportation (road, rail, air, water, and pipelines).

3.2.4.2 Causative Factors Leading to Chemical Disasters

Chemical disasters, in general, may result from:

1. Fire
2. Explosion
3. Toxic release
4. Poisoning
5. Combinations of the above

3.2.4.3 Initiators of Chemical Accidents

A number of factors including human errors could spark off chemical accidents with the potential to become chemical disasters. These are:

Process and Safety System Failures:

1. Technical errors: design defects, fatigue, metal failure, corrosion etc.
2. Human errors: neglecting safety instructions, deviating from specified procedures etc.
3. Lack of information: absence of emergency warning procedures, nondisclosure of line of treatment etc.
4. Organisational errors: poor emergency planning and coordination, poor communication with public, Noncompliance with mock drills/exercises etc., which are required for ensuring a state of quick response and preparedness.

Natural Calamities:

The Gujarat state is highly prone to natural disasters, which can also trigger chemical disasters. The release of acrylonitrile at Kandla Port, during an earthquake in 2001, is one of the examples.

Terrorist Attacks/Sabotage:

Vulnerability to chemical disasters is further compounded by likely terrorist and warfare activities, which include sabotage and attack on HAZCHEM installations and transportation vehicles. This can occur at sources listed in para 1.2, anywhere, and at any time.

3.2.4.4 Authority

At the District Level

At the District level, the District Crisis Group (DCG) is an apex body to deal with major chemical accidents and to provide expert guidance for handling them. The same existing and established structure could be used for handling Chemical Disasters also. DCG has a strength of 34 members which includes District Collector, SDM and Dy. Collector, DDO, Dy. Director – Industrial Safety & Health, DSP, PI, Fire Superintendent of the City Corporations or important Municipalities, Chief District Health Officer, Civil Surgeon, SE, Chief Officer, Dy. Chief Controller of Explosives, Commandant – SRPF, Group-I, Dy. Director – Information to name a few.

3.2.4.5 Flow of Information (Communication)

A procedure has to be laid out to communicate the accident / attack to the District Control Room (DCR) giving details such as location of incident, chemical(s) involved, severity of incident, casualties (if any), etc. The person in-charge at DCR shall then inform the first three responders i.e. Police, Fire & Emergency Services and Medical Department. He will then inform the District Collector and all other members of the DCG. The District Collector, in turn, would inform the Gujarat State Disaster Management Authority (GSDMA) and the SCG about the incident and ask for additional help in terms of resources and manpower (if at all required) after assessing the situation on site.

The SCG or the GSDMA would then inform the Central Crisis Group (CRG) about the incident along with other relevant details on hand. The first responders, after reaching the site, will secure more information about the incident and try to establish communication with the concerned agencies / departments for deploying resources / personnel as per the need of the situation.

3.2.4.6 Regulatory Framework

This plan derives its authority from the following acts and rules:

Acts:

- The Factories Act, 1948, as amended in 1976 and 1987
- The Environment (Protection) Act, 1986
- Disaster Management Act, 2005 as amended in 2025
- The Public Liability Insurance Act, 1991 as amended in 1992
- The National Environment Tribunal Act, 1995
- Gujarat State Disaster Management Act, 2003
- The Explosive Act, 1884
- The Petroleum Act, 1934
- Electricity Act, 2003

- Dock Workers (Safety, Health & Welfare) Act, 1986

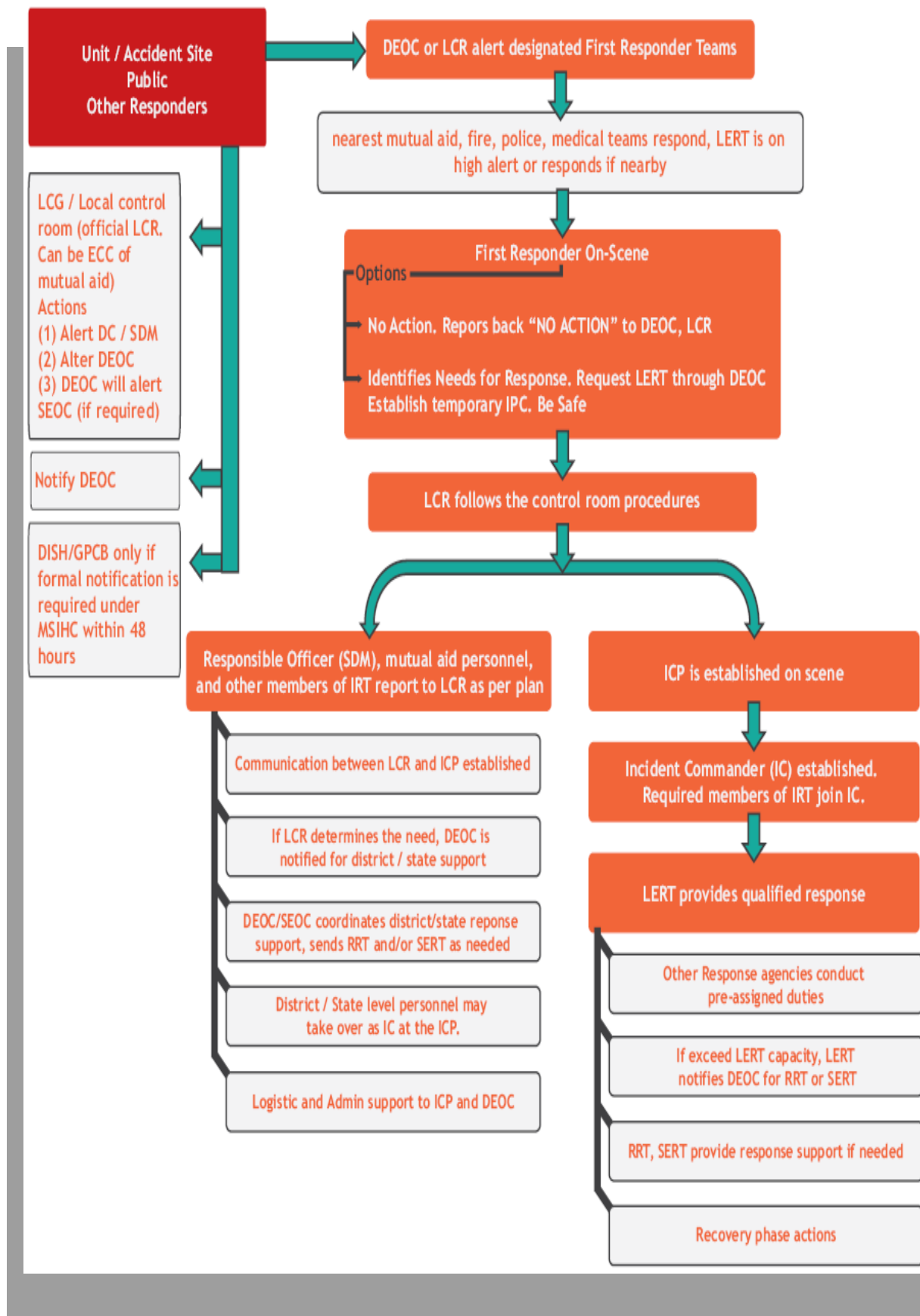
Rules:

- The Gujarat Factories Rules 1963 under the Factories Act, 1948 as amended in 1995
- The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in 1994, 2000 and 2004
- The Public Liability Insurance Rules, 1991 as amended in 1992
- The Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996
- Explosive Rules, 2008
- Central Motor Vehicles Rules, 1989
- Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.

3.2.4.7 Local Response to Chemical Emergency - Emergency Organization Structure

The response to a chemical disaster is always local with resources segmented from district and state levels. Under MSIHC Rules, the LCG is the lowest level of group available at the industrial cluster level the DCG is the next level of response. In the case the LCG is not available; the DCG is the lowest level of response.

As per the DM Act 2005, the local authorities and Panchayati Raj Institutions can plan for preparation and response to emergencies. Therefore, Taluka or block level administration can prepare for and co-ordinate the response to chemical emergencies, provided Taluka level CDMPs are prepared including management of Chemical Disasters, although such plans are not currently available. At the State level, agencies such as the GSDMA, DISH, GPCB, PESO, CEI, SCG, GIDC etc. are responsible for regulation, planning, and management; and agencies and bodies such as the SDRF SEOC, Fire Services, Emergency Medical Services and Police are entrusted with providing chemical emergency response. Similarly at the district level the DDMA, DCG and LCG are responsible for planning and management and DEOC, Fire services, Emergency medical services and Police are entrusted with chemical emergency response intended coordination in the SCG-DCG-LCG mechanism under the MSIHC rule and the SDMA-DDMA mechanism under the DM Act is automatically achieved at the district level because the district collector is the head of both. It is clear that the SCG, DCG, and LCG are not response agencies themselves but include members that are response agencies. Similarly the GSDMA and DDMA are not response agencies but include member departments that provide a response



3.2.4.8 Key Response Agencies

The key agencies required for chemical emergency response have been identified with their roles and responsibilities. It is important that the roles and responsibilities not be thrust on line departments and agencies but discussed in DCG/DDMA meetings and mutually agreed to. The following are the key agencies:

- District Disaster Management Authority
- Police department
- Fire Services
- Department of Revenue/Relief Commissioner /Collector's Office
- Department of Labour and Employment / Director of Industrial Safety and Health (DISH)
- Gujarat Pollution Control Board
- RTO
- Department of Animal Husbandry
- Department of Agriculture
- Public Information Officer
- Public Works Department

3.2.4.9 Response to Hazchem Transportation Emergencies

The organization structure for response, concept of emergency operations, and roles and responsibility of key stakeholders remains almost the same in case of emergencies involving the transportation of hazardous chemicals. The special considerations while responding to transportation emergencies are:

Pipeline Transportation - In case of pipeline transportation the initial notification may be done by the occupier/owner of the pipeline or by the local community or by the contractor who caused the damage to the pipeline. Therefore, it is important that all pipelines nodes and routes clearly display the emergency contact information in case of any accident with the pipeline. Once the initial notification of an accident is obtained the response operations are similar to other chemical accidents.

Road Transportation -In case of an emergency involving a road tanker carrying hazardous chemical, the driver of the tanker is expected to be well-trained to handle emergency situations and have up-to-date contact information. The notification will be done by the driver by calling DEOC(# 1077)and Local Police Station. The consigner and consignee may also make these calls. The tanker must display the emergency information panel and driver should carry the Transport Emergency Card or TREMCARD which has detailed instructions on response actions for fire, spillage or leakage. The driver should take the first protection actions by stopping traffic and general citizens from approaching the accident site until police arrive for help. The driver can try to stop the leak (if any) only if he is adequately trained and equipped to do so. The police officer on site will most likely be the first IC until a more qualified response team arrives. The most important action by the police is to cordon off the site of the accident, divert and regulate traffic, and evacuate/shelter in place citizens in close proximity on a priority basis. It is also important that untrained and unequipped first responders should not try to stop the leak or enter the hot zone and should instead wait for a qualified response.

3.3 Responsibility Matrix for response functions:

TASK FORCE, SUPPORTING ORGANIZATIONS VIS-A VIS ICS/GS SECTION MATRIX

A) The COMPOSITION of the TASKFORCES is given in the table below:

S. No.	Task Force	Taskforce Leader	Supporting members / Organizations	ICS/GS Section / Unit
1.	Planning and Coordination	RAC	DDO, DSP, RAC and Mamlatdar	Planning
2.	Administration & Protocol	RAC	DDO, DSP, RAC and Mamlatdar	Finance & Admin.
3	Damage Assessment/Survey	Dy. Collector/Lizon officer	DIC, Dy. DDO, Ex. Engr., R&B, DAO, Fisheries	Planning
4	Warning	RAC	RAC, Dy. Mamlatdar, Control Room, District Information Officer (DIO)	Operation
5	Communications	RAC	Dy. Mamlatdars, Mobile Operators, TV, Radio, Port Office GMB, Police, Forests	Logistics
6	Media	District Information Officer	Information Department, Print, Media, TV, Journalists, NGOs	Public Information
7	Logistics	DDO	RTO, DSO, FPS, Private & Public sector, Municipal water supply board, Mamlatdar, Dist. Supply Mamlatdar	Logistics
8	Law & Order	DSP	Dy. SP, Home Guards Commandant, NGOs, Paramilitary and Armed Forces	Law & Order
9	Search & Rescue	Dy. Collector /Lizon officer	Mamlatdar, TDO, Police, Executive Engr., Fire Brigade, RTO, State Transport, Health Deptt.	Operation
10	Public Works	Ex. Engr. R&B (State)	Irrigation, Ex. Engr., Panchayat, NGOs, Water Supply Board, Municipalities, Home Guards, Police	Operation
11	Shelter	Dist. Primary Education Officer	School Principal, Teachers, Health, PHC, State Transport, Water Supply, RTO, Mamlatdar, TDO.	Operation
12	Water Supply	Ex. Engr. GWSDB /	Dy. Ex. Engr., Talati, Mamlatdar, TDO, Health	Operation
13	Food & Relief Supplies	Dist. Supply Officer	FPS, PDS, Mamlatdar, NGO, RTO, State Transport, Municipality, DRDA, Police, Home guard	Logistics

14	Power	Supt. Engr. MGVCL	Ex. Engr., Dy. Engr. Technical, MGVCL, Transport	Operation
15	Public Health & sanitation	Chief district health Officer (CDHO)	PHCs, CHCS, Municipality, Red Cross, Fire Brigade Civil Defense, R&B, NGOs, Doctors, TDO, Mamlatdar	Operation
16	Animal Health & Welfare	Dy. Director Animal Husbandry	Veterinary Inspector, NGOs	Operations

Functions of Task Forces

Task Force 1: Planning coordination

Time Frame	Activities
Normal time	Planning and coordination: Coordination with DDMC members through monthly meetings, Take up DM issues in meetings and plan for actions
	Update contacts, resource inventory, strategic prepositioning ., Monitor land use management plans periodically
	Logistics: Assessing resources, vendors, procurement, prepositioning, legal formalities and management.
	IC (Circle Police Inspector) coordinates with PSI, PI, Home Guards- law order related plan,
	Media: Coordination with media, responsibility for media cell, briefing/ debriefing
	Manage information dissemination on disaster preparedness Document the process, cases and practices of disaster management
Pre	Assigning cluster responsibility and functions for disaster management
	Meeting with line departments, police and other agencies to coordinate activities in line of SOPs
	Ensure ready to respond teams at Taluka level
	Plan for long term potential threats on health and livelihood, besides immediate precautionary measures
During	Monitor activities according to SOPs
	Coordinating response
Post	Allotting sectoral responsibilities
	Manage VIP visits and other protocols for smooth relief operations

	Plan and monitor relief activities including distribution of food packets, Nonfood items and other relief works
	Monitor activities and progress of recovery programmes
	Ensure law and order at relief camps and affected areas.

Task Force 2: Early Warning, Evacuation and Communication

Time Frame	Activities
Normal time	Establish a early warning system reaching to last mile preferably through use of oral and non-electronic means
	Build village level contacts including mobile numbers for early warning dissemination
	Train officials / volunteers to operate early warning message dissemination
	Continuous awareness of people about potential risk, preparedness and precaution measures
	Formation of the task force, capacity building, listing of equipment's and machineries required and developing the contacts with other agencies to support evacuation
	Hold regular meetings on disaster management involving government, NGOs and private sectors to share strategy for search and rescue and evacuation plan
	Ensure identification of buildings and spaces to be used as rescue shelters for people and animals
D-72 to 48 hours (Before 3 days of Disaster)	Verify warning received and understood
	Verify functioning of communication and warning systems at Taluka, Panchyat and village level
	Put all evacuation personal on allot with necessary equipment and machineries at place for action
	Form teams for evacuation with skills and equipment and allot clusters for evacuation.
	Ensure transportation facility for evacuation of affected people
	Identify buildings / spaces to be used as evacuation shelters for people and animals.
	Inform the State EOC, Information Department
	Preparation of warning messages
	Dispatch warnings until the last mile in local language, preferably verbal messages through mobile, TV, radio, newspaper, including mechanisms that do not rely on electricity. (repeat the warning with frequent interval)
	Ensure telecommunication inventory and SOPs are updated task force
	Coordinate with other task forces (search and rescue, public health, law and order, food and water supply etc.)
D-48 to 24 hours (Before 2 days of Disaster)	Inform district and state level authorities about impending hazard
	Monitor readiness at local level and report to Incident commander (i.e., based on proper acknowledgment from local teams)
	Hold Taluka level disaster management committee and emergency response management committee
	Dispatch warnings messages as mentioned in the previous section giving updates about next 24 hours
	Position officials for different clusters for ensuring early warning and feedback about local situation

	Monitor readiness at local level and report to Incident Commander (i.e., based on proper acknowledgment from local teams)
	Make a note on the need for evacuation (if required)
	Seek information about the latest situation about the hazard and inform the evacuation team
	Mobilize resources to be positioned at the rescue shelters and at vulnerable points depending on type disaster (boat, swimmers, first aid, baby food, nursing support for the elderly and sick, drinking water, food, sanitation and solid waste disposal)
	Develop alternate route with the evacuation team to reach the locations in case there is chance of damage to the roads, bridges etc.
	Report on effective communication of early warning to the vulnerable groups like fisher folks, dalits, tribal, pastoralists etc.
D-24 to 12 hours	Develop/update about ensuing hazard
	Dispatch warnings in local language about the latest situation using mediums as mentioned above.
	Provide detailed information about the hazard situation to rescue task force and other task forces
	Ensure that the latest early warning has reached the last mile
	Put the rescue teams in position for action, ensure that all rescue teams have full information about the local situation, route chart and location where people are to be rescued
	Create support mechanisms for food, shelter and safety of the rescue team
D-12 to 0 hours	Monitor the movements and the activities of each rescue team and report to the higher authority in every six hours
	Ensure continued dissemination of warning messages
D+ 1 to + 12 hour	Monitor the situation and provide latest report to the higher authorities including Chief Secretary COR, and GSDMA
	Monitor the activities of the rescue team and develop a list about new requirements in terms of machinery, skilled persons, medicines etc.
	Mobilize the needed requirements and dispatch to the designated locations
	Authorize officials to coordinate with the police and local leaders for disposal of dead bodies (panchanama, autopsy, burying/cremation as per customs)
	Liaise with DEOC for additional requirements for food and water supplies and other requirements
D+12 to D + 24 hour	Create multiple teams so that the earlier team can be relieved from duty for rest
	Continue search and rescue, and arrange transit service for affected population to evacuation centers/ hospitals or at relief camps
	If there is a need for higher level care and requirement for sophisticated treatment, prepare a report and send to State EOC for support. Make a call to reassure the support.
	If required organize aerial reconnaissance
	Establish Information/ reception centers and setting up telephone help line numbers
	Organize cluster level meetings with local people to monitor the status and send report to District Head Quarter every evening.

Task Force 3: Search and Rescue

Time Frame	Activities
Normal Time	Awareness programmes for general public
	Updating resource inventory and personnel directory
	Routine maintenance and checking of tool, equipment. Procurement of special equipment
	Capacity building of special teams and volunteers for potential threats
D – 72 to D 0 hour	Plan and equip team for Search and rescue, including resource mobilization mapping and assessing risk etc.
	Coordination with line departments and others.
D +1 hour to D + 24 hour	Management of control room
	Coordination with external experts/team, armed forces, fire department, civil defense, police, identified / recognized auxiliary force , home guards PI/ fire officer (sec 27)
	In case of hazards without early warning, inform the rescue groups to report with their equipment
	Prepare the list of rescue teams to be sent to carry out rescue
	Cordoning of affected areas
	Mobilize task forces at all levels (district, Taluka, village depending on disaster)
	Start search, rescue and safe evacuation activities
	Address crowd control problems
	Evacuation of affected people at safe places
D+24 and ahead	Monitor readiness at local level and report to Incident commander (i.e., based on proper acknowledgment from local teams)
	Begin regular reporting on actions taken and status by task forces
	Begin rotation of staff
	Continue review and reassessment of operations
	Focus on creating sense of normalcy
	Conducting lesson learned meetings and preparing final report
	Acknowledge / encourage staff and other agencies for their support

Task force 4: Damage Assessment Task Force

Time Frame	Activities
Normal Time	Study a damage assessment framework developed by the state authorities and train group of responsible officials and citizens to carry out the tasks. Four thematic groups of assessors can be identified, (1) private buildings and houses (2) public buildings including road,

	bridge, telecommunication (3) agriculture and water resources (4) business enterprises including industries.
	Prepare the contact details of the people who will be undertaking damage assessment
D + 24 hour	Estimate personal and resources needed to conduct their damage assessment
	Make preliminary assessment of loss, Using predefined format for assessment.
	Send the preliminary damage assessment report to the higher authorities
	Seek feedback from the assessors conducting the preliminary assessment about the extent
D +24 to + 72 hours and beyond	Prepare teams for detailed damage assessment by allocating specific sites.
	Start data entry procedure without the delay.
	Set up a grievance registration and redressal mechanism at the taluka level.
	Continue review and assessment till the task is over
	Submit the final report as prescribed by the higher authorities

Task Force 5: Relief Camp Management including Water Supply, Shelter, Health, Psychosocial care and Power

Time Frame	Activities
Normal Time	Identify relief camp sites and make an inventory of goods and material
	Setting up a team involving civil society, religious institutions and corporate houses who can volunteer their services for camp management.
	Organize camp management workshops particularly on sensitivity to women, children, and persons with the disability, elderly, dalits and minority communities.
	Build linkage with government programmes and other stakeholders to improve the infrastructure and services of the camp sites.
D-24 hours	Call senior volunteers for a meeting and send them to examine the status of the camp sites / rescue shelters.
	Based on the report of the volunteers, organize procuring the necessary items.
	Create local teams for camp management
	Meeting with water supply, health and electricity officer for arrangement of these services at potential relief sites
	Setup team for shelter and psychosocial care at camp sites
D 0 to D + 24 hour	Hold sites specific meetings about camp management and share responsibility with local institutions and volunteers. Release a report on local requirements.
	Send request to local institutions to provide food and other necessary items.
	Develop preliminary estimate of requirements to support all sections of victims.
	Examine the conditions that have a potential leading to any humanitarian crisis related to issue of water, sanitation, violence and discrimination.
	Procure goods and position them at relief site
	Plan rotation of human resources to ensure their efficiency
	Create a local team including women, children and elderly to monitor effective functioning of the camp including non-discriminatory practices.
	Prepare daily report mentioning the coverage and the new requirements to be delivered and send the report to the higher authorities for support

	Appoint health teams, water supply supervisors, psychosocial care teams and shelter teams
D + 1 day and ahead	Continue the relief camp until there is a need and take action for closing after consulting local people.
	Continue all action mentioned in the previous section if the camp is on.
	Weekly and fortnightly health surveillance reports including psychosocial care

Task Force 6: Public Health and Sanitation

Time Frame	Activities
Normal Time	Prepare directory of doctors, nurses, hospitals including private clinics, beds and ambulances available
	Train a group of volunteers for first aid service.
D - 24 hours	Hold meeting to assess the extent of public health and sanitation needs and estimate the personnel and resources required
	Coordinate with the camp management task force and provide necessary volunteers, first aid kit and other sanitation services
	List the items to be procured and start process of procurement
D+24 hours	Set up a health and sanitation committee at the taluka HQ for coordination.
	Monitor health and sanitation situation in all locations and make a daily report.
	Hold daily meetings at the taluka head quarter to assess the situation and prepare response plan.
	Prepare estimate of requirements of water supply, hygiene promotion, child care
	Communicate with higher authorities for additional support, if required
	Coordinate with rescue and camps organizers so that public health issues are not compromised like provisioning of clean drinking water, sanitation services, disposal of solid waste, decontamination of the area etc.
	Ensure provision of basic needs (like public health and sanitation etc.) at the relief camps and other habitations.
D + Day 2 and ahead	Continue all above functions.
	Restore health infrastructure, if damaged
	Set up cleanliness drive through special teams
	Continue review and reassessment of operations
	Continue all the services until the situation comes to normalcy. Hold a meeting with all the stakeholders before closing down the public health services.
	Prepare the final report.

Task Force 7: Special group

Time Frame	Activities
Normal Time	Sensitization and capacity building of line departments, responders and volunteers of NGOs on special group needs
	Plan and advocate for infrastructure improvement at Taluka level considering needs of special group
	Taking up disaster risk reduction issues of special group in TDMC meetings
	Identification and directory of special groups
	Updating contact directory of responding agencies/NGOs working for these group
	Preparing charter on lines of humanitarian charter
Pre D-48 to D 0 hour	Assigning responsibilities to take care of special groups needs
	Resource mobilization for safety and providing relief to these groups
	Assessment of needs of affected people
	Early warning assistance
	Plan for evacuation/ route map/ prioritizing /
During D 0 to D +72 hour	Prioritized response and relief arrangement for special groups
	Coordination with specialists and NGOs for addressing needs of special group
Post D+72 hour and onwards	Monitoring of relief distribution
	Advocacy to concerned authority
	Updating roster of special group members

Task Force 8: Animal health and welfare

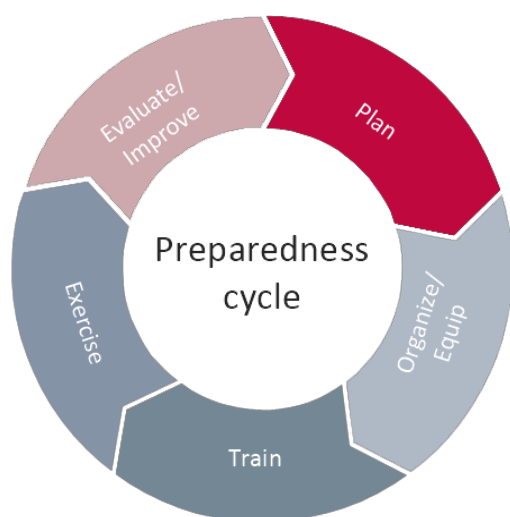
Time Frame	Activities
Pre (D-48 to D-0)	Updating details and classification of livestock, related diseases and recommended precautionary measures
	Updating List/ contacts of vets and para vets
	Updating inventory of animal hostels/panjrapol
	Upgrading/ building animal hostel/ panjrapol
	Insurance promotion for livestock
	Awareness generation/ training of staff of panjrapol for disaster related activities
	Recognition of vulnerable places and strategy for response
	Updating human and other resources needed during disaster
	Plan for water, Vaccination and fodder depot/ availability

During (D-0 to D +72)	Arrangement for Transportation facilities for animals
	Monitoring response and relief activities, including fodder availability, water and health facilities for livestock
	Surveillance of health threats among livestock
Post (D+72 and onwards)	Review of response
	Documentation of lessons learnt, best practices during disaster
	Documenting effect of disaster on livestock and livelihoods

Chapter 4-Preparedness, Prevention And Mitigation Measures

Personal preparedness focuses on preparing equipment and procedures to use when a disaster occurs, i.e., planning. Preparedness measures can take many forms including the construction of shelters, implementation of an emergency communication system, installation of warning devices, creation of back-up life-line services (e.g., power, water, sewage), and rehearsing evacuation plans. Proper Preparation can save time, money and lives. Planning for all different types of events to magnitudes in at utmost importance for disaster. Proper planning is instrumental during times of chaos to make situations less stressful. With proper planning duties will be pre-assigned to different agencies, so that when disaster does occur responders can jump right into action.

Two simple measures can help to prepare the individuals for either sitting out the event or evacuating, as necessary. For evacuation, disaster supplies kit may be prepared and for sheltering purposes a stockpile of supplies may be created...



In Aannd district, disaster management and risk reduction have become a permanent agenda of District Coordination Meeting. Now the emergency preparedness level of the district has been reviewed by the District Collector while meeting the line departments every month. Similarly, the issue has got the appropriate institutional back up for reinforcement at the district and sub-district level with disaster management becoming a permanent agenda item of Revenue and Panchayat department's monthly review meeting.

Water logging situation arise during monsoon in Ananad, to avoid water logging Issue Following Drain should be clean before monsoon:

(Annexure D)

4.1 Details of Drain in Anand District.

Sr. No.	Drain Area/Route	Name of Village	Name of Taluka	Implementing Department
1	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaaj Drain	Kasor (Bhalej)	Anand	Dy.Engineer Sub Div. Anand
2	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaaj Drain	Kunjarav	Anand	Dy.Engineer Sub Div Anand
3	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaaj Drain	Gamdi	Anand	Dy.Engineer Sub Div Anand
4	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaaj Drain	Anand	Anand	Dy.Engineer Sub Div Anand
5	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaaj Drain	VV Nagar	Anand	Dy.Engineer Sub Div Anand

6	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Samarkha	Anand	Dy.Engineer Anand	Sub	Div
7	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Bakrol	Anand	Dy.Engineer Anand	Sub	Div
8	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Boriavi	Anand	Dy.Engineer Anand	Sub	Div
9	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Sandesar	Anand	Dy.Engineer Anand	Sub	Div
10	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Rasnol	Anand	Dy.Engineer Anand	Sub	Div
11	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ajarapura	Anand	Dy.Engineer Anand	Sub	Div
12	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Saiyadpu ra	Umreth	Dy.Engineer Anand	Sub	Div
13	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Vansol	Anand	Dy.Engineer Anand	Sub	Div
14	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Bhurakoi	Petlad	Dy.Engineer Anand	Sub	Div
15	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Petlad	Petlad	Dy.Engineer Anand	Sub	Div
16	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Bamroli	Petlad	Dy.Engineer Anand	Sub	Div
17	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Sanjaya	Petlad	Dy.Engineer Anand	Sub	Div
18	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Changa	Petlad	Dy.Engineer Anand	Sub	Div
19	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Mehlav	Petlad	Dy.Engineer Anand	Sub	Div
20	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Dantali	Petlad	Dy.Engineer Anand	Sub	Div
21	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Silvai	Petlad	Dy.Engineer Anand	Sub	Div
22	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Nar	Petlad	Dy.Engineer Anand	Sub	Div
23	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Dharmaj	Petlad	Dy.Engineer Anand	Sub	Div
24	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ramodad i	Petlad	Dy.Engineer Anand	Sub	Div
25	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Khadana	Petlad	Dy.Engineer Anand	Sub	Div
26	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Palaj	Petlad	Dy.Engineer Anand	Sub	Div
27	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Kaniya	Petlad	Dy.Engineer Anand	Sub	Div
28	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Bhalej	Umreth	Dy.Engineer Anand	Sub	Div
29	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ratanpur a	Umreth	Dy.Engineer Anand	Sub	Div
30	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ashipura	Umreth	Dy.Engineer Anand	Sub	Div
31	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Pansora	Umreth	Dy.Engineer Anand	Sub	Div
32	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Jakhla	Umreth	Dy.Engineer Anand	Sub	Div

33	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ode	Umreth	Dy.Engineer Anand	Sub	Div
34	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Vehra	Borsad	Dy.Engineer Anand	Sub	Div
35	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Ras	Borsad	Dy.Engineer Anand	Sub	Div
36	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Virol	Sojitra	Dy.Engineer Khambhat	Sub	Div
37	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Trambov ad	Sojitra	Dy.Engineer Khambhat	Sub	Div
38	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Kasor(Sojitra)	Sojitra	Dy.Engineer Khambhat	Sub	Div
39	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Kothavi	Sojitra	Dy.Engineer Khambhat	Sub	Div
40	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Khansol	Sojitra	Dy.Engineer Khambhat	Sub	Div
41	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Dali	Sojitra	Dy.Engineer Khambhat	Sub	Div
42	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Palol	Sojitra	Dy.Engineer Khambhat	Sub	Div
43	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Malataj	Sojitra	Dy.Engineer Khambhat	Sub	Div
44	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Demol	Sojitra	Dy.Engineer Khambhat	Sub	Div
45	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Petali	Sojitra	Dy.Engineer Khambhat	Sub	Div
46	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Deva	Sojitra	Dy.Engineer Khambhat	Sub	Div
47	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Devataj	Sojitra	Dy.Engineer Khambhat	Sub	Div
48	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Gada	Sojitra	Dy.Engineer Khambhat	Sub	Div
49	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Limbali	Sojitra	Dy.Engineer Khambhat	Sub	Div
50	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/1Karmsad-Bhanderaj Drain	Amod	Petlad	Dy.Engineer Anand	Sub	Div
51	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Balinta	Sojitra	Dy.Engineer Khambhat	Sub	Div
52	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka	Run	Sojitra	Dy.Engineer	Sub	Div

	Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Dali Paloli			Khambhat		
53	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Bhadkad	Sojitra	Dy.Engineer Khambhat	Sub	Div
54	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Dabhou	Sojitra	Dy.Engineer Khambhat	Sub	Div
55	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Sojitra	Sojitra	Dy.Engineer Khambhat	Sub	Div
56	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jichaka	Tarapur	Dy.Engineer Khambhat	Sub	Div
57	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Gorad	Tarapur	Dy.Engineer Khambhat	Sub	Div
58	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Chikhalia	Tarapur	Dy.Engineer Khambhat	Sub	Div
59	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Padra	Tarapur	Dy.Engineer Khambhat	Sub	Div
60	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Khakhsar	Tarapur	Dy.Engineer Khambhat	Sub	Div
61	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Mahiyari	Tarapur	Dy.Engineer Khambhat	Sub	Div
62	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Isarvada	Tarapur	Dy.Engineer Khambhat	Sub	Div
63	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Tol	Tarapur	Dy.Engineer Khambhat	Sub	Div
64	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Changda	Tarapur	Dy.Engineer Khambhat	Sub	Div
65	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	kanavada	Tarapur	Dy.Engineer Khambhat	Sub	Div
66	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Milrampura	Tarapur	Dy.Engineer Khambhat	Sub	Div
67	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Invranaaj	Tarapur	Dy.Engineer Khambhat	Sub	Div
68	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Khanpur	Tarapur	Dy.Engineer Khambhat	Sub	Div
69	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	valandapura	Tarapur	Dy.Engineer Khambhat	Sub	Div
70	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka		Kasabara	Tarapur	Dy.Engineer	Sub	Div

	Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Dali Paloli			Khambhat			
71	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Chitarvada	Tarapur	Dy.Engineer Khambhat	Sub	Div	
72	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Dugari	Tarapur	Dy.Engineer Khambhat	Sub	Div	
73	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Khadakal odara	Tarapur	Dy.Engineer Khambhat	Sub	Div	
74	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jafarganj	Tarapur	Dy.Engineer Khambhat	Sub	Div	
75	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Rinja	Tarapur	Dy.Engineer Khambhat	Sub	Div	
76	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Nabhoi	Tarapur	Dy.Engineer Khambhat	Sub	Div	
77	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Fatehpura	Tarapur	Dy.Engineer Khambhat	Sub	Div	
78	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Galiana	Tarapur	Dy.Engineer Khambhat	Sub	Div	
79	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Mobha	Tarapur	Dy.Engineer Khambhat	Sub	Div	
80	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Bhandera j	Tarapur	Dy.Engineer Khambhat	Sub	Div	
81	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jalla	Tarapur	Dy.Engineer Khambhat	Sub	Div	
82	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Tarapur	Tarapur	Dy.Engineer Khambhat	Sub	Div	
83	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Moraj	Tarapur	Dy.Engineer Khambhat	Sub	Div	
84	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Amalyara	Tarapur	Dy.Engineer Khambhat	Sub	Div	
85	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Hariyan	Khambhat	Dy.Engineer Khambhat	Sub	Div	
86	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Rangpur	Khambhat	Dy.Engineer Khambhat	Sub	Div	
87	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Malu	Khambhat	Dy.Engineer Khambhat	Sub	Div	
88	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka		Kanisa	Khambhat	Dy.Engineer	Sub	Div	

	Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Dali Paloli			Khambhat			
89	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jalundh	Khambhat	Dy.Engineer Khambhat	Sub	Div	
90	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Piploi	Khambhat	Dy.Engineer Khambhat	Sub	Div	
91	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jalasan	Khambhat	Dy.Engineer Khambhat	Sub	Div	
92	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Finav	Khambhat	Dy.Engineer Khambhat	Sub	Div	
93	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jinaj	Khambhat	Dy.Engineer Khambhat	Sub	Div	
94	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Bamnav	Khambhat	Dy.Engineer Khambhat	Sub	Div	
95	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Jahaj	Khambhat	Dy.Engineer Khambhat	Sub	Div	
96	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Bhat talavdi	Khambhat	Dy.Engineer Khambhat	Sub	Div	
97	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Mobha	Tarapur	Dy.Engineer Khambhat	Sub	Div	
98	Jalsan –Fianv Drain/Gada-Sijivada Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Drain/Tarapur-Moraj-Jichka Drain/Dali Paloli	Undel	Khambhat	Dy.Engineer Khambhat	Sub	Div	

4.2 Capacity Building:

- Soft skill (Trainings & Awareness)
- Physical Strengthening (Equipments & Buildings)

Anand district had taken the preparedness measures from village level to District level.

- Anand district administration conduct Pre monsoon meeting which is one of the fundamental function of district and taluka administration for premonsoon activities of each & every department to prepare plan and start work with aspect to preparedness. Such As Nagarpalika prepared city plan according to vulnerability of the area, Mamlatdar office prepared TDMP including the Resource Material. And every line department start work with aspect to preparedness in their respective jurisdiction.
- Village Task forces formed & trained.
- Disaster Management plans like VDMPs, TDMPs, and CDMPs & DDMPs prepared & updated.
- District level officers reviewed village level disaster preparedness & interacted with the Village level Disaster Management team members.
- In Pre-monsoon meeting departmental, and stake holder's SOP were discussed & finalised, for any kind emergencies.

- For capacity building several Search & Rescue and First aid trainings organized in those trainings disaster management teams and committees members trained at village, city, and taluka and district level.
- Anand District administration also identified several stake holders from line departments, corporate sectors, NGOs and involved volunteers in disaster risk management activities; Control room Staff training, Students, teachers, home guards, police personnel, NCC and NSS students were also trained and mock drill realized. In most hazards flood prone area like Ankla, Borsad, Anand Umreth Tarapur and Khambhat, Cyclone Prone area like Khambhat and other is Chemical Disaster in Khambhat Block - entire district officers and people are Orientated so that their services can be taken at the time of any emergency.

4.3 DRM (Disaster Risk Management) Programme is implementing by district administration Under the Community based Disaster Management. DRM (Disaster Risk Management Programme) is one of the major initiatives of Gujarat State Disaster Management Authority to build/strengthen capacity of various stakeholders for an effective response during disasters. The DRM Programme is formulated with a goal of sustainable reduction in disaster risk in every district in Gujarat state. The programme activities are designed in a way which supports capacity building to institutionalize the system, undertake environment building, education, awareness programmes on different facets of disaster management including strengthening of human capacity at all levels in disaster risk management and sustainable recovery.

The DRM Programme is aiming at strengthening of response, preparedness and mitigation measures through a variety of activities at various administrative levels. Considering the impact of DRM Programme activities, GSDMA included DRMP as a new scheme and made financial provision in state budget since 2007-08 considering implementation of exit strategy of UNDP in the year 2008. GSDMA started utilising state government resources and made necessary arrangements to maintain flow of DRM Programme activities across the state.

GSDMA focuses on disaster prone districts of the state for strengthening of response, preparedness and mitigation measures. In order to ensure effective implementation of programme activities, GSDMA has appointed District Project Officers (DPOs) at district level who is working under the direct supervision of the respective District Collector. The DRM Programme initiative includes:

1. Development of disaster risk reduction and response plan at each administrative level – Village, Municipality, Taluka and District.
2. Creation of Disaster Management Teams and Committees at various levels and their institutional Capacity building through training and hardware resources.
3. Capacity Building for various stakeholders in different subject areas.
4. Updation of national and state level online database i.e. IDRN & State Disaster Resource Network Respectively for disaster preparedness and management.
5. IEC materials development for awareness generation programmes as well as training and capacity Building.
6. Manual development for trainers and practitioners at different levels.
7. Integration of disaster management plans in to the development plans of local self-governments.

4.3.1 Disaster Risk Management (DRM) PROGRAMME Level Specific Process:

The training manuals for preparation of DM plans, including database formats for all the levels have been prepared in the local language and field tested. In Gujarat, model DDMP, TDMP, CDMP, VDMP and WDMP have been developed to help with the preparation of plans along with standard operation procedure (SOPs), SOPs and manuals for first aid, search & rescue, CPR and first aid pocket size booklets and handbooks have been developed for distribution to different DM teams. A series of twelve posters have been developed as training aids for S&R and F&A training programmes.

Hazard Manuals for Earthquake, cyclone, flood and industrial accidents have been developed and distributed to all the taluka/village/city officials in the Bharuch district. In addition, leaflets and do's and don'ts along with safety tips addressing fire, tsunami, flood, cyclone, flood, and industrial and chemical hazards have been developed which are extensively used during orientation and training programmes..

IEC Materials Developed under DRM Programme



4.3.2 State Disaster Resource Network (SDRN)

SDRN is Web base data base system/portal and can be utilized for the DM related resource details/information of Taluka, City and Village of whole Bharuch district. SDRN consist contacts related as well as resources related both types of details of the Gujarat State. This portal can be utilized from Taluka, District and from state level where GSWAN connectivity and through Internate is there. For utilization of the same one can use the link. www.gsdma.org

4.3.3 India Disaster Resource Network: (IDRN) IDRN

is nationwide data base portal and utilized through district and from state and national level .IDRN consist online data base of equipment's, skilled men power and critical supplies of whole nation. The data base can be utilized at the time of crisis; the hard copy of updated equipment related details is having with DEOC separately.

4.3.4 Automated Weather System

Automated Weather system is installed in observatory, Department of Agricultural Meteorology, BACA, Anand Agriculture University, Agricultural Automatic Weather Station measures weather parameters and stores their data and transmits those data hourly. This station contains one Air Temperature – Relative Humidity sensor, Wind Speed - Wind Direction sensor, Solar Radiation sensor, Leaf Wetness sensor, Soil Temperature sensor, Rain sensor. Weather parameters monitoring and recording is provided. In Agricultural Automatic weather station Leaf Wetness sensor is mounted at 2 ft, Air Temperature – Relative Humidity sensor at 5 ft, Solar radiation sensor at 8 ft, Wind Speed - Wind Direction sensor at 9.5 ft, Soil Temperature sensor at different levels of (5, 15, 30) CM. Agricultural Automatic Weather Station polls data hourly except Solar Radiation sensor & Rain Sensor. In Solar radiation sensor polls data at every minute, In Rain sensor whenever tips comes it stores data and accumulate it.



The range of weather parameters measured by sensor is as below.

1. Air temperature - -20 to $+75^{\circ}\text{C}$
2. Relative Humidity - 0 to 100%
3. Soil Temperature - -40 to $+55^{\circ}\text{C}$
4. Rainfall - 0.1 mm to any amount (mm/day)
5. Solar radiation - 0 to 2000 Wm^{-2}
6. Wind speed - 0.4 ms^{-1} to 65 ms^{-1}
7. Wind direction - 0 to 360°
8. Leaf wetness - 0 to 100% (of area of leaf)
9. Atmospheric pressure - 100 to 1200 hecto-Pascal

4.3.5 National Cyclone Risk Mitigation Project

The National Cyclone Risk Mitigation Project seeks to minimize vulnerability in the cyclone hazard prone states and Union Territories of India and make people and

infrastructure disaster resilient, in harmony with conservation of coastal ecosystems.

Gujarat being prone to cyclones, it is the top most priority of the State Government to reduce the effect of cyclone and minimize the loss of properties and lives in the coastal regions of the State through creation of suitable infrastructure. Gujarat has been included in the NCRMP initiated by the National Disaster Management Authority and funded by the World Bank.

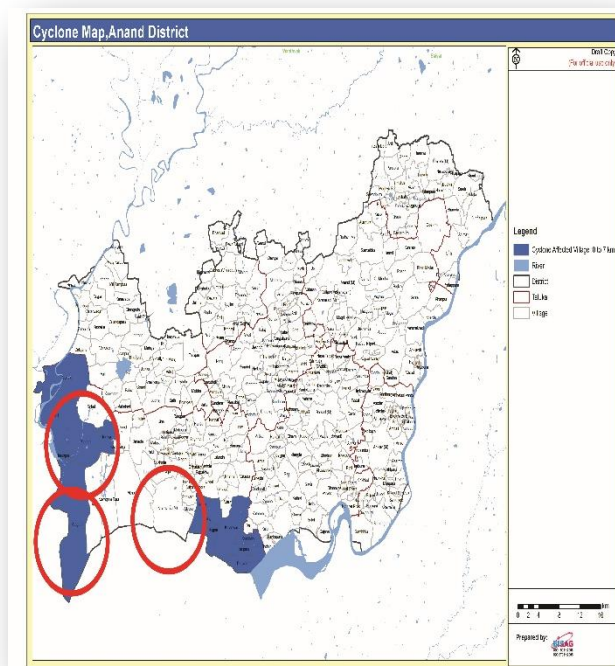
- Two important components
- Construction of Multi-Purpose Cyclone Shelters (MPCS)
- Construction and repair of missing roads
- will be implemented as part of NCRMP

4.3.6 Prevention and Mitigation Plan

For disaster prevention and mitigation, both structural and non-structural interventions can be planned. Structural interventions include construction of physical engineering and non-engineering structures to reduce hazard risks. Nonstructural mitigation includes awareness and capacity building at official and community level, formulation of new plans and overall promoting a commitment for safety.

Mitigation measures can be divided in two categories:

- i) Structural measures: On site works, construction, and engineering works and
- ii) Non-structural measures: Which include studies, research, regulations, policy changes and capacity building activities that support the structural measures.



The District disaster management plan includes hazard specific structural and nonstructural mitigation plans in consultation and convergence with various Departments. For example, the MGNREGA work can take up activities on construction of embankment for flood safety or the forest department may take up mangrove plantation in the coastal areas, while the water supply department can construct hand pumps on raised platforms.

Departments shall draw out its own plan, goals and milestones and review it annually for its achievements and planning for next year.

4.4.1 Mitigation Measures

Structural Mitigation Measures for Flood (Identified works of concerned Departments are indicative)

Industrial (Chemical) Structural Measures (in coordination with LCG, DCG district and state level authorities)

Structural measures	Activities	Implementing Departments	Time Frame
Monitoring impact of industries on NRM (land, water and air)	Data collection of impact on natural resources (ground water monitoring wells, air quality test, etc.)	DDMC, TDMC, LCG , GPCB	Regular interval
Safety assessment	Carry out structural safety inspection/audit	DISH, DCG, LCG (Dy. Industrial safety and health)	Regular interval

Industrial (Chemical) Non-Structural Measures (in coordination with LCG, DCG, district and state level authorities)

Nonstructural Measures	Activities	Implementing Departments	Time Frame
Planning	Prepare an onsite and offsite emergency plan	Occupier, DISH	2020-21
	Conduct mock drills as per the regulations	DCG, DISH and LCG	regular interval
	Update the plan as per the requirement	Occupier, DISH	regular interval
	Monitor similar activities in all the factories/ industries	DISH and LCG	regular interval
Capacity	Develop IEC material for	DDMC,TDMC	regular interval
Nonstructural Measures	Activities	Implementing Departments	Time Frame
Building	Publication & Distribution Awareness generation to general public and medical professional residing near MAH factories for immediate steps	DDMC,TDMC, LCG	regular interval

	Organize training programmes, seminars and workshops (e.g. for drivers of HAZMAT transport, line departments officers, Mamlatdar etc.)	DDMC, TDMC, LCG	regular interval
	List of experts/ resource person/ subject specialist (District emergency Off site plan)	DDMC, TDMC, LCG	regular interval
	Encourage disaster insurance	Labour & employment department	regular interval
Medical	Listing of hazardous chemicals and gases.	Occupier, DCG, LCG, DISH, BHO	regular interval
	Keep check on availability and validity of relevant antidotes for chemical hazards prevalent in District	Occupier, DCG, LCG, DISH, BHO	regular interval
	Workshops and trainings for medical professionals to handle potential chemical and industrial hazard	BHO, DCG, Occupier, LCG, DISH	Regularly
Compliance	Environmental Protection Act, Factory Act, Mutual Aid SOPs any other	DISH, GPCB	Regular interval

At the District level, the District Crisis Management Group (DCG) is an apex body to deal with major chemical accidents and to provide expert guidance for handling them. DCG has a strength of 34 members which includes District Collector, SDM and Dy. Collector, DDO, Dy. Director – Industrial Safety & Health, DSP, PI, Fire Superintendent of the City Corporations or important Municipalities, Chief District Health Officer, Civil Surgeon, SE, Chief Officer, Dy. Chief Controller of Explosives, Commandant – SRPF, I, Dy. Director – Information. At Taluka level Local Crisis Management Group (LCG) is formed for coordination of activities and execution of operations.

4.4.2 Mainstreaming Disaster Risk Reduction (DRR) in Development Context

Mainstreaming DRR concerns in development planning can guide the allocation of resources towards the protection of life and assets, restoration of productive systems and livelihoods, regaining market access, rebuilding social and human capital and physical and psychological health. Development plans therefore take on a critical role in disaster risk management. The process of mainstreaming DRR into development planning needs to have appropriate tools and methodologies along with political commitment, public understanding, scientific knowledge and expertise.

National and state level development schemes play a crucial role for the socio-economic development of the community. These schemes target huge population every year with large amount of funds for their implementation. Thus, there is tremendous potential for reducing vulnerability & risks through integration of DRR in national schemes through structured framework and operational measures.

Some key measures at policy level and delivery mechanism that can be incorporated in these national and state schemes are tabulated below. (DDMC should emphasis on these issues in periodic meeting and incorporate relevant activities in the DDMP) Scope of integrating DRR in development schemes

(Suggested for Departments and schemes to incorporate in their plans)

Sector/National and State Schemes	Action Points (Probable)
Housing and public buildings 1. PMAY (Pradhan Mantri AwaasYojana) 2. SardarAwaasYojana 3. Other Housing Programmes	• Safety audit of existing housing stock • Establishing Technology Demonstration Units for public Education and awareness. • Certification of masons and creating database of master Trainers. • Strengthen compliance and enforcement procedures of local building laws in the hazard prone areas • Adding construction elements for special needs groups in Design and planning of all public buildings and mass housing projects
Water and Sanitation 1. National Rural Drinking Water Programme (NRDWP) 2. Swajaldhara and WASMO Projects 3. Total Sanitation Campaign	• Rainwater Harvesting • Water recharge and conservation • Flood mitigation- retaining wall, strengthening Embankments etc.
Employment and NRM 1. Pradhan Mantri GramodayaYojana(PMGY) 2. Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) 3. Integrated Watershed Management Programme (IWMP)	• Prioritizing and taking up works for flood control drought proofing • Land development including plantation • Revival of traditional water harvesting structures including treatment of catchment
Health 1. NRHM(National Rural Health Mission) 2. Food for Work Programme (FWP) 3. National Food Security Mission (NFSM) 4. GVK EMRI 108 Ambulance Service State AIDS Control Programme	• Developing emergency plans and conduct mock drills in hospitals • Developing projects on community monitoring and Reporting inmajor health and food security schemes.

Education Sarva Siksha Abhiyan (SSA)	• Up gradation of infrastructure for DRR, • Special needs of vulnerable groups including disabled children in design of school building, amenities and learning processes • Development and dissemination of learning material on risk awareness, preparedness and preventive measures in school • Curricula and integration of DRR modules in the regular Training course of the “Teachers Training Institutes” • Training in life saving skills such as first aid, search and rescue, swimming to the school children, teachers and education administrators • Preparing disaster preparedness plans and conducts mock Drills through School Management Committees (SMC).
---	--

4.4.3 Risk Transfer / Risk Distribution

Risk transfer or risk distribution refers to compensation cover against loss of life or assets in case of any disaster event. Insurance and reinsurance mechanisms and products against natural and manmade disasters have rapidly evolved in last decade. According to UNISDR, “Insurance is a well-known form of risk transfer, where coverage of a risk is obtained from an insurer in exchange for ongoing premiums paid to the insurer. Risk transfer can occur informally within family and community networks where there are reciprocal expectations of mutual aid by means of gifts or credit, as well as formally, where governments, insurers, multi-lateral banks and other large risk-bearing entities establish mechanisms to help cope with losses in major events. Such mechanisms include insurance and re-insurance contracts, catastrophe bonds, contingent credit facilities and reserve funds, where the costs are covered by premiums, investor contributions, interest rates and past savings. Linkages with government insurance schemes like Rashtriya Swasthya BimaYojana, Aam Admi Bima Yojana can be extensively taken up for risk transfer. Linkages can be done for teaching staff and children with existing insurance schemes. Livestock insurance can also be taken up through animal husbandry department. Coverage of crop insurance should be increased specifically for small and marginal farmers. Weather/rainfall insurance can also be explored with various existing schemes. (DDMC should draw up their own risk transfer/distribution framework and action plan in this regard)

Institutional Plans

Each line department and important institutions at Taluka level should have disaster management plan in coordination with DDMC. The plan shall be comprehensive and include aspects of mitigation, preparedness and response.

The objective of the plan will be to: –

- Identify risks, vulnerabilities and capacities within the school premises
- Identify potential support agencies near the school.
- Prepare an action plan for capacity building- schedule of trainings, mock drills
- Prepare evacuation plan for emergency,
- Enlists procedures and measures for all round safety: fire, labs etc
- Generate data bank, which will have important contact numbers, contact persons, etc.
- Prepare stock pile of life saving tools, medicines/first aid, clothing material

A Taluka level forum for safe schools should be promoted to enhance peer to peer learning process and share experience and good practices for safe schools.

Departmental Information (linkages with other stakeholders):

The mitigation strategy of the district plan can be linked to the Indira AwasYogna to ensuring that all new houses that are built contain seismic safe features and the mason's building these houses are trained in seismic safe construction. This is one example, other examples are: flood and cyclone shelter to be constructed from the existing developmental Programme, rising of the platform of school building etc. some of them are listed:

1. Raising platform for new building in low lying or flood prone areas.
2. Alternate income generation activities to the risk group through District Panchayat's Sakhi Bachat Mandal and Self-help Groups.
3. Raising the platform of tube well in flood and cyclone areas.
4. Strengthening and abiding the local coping mechanism.
5. Construction of high raised platforms from Forest for animal resources.
6. Road & bridges to be constructed and repair based on to reduce the vulnerability.
7. Provision of communication facility to the vulnerable areas.
8. Developing the skill and capacity of various DMTs to meet the disasters.

Linking of the departmental plans with long term developmental activity in the district as well as regular updating and mock drills can ensure long term sustainability.

Chapter 5- Social Inclusion in Disaster Risk Reduction

5.1 Social Inclusion

India is a diverse country. Not only in terms of the rich culture, but also on the grounds of the hierarchical nature of the social structure and the vast gaps in socio-economic status of people, rendering some groups or communities more vulnerable to disasters than others. These inequalities become more visible and pronounced at the local levels. Hence, it is important to make sure that they are addressed in the DDMP. The Disaster Management Act, 2005, under Chapter XI, Section 61, prohibits all forms of discrimination – be it based on gender, caste, community, descent or religion – in any activities related to disaster risk reduction, disaster relief or in humanitarian assistance to the affected people. The preamble of National Policy of Disaster Management, 2009, notes that the economically weaker and socially marginalized sections, women, Scheduled Castes, Scheduled Tribes, persons with disabilities and other minorities tend to suffer more during disasters. The revised National Disaster Management Plan also lays down the matter of social inclusion in details.

There is no single definition of social inclusion, however, in very broad terms it would mean to include into practices and policies, those, who have been socially and geographically ‘excluded’. Some communities or groups of people are traditionally excluded from the social milieu. Unequal power relations are the driving force behind social exclusion, that lead to unequal access to resources, education, health care, employment, welfare schemes; lack of ability to build assets and reduce risks; and limited accessibility to post disaster relief and services. This exclusion however, becomes more severe when a person belongs to two or more marginalized groups or communities simultaneously, as they then face multiple layers of discrimination. Understanding the link between the multi-layered nature of social exclusion and discrimination in disaster risk requires a crosscutting perspective that recognizes these layers accurately and anticipates how they influence the vulnerabilities of individuals and groups. Hence, it becomes extremely significant that the activities initiated for DRR in the district are socially inclusive, for effective disaster prevention, preparedness, mitigation, response and recovery, and other related processes.

The following sections refer to some of the socially excluded groups or communities that need special attention during the different phases of disaster risk management.

5.1.1 Women and other Gender Categories

Gender is a socially constructed category, because of the attributed social meanings associated with being a man or a woman, in a given society. It determines the nature of roles, opportunities and relationships between women, men, girls and boys, as well as the relations between women and between men. In all excluded social groups (people living in poverty, lower castes, people with disabilities or people of alternative sexual orientations) women and girls are generally further marginalized because of gendered power relations that privilege men and subordinate women. Gendered disadvantages, like unequal access to resources, legal protection, decision making and power, their reproductive burden and their vulnerability to violence, consistently render women more vulnerable than men to the impacts of disasters.

Women and men experience disasters differently because of their gendered social construction. There is a tendency to see all women as a homogenous category with identical needs, which is problematic. Also following a disaster, it is likely that women will be victims of domestic and sexual violence; they even avoid using shelters for fear of being sexually assaulted. Women are more likely to suffer from malnutrition because they have specific nutritional needs when they are pregnant or breast feeding. During Post disaster planning, relief and recovery needs of women and girls tend to be overlooked because the disaster management is considered mainly a male domain of work. Women are often ignored or excluded during compensation proceedings. While most women do not possess formal ownership of either movable or immovable properties (land or assets), even those who have ownership find it difficult to complete the formalities, due to various pressures at home and the lack of gender sensitivity in the proceedings. Their losses usually remain undervalued and uncompensated.

Though women and girls are more vulnerable, the existence of other gender categories is not even recognized as a marginalized group while planning and response; and how their concerns and needs could be different from others.

The Women and Child Development Department, Gujarat, have various schemes and programs for helping women and empowering them in various ways. Even in times of disasters, there may be communication and coordination with the department for effective response and recovery processes.

5.1.2 Scheduled Castes

Caste based discrimination has been historically prevalent in India. Within the hierarchical structure of the Indian society, the lowest often face social exclusion and atrocities related to untouchability and notions of purity and pollution. For scheduled caste communities, discriminatory practices become even more exemplified and visible in rural areas, further more during emergency situations. The scheduled caste hamlets are located on the periphery of villages, mostly in the low-lying areas. They have lesser accessibility to government schemes and programs and other institutional facilities. They are also economically marginalized because of the nature of work they do – mainly wage labour, unskilled labour, scavenging and the like, often leading to migration. They often face physical assault and brutality, while the women also encounter gender-based discrimination and violence.

Hence, they become highly vulnerable in disaster situations. Further, discriminatory practices and caste-blind approaches during humanitarian assistance based on inherent systemic prejudices, increase their vulnerability manifold, as relief might or might not reach them. Therefore, they require special attention and assistance during disaster situations, so that their human rights are not violated and their basic needs and apprehensions are taken care of.

The Department of Social Justice and Empowerment, Gujarat, is responsible for the overall policy, planning and coordination of programs for integrated socio-economic development of the Scheduled Castes and must take their responsibility during disasters as well, which may be integrated with various schemes that the department has in place.

5.1.3 Scheduled Tribes

The tribal communities are simple societies, mainly geographically isolated from the majority population and closely associated with natural resources and environment. They are characterized by their traditional

knowledge, cultural cohesiveness, social relation and solidarity. Historically, these communities have been disadvantaged due to their remote location and social exclusion. They are invariably marked by poor and underdeveloped infrastructure, along with economic and educational backwardness and lack of accessibility to resources. The Particularly Vulnerable Tribal Groups (PVTGs) are further located in remote and scattered geographical locations, who may have never moved out of those areas.

The increase in ecological imbalance, coupled with the increased occurrence of disasters puts the tribal communities under strain. In disaster scenarios, therefore, vulnerability of the tribal communities increases drastically, as the disaster has effect on the life of survival. Also, they possess negligible capacity to cope with the major disasters. Hence, special attention must be provided to these communities, keeping in mind that the interventions in disaster situations do not disturb their traditions and are culturally appropriate. Also, power must be shared with the communities to make them self-reliant for the protection of their natural habitat and to enable them to have a say in decisions regarding relief and rehabilitation activities.

The Tribal Development Department, Gujarat, overall policy, planning and coordination of programs for integrated socio-economic development of the Scheduled Tribes and must take their responsibility during disasters as well. They have the required data about the Scheduled Tribes and PVTGs (population, profile, location, concerns and challenges), which can be used for effective implementation of activities and planning relating to disaster preparedness, mitigation, relief and rehabilitation. They may be integrated with various schemes of the Department, to build and restore the tribal communities' traditional institutions for capacity building.

5.1.4 Children

Children are vulnerable due to their age and immature psycho-social understanding of the surrounding. The chaos during disaster heavily affects their physical and psychological health and might be traumatized. In disaster situations they ought to be free from abuse, neglect, sexual exploitation or trafficking, and should be able to grow up in a supportive environment. Given their vulnerability, children require special support and attention during disaster crises to meet their basic needs and ensure that their rights are not violated. In situations of emergency their education may be interrupted, they may be separated from their families; they could be kidnapped and trafficked or recruited as child laborers, raped, physically attacked or otherwise traumatized. During disaster children's bodily integrity is at risk in crises with widespread and/or systematic violence.

Also, it must be kept in mind that children are not a homogenous category; girls and boys have different needs and issues to be addressed. The Women and Child Development Department, Gujarat, have various schemes and programs for children. Therefore, at times of disasters, they may combine disaster related activities with their existing schemes and activities, to address their particular needs and concerns and for their effective response and recovery.

5.1.5 Elderly

The elder population experience higher degree of fragility and decline in functional ability. They also suffer from reduced mobility and cognitive functioning, sometimes coupled with disability and diseases. They are dependent on others and are always at some form or risk (before, during and after disasters). At times of disasters, it is essential that the elderly are taken into account as a separate group, rather than clubbing them with other disadvantaged groups, since their needs and concerns are different from the rest. Different government schemes for the elderly may be integrated with various disaster related activities and associated organizations may be mobilized for effective response, evacuation, relief, rehabilitation and recovery.

The Department of Social Justice and Empowerment, Gujarat, has schemes and plans designed for facilitating persons of old age; and may incorporate disaster management related activities with them, for assisting the elderly population affected by disasters.

5.1.6 Persons with Disabilities(PwD)

Different kinds of disabilities lead to different problems and must not be regarded as a homogenous category. People with disabilities face a lot of stigma and are discriminated against, but mostly they are rendered invisible and abandoned, which escalates in disaster scenarios. In most cases, people with any kind of disability are reliant on the kindness of family, friends, neighbors and others, especially in times of disasters, for their survival and safety. Further, when intertwined with factors such as caste, class, gender, religious ethnicity, etc., their vulnerability increases manifold.

Disasters hide existing disabilities and create new ones. The key to diminishing the impact of disasters is to reduce vulnerability. It is important to be aware and have a record of Persons with Disability (PwD) and the different kinds of disabilities that they may have. It is important that active participation as per their specific needs in planning, implementation and monitoring of disaster related activities is ensured.

The Department of Social Justice and Empowerment, Gujarat, is also responsible for the upliftment and addressing the needs and concerns of people suffering from any kind of disability, as recognized by the Government of India. Even during emergency situations, they must take the responsibility and facilitate them by integrating their schemes and activities with disaster management processes.

<i>Social Inclusion in Disaster Management</i>			
	Major Themes	Departments	Responsibilities
1	Women and Other Gender Categories	Women and Child Development Department; Social Justice Committee at District and Taluka level	Communication and coordination with the department for reliable data, integration with various programs for effective response and recovery processes
2	Scheduled Castes	Department of Social Justice and Empowerment; Social Justice Committee at District and Taluka level	The Dept. is responsible for the overall policy, planning and coordination of programs for integrated socio-economic development of the Scheduled Castes and must take their responsibility during disasters as well, which may be integrated with various schemes that the department has in place
3	Scheduled Tribes	Tribal Development Department; Social Justice Committee at District and Taluka level	The Dept. has required data about the Scheduled Tribes and PVTGs (population, profile, location, concerns and challenges), which can be used for effective implementation of activities and planning relating to disaster preparedness, mitigation, relief and rehabilitation. They may be integrated with various schemes of the Department, to build and restore the tribal communities' traditional institutions for capacity building.

<i>Social Inclusion in Disaster Management</i>			
	Major Themes	Departments	Responsibilities
4	Children	Women and Child Development Department; Social Justice Committee at District and Taluka level	At times of disasters, they may combine disaster related activities with their existing schemes and activities, to address their particular needs and concerns and for their effective response and recovery.
5	Elderly	Department of Social Justice and Empowerment; Social Justice Committee at District and Taluka level	The Dept. has schemes and plans designed for facilitating persons of old age; and may incorporate disaster management related activities with them, for assisting the elderly population affected by disasters
6	Persons with Disabilities (PwD)	Department of Social Justice and Empowerment; Social Justice Committee at District and Taluka level	The Dept. is responsible for the upliftment and addressing the needs and concerns of people suffering from any kind of disability, as recognized by the Government of India. Even during emergency situations, they must take their responsibility and facilitate them by integrating their schemes and activities with disaster management processes.

Chapter 6- Recovery And Building back better

6.1 Scope and Approach

Disaster recovery is defined as the restoration, and improvement where appropriate, of facilities, livelihoods and living conditions of disaster-affected communities, including efforts to reduce disaster risk factors'. Global frameworks, like the Sendai Framework, however, professes that recovery must be carried out with the prospect to 'Build Back Better' (BBB), integrating disaster risk reduction into development measures, and making communities resilient to disasters.

The approach to recovery and reconstruction is guided by the National Policy of Disaster Management, 2009, the PM's Ten point Agenda and the different international frameworks, as mentioned in the earlier chapters.

- The approach has to be comprehensive so as to make the adverse situation after a disaster into an opportunity to build back better', incorporating disaster resilient features.
- The appropriate choice of technology and project impact assessment need to be carried out to establish that the projects contemplated do not create any side effects on the physical, socio-cultural or economic environment of the communities in the affected area as or in their neighborhoods.
- Systems for providing psycho-social support and trauma counselling need to be developed for implementation during reconstruction and recovery phase.
- Reconstruction plans and designing of houses need to be a participatory process involving the government, affected community, NGOs and the corporate sector.
- Essential services, social infrastructure and intermediate shelters/camps will be established in the shortest possible time. For permanent reconstruction, ideally, the work including the construction of houses must be completed within 2 – 3 years. Relevant Government Departments should create dedicated project teams to speed up the reconstruction process.
- The plans for reconstruction in highly disaster prone areas need to be drawn out during the period of normalcy, which may include architectural and structural designs in consultation with the various stakeholders.
- Governments should give emphasis to restoration of permanent livelihood of those affected by disaster and pay special attention to the needs of women-headed households, artisans, farmers and people belonging to marginalized and vulnerable sections.

6.2 Recovery Process

The salient provisions of the recovery framework include the following:

- 1) Institutional arrangements: Ensuring institutional mechanism at the national, state, district, and local (urban and rural) levels that clearly defines roles and responsibilities in recovery.
- 2) Coordination: There is considerable inter dependence between stakeholders—government, international agencies, private sector, civil society organizations – in realizing the objectives of recovery and inter-agency coordination is extremely important
- 3) Public-Private Partnerships (PPP): Participation of the private sector has to be leveraged for larger public good and the Public-Private Partnerships is one effective way to facilitate the private sector involvement in recovery
- 4) Information and Communication Technology (ICT): Effective use of ICT in recovery programme, disseminating messages among all stakeholders, and providing information on all aspects of recovery programme
- 5) Decision Support System (DSS): Setting up an adequate DSS that includes Management Information System (MIS), databases, deployment of spatial data management technologies
- 6) Pool of Expertise: Pooling of professional skills and expertise in diverse areas
- 7) Community Participation: Ensuring the pro-active involvement of communities, proper community outreach, empowerment, and gender equity in programme formulation and implementation
- 8) Monitoring and Evaluation (M&E): M&E is an important component required for promoting transparency in the recovery processes and it should include technical and social audits.

6.2.1 Stages of Recovery

Recovery Stage	Duration	Brief Description
Early	3 – 12 Months	Cash for work, resumption of markets, commerce and trade, restoration of social services, transitional and temporary shelters
Mid-Term	Up to 3 Years (concurrent with early recovery)	Recovery plans for assets and livelihoods, reconstruction plans for housing, infrastructure, public buildings and cultural heritage Buildings
Long-Term	Within 5 Years	Implemented along with developmental plans: infrastructure strengthening, environmental, urban and regional planning

6.2.2 Major steps of the recovery process and the key processes involved

	Major steps	Process
1	Post-Disaster Needs Assessment and Credible Damage Assessment	- Preliminary assessment reports - Compilation and transmittal of damage and loss data - Disaster damage assessments led by government and assisted by humanitarian response agencies, and the initial damage surveys leading to a comprehensive assessment - Quantitative and qualitative baseline for damage, loss, and needs across sectors, blocks (taluka) and districts - Results monitoring and evaluation plan for recovery program - Select the most appropriate and achievable processes and methodology for conducting early and credible damage and needs assessments
2	Compensation	Establishing a full-proof compensation system for correct assessment of damages and losses and timely and transparent system of compensation distribution – under
	Major steps	Process
		the direct supervision of a liaison officer in each affected village.
2	Developing a vision for Build-Back Better (BBB)	- High level meetings as well as broad-based, wider consultations with experts, civil society, and key stakeholders - Build consensus among the range of stakeholders within and outside Government
3	Ensure coherence of BBB with the development programs and goals	Discussions at top level to align the recovery vision with the government's broader, longer term development goals and growth and poverty reduction strategies
4	Incorporating resilience and BBB in recovery vision	Consultations and background studies on: - Disaster resistant physical recovery - Options for fast economic recovery - Gender and equity concerns - Vulnerability reduction - Natural resource conservation and environmental protection - Social recovery
5	Balancing recovery across sectors	- Balance public and private sectors BBB programs - Promote norms for non-discriminatory and equitable asset disbursement among individuals and communities - Prioritize infrastructure reconstruction - Address the recovery of the lives and livelihoods of disaster-affected communities - Show sensitivity to the needs of the affected population with regard to public expectations from recovery
6	Prioritising sectors for recovery	Determine relative importance of various sectors such as housing, water and sanitation, governance, transport, power, communications infrastructure, environment, livelihoods, tourism, social protection, health, and education.
7	Revisiting affected area	After a disaster event has occurred, revisit the affected area after a period of 6 months for a follow up and review process of the response and recovery activities .

6.3 Recovery Plan

Strategies for restoring physical infrastructure and lifeline services may be:

Build Back Better: This ensures greater resilience, preparedness; and minimum loss in an event of future disaster.

Participatory Planning: Infrastructure improvement measures need to be balanced with, or at least be in line with, the social and cultural needs and preferences of beneficiaries

Coordination: A plan of recovery will help better coordination between various development agencies. Damage Assessment and Needs Assessment shall be the basis of recovery planning. Various Sectors for recovery process may be:

- Essential Services- Power, Water, Communication, Transport, Sanitation, Health
- Infrastructural: Housing, Public Building and Roads
- Livelihood: Employment, Agriculture, Cottage Industry, Shops and Establishments

Basic services such as power, water supply, sanitation, wastewater disposal etc. should be restored in shortest possible time. Alternate arrangement of water supply, temporary sanitation facilities can be sought with help of special agencies, NGOs and CBOs.

Special arrangements for provision of essential services should be ensured. It can include creating temporary infrastructure for storage and distribution of water supply, running tankers, power supply and sanitation facilities

6.3.1 Restoration of Essential Services and Infrastructure

Power

Item/Services	No. of unit damaged	No of villages affected	Population affected	Recovery measures	Implementing agency	Tentative Duration (Months)	Budget
Feeder							
Transformers							
HT Lines							
LT Lines							
Electric Poles							

To be planned after initial damage assessment by departments

Health

	PHC (village name)	CHC	Sub Centre	Drug Store	Recovery Measures	Implementing agency	Tentative Duration (Months)	Budget
No of buildings damaged								
No of health centers inaccessible								

Refrigeration and other vital equipment for storage								
---	--	--	--	--	--	--	--	--

Drugs and medicines perished	(Location and qty)							
No of Ambulance damaged								

To be planned after initial damage assessment by departments

People in need of immediate rehabilitation including psychosocial support (due to disaster)

Village	Men	Women	Children	Total	Recovery Measures	Implementing agency	Tentative Duration (Months)	Budget

Water Supply

Type	Village	No. of unit affected	Faliya/ Population affected	Recovery Measures	Implementing agency	Tentative Duration (Months)	Budget
Well							
Borewells							
Pond							
Water Supply Disrupted							
Contamination							
ESR damaged							
GLR Damaged							
Sump damaged							
Pipe lines damaged							
Standpost damaged							
Cattle trough damaged							
Handpump							

Road and Transport

Road damage	Location	Severity	Km	Recovery Measures	Implementing agency	Tentative Duration (Months)	Budget
Panchayat							
State Roads							
National Highway							

Nagar Palika							
--------------	--	--	--	--	--	--	--

	Village/Ward	Population	Alternate road/route	Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget
Road Cut off							
Rail Connectivity							

Communication

Type	Office/Tower Damaged	Villages affected	Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget
Landline connectivity	(No. of unit and location)					
Mobile connectivity						
Wireless Tower						
Radio						

Food Supply

List of village affected by disruption in food supply

Type	No. of godown damage	Type of grains perished (Ton)	Qty of grain perished (Ton)	Qty of grain at risk (Ton)	Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget
Civil Supply								
APMC								
Other								

Housing

Partial Damage		Fully Damaged / Collapsed		Recovery Measures	Prog / Scheme	Implementing Agency	Tentative Duration (Months)	Budget
Kucha	Pucca	Kucha	Pucca					

Public Utilities

Public Buildings	Partial damage (No. of units)	Fully Damaged/ Collapsed (No. of Unit)	Recovery Measures	Prog/ Scheme	Implementing Agency	Tentative Duration (Months)	Budget
Panchayat							

Educational Buildings							
Anganwadi							
Hospitals							
Office Buildings							
Market							
Police station							
Community Halls/ Function plots							

Restoration of Livelihood

Provisioning of Employment

Occupational category	No. of workers	Implementing Agency	Tentative Duration (Months)	Budget
Skilled labourers				
Unskilled and , Agricultural labourers				
Small and marginal farmers				
Construction workers				
Salt pan workers				
Fisher folk				

Occupational category	No. of workers	Implementing Agency	Tentative Duration (Months)	Budget
Weavers				
Other artisans				

Land Improvement

Land erosion / siltation (Hectare)	HHs affected	Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget

Agricultural

Crop failure (Hectare)	HHs affected	Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget

Non-farm livelihood

Cottage Industry	Extent of damage/disruption		Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget
	Tools and equipment (Specify no. and type)	Goods and material (Specify type and qty)				
Handloom						
Pottery						
Food Processing						
Diamond sorting etc						
Printing/Dyeing						
Other						

Shops and establishment

Extent of damage/disruption			Recovery Measures	Implementing Agency	Tentative Duration (Months)	Budget
Building (No. and location)	Tools and equipments (Specify no. and type)	Goods and materials (Specify type and qty)				

Grievances Redressal System

Grievance redressal is important aspect in the context of providing need based assistance to affected communities with transparency and accountability. It is also ensures the protection of their rights and entitlements for disaster response services.

Grievance Redressal System

No.	Establishment/Key Person	Contact No	Address
1	DDMA/Collector	02692-262271	District Collector Office, Near Ganesh Chokdi, Anand
2	TEOC/ Mamlatdar	02692-2432220	District Collector Office, Near Ganesh Chokdi, Anand
3	Police/SP, District	02692-260027	Near Borsad Chowkadi, Anand

The Village Disaster Management Committees (VDMCs) formed shall be required to come together at a cluster level or at taluka level to put forward the grievances of the community with respect to the response and recovery actions taken by the government and their concerns

regarding issues that might have been left out or problems faced by people for availing government services like procedural requirements, etc. the grievances then need to be addressed at the taluka level itself and as soon as possible.

Chapter 7- Financial Arrangement

7.1 Sources of Funds

Funds available at the National and State Level

1. The Ministry of Finance has allocated funds for strengthening Disaster Management Institutions, capacity building and response mechanisms, as per the recommendation of 13th Finance Commission.

2. Prime Minister's Relief Fund:

At the National level, Prime Minister's Relief Fund was created shortly after Independence with public contribution to provide immediate relief to people in distress for:

- a. Immediate financial assistance to victims and next of kin.
- b. Assist search and rescue.
- c. Provide Health care to the victims.
- d. Provide Shelter, food, drinking water and sanitation.
- e. Temporary restoration of roads, bridges, communication facility and transportation.
- f. Immediate restoration of education and health facilities.

3. Chief Minister Relief Fund:

At the state level, provisions have been made to provide immediate support to the distressed people affected by natural calamities and road, air and railways accidents under the Chief Minister's Relief Fund.

Calamity Relief Fund

To provide for relief for famine, drought, floods and other natural calamities, funds are provided in the state budget under the head -2245- Relief on account of Natural Calamities. Besides establishment charges, funds are provided for the grant of gratuitous relief in the shape of concessional supply of food, cash payment to indigent persons, cash doles to disabled supply of seed, fodder, medicines, prevention of epidemics, provision for drinking water, transport facilities for goods and test relief works. Funds are also provided to meet unforeseen expenditure in connection with the natural calamities and other allied purposes.

1. Finance and Budgeting

Budget planning is a comprehensive exercise for annual financial planning. For Disaster Management, there can be two categories of budget heads—

Line Department's own fund

The following are the sources available (or to be tapped) for different components of disaster arrangement:

Name	Purpose	Finance Arrangement s	Activities that can be take under scheme	Nodal Agency
NDRF (NCCF)	Relief Assistance	100% CentralGovt	Cash and kind relief	Revenue Department
SDRF (CRF)	Relief Assistance	75% Centre, 25% State	Cash and kind relief	Revenue Department
Planning Commission (14 Finance commission) Year 2015-20	Capacity Building	100% Centre	Training Awareness Generation IEC material Mock drills	Revenue Department
State Fund	Capacity Buildig	100% State	Training Awareness Generation IEC material Mock Drills	GSDMA
Line Department Funds	Preparedness and mitigation	Line department budgetary allocation	Activities falling in purview of departments for DRR, Preparedness and Mitigation	Line Departments
District Planning Fund	Any public works	MP and MLA aid and grants	Preparedness, Mitigation capacity building, recovery	Local Bodies, Line departments
External Institutional Funding	Projects on DRR, Recovery, Mitigation and Preparedness	Total external or bilateral or multilateral arrangements	Infrastructure up gradation Technological interventions and technical studies DRR projects	Revenue Departme nt

Donor	Any	Total donation in cash and kind	Any	DDMA/TDMA
CSR	Corporate	2 % of profit	Any	Charity Commissioner
				and Corporate
Appeal	Immediate relief	Fully or partially external funds	Immediate relief, reconstruction	DDMA/TDMA

At the Taluka level, the budgeting for various activities should be planned and incorporated in the TDMP or the Taluka Disaster Management Plan after aligning itself with respective activities of line departments and other agencies. The activities proposed in various sections of this plan (mitigation, capacity building, recovery, etc.) need to be budgeted and reflected in the following format. The Budget source column indicates tentative source of funding (it may be line department funds or additional funds from above mentioned sources) Budgetary requirement of Human resource and materials (tools, equipments and plants)

Requirement Human resource	Specification	Remarks	
1.Taluka level Staff (Manpower)	Full time person responsible for facilitating for Relief & Response work	Salary as per norms	Govt.
1.	As per Requirement		

Chapter 8-Capacity Development

8.1 Background

The term Capacity Development has been defined by the UNISDR (2009) as, the process by which people, organizations and society systematically stimulate and develop their capacities overtime to achieve social and economic goals, including through improvement of knowledge, skills, systems, and institutions.‘ It includes strengthening of institutions, mechanisms and capacities at all levels of all stakeholders, i.e., primarily the community and the various governmental departments. It entails activities on various levels: legal and institutional frameworks, systems of organizations, human and material resources. The Sendai Framework also calls for reinforcing the capacity to implement and enforce risk reduction measures. The investment required for capacity development for DRR is a continuous process and must be carried out during normal time (when there is no disaster event). During this time the different governmental departments must meet and identify areas and strategies of capacity development and address organizational and institutional issues in this regard.

8.1 Major Areas for Capacity Development

<i>Capacity Development Themes</i>	
Key Aspect	Thematic Area
Prevention or mitigation for disaster risk reduction	• Hazards, Risk, and Vulnerability Assessment • Human resource development • Training of both women and men as part of VDMCs regulatory • Safety education in educational institutions • Improve the awareness and preparedness of stakeholders at all levels • Documenting lessons from previous disasters and ensuring their wide dissemination • Preparing DM plans, regular updating, and mock drills • Institutional arrangements, policies, legal support, and regulatory framework • Developing appropriate risk transfer instruments by collaborating with insurance companies and financial institutions • Strengthening early warning systems • Mainstreaming of disaster risk assessment, mapping and management into development plans and programs • Reinforce systems to implement, monitor, and enforce regulations for DRR to promote disaster-resistant built environment • Promoting community-based DM taking into account specific needs, regional diversities and multi-hazard vulnerabilities • Design and implement social safety-net mechanisms, including community-based systems • Disaster resilience of health care systems by integrating disaster risk management into primary, secondary and tertiary healthcare • Preparedness and response plans at all levels

	• Ensure development of district, taluka and village, socially inclusive drought management plans All district govt. departments/ agencies will mainstream disaster management
Prevention or mitigation for disaster risk reduction	• Hazards, Risk, and Vulnerability Assessment • Human resource development • Training of both women and men as part of VDMCs regularity • Safety education in educational institutions • Improve the awareness and preparedness of stakeholders at all levels • Documenting lessons from previous disasters and ensuring their wide dissemination • Preparing DM plans, regular updating, and mock drills • Institutional arrangements, policies, legal support, and regulatory framework • Developing appropriate risk transfer instruments by collaborating with insurance companies and financial institutions • Strengthening early warning systems • Mainstreaming of disaster risk assessment, mapping and management into development plans and programs • Reinforce systems to implement, monitor, and enforce regulations for DRR to promote disaster-resistant built environment • Promoting community-based DM taking into account specific needs, regional diversities and multi-hazard vulnerabilities • Design and implement social safety-net mechanisms, including community-based systems • Disaster resilience of health care systems by integrating disaster risk management into primary, secondary and tertiary healthcare • Preparedness and response plans at all levels • Ensure development of district, taluka and village, socially inclusive drought management plans • All district govt. departments/ agencies will mainstream disaster management efforts in their developmental plans to the village level (GDPDs)
	efforts in their developmental plans to the village level (GDPDs)

Effective preparedness and response	• Emergency response capabilities – EOCs, infrastructure, equipment upgrades, adoption of best available technologies • Strengthening of the Fire and Emergency Service through revamping, institutional reforms, and modernization • Comprehensive revamping of Fire and Emergency Services with institutional reforms and modernization • Adoption and adaptation of emerging global good practices • Rigorous training and HRD of first responders • Early warnings, maps/ satellite data/ effective dissemination of information • Table-top exercises, simulations, and mock drills to improve operational readiness of the plans • Rescue equipment at all levels • Systems to provide basic services in emergencies • Housing and Temporary shelters • Medical care for casualties, health care, sanitation • Medical care for animals to prevent veterinary diseases • Power and fuel supply management • Transportation systems and network • Logistics and supply chain management • Media relations • Managing the dead, disposal of animal carcasses, and debris • Collection and management of data • Legal services/support
Training Curriculum Development and	• Enhance targeted training programs, capacity building efforts and communication on heat illness for medical staff at local hospitals and Urban Health Centres (UHCs). These efforts should include nursing staff, paramedics, field staff and link workers, and consider the susceptibility of particular wards to heatwaves. • Organize training for employers, outdoor laborers and workers regarding health impacts of extreme heat and recommendations to protect themselves during high temperatures. • Lead child-friendly educational preventative trainings and ToTs, and distribute heat protection materials at local schools. • Training in water and soil moisture conservation and drought management with, elected representatives, community leaders, civil society organizations, animal welfare organizations • Training on veterinary care and support to drought-affected animals • Training of -VDMC members, Anganwadi workers, ashaworkers on flood response • Training to be conducted on preparedness and planning and behavioural change • Incorporating disaster response, search and rescue in the training programs of youth such as village volunteers, civil society, village/ward level leaders • Masons training to ensure seismic safety is incorporated in their work • Trainings in search and rescue with regard to earthquake • Workshops and trainings for medical professionals to handle potential chemical and industrial hazard • Incorporation of DM related information in schools in the flood and cyclone prone areas • Add more specializations and electives on HAZCHEM and chemical disaster management.

Awareness Generation	• Awareness about: - services and entitlements in times offloods - post-disaster assessment andcompensation - flood resistant housingtechniques - Personal safety andsanitation - SocialInclusion • Promote attitude and behaviour change in the awareness campaigns/IEC • Promote use of insurance/ risktransfer • Strengthening network of civil society organizations for awarenessgeneration about DRR andDM • Focus on safety and compliance with SOP at workplace forworkers • Information on safety, care and protection of disaster-affectedanimals • Carry out mass media campaigns on causes, impact and mitigationmeasures with regard todrought • Create displays, for example on ambulances, buses, during local events tobuild large scale publicawareness • Hold a frequent, possibly daily, conference call to discuss reports and breaking developmentsduringaheatalert, andensurethatcommunicationchannelsremain operational • Circulate warnings via text alerts and use social media, in collaborationwith private sector telecom companies utilizing centralized mobile databases, in addition to traditional media during a heat alert and multi hazardwarnings
Mock drills/ Exercises and Vocational Training/ Skill development	• Mock drills in every school, VDMC members to be given vocational andskill developmenttraining • Mock drills on evacuation, exercises regarding preparedness and useof equipment • Planning and execution of emergency drills for chemical/ industrialemergencies • Training on real time response, swimming, rescue andevacuation
Empowering women, marginalised communities, SC/ST, and persons with disabilities	• Include these groups inVDMC • All women rescue team –training • Make them aware about hazards, usage ofequipment • Incorporating gender sensitive and equitable approaches in capacity development covering all aspects of disaster management at the district, and locallevels • Conduct training workshops and outreach sessions with community groups and mobilizers such as Mahila Arogya Samiti, Self-Employed Women’s Association (SEWA), ASHA workers, aanganwadis, and municipal councils to help inform and get vulnerable communities more actively involved. Incorporate other sectors such as higher education, nonprofits, and community leaders to increase reach to communities
Community based disaster management and riskreduction	• Community consultation for preparation of DDMP and local DMPlans • Identification of parameters for development of plan to make community resilient to hazards • Periodic meetings with communities atrisk • Training of task forces on rescue, first aid , housing safety and socialinclusion
Recovery and build backbetter	• Post-Disaster Needs Assessment systems and expertise • Credible damage assessment mechanisms andexpertise • Planning capabilities to ensuring coherence of BBB with overalldevelopment efforts andgoals • Studies and research for incorporating resilience into BBBmodels • Studies on past disasters and recovery to draw usefulesons

8.2 Role of localNGOs/CSOs

The role of Non –governmental organizations (NGOs) or Civil Society Organizations (CSOs) have multi-dimensional roles to play within there of DRR and Disaster Management. They are involved in advocacy, assessment processes, capacity building and knowledge management, incollaboration with the government and other wise. Capacity development must take place at community, institutional and government levels. Apart from these local NGOsor CSOs must be recognized in Disaster Management and mapped in the disaster prone areas. They act as capacities in all phases of disaster management and the government may communicate and coordinate with them for effective implementation of services. They may be engaged in activities related to sectors like education, health including reproductive health, shelter, livelihood, water and sanitation, security, environmental protection, disability and relief materials and other supplies. They have roles and responsibilities with respect to institutional arrangements, coordination mechanisms, contingency planning, capacity needs analysis and standardized capacity building,hazard monitoring, forecasting andearly warning, and information and knowledge management and communication.Periodic meetings with district authorities may be planned for discussions on and review of the District Disaster Management Plan(DDMP).

Chapter 9- Maintaining And Updating The Plan

9.1 Introduction

The District Disaster Management Plan (DDMP) provides a framework and direction to the government agencies for all phases of disaster management cycle, which must be reviewed and revised periodically.

Plan maintenance is a dynamic process of updating the plan on a periodic basis. The backbone of maintaining the plan is carrying out mockdrills and updating the plan based on lessons learnt thereof. This is a method of identifying the gaps and putting in place a system to fill the same. Regular updating of stakeholder details, contact numbers and resource inventory is another inherent and essential function of plan maintenance.

The District Administration, Anand constituted a special committee under the Supernumerary Collector, with designated nodal officers for the same to undertake over all updating exercise of the DDMP. Vulnerabilities newly brought to the attention of the district administration as a result of the disasters in Anand in the last years and lessons learnt have been incorporated. Detailed meetings with Line Departments and Nodal officers have also brought for the important lessons for Disaster Risk Mitigation and Reduction. These will be incorporated in this plan, and put up for discussion for dovetailing with development plans in the district. This will ensure that the element of Disaster Mitigation achieves due attention in all important aspects of administration.

9.2 Plan Testing

The Commissioner of Relief and the Collector shall prepare, review and update the District level Disaster Management plan as provided for in the Gujarat DM Act (Section 22 (1) (C)). He/She shall also ensure that disaster management drills and rehearsals are carried out periodically.

While updating the plan the following aspects need to be considered by the Collector every year:

- i) Critical analysis of the outcome of exercises & mock drills as part of plan testing.
- ii) Incorporation of lessons learnt in the updated plan as a result of recommendations received from different stakeholders and as a result of mock drill exercises conducted.
- iii) Regular updating of the resource inventory and key infrastructure available in the district, and their updating on the SDRN.

The plan must be thoroughly tested and evaluated on a regular basis, at least twice a year. The plan testing should preferably be organized on the first Thursday in the months of April and October every year.

The main objectives of plan testing are to:

- (i) Determine the feasibility and compatibility of back up facilities and procedures.
- (ii) Identify areas in the plan that need modification.
- (iii) Identify training needs of key stakeholders.
- (iv) Assess the ability of the organization/ department to respond to disaster threats.

All departments that have specific roles and responsibilities in the DDMP must have a system to ensure that all Officers of their departments who have a specific role to play are fully conversant with their responsibilities/tasks.

9.3 Debrief and Evaluation-Mock Drills

- i) After the mock exercise, debriefing and evaluation is very important. It is of critical importance that insights are collected from participants and use them to modify the plan.
- ii) Debriefing is very effective as it is carried out immediately after the exercise. It also includes documentation in terms of recommendations and improvements of the plan.
- iii) The lessons learned from the mock exercise are likely to be similar to those from real events. The only major difference is that exercises are controlled events, specifically designed to test procedures and they can be repeated again and again until sound /workable arrangements are in place.

9.4 Review/Updating of Plan

The Disaster Preparedness and Response Plan should be reviewed and updated regularly, based on inputs as under:

9.5 Drills and Rehearsals

9.6 Recommendations from all Depts. in their Annual DM Report

9.7 Lessons learnt from Disasters in other Districts, States and countries

9.8 Directions from GSDMA, Ministry of Home Affairs, NDMA, Government etc.

GSDMA and all other concerned Depts. should encourage formal and informal interaction with various stakeholders at different levels to learn and document their experiences, so that such experiences can contribute constructively towards updating of the DDMP for further improving the capacity and capability to deal with future Disasters.

Yearly Updating:

The Collector can, once a year, before the onset of the monsoon season, review in the monthly RO and Coordination Committee meetings, the level of disaster preparedness of different agencies and Line Departments. The Collector can direct Line Departments to submit plans of works executed during that year and add the relevant ones to their documentation of works undertaken under Disaster Risk Reduction

Annexure 1: Resources/Equipments Available in Anand District-2026

No	Name of Tanka	Life jacket	Lifebuoy	Rope-100ft	Rope-200ft	DG set	Rain gauge
1	Anand	1	3	2	6	0	1
2	Umreth	42	47	10	0	1	1
3	Borsad	27	28	2	2	1	1
4	Anklav	3	20	0	3	1	1
5	Petlad	3	16	0	1	2	1
6	Sojitra	24	28	4	0	1	1
7	Tarapur	24	83	1	2	1	1
8	Khambhat	6	27	3	0	1	1

Annexure 2: Health Department Plan

❖ યોમાસા દરમ્યાન કાર્યરત ૨૪ × ૭ કંટ્રોલરૂમની માહિતી :-

કંટ્રોલરૂમનું સ્થળ :-
 ડિઝાસ્ટર શાખા,
 જુની કલેક્ટરશ્રીની કચેરી, આણંદ
કંટ્રોલરૂમ ફોન નંબર :- ૦૨૬૮૨-૨૪૩૨૨૨

❖ કંટ્રોલરૂમ દરમ્યાન રોગચાળા સંબંધિત કે અન્ય અગત્યની માહિતી નીચે જણાવેલ નંબર ઉપર આપવાની રહેશે.

Vehicle Information District: Anand

Sr.No.	Institution	Vehicle On Road				
		Ambulance with Ventilator	Ambulance without Ventilator	Total	Other Vehicle	Total
1	PHC	0	40	40	14	54
2	CHC	0	14	14	0	14
3	SDH	0	0	0	0	0
4	DH	0	1	1	1	2
5	Medical College	0	0	0	0	0
6	108	17	0	17	0	17
7	NGOs	0	0	0	16	16
8	Private Hospital	2	15	17	6	23
9	Other	0	0	0	0	0
	(if any pls specify)					

District RRT (Rapid Response Team)

No	Designation	Contact
		Office
1	CDHO & Dist.Nodal Officer	75678 70001
2	District Surveillance Officer (EMO)	--
3	District Epidemiologist	--
4	Entomologist / DMO	02692-260 675
5	Clinician (Pediatrics)	02697-224422
6	Pathologist	02697-224422
7	Microbiologist	02692-224422

Taluka Level Rapid Response Team

Anand Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Anand
2	MO	Chikhodra
3	Pharma	Navli
4	THS	Anand
5	FHW	Chikhodra
6	Driver	Chiokhodra

Anklav Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Anklav
2	MO	Betasi
3	Pharma	Bamangam
4	THS	Bhetasi
5	FHW	Umeta
6	Driver	Bamangam

Borsad Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Borsad
2	MO	Virsad
3	Pharma	Badalpur
4	THS	Zarola
5	FHW	Davol
6	Driver	Virsad

Petlad Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Petlad
2	MO	Bandhani
3	Pharma	Bandhani
4	SN	Bandhani
5	THS	Petlad
6	Driver	Bandhani

Sojitra Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Sojitra
2	MO	Deva Talpad
3	Pharma	Dabhau
4	THV	Sojitra
5	THS	Sojitra
6	Driver	Dabhau

Khambhat Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Khambhat
2	MO	Vatadara
3	Pharma	Undel
4	SN	Machipura
5	THS	Khambhat
6	Driver	Vatadara

Tarapur Taluko		
Sr.No.	Designation	Head Quarter
1	THO	Tarapur
2	MO	Khada
3	Pharma	Khada
4	FHW	Budhej
5	THS	Khada
6	Driver	Khada

Umreth Taluko

Sr.No.	Designation	Head Quarter
1	THO	Umreth
2	MO	Thamna
3	Pharma	Thamna
4	SN	Thamna
5	THS	Umreth
6	Driver	Thamna

સામુહિક આરોગ્ય કેન્દ્રોની માહિતી :-

SN	Taluka	CHC	Landline No		Email ID
			STD Code	Number	
1	Anand	Ode	02692	282548	chcode.health.anand@gmail.com
2	Anand	Sarsa	02692	272088	chcsarsa.health.anand@gmail.com
3	Anand	Vasad	02692	274280	chcvasad.health.anand@gmail.com
4	Anklav	Anklav	02696	282039	chcanklav.health.anand@gmail.com
5	Bortsad	Ras	02697	285638	chcras.health.anand@gmail.com
6	Khambhat	Khambhat	02696	220560	chckhambhat.health.anand@gmail.com
7	Khambhat	UNDEL	02698	--	chcundel.health.anand@gmail.com
8	Petlad	Dharmaj	02697	244603	chcdharmaj.health.anand@gmail.com
9	Petlad	Mehlav	02697	247187	chcmehlav.health.anand@gmail.com
10	Sojitra	Sojitra	02698	233244	chcsojitra.health.anand@gmail.com
11	Tarapur	Tarapur	02692	255426	chctarapur.health.anand1@gmail.com
12	Umreth	Umreth	--	--	chcumreth1.health.anand1@gmail.com
13	Borsad	BORASD	02696	220017	chcborsad.health.anand1@gmail.com
14	Borsad	KATHANA	02696	273326	chckathana.health.anand1@gmail.com

પ્રાથમિક આરોગ્ય કેન્દ્રોની માહિતી :-

SR. NO	TALUKA NAME	PHC NAME	LANDLINE NO		E-MAIL ID
			STD Code	Number	
1	ANAND	ADAS	02692	284565	phcadas.health.anand@gmail.com
2	ANAND	AJARPURA	02692	285635	phcajarpura.health.anand@gmail.com
3	ANAND	BORIAVI	02692	230438	phcbakrol.health.anand@gmail.com
4	ANAND	CHIKHODRA	02692	271675	phcboriavi.health.anand@gmail.com
5	ANAND	KUNJRAV	02692	255255	phcchikhodara.health.anand@gmail.com
6	ANAND	NAVLI	02692	222234	phckaramsad.health.anand@gmail.com
7	ANAND	PHC KARAMSAD	02692	286610	phckunjrav.health.anand@gmail.com
8	ANAND	RASNOL	02692	283263	phcnavli.health.anand@gmail.com
9	ANAND	Vadod	02692	273524	phcrasnol.health.anand@gmail.com
10	ANAND	VERAKHADI	02692	280659	phcvadod.health.anand@gmail.com
11	ANAND	VVNAGAR	02692	272917	phcverakhadi.health.anand@gmail.com
12	Anklav	Bamangam	02696	287625	phcbamangam.health.anand@gmail.com
13	Anklav	Bhetasi	02696	272300	phcbhetasi.health.anand@gmail.com
14	Anklav	Khadol(H)	02696	284877	phckhadol.health.anand@gmail.com
15	Borsad	Alarsa	02696	271922	phcalarsa.health.anand@gmail.com

SR. NO	TALUKA NAME	PHC NAME	LANDLINE NO		E-MAIL ID
			STD Code	Number	
16	BORSAD	BADALPUR	02696	273316	phcbadalpur.health.anand@gmail.com
17	Borsad	Bhadran	02696	288388	phcbhadaran.health.anand@gmail.com
18	BORSAD	Bochasan	02696	221314	phcdavol.health.anand@gmail.com
19	BORSAD	Dahevan	02696	273326	phcdehvan.health.anand@gmail.com
20	Borsad	Sisva	02696	273326	phckathana.health.anand@gmail.com
21	BORSAD	VIRSAD	02696	283623	phcnapa.health.anand@gmail.com
22	Borsad	Zarola	02696	288503	phcsisva.health.anand@gmail.com
23	Borsad	Davol	02696	285681	phczarola.health.anand@gmail.com

24	Borsad	Napa	02697	244256	phcvirsad.health.anand@gmail.com
25	Borsad	Kanbha	-	-	phcbochasan.health.anand@gmail.com
26	Khambhat	Bamanava	02698	287651	phcbamanva.health.anand@gmail.com
27	Khambhat	Dhuvaran	02698	242175	phcdhuvaran.health.anand@gmail.com
28	Khambhat	Kalamasar	02698	282628	phcrohini.health.anand@gmail.com
29	Khambhat	Rohini	02698	286616	phcsayama.health.anand@gmail.com
30	Khambhat	Sayma	-	-	phckalamsar.health.anand@gmail.com
31	Khambhat	Undel	02698	285642	phcundel.health.anand@gmail.com

Sr. No	Taluka Name	Phc Name	Landline No		E-Mail Id
			Std Code	Number	
32	Khambhat	Vadgam	02698	282319	Phcvadgam.Health.Anand@Gmail.Com
33	Khambhat	Vatadara	02698	283639	Phcvatadara.Health.Anand@Gmail.Com
34	Petlad	Bandhani	02697	247782	Phcbandhani.Health.Anand@Gmail.Com
35	Petlad	Changa	02697	247752	Phcchanga.Health.Anand@Gmail.Com
36	Petlad	Morad	02692	281619	Phcmorad.Health.Anand@Gmail.Com
37	Petlad	Nar	02697	246635	Phcnar.Health.Anand@Gmail.Com
38	Petlad	Pandoli	-	-	-
39	Petlad	Sihol	02692	281618	Phcsihol.Health.Anand@Gmail.Com
40	Petlad	Simarda	02697	252536	Phcsimarda.Health.Anand@Gmail.Com
41	Petlad	Vadadala	02697	244513	Phcvadadala.Health.Anand@Gmail.Com
42	Sojitra	Dabhou	02697	239612	Phcdabhou.Health.Anand@Gmail.Com

Sr. No	Taluka Name	Phc Name	Landline No		E-Mail Id
			Std Code	Number	
43	Sojitra	Deva Talpad	-	-	-
44	Sojitra	Piplav	02697	238950	Phcdevatalpad.Health.Anand@Gmail.Com
45	Tarapur	Budhej	-	-	Phcbudhej.Health.Anand@Gmail.Com

46	Tarapur	Khada	-	-	-
47	Tarapur	Khanpur	02698	258988	Phckhada.Health.Anand@Gmail.Com
48	Umreth	Bharoda	02692	286644	Phcbhalej.Health.Anand@Gmail.Com
49	Umreth	Sundalpur a	02692	282553	Phcbharoda.Health.Anand@Gmail.Com
50	Umreth	Thamna	02692	279228	Phcpansora.Health.Anand@Gmail.Com
51	Umreth	Bhalej	02692	282569	Phcshili.Health.Anand@Gmail.Com
52	Umreth	Shili	02692	279910	Phcsundalpura.Health.Anand@Gmail.Co m
53	Umreth	Pansora	02692	276178	Phcthamna.Health.Anand@Gmail.Com

Annexure 3: List of YAMS Aapda Mitra in Anand District

Sr.No	District	Name	Mobile Number
1	Anand	KARAN SOLANKI	9106170101
2	Anand	VISHALKUMAR PARMAR	7567456078
3	Anand	GOVINDBHAI RATHOD	8155832429
4	Anand	RAHULKUMAR RATHOD	6356070388
5	Anand	BHAVESHBHAI VANZARA	6354151544
6	Anand	JAYDIPKUMAR PARMAR	9316162139
7	Anand	DEVKUMAR PARMAR	8511852181
8	Anand	BHOLABHAI CHAUHAN	7016276071
9	Anand	CHIRAGBHAI MARVADI	9313050269
10	Anand	KRISH PATEL	6353120626
11	Anand	DHRUVKUMAR CHAUHAN	9913710396
12	Anand	PARTH JADAV	6351431865
13	Anand	ZUBER RANA	9016066294
14	Anand	KISHANKUMAR SODHAPARMAR	7862912129
15	Anand	HANSRAJ PARMAR	7623978275
16	Anand	SHIVAM RATHOD	6352390473
17	Anand	JEMSGIRI GOSWAMI	9875119828
18	Anand	NILESHKUMAR KOLI	8799245860
19	Anand	VANRAJSINH GOHEL	8128355011
20	Anand	ASHIKHUSEN MALEK	7041629809
21	Anand	JAYDIPBHAI ROHIT	7383490744
22	Anand	TAURABKHAN PATHAN	7096279084
23	Anand	SOHEL KAJI	7433867723
24	Anand	AKSHAYBHAI PARMAR	9327064936
25	Anand	MAHAMMADYUNISH MALEK	7284050460
26	Anand	SACHINKUMAR CHAMTHA	9316989657
27	Anand	JAYMINKUMAR PARMAR	9265692537
28	Anand	RAHUL PARMAR	8460413165
29	Anand	YASHKUMAR HARIJAN	7046352868
30	Anand	PITNTUBHAI SOLANKI	9313935256
31	Anand	SUHANALI SAIYAD	9313723362
32	Anand	AADILMIYA MALEK	9512860954
33	Anand	MITESHKUMAR PARMAR	7359937067
34	Anand	VIPULKUMAR PARMAR	9016384718
35	Anand	AMITKUMAR LUHAR	9624654934
36	Anand	FAHIM PIR	9974599986
37	Anand	HITESHKUMAR ROHIT	8511009919
38	Anand	AAKASHKUMAR PARMAR	8140779607
39	Anand	PAPPUKUMAR TALPADA	9875135441

40	Anand	PRAKASHKUMAR VASAVA	9023712202
41	Anand	NITINBHAI TALPADA	9624703718
42	Anand	TANVIR RATHOD	9714360189
43	Anand	ASHVINKUMAR PARMAR	9913693913
44	Anand	SANJAYKUMAR RATHOD	6354663149
45	Anand	DHAVALKUMAR VAGHELA	8347360062
46	Anand	VIRPALSINH TALPADA	7862079945
47	Anand	KARANKUMAR BHOI	9265641354
48	Anand	SANJAY BHARVAD	9723325433
49	Anand	RAMESHBHAI SUTHAR	9510879419
50	Anand	SHAHEJADSHA DIVAN	9925292320
51	Anand	PRATIKKUMAR SOLANKI	9328302859
52	Anand	VISHVAJITSINH BARAD	6354022488
53	Anand	CHIRAG JADAV	9512099511
54	Anand	NIKHIL CHUNARA	8780472286
55	Anand	SAVANKUMAR CHUNARA	6355756554
56	Anand	JATINKUMAR CHUNARA	9510270023
57	Anand	KRISHNAKUMAR KHARVA	9429329371
58	Anand	YUVRAJSINH MAKWANA	7698820383
59	Anand	RANJITBHAI RATHOD	7043476164
60	Anand	PRADIPKUMAR RAVAL	9313256996
61	Anand	JAYENRASINH SINDHA	9428274933
62	Anand	RAJESHBHAI SOLANKI	6354423192
63	Anand	ARJUNBHAI VALMIK	8347172290
64	Anand	HARSHADBHAI HARIJAN	7984392303
65	Anand	SHAILESH RATHOD	8780017152
66	Anand	BHARAT TALPADA	6355775337
67	Anand	NAYAN SOLANKI	9638435274
68	Anand	PARTH CHAVDA	7874892725
69	Anand	PIYUSH CHAVDA	9924492191
70	Anand	INDRAJITSINH GOHEL	6353891294
71	Anand	ARUN RAVAL	7990926840
72	Anand	SHIVAM PARMAR	9724712552
73	Anand	BHAVINBHAI PADHIYAR	9327781594
74	Anand	DALSUKHBHAI SOLANKI	9313610290
75	Anand	SATISHBHAI ZALA	8799340193
76	Anand	NAYAN CHAUHAN	8200612431
77	Anand	MAHAMMADUVESH DIWAN	9054837639
78	Anand	VISHAL THAKOR	9313127505
79	Anand	VAIBHAV KUMAR	9054266299
80	Anand	JAY PATEL	9265210593
81	Anand	VAIDIK PADHARIYA	6354646932
82	Anand	SAGARKUMAR BARIA	9328057857
83	Anand	HET PRAJAPATI	7285821610
84	Anand	AMIT VISHWAKARMA	8320359688

85	Anand	PRINCEKUMAR PATEL	6352439361
86	Anand	SIDDHARTH USADADIYA	9426676137
87	Anand	BHADJA PALL	9104540078
88	Anand	HARSHVARDHANSINH BHATI	9328988301
89	Anand	GUNJANKUMAR PANCHAL	8799461507
90	Anand	PURV PARIKH	9870071496
91	Anand	VISHVAJITSINH CHAUHAN	9327319639
92	Anand	MANAN PATEL	9106084625
93	Anand	HARSHKUMAR PATEL	7434990833
94	Anand	URVISH PATEL	9016277955
95	Anand	HARSH NAYI	7046562829
96	Anand	MAYURBHAI BARIYA	9510632162
97	Anand	TANAYKUMAR GADHAVI	7575843570
98	Anand	SIDDHARTH ROKAD	9601183130
99	Anand	JAYMINSINH RATHOD	9081252701
100	Anand	CHINTAN BRAHMANIYA	7490070133
101	Anand	AXAY PARMAR	9328170750
102	Anand	DILIP DANGAR	9819945032
103	Anand	DAX MERJA	9054972734
104	Anand	RUTVIK MULSANIYA	6359933404
105	Anand	RATNABHAI AAL	9974949259
106	Anand	KISHAN CHOCHA	6353835085
107	Anand	KEVALKUMAR CHAUHAN	9712949448
108	Anand	VAIBHAVKUMAR VANKAR	9737220459
109	Anand	ASHOKBHAI MINAMA	6352135631
110	Anand	KANJIBHAI PARMAR	8758519094
111	Anand	KISHAN PARMAR	9979720634
112	Anand	RAVIKUMAR CHAUHAN	9879451863
113	Anand	DIPAKKUMAR MIR	7283867184
114	Anand	VISHAL MARU	9978043295
115	Anand	JUNEDBHAI KHALIFA	9586727978
116	Anand	MEHULKUMAR PARGI	9512356593
117	Anand	SHRISANTKUMAR KATIJA	9726038408
118	Anand	ADITYA YADAV	7408995035
119	Anand	DHARAMASHI GOYAL	9726596275
120	Anand	SANJAY GOYAL	9726550116
121	Anand	PRAVINKUMAR MEDA	9727050529
122	Anand	AKASHBHAI VAGHMASHI	9099120866
123	Anand	KISHANKUMAR ZALA	9016967407
124	Anand	MUKESHBHAI RAJPUT	9316004679
125	Anand	GAUTAMBHAI BAMBHANIYA	6352557196
126	Anand	KAMLESHBHAI HADIYA	8153813618
127	Anand	AJAYBHAI BHARWAD	9429670581
128	Anand	MAHENDRABHAI DAMOR	9726442305
129	Anand	KIRANBHAI BHURIYA	6354478511

130	Anand	CHIRAGBHAI BHURIYA	9727946518
131	Anand	JAYDIPSINH BARIYA	9313307779
132	Anand	MOHAMMADMUJAMMIL MALEK	8799675170
133	Anand	VIPULBHAI KHANT	9327987015
134	Anand	NILESHBHAI RAJ	7383092966
135	Anand	HARDIKKUMAR PARMAR	8160748086
136	Anand	VISHAL PARMAR	9328309127
137	Anand	SHIVAM RAVAL	6355406684
138	Anand	TARISH GOHIL	6352001266
139	Anand	AARYA BHATT	8347580822
140	Anand	CHANDANKUMAR VAKHALA	6354335088
141	Anand	DHRUVBHAI TALPADA	8780489159
142	Anand	ATULKUMAR SINGH	7990025196
143	Anand	RAMAKANT GUPTA	9724484129
144	Anand	MUKUNDBHAI TALPADA	7861088243
145	Anand	VISHALKUMAR MAKWANA	9512342513
146	Anand	RAJAN SOLANKI	8780307642
147	Anand	JAYRAJSINH CHAVDA	7434950524
148	Anand	ARYAN DESAI	9773169382
149	Anand	MASOOM PATEL	9265713849
150	Anand	GOVINDKUMAR CHOUHAN	9509489321
151	Anand	TIRTHKUMAR ASHVINBHAI PATEL	9974551327
152	Anand	HETKUMAR BABUBHAI PATEL	7990905077
153	Anand	BHATT JANVIBEN MITESHBHAI	9727893171
154	Anand	MOHAMMAD ADIL USMANGANI	9157318205
155	Anand	PRIYAMKUMAR PARSHURAM HARIJAN	9104751201
156	Anand	MAHAMMAD SAIF VALI MAHAMMAD VAHORA	9023629168
157	Anand	NAUMAN SOHILBHAI VAHORA	9727278469
158	Anand	DODIYA KEYUR	7567042928
159	Anand	RAJPUT RAJVEER SANJAY KUMAR	7862888969
160	Anand	HARSHKUMAR KISHORKUMAR MISTRY	6352645722
161	Anand	PARMAR KESHA SHAILESHBHAI	9313593701
162	Anand	Luhar Ghanshyam Vinod Bhai	9662256559
163	Anand	Rana Ranjit Manubhai	9327657715
164	Anand	Parmar Krishna Shaileshbhai	8160245585
165	Anand	Vaghela Krishna Pravinsinh	9327002880
166	Anand	Patel Dipika Ajit Singh	9875150547
167	Anand	Vaghela Pragna Dilipbhai	9106148239
168	Anand	Garasiya Nazmin Bharatsingh	7990499713
169	Anand	maniyar Nehant Vimalbhai	9328181930
170	Anand	jital Rameshbhai	8980272785
171	Anand	sejalben amit kumar	7990481812
172	Anand	Heenaben Vishnubhai Solanki	8154946590
173	Anand	parth riteshbhai	6355427265
174	Anand	Darshan Chimanbhai Vaghela	8154045628

175	Anand	PARMAR NITIN KUMAR MAHESH BHA	9737483047
176	Anand	PARMAR MANISHABENRASHMINBHAI	8160170310
177	Anand	Vhora Reshmabanu minhajbhai	7046172434
178	Anand	Patanvadiya sanjaykumar bhanubhai	9512412130
179	Anand	vhora sohelbhai inushbhai	9724821631
180	Anand	Vhora Afsanabr n sohelbhai	8160460712
181	Anand	Ajaybhai Dilipbhai Vaghari	79884109358
182	Anand	Kamleshbhai Gohel	8160489316
183	Anand	Gohel Aaryan Balvantbha	9313985417
184	Anand	Mahir Kumar Bharatbhai	8140591425
185	Anand	Arjunsinh Mahendrasinh	9313221684
186	Anand	Parmar Shaktisinh Jatubhai	8469496977
187	Anand	Miteshbhai Ashokbhai Solanki	9974085978
188	Anand	Rathod himesh vishal bhai	8849496267
189	Anand	zala pruthviraj Vikramsingh	8849894578
190	Anand	Parmar Jaypal Arjunsinh	9313352566
191	Anand	Devkumar Yogeshbhai Kharva	7383854748
192	Anand	Mohitkumar Kiritbhai Kharva	9924683540
193	Anand	Krishnakumar Dharmeshbhai Kharva	9558129371
194	Anand	Dilpbhai Mafatbhai Chauhan	9274227081
195	Anand	Priya Shreerambhai pal	9328824318
196	Anand	Thakor Dhvanit Deepakbhai	99781 59376
197	Anand	Parmar Hiten kumar Punambhai	8799306427
198	Anand	Parmar Dashrathbhai Balendrabhai	6351554513
199	Anand	Solanki Kmalesh Somabhai	9313426823
200	Anand	Makwana Yuvraj Singh bhupendra bhai	7698820386
201	Anand	Solanki Himmat jenabhai	9173287179
202	Anand	Solanki kalpesh ranchhodbhai	8799346045
203	Anand	Vahora Minhaj Umargani	9023172434
204	Anand	Parmar Ghansyam Punambhai	9328652178
205	Anand	Prajapati Nirav Farshuram	7016030350
206	Anand	Bhimani Ravikumar Bharatbhai	6351495323
207	Anand	Aditya Yadav	7307447249
208	Anand	Chavda Devendra PradipKumar	8128343480
209	Anand	Thakor Sachinbhai Dinesh	7984168396
210	Anand	Pratikbhai R. Kaklotar	9638025744
211	Anand	Thakor Jigarbhai Ashvinbhai	9016176412
212	Anand	Vivek N Giri	9313487715
213	Anand	Goswami Krunal Giri Jignesh Giri	9328272307
214	Anand	Sahdev B Bharvad	7984304918
215	Anand	Yogesh M Bharvad	9327563069
216	Anand	Bhojani Axaykumar Raysingbhai	6355838514
217	Anand	Pritesh V bariya	6352512901
218	Anand	Jay Divyeshkumar Patel	9327906166
219	Anand	Mahendra D Thakor	9327566826

220	Anand	Harshil J Patel	9409460236
221	Anand	Parmar Ankur Babubhai	6352512026
222	Anand	Parmar Ranjitbhai Khodabhai	6354470559
223	Anand	Ammar Memon	7621044035
224	Anand	Bhoomika Bariya	9510615344
225	Anand	Krishaben.H.Patel	6352946294
226	Anand	Chotaliya Tanvi D	6351425579
227	Anand	Urmi Anilbhai Saroj	8758161260
228	Anand	Thakor Eshaben Ravjibhai	8200729436
229	Anand	Khan Rafiya Mohammad Matin	9316333044
230	Anand	Payal Sen	8733045819
231	Anand	Arpita Pradeep Dumraliya	6354754035
232	Anand	Hemangi Suvera	6356412513
233	Anand	Dhani Anilbhai Vataliya	7778871680
234	Anand	Hetal Rajubhai Shiyal	9737621535
235	Anand	Zala Hetaliba Chandrasinh	8488087214
236	Anand	Mahida Gayatriben Jagdishbhai	6354045203
237	Anand	Joshi Krishna Vipulkumar	8758694855
238	Anand	Bhavika Arjunbhai Thakor	7201965629
239	PATEL HEMIL BHARGAVKUMAR	ANAND COMMERCE COLLEGE ANAND	9429014562
240	RAJ ADITYASINH PRADIPSINH	ANAND COMMERCE COLLEGE	6355972829
241	VAHORA URVESHBHAI SAMADBHAI	C P PATEL & F H SHAH COMMERCE (AUTONOMOU) COLLEGE	9313195525
242	THAKOR KISHANKUMAR VALLABHBHAI	ARTS SCIENCE AND R A PATEL COMMERCE COLLEGE BHADRAN	9737857791
243	SOLANKI HARDIKKUMAR MAHESHBHAI	ART'S SCIENCE AND R.A.PATEL COMMERCE COLLEGE BHADRAN	9328105778
244	PARMAR HARIHAR BHAI CHEEMANBHAI	AATS SCIENCE &R. A. PATEL COMMERCE COLLEGE BHADRAN -388530-	6351031250
245	DABHI BHAUMIK MAGANBHAI	ANAND COMMERCE COLLEGE, ANAND	9426833003
246	NARENDRABHAI NATUBHAI	ARTS SCIENCE AND R A PATEL COMMERCE COLLEGE BHADRAN	7043909127
247	GOHEL ADITYAKUMAR RAMESHBHAI	C.P PATEL AND F.H SHAH	7383256585
248	DABHI BHAVIN KUMAR MAHENDRABHAI BHAI	C.P.PATEL &F.H.SHAH.COMMERCE (AUTONOMOUS) COLLEGE	9898265891
249	VRAJ RAVIBHAI PANDYA	ANAND COMMERCE COLLEGE	8200873001

250	VISHALKUMAR VIPULBHAI SOLANKI	ARTS, SCIENCE AND R. A. PATEL COMMERCE COLLEGE,BHADRAN	9408504468
251	BRAHMBHATT DEVANSH LESARKUMAR	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	7990569478
252	MAHIDA HARDIKSINH DINESHSINH	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9316956297
253	RANA DHRUVINSINH JAYENDRASINH	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	7046457716
254	PARMAR PREM ASHOKBHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9054873663
255	PATEL MEET HASHMUKHBHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9974143121
256	CHAUHAN SHAILESKUMAR AMARSINH	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9978194203
257	BHARWAD JAYRAM DEVASHIBHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9773248396
258	BHARVAD VAJUABHAI JALABHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9313883723
259	VANZARA DEEPAK LALABHAI	CP PATEL AND FH SHAH COMMERCE COLLEGE ANAND	7016262173
260	SOLANKI KIRTANKUMAR KANUBHAI	ARTS SCIENCE & R A PATEL COMMERCE COLLEGE	9737682441
261	GOHEL ADHUIITSINH SHADEVSINH	NALINI ARVIND AND TV PATEL ARTS COLLEGE	8320216363
262	NAYAKA KAUSHIKBHAI DILIPBHAI	NALINI ARVIND & T.V. PATEL ARTS COLLEGE	9313723820
263	JADAV BHAVESHKUMAR NATUDIBHAI	ARTS, SCIENCE AND R.A.PATEL COMMERCE	9104340120
264	ROHIT MINALDEN KIRITOHAI	ANAND COMMERCE COLLEGE ANAND	8469855858
265	MANSI DIPAKBHAI RANA	ANAND COMMERCE COLLEGE,ANAND	8799630845
266	PANDYA KAVYA ASHISHKUMAR	CP PATEL & FH SHAI COMMERCE COLLEGE	6359928584
267	RAVAL PRIYANSHII VIJAYKUMAR	ANAND COMMERCE COLLAGE	6356304457, 9925448420
268	PRAJAPATI SWETA	ANAND COMMERCE COLLEGE ANAND	6351149099

	JAGDISHBHAI		
269	Mahl Ramesh Kumar dave	Anand arts college	9662593112
270	RATHOD PAYALBEN RAJUBHAI	ANAND COMMERCE COLLEGE	8849749485
271	PAREKH BHAVYABEN JITENDRABHAI	C.P.PATEL & F.H.SHAH COMMERCE COLLEGE, ANAND	7041330104
272	VAHORA IRAMBEN YUNUSBHAI	ANAND COMMERCE COLLEGE	6351487573
273	SOLANKI NIDHIBEN MAHENDRASINH	CP PATEL & FH SHAH COMMERCE COLLEGE	8780826682
274	Bhoomi K Patel	Anand arts college	8799640175
275	BHOI SHRUTI GANPATBHAI	C P PATEL & F H SHAH COMMERCE COLLEGE	8347553494
276	URVI GAJENDRASINH BAROT	S M PATEL COLLEGE OF HOME SCIENCE	9157632328
277	RITABEN TARUNBHAI DODIYA	C.P.PATEL & F.H.SHAH COMMERCE COLLEGE, ANAND	7,86,30,50,645
278	PADHIYAR RASHMIKABEN PRAVINSINH	ARTS, SCIENCE AND R.A.PATEL COMMERCE COLLEGE, BHADRAN	6355417653
279	RUSHIKA HEMANTKUMAR PATEL	S.M.PATEL COLLEGE OF HOME SCIENCE	7895872933
280	PARMAR VAISHALI R	S.M.PATEL. COLLEGE OF HOME SCIENCE	9714600280
281	HIR C SUTHAR	S M PATEL COLLEGE OF HOME SCIENCE	9328755204
282	THAKOR PRIYANKA MAHESHBHAI	S.M PATEL COLLAGE OF HOME SCIENCE	6359460795
283	RAJPUROHIT CHETNA SURESHBHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9023319193
284	GOSAI MAITRI ALPESHGIRI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9687405861
285	BHUMI PRAKASHBHAI RAJAI	CP PATEL AND FH SHAH COMMERCE COLLEGE	6351977763
286	USHABEN BABUBHAI SOLANKI	CP PATEL AND FH SHAH COMMERCE COLLEGE	7984111707
287	PATEL KAVYANJALI SANJAYBHAI	SHRI V. Z. PATEL COMMERCE COLLEGE, ANAND	9875092876
288	Hina Ashokbhai	Anand Arts College	9016963058

	Thakor		
289	JADAV ANJALI BEN DINESH BHAI	ARTS SCIENCE AND AR PATEL COMMERCE COLLEGE, BHADRAN	6354155428
290	RUPALBEN RAMESHBHAI DHOI	NALINI ARVIND& T. V. PATEL ARTS COLLEGE	9574228266
291	DAMOR VARSHABEN VALSINGBHAI	NALINI ARVINAD AED T V AART COLLEGE	7990373494
292	SEVAK SANSKRUTIBEN NIMESHKUMAR	NALINI ARVIND &T. V PATEL ARTS COLLEGE	9512718225
293	SOLANKI TULSI AJITSINH	ANAND ARTS COLLEGE	8140412624
294	VAGHELA PRIYANKA SANTOSH KUMAR	ANAND ARTS COLLEGE.ANAND	9157776130
295	RADHA PRHALDBHAI RAJPUT	AANAD ARTS COLLEGE	7874449395
296	HINGU SNEHA KAMLESHBHAI	ANAND ARTS COLLEGE	9875244789
297	KUSHWAHA SAPNA SANTOSHBHAI	ARTS AND SCINCE AND COMMARCE COLLEGE BHADRAN	8200633195

Annexure 8: List of Swimmers Taluka-Wise in

Anand District with contact details

* For all taluka follow similar

બોરસદ

format .

તરવૈયાની યાદી

અં.નુ	નામ	ફોન નંબર	ઓફિસ નામ
૧	છોટાભાઈ ડી પરમાર	૭૬૯૮૧૯૯૨૫૧	વિરસદ હોમગાર્ડ યુનિટ
૨	મહેશભાઈ આર ઠાકોર	૯૦૧૬૪૫૩૧૭૬	
૩	જયેશકુમાર બી ઠાકોર	૮૩૨૦૩૦૬૦૮૧	
૪	આશોકભાઈ પી ઠાકોર	૭૮૭૪૩૩૨૨૩૪	
૫	અરવિંદભાઈ એસ પરમાર	૬૩૫૨૦૫૫૪૪૨	
૬	ઈલેશભાઈ એમ પરમાર	૭૦૪૬૬૭૦૩૯૮	
૭	અશોકભાઈ આર પરમાર	૯૫૭૪૧૯૩૬૯૦	
૮	મહેશભાઈ આર ઠાકોર	૯૦૨૩૪૧૩૧૧૬	
૯	મહેશભાઈ કે ઠાકોર	૯૭૨૬૨૭૯૩૬૫	
૧૦	નિકુજભાઈ જીસોલંકી	૯૭૨૬૨૭૯૩૬૫	
૧૧	રયજીભાઈ એસ ઠાકોર	૭૯૮૪૦૨૭૬૭૧	
૧૨	દિનેશભાઈ બી ઠાકોર	૯૦૧૬૫૮૫૫૧૫	બોરસદ હોમગાર્ડ યુનિટ
૧૩	દશરથભાઈ એસ રાહોડ	૮૧૨૮૧૫૧૫૩૬	
૧૪	રાજેશભાઈ પી ઠાકોર	૯૯૯૮૭૭૯૩૭૮	
૧૫	અંકિતભાઈ કે ચોહાણ	૯૬૦૧૫૦૩૯૨૨	
૧૬	દિલીપભાઈ પી ઠાકોર	૯૭૩૭૯૪૧૯૨૦	
૧૭	અશોકભાઈ મનુભાઈ ઠાકોર	૭૩૫૯૫૯૩૩૧૬	
૧૮	મુકુન્દભાઈ ગોવિંદભાઈ આહીર	૯૬૦૧૭૧૦૮૫૨	
૧૯	આશિષકુમાર દિનેશભાઈ પારેખ	૯૭૨૭૦૭૦૧૬૩	
૨૦	ગોવિંદભાઈ રાયસંગભાઈ રાહોડ	૭૦૯૬૦૮૩૨૮૫	
૨૧	વિશાલકુમાર વિનુભાઈ ગોહેલ	૯૩૧૬૬૪૯૫૫૭	
૨૨	જીઝ્નેશભાઈ મણીભાઈ આહીર	૯૮૯૮૭૮૦૯૦૨	
૨૩	વિજયકુમાર દોલતસિંહરાજ	૬૩૫૫૬૩૧૪૫૭	
૨૪	નરેન્દ્રભાઈ બીરાજ	૭૨૨૬૮૮૧૩૬૭	

૨૫	લાલભાઈ જે યુનારા	૭૦૪૩૩૬૧૪૦૧	
૨૬	પ્રફુલભાઈ સીપરમાર	૮૪૮૭૦૬૬૦૪૯	
૨૭	અર્જુનભાઈ એપરમાર	૯૭૧૨૦૮૫૧૨૯	
૨૮	રાજુભાઈ આર પરમાર	૯૫૫૮૦૮૯૭૬૪	
૨૯	અજયભાઈ આર સલાટ	૬૩૫૫૩૯૫૯૪૩	
૩૦	અરવિંદભાઈ એમઠાકોર	૯૭૨૫૧૩૨૬૪૭	
૩૧	ગૌરાંગભાઈ પી રાજ	૮૧૨૮૨૫૧૪૨૩	
૩૨	અરવિંદભાઈ ભીખાભાઈપરમાર	૯૬૨૪૪૧૫૧૬૪	કાલુ
૩૩	નીમેષકુમાર પ્રભુભાઈપટેલ	૯૨૬૫૬૫૯૮૮૧	રુદેલ
૩૪	કાન્તીભાઈ અંબાલાલપરમાર	૯૭૨૭૮૧૮૧૧૪	રુદેલ
૩૫	દિનેશભાઈ મંગળભાઈપરમાર	૯૬૨૪૦૫૫૦૪૭	રુદેલ
૩૬	અશ્વિનભાઈ સોમાભાઈપટેલ	૯૪૨૮૧૫૩૭૬૫	રુદેલ
૩૭	કમલેશભાઈ રમેશભાઈહરીજન	૯૭૨૫૧૪૯૮૪૩	રુદેલ
૩૮	જયેન્દ્રસિંહ હઠીસિંહમહીડા	૮૧૪૧૫૭૭૫૯૭	ગાજણા
૩૯	સુખદેવસિંહ નટવરસિંહમહીડા	૯૭૧૨૮૮૧૬૬૭	ગાજણા
૪૦	રમણભાઈ હિંમતસિંહમહીડા	૮૧૪૧૬૫૨૩૬૮	ગાજણા
૪૧	જીતુભાઈ કાલિદાસતળપદા	૭૨૦૩૦૮૦૯૯૭	બદલપુર
૪૨	નટુભાઈ ભરતભાઈવાઘરી	૬૩૫૧૧૦૯૭૬૭	બદલપુર
૪૩	રમેશભાઈ જીકાભાઈતળપદા	૭૬૯૮૨૬૭૬૩૨	બદલપુર
૪૪	ઈશ્વરભાઈ આશાભાઈવાઘરી	૯૮૯૮૬૩૯૬૪૫	બદલપુર
૪૫	ધુળાભાઈ કાલિદાસતળપદા	૭૬૯૮૪૯૬૧૪૧	બદલપુર
૪૬	પ્રહલાદભાઈ ખુમાનભાઈસોલંકી	૯૦૯૯૯૮૯૧૬૮	બનેજડા
૪૭	સબુરભાઈ કાળાભાઈવાઘરી	૭૦૪૧૭૨૫૬૭૦	બોચાસણ
૪૮	મેલાભાઈ છોટાભાઈવાઘરી	૭૦૪૬૭૮૮૩૬૬	બોચાસણ
૪૯	રાજુભાઈ ચકાભાઈતળપદા	૭૦૪૧૫૩૦૩૬૨	ઝારોલા
૫૦	મંગલભાઈ પ્રભાતભાઈતળપદા	૭૭૭૮૮૨૩૦૨૨	ઝારોલા
૫૧	કાનજીભાઈ કુલાભાઈચાવડા	૭૫૬૭૯૫૯૦૦૨૫	નાનીશેરડી
૫૨	યશવંતભાઈ ભરતભાઈમકવાણા	૯૯૭૮૫૭૨૩૯૫	નાનીશેરડી
૫૩	કરણભાઈ ગણપતસિંહપરમાર	૭૯૯૦૧૨૯૩૬૪	નાની શેરડી
૫૪	ભાઈલાલભાઈ ચંદુભાઈપરમાર	૯૬૦૧૭૦૧૩૧૪	નાની શેરડી
૫૫	ચંદુભાઈ ખોડાભાઈમકવાણા	૯૭૨૩૯૮૬૪૮૬	નાની શેરડી

૫૬	પ્રમોદકુમાર જસવંતસિંહપઢિયાર	૯૯૯૮૬૫૬૯૦૮	નાની શેરડી
૫૭	નટવરસિંહ રામસિંહપઢિયાર	૯૯૯૮૬૨૨૫૪૧	નાની શેરડી
૫૮	સહદેવસિંહમહેન્દ્રસિંહ પઢિયાર	૭૪૯૦૯૪૧૬૨૦	નાની શેરડી
૫૯	કિરણકુમાર જસવંતપઢિયાર	૭૪૯૦૯૫૩૧૧૦	નાની શેરડી
૬૦	મહેન્દ્રભાઈ મોતીભાઈપઢિયાર	૯૬૬૨૭૨૮૪૯૦	નાની શેરડી

સોજીત્રા

સોજીત્રા તાલુકાના ગામોમાં સમાવિષ્ટ તરવૈયાની યાદી

અનુ	ગામ નું નામ	નામ	મોબાઈલ નંબર
૧	લીંબાલી	બાબુભાઈ વિષ્ણુભાઈ વાઘરી	૬૩૫૪૪૭૭૯૯૪
૨	લીંબાલી	મનોજભાઈ મગનભાઈ વાઘરી	૬૩૫૪૪૭૭૯૯૪
૩	લીંબાલી	કાંતિભાઈ પુંજાભાઈ વાઘરી	૬૩૫૪૨૦૬૩૨૭
૪	મેઘલપુર	ચંદુભાઈ રાવજીભાઈ જાદવ	૯૦૧૬૨૨૬૧૬૯
૫	મેઘલપુર	હર્ષદભાઈ રમતુભાઈ જાદવ	૯૫૫૮૮૫૫૨૭૪
૬	મેઘલપુર	પ્રવિણભાઈ મંગળભાઈ ચુનારા	૬૩૫૨૮૨૪૪૮૫
૭	કોઠાવી	સંજયભાઈ પી. પરમાર	૭૦૧૬૪૪૬૭૩૯
૮	કોઠાવી	અશ્વિનભાઈ એ. પરમાર	૯૩૨૮૫૯૫૫૨૦
૯	કોઠાવી	કમલેશભાઈ એમ. વાઘરી	
૧૦	કોઠાવી	વિજયભાઈ એમ. વાઘરી	૭૦૬૯૮૬૪૪૪૦
૧૧	વિરોલ સો	નરેશભાઈ ઠાકોરભાઈ પરમાર	૯૮૭૯૫૧૫૯૬૩
૧૨	વિરોલ સો	ઠાકોરભાઈ બકોરભાઈ ચૌહાણ	૯૬૨૪૭૫૧૮૨૩
૧૩	વિરોલ સો	રાજુભાઈ કાન્તીભાઈ પટેલ	૯૭૨૨૫૫૫૪૫૯
૧૪	ભડકદ	સાકીરશા વીરાશા દિવાન	૯૫૩૭૩૭૪૨૨૧
૧૫	ભડકદ	નટુભાઈ અમૃતભાઈ રાઠોડ	૮૧૪૧૫૨૭૪૬૨
૧૬	ભડકદ	અરવિંદભાઈ શકરાભાઈ સોલંકી	૬૩૫૪૪૦૩૬૫૫
૧૭	ભડકદ	વાહીદશા મહંમદશા દિવાન	૯૦૧૬૬૫૭૧૯૩૫
૧૮	ખણસોલ	નટુભાઈ શનભાઈ પરમાર	૯૭૧૨૧૭૧૯૫૬
૧૯	ખણસોલ	અમૃતભાઈ રામાભાઈ પરમાર	૭૦૯૬૫૨૬૬૭૯
૨૦	ખણસોલ	સંજયભાઈ પરસોતમભાઈ પટેલ	૯૮૭૯૮૩૧૮૦૯
૨૧	ખણસોલ	પિયુષભાઈ નગીનભાઈ પરમાર	૯૯૨૪૨૭૮૧૫૨
૨૨	ખણસોલ	રાજુભાઈ વિનુભાઈ પરમાર	૯૫૭૪૩૧૮૨૯૯
૨૩	ખણસોલ	કનુભાઈ પરસોતમભાઈ પરમાર	
૨૪	બાંટવા	રમેશભાઈ સવજીભાઈ પરમાર	૭૫૭૨૯૮૧૧૪૦
૨૫	બાંટવા	કનુભાઈ બુધાભાઈ પરમાર	૭૦૧૬૩૦૫૬૦૭
૨૬	બાંટવા	અમરસિંહ અંબાલાલ પરમાર	૮૭૯૯૨૬૨૯૧૭
૨૭	બાંટવા	ગોપાલભાઈ ધુળાભાઈ પરમાર	
૨૮	બાંટવા	મહેશભાઈ જાલમભાઈ પરમાર	૯૬૬૨૭૬૧૯૩૭

૨૯	કાસોર	ચિમનભાઈ હરમાનભાઈ તળપદા	૯૭૨૭૨૨૬૪૦૭
૩૦	કાસોર	હિતેન્દ્રભાઈ હરમાનભાઈ તળપદા	૯૭૨૭૨૨૬૪૦૭
૩૧	કાસોર	હર્ષદભાઈ ચંદુભાઈ તળપદા	૭૪૩૩૮૧૪૫૪૭
૩૨	કાસોર	નરેશભાઈ વિનુભાઈ તળપદા	૯૬૩૮૯૬૮૫૦૪
૩૩	કાસોર	પ્રવિણભાઈ છગનભાઈ તળપદા	૯૧૦૪૬૬૧૫૨૭
૩૪	કાસોર	શંકરભાઈ હિમતભાઈ તળપદા	૯૯૨૪૬૫૨૬૩૬
૩૫	.ત્રંબોવાડ	સંજયભાઈ રમણભાઈ ચૌહાણ	૭૨૮૩૮૫૫૦૭૦
૩૬	.ત્રંબોવાડ	વિષ્ણુભાઈ ભગાભાઈ ચૌહાણ	૬૩૫૨૩૧૧૨૬૨
૩૭	.ત્રંબોવાડ	રોહિતભાઈ ચીમનભાઈ ચૌહાણ	૯૯૨૪૫૩૩૮૩૬
૩૮	મલાતજ	મહિડા કરણસિંહ અજિતસિંહ	૯૧૦૬૪૫૬૬૪૮
૩૯	મલાતજ	બારૈયા કનુભાઈ હાથીભાઈ	૭૫૬૭૭૫૧૦૭૨
૪૦	મલાતજ	બારૈયા રમેશભાઈ ડાહ્યાભાઈ	૭૩૫૯૬૯૩૯૧૧
૪૧	મલાતજ	પરમાર બલવંતભાઈ મંગળભાઈ	૯૬૦૧૭૬૦૫૧૩
૪૨	મલાતજ	રોહિત પ્રવિણભાઈ દિનેશભાઈ	૬૩૫૧૫૮૦૧૫૫
૪૩	મલાતજ	રાઠવા રમેશભાઈ ઉદલભાઈ	૯૯૯૮૨૬૮૦૫૮
૪૪	મલાતજ	પરમાર કનુભાઈ નરસિંહભાઈ	૯૯૭૯૯૮૩૭૫૨
૪૫	મલાતજ	પટેલ યગ્નેશભાઈ અંબાલાલ	૯૫૫૮૭૩૯૫૭૬
૪૬	મલાતજ	પટેલ ભાવેશભાઈ અરવિંદભાઈ	૯૫૫૮૧૮૩૦૫૮
૪૭	મલાતજ	મહિડા અરૂણભાઈ કનકસિંહ	૯૭૨૪૧૨૧૫૪૨
૪૮	પીપળાવ	હરેશભાઈ નટુભાઈ રાવળ	૯૭૧૨૫૩૮૫૪૪
૪૯	પીપળાવ	મહેશભાઈ કનુભાઈ મહીડા	૯૭૧૨૭૦૪૬૬૬
૫૦	પીપળાવ	જશભાઈ આશાભાઈ ઠાકોર	૮૧૫૪૯૪૪૮૬૯
૫૧	પીપળાવ	રમેશભાઈ સોમાભાઈ તળપદા	૮૧૨૮૭૯૪૬૮૮
૫૨	પીપળાવ	અરવિંદભાઈ જયંતિભાઈ રાણા	૯૭૨૩૯૯૮૪૦૩
૫૩	દેવાતજ	દીલીપસિંહ જીતસિંહ સિસોદીયા	૯૯૧૩૦૦૮૪૭૯
૫૪	દેવાતજ	ધનજીભાઈ બુધાભાઈ પરમાર	૯૯૧૩૪૫૦૮૦૯
૫૫	દેવાતજ	તળપદા અરવિંદભાઈ એમ	૯૬૮૭૮૫૨૦૨૪
૫૬	દેવાતજ	પટેલ અમિતભાઈ ભુપેન્દ્રભાઈ	૯૭૨૬૩૩૨૩૩૮
૫૭	દેવાતજ	શંભુભાઈ મંગળભાઈ વાઘરી	૬૩૫૮૦૯૩૭૯૦
૫૮	પલોલ	કનુભાઈ બુધાભાઈ પરમાર	૬૩૫૨૭૭૯૬૭૦
૫૯	પલોલ	ચંદુભાઈ ગોરધનભાઈ પરમાર	૯૩૧૩૭૬૯૬૮૫
૬૦	પલોલ	વિક્રમભાઈ મોહનભાઈ વાઘરી	૯૬૩૪૫૬૬૦૫૦
૬૧	પલોલ	પંકજભાઈ ચંદુભાઈ પરમાર	૭૮૬૧૯૦૮૫૩૩
૬૨	ડાલી	ભાવેશભાઈ જશભાઈ પરમાર	૯૫૭૪૪૭૨૭૪૨
૬૩	ડાલી	મહેશભાઈ કાન્તીભાઈ પરમાર	૯૯૦૯૩૬૧૯૮૮
૬૪	ડાલી	જાલમસંગ કનુભાઈ પરમાર	૯૯૦૪૮૩૭૬૩૬
૬૫	ડાલી	વિષ્ણુભાઈ ઉદેસિંહ પરમાર	૮૧૪૧૨૨૮૬૯૦
૬૬	ડાલી	પીયુશભાઈ ઉમેદભાઈ હરિજન	૯૬૮૭૦૫૪૧૭૨

૬૭	બાલીન્ટા	સંજયભાઈ રામાભાઈ સોલંકી	૭૬૦૦૮૦૮૨૦૮
૬૮	બાલીન્ટા	સંજયભાઈ રતિલાલ સોલંકી	૮૪૬૮૫૨૬૩૨૫
૬૯	બાલીન્ટા	દલપતભાઈ છોટાભાઈ ચુનારા	૮૬૦૧૧૬૨૮૩૪
૭૦	બાલીન્ટા	વિનુભાઈ કુલાભાઈ સોલંકી	૮૫૩૭૬૭૬૫૧૦
૭૧	બાલીન્ટા	પ્રમુખભાઈ વિક્રમભાઈ ચુનારા	૮૫૮૬૭૮૮૪૮૬
૭૨	ગાડા	ગોવિંદભાઈ બચુભાઈ સોલંકી	૮૬૦૧૫૦૨૩૮૧
૭૩	ગાડા	કિરણભાઈ મનુભાઈ સોલંકી	૭૬૦૦૧૨૨૦૧૨
૭૪	દેવાતળપદ	ગોહેલ રાવજીભાઈ આશાભાઈ	૭૬૮૮૭૫૮૭૫૧
૭૫	દેવાતળપદ	ગોહેલ લાલજીભાઈ કિશાભાઈ	૮૭૧૪૫૨૪૮૧૮
૭૬	દેવાતળપદ	ગોહેલ રંજીભાઈ દેવજીભાઈ	૮૮૧૩૧૮૬૧૨૪
૭૭	દેવાતળપદ	બારૈયા જશભાઈ રમણભાઈ	૮૮૨૪૩૫૩૪૧૮
૭૮	દેવાતળપદ	ગોહેલ ભરતભાઈ પ્રતાપભાઈ	૭૨૦૨૦૫૬૨૩૮
૭૯	મઘરોલ	સુરેશભાઈ ધુળાભાઈ રાઠોડ	૮૮૨૪૫૭૭૫૧૧
૮૦	મઘરોલ	નટુભાઈ જાયાભાઈ રાઠોડ	૮૦૫૪૪૧૬૦૩૪
૮૧	મઘરોલ	સોમાભાઈ રંજીભાઈ રાઠોડ	૮૮૮૮૪૩૨૮૦૭
૮૨	મઘરોલ	નરેશભાઈ વિનુભાઈ રાઠોડ	૮૬૨૪૩૮૪૧૮૦
૮૩	મઘરોલ	નરસિંહભાઈ નારણભાઈ રોહિત	૭૬૨૩૮૮૭૩૩૪
૮૪	મઘરોલ	અજિતસિંહ ગોરધનભાઈ રાઠોડ	૮૧૪૧૨૧૧૮૧૩
૮૫	મઘરોલ	સુરેશભાઈ જયંતીભાઈ રાઠોડ	૮૩૨૮૩૮૫૬૮૧
૮૬	ઈસણાવ	બુધાભાઈ છોટાભાઈ તળપદા	૮૬૮૭૭૫૬૭૨૩
૮૭	ઈસણાવ	છોટાભાઈ મણીભાઈ તળપદા	૬૩૫૮૦૮૩૫૨૮
૮૮	ઈસણાવ	સુરેશભાઈ ભુપતભાઈ તળપદા	૮૮૨૫૧૮૦૩૬૮
૮૯	ડભોડ	કાંતિભાઈ શૈલેષભાઈ વાઘરી	
૯૦	ડભોડ	કમલેશભાઈ ભીખભાઈ તળપદા	૭૬૮૮૪૫૧૦૧૨
૯૧	ડભોડ	અમિતભાઈ વિનુભાઈ વાઘરી	
૯૨	ડભોડ	રમેશભાઈ મેલાભાઈ વાઘરી	
૯૩	ડભોડ	વિજયકુમાર નારણભાઈ રાઠોડ	૮૧૪૦૪૦૧૮૫૭

આંકલાવ

તરવૈયાની અધતન માહિતી તા.આંકલાવ

અ.નં.	ગામનું નામ	તરવૈયાનું નામ	મોબાઇલ નંબર
1	કહાનવાડી	ભીખાભાઈ સોમાભાઈ પઢિયાર	9586396929
2	કહાનવાડી	જયંતી ભાઈ સંકર પઢિયાર	9099373542
3	જોષીકુવા	પ્રકાશભાઈ ડાહ્યાભાઈ રોહિત	7861990681
4	બીલપાડ	બચુભાઈ હીરાભાઈ વણકર	8140790984

5	બીલપાડ	ભાઈલાલભાઈ બચુભાઈપઢિયાર	9106496644
6	બીલપાડ	રઈજીભાઈ અંબાલાલપઢિયાર	6354795051
7	બીલપાડ	વિપુલભાઈ બચુભાઈ ડાભી	9023215807
8	બીલપાડ	રંગીતભાઈ ભઈલાલભાઈપઢિયાર	8849614246
9	ચમારા	મહેન્દ્રભાઈ રમણભાઈપઢિયાર	6353628026
10	ચમારા	પરેશભાઈ રમેશભાઈપઢિયાર	9327335269
11	ચમારા	રમેશભાઈ મંગળભાઈપઢિયાર	9586957884
12	નારપુરા	અરવિંદભાઈ કાળાભાઈપરમાર	7567580108
13	નારપુરા	સંજયભાઈ ફતાભાઈ પરમાર	6354635544
14	દેવાપુરા	અરજુનભાઈ એફ. ચાવડા	6354778874
15	જીલોડ	કલ્પેશભાઈ ડાહ્યાભાઈસોલંકી	7698159378
16	જીલોડ	વિપુલભાઈ કરશનભાઈસોલંકી	6352078935
17	બામણગામ	પ્રકાશભાઈ રાવજીભાઈપરમાર	9773064715
18	બામણગામ	શાન્તીલાલ હરમાનભાઈપઢિયાર	9913832693
19	અંબાલી	દિલીપ ઉદાભાઈ રાઠોડ	7698988723
20	અંબાલી	ચીરાગભાઈ પઢિયાર	9638618851
21	ભાણપુરા	અજીતસિંહ લાલસિંહ રાજ	9978551917
22	ભાણપુરા	કલ્યાણસિંહ રાજ	7859894020
23	કોસિન્દ્રા	કાલુભાઈ સમસેરભાઈ મલેક	9714167319
24	કોસિન્દ્રા	ભરતભાઈ મનુભાઈ તળપદા	9327334705
25	કોસિન્દ્રા	કૌસિકભાઈ શનાભાઈ તળપદા	9727496732
26	કોસિન્દ્રા	સોમાભાઈ બચુભાઈ તળપદા	7600933423
27	ગંભીરા	બુધાભાઈ ખુશાલભાઈમાછી	7041462911
28	ગંભીરા	ભગવાનભાઈ જેશંગભાઈપઢિયાર	8160270260
29	ગંભીરા	ભાઈલાલભાઈ ખોડાભાઈગોહેલ	9979867250
30	ગંભીરા	હર્ષદભાઈ સોમાભાઈનિઝામા	9974191361
31	કંથારીયા	મહેન્દ્રભાઈ અંબાલાલમકવાણા	7698052943
32	રણછોડપુરા	ગોવિંદભાઈ ભાથીભાઈચુનારા	9328752959
33	ભેટાસી બા ભાગ	રાજુભાઈ પદાભાઈ તળપદા	9574314512
34	નવાપુરા	કનુભાઈ મગનભાઈપરમાર	6351373654
35	ભેટાસી તળપદ	રાજુભાઈ પદાભાઈ તળપદા	9574314512

36	આસરમા	દિપકભાઈ ફટેસિંહપરમાર	9601163860
37	આસરમા	નરેશભાઈ ગણપતભાઈ પરમાર	6356705049
38	આસરમા	સંજયભાઈ બાબુભાઈચૌહાણ	7359152933
39	હઠીપુરા	વિનુભાઈ રામાભાઈ ચૌહાણ	6354605823
40	હઠીપુરા	ધુલાભાઈ હિરાભાઈવાઘરી	9586663151
41	આસોદર	જશભાઈ બુધાભાઈ યુનારા	9327320280
42	આસોદર	લક્ષ્મણભાઈ બગદરભાઈ યુનારા	9327320280
43	આસોદર	અમરતભાઈ મફતભાઈ યુનારા	9723280849
44	આસોદર	કનુભાઈ લક્ષ્મણભાઈ યુનારા	9723280849
45	ભેટાસી વાંટા	જીતુભાઈકે રબારી	9726141583
46	ભેટાસી વાંટા	સાગરભાઈ એલ રબારી	7041557022
47	અંબાવ	અરવિંદભાઈ ડાહ્યાભાઈઠાકોર	9978567345
48	અંબાવ	પ્રભાતભાઈ ડાહ્યાભાઈપઢિયાર	9904391582
49	હળદરી	મનુભાઈ પરસોત્તમભાઈપટેલ	9099369543
50	હળદરી	મનુભાઈ ધુળાભાઈ ગોહેલ	7359005273
51	ઉમેટા	નટુભાઈ શનાભાઈ માછી	9925745971
52	ઉમેટા	રમણભાઈ રણછોડભાઈ માછી	9979694542
53	ઉમેટા	પ્રમોદભાઈ ચીમનભાઈમાછી	9723404076
54	ઉમેટા	ભાઈલાલભાઈ ભીખાભાઈમાછી	7984991170
55	ઉમેટા	લક્ષ્મણભાઈ ચીમનભાઈમાછી	9099659924
56	ખડોલ ઉ	વિઠ્ઠલભાઈભઈજીભાઈતળપદા	9313782184
57	ખડોલ ઉ	ભાઈલાલ ભાઈશકરાભાઈતળપદા	9998074364
58	ખડોલ ઉ	વિઠ્ઠલ ભાઈ રાય સિંહપઢિયાર	9737415521
59	ખડોલ ઉ	સંજયભાઈ ભાઈલાલ ભાઈતળપદા	9998074364
60	ભેટાસી(બા)	ગોરધનભાઈ સોમાભાઈ પટેલ	9664925520
61	ભેટાસી(ત)	ગોરધનભાઈ સોમાભાઈ પટેલ	9664925520
62	માનપુરા	કાળાભાઈ હીમતભાઈપઢિયાર	9913827971
63	માનપુરા	મણીભાઈ પુનમભાઈ ગોહેલ	9974923812
64	નવાખલ	કિરણભાઈ શૂરસિંહ ઠાકોર	9979097246
65	નવાખલ	મહેશભાઈ રાવજીભાઈઠાકોર	6354379153
66	આમરોલ	અર્જનભાઈ ધુળાભાઈપરમાર	9898127807

67	આમરોલ	રમણલાલ ચન્દ્રભાઈપરમાર	9586381165
68	લાલપુરા	લાલજીભાઈ કેતળપદા	9978145043
69	લાલપુરા	જશભાઈ ગનેશભાઈરોહીત	9908286882
70	લાલપુરા	અશોકભાઈ ભિખાભાઈતળપદા	9909216679
71	લાલપુરા	વિજયભાઈ શનાભાઈપઢીયાર	9737531435
72	ખડોલ હ	છગનભાઈ શંકરભાઈવાઘરી	8758071530
73	ખડોલ હ	જશભાઈ બચુભાઈવાઘરી	9662682896
74	ખડોલ હ	રાજુભાઈ વૈતાલભાઈવાઘરી	8488845467
75	મુજકુવા	ડાહ્યાભાઈ હરમાનભાઈપઢિયાર	9909452881
76	નાની સંખ્યાડ	નટુભાઈ દેસાઈભાઈ	9313569425
77	નાની સંખ્યાડ	ભરતભાઈ ઉદાભાઈ	8728701265
78	મોટી સંખ્યાડ	રમતુભાઈ શાન્તીલાલ	7698832957
79	મોટી સંખ્યાડ	રમેશભાઈ ભુપતભાઈ	7645803087

Annexure 9: Shelter homes in Anand District આણંદ

આશ્રયસ્થાનનીયાદી							
#	આશ્રયસ્થાનનુંનામ	ગામનુંનામ	તાલુકાનુંનામ	માલિકી	આશ્રયમાટે કુલ ક્ષેત્રફળ (ચો. ફૂટ)	વ્યક્તિઓનેઆશ્રય	ટોઇલેટનીસંખ્યા
1	પ્રાથમિકશાળા ગામડી	ગામડી	આણંદ	સરકારી	2500.00	60	2
2	પ્રાથમિકશાળા	ચિખોદરા	આણંદ	સરકારી	3100.00	75	2
3	પાટીદારસમાજ વાડી	ચિખોદરા	આણંદ	ખાનગી	4250.00	110	3
4	ન.પ્રા. શાળા નં.27	બાકરોલ	આણંદ	સરકારી	11594.00	550	2
5	નગરપ્રા. શાળા નં.33	બાકરોલ	આણંદ	સરકારી	5025.00	125	2
6	ન.પ્રા.શાળા નં.28	બાકરોલ	આણંદ	સરકારી	6170.00	150	4
7	પટેલવાડી	બાકરોલ	આણંદ	સરકારી	4500.00	125	4
8	ન.પ્રા. શાળા નં.30	બાકરોલ	આણંદ	સરકારી	2240.00	50	2
9	એનઆર શેઠ વિદ્યા હાઈસ્કુલ	રાસનોલ	આણંદ	સરકારી	6272.00	150	10
10	કન્યાશાળા	રાસનોલ	આણંદ	સરકારી	5280.00	100	6
11	કુમારશાળા	રાસનોલ	આણંદ	સરકારી	6675.00	170	20
12	ત્રણોલહાઈસ્કુલ	ત્રણોલ	આણંદ	સરકારી	5080.00	125	6
13	ઠાકોરસમાજ ધર્મશાળા	ત્રણોલ	આણંદ	ખાનગી	610.00	50	1
14	કોમ્યુનિટીહોલ ગ્રામ પંચાયત	ત્રણોલ	આણંદ	સરકારી	750.00	50	1
15	પ્રાથમિકશાળા	ત્રણોલ	આણંદ	સરકારી	4784.00	100	2
16	એમએમ હાઈસ્કુલ	ચિખોદરા	આણંદ	સરકારી	25000.00	1000	3
17	સિનિયરબેઝીક કુમાર શાળા	ચિખોદરા	આણંદ	ખાનગી	5700.00	125	2
18	કન્યાશાળા	ચિખોદરા	આણંદ	સરકારી	8000.00	200	15
19	બી.એન. પટેલ હાઈસ્કુલ	નાવલી	આણંદ	ખાનગી	12175.00	300	6
20	પ્રાથમિકકુમાર શાળા	નાવલી	આણંદ	સરકારી	3773.00	75	4
21	પટેલવાડી (ધર્મશાળા)	નાવલી	આણંદ	ખાનગી	4500.00	100	6
22	પ્રાથમિકકન્યા શાળા	નાવલી	આણંદ	સરકારી	4990.00	120	7
23	જી.એલ. પટેલહાઈસ્કુલ	કુંજરાવ	આણંદ	ખાનગી	5928.00	140	2
24	સાર્વજનિકધર્મશાળા	કુંજરાવ	આણંદ	ખાનગી	1800.00	50	4
25	પ્રાથમિકકન્યાશાળા	કુંજરાવ	આણંદ	સરકારી	5200.00	50	2
26	પ્રાથમિકકુમાર શાળા	કુંજરાવ	આણંદ	સરકારી	4990.00	100	2
27	પ્રાથમિકશાળાકણભઈપુરા	કણભઈપુરા	આણંદ	સરકારી	7850.00	150	2
28	પાટીદારધર્મશાળા	કણભઈપુરા	આણંદ	ખાનગી	5600.00	130	1
29	પ્રાથમિકશાળા	વઘાસી	આણંદ	સરકારી	3840.00	95	3
30	ચંદુભાઈપટેલ હાઈસ્કુલ	વઘાસી	આણંદ	સરકારી	3100.00	75	2

31	કોમ્યુનિટીહોલ	ગામડી	આણંદ	સરકારી	30300.00	200	1
32	પ્રાથમિકશાળા	હાડગુડ	આણંદ	સરકારી	17700.00	400	9
33	કોમ્યુનિટીહોલ	હાડગુડ	આણંદ	સરકારી	324.00	30	0
34	મદ્રેસાસ્કુલ	હાડગુડ	આણંદ	ખાનગી	530.00	30	4
35	પ્રાથમિકશાળા	જીટોડીયા	આણંદ	સરકારી	2920.00	75	2
36	પ્રાથમિકશાળા	ખાંધલી	આણંદ	સરકારી	4275.00	100	7
37	પટેલવાડી	ખાંધલી	આણંદ	ખાનગી	700.00	50	20
38	ધર્મશાળા	ખાંધલી	આણંદ	ખાનગી	450.00	50	10
39	પ્રાથમિકશાળા	સાદાનાપુરા	આણંદ	સરકારી	1152.00	25	3
40	પ્રાથમિકશાળા	લાંભવેલ	આણંદ	સરકારી	4096.00	100	2
41	હનુમાનમંદિર	લાંભવેલ	આણંદ	સરકારી	9320.00	225	3
42	પાટીદારહોલ	લાંભવેલ	આણંદ	સરકારી	1200.00	30	1
43	કોમ્યુનિટીહોલ	ઓડ	આણંદ	સરકારી	840.00	20	2
44	પ્રાથમિકશાળાનં.1	ઓડ	આણંદ	સરકારી	4250.00	100	2
45	પ્રાથમિકશાળા -2	ઓડ	આણંદ	સરકારી	4250.00	100	2
46	પ્રાથમિકશાળા -3	ઓડ	આણંદ	સરકારી	4250.00	100	2
47	પ્રાથમિકશાળા -4	ઓડ	આણંદ	સરકારી	4250.00	100	2
48	પ્રાથમિકશાળા -5	ઓડ	આણંદ	સરકારી	4250.00	100	2
49	પ્રાથમિકશાળા -6	ઓડ	આણંદ	સરકારી	2600.00	75	2
50	આંગણવાડીશાખા નં.1	ઓડ	આણંદ	સરકારી	300.00	25	1
51	આંગણવાડીશાખા નં.2	ઓડ	આણંદ	સરકારી	300.00	25	1
52	આંગણવાડીશાખા નં.3	ઓડ	આણંદ	સરકારી	300.00	25	1
53	આંગણવાડીશાખા નં.4	ઓડ	આણંદ	સરકારી	300.00	25	1
54	આંગણવાડીશાખા નં.5	ઓડ	આણંદ	સરકારી	300.00	25	1
55	પાર્ટીપ્લોટ	ઓડ	આણંદ	ખાનગી	8100.00	100	10
56	સરદારપટેલ વિનય મંદિર હાઈસ્કુલ	ઓડ	આણંદ	ખાનગી	27000.00	600	20
57	કોમ્યુનિટીહોલ	આણંદ	આણંદ	સરકારી	10100.00	200	10
58	કોમ્યુનિટીહોલ-2	આણંદ	આણંદ	સરકારી	10100.00	200	10
59	કોમ્યુનિટીહોલ-3	આણંદ	આણંદ	સરકારી	10100.00	200	10
60	કોમ્યુનિટીહોલ-4	આણંદ	આણંદ	સરકારી	10100.00	200	10
61	કોમ્યુનિટીહોલ -5	આણંદ	આણંદ	સરકારી	10100.00	200	10
62	કોમ્યુનિટીહોલ-6	આણંદ	આણંદ	સરકારી	10100.00	200	10
63	પ્રાથમિકશાળા નં.2,4	આણંદ	આણંદ	સરકારી	3860.00	90	2
64	પ્રાથમિકશાળા નં. 3	આણંદ	આણંદ	સરકારી	5540.00	100	5
65	પ્રાથમિકશાળા નં. 3	આણંદ	આણંદ	સરકારી	1930.00	50	2
66	પ્રાથમિકશાળા નં.6	આણંદ	આણંદ	સરકારી	6500.00	120	2
67	પ્રાથમિકશાળા નં. 7	આણંદ	આણંદ	સરકારી	4750.00	90	2
68	પ્રાથમિકશાળા નં.8	આણંદ	આણંદ	સરકારી	5500.00	100	2

69	ન.પા.પ્રા. શાળા નં.9	આણંદ	આણંદ	સરકારી	6000.00	110	2
70	ન.પા.પ્રા. શાળા નં. 10	આણંદ	આણંદ	સરકારી	4400.00	80	2
71	ન.પા.પ્રા. શાળા નં. 12	આણંદ	આણંદ	સરકારી	2200.00	40	2
72	ન.પા.પ્રા. શાળા નં. 13, 16	આણંદ	આણંદ	સરકારી	5500.00	100	2
73	ન.પા.પ્રા. શાળા નં. 14	આણંદ	આણંદ	સરકારી	5500.00	100	2
74	ન.પા.પ્રા. શાળા નં. 17, 21	આણંદ	આણંદ	સરકારી	4950.00	90	2
75	ન.પા.પ્રા. શાળા નં. 18	આણંદ	આણંદ	સરકારી	2750.00	50	2
76	ન.પા.પ્રા. શાળા નં. 19, 20	આણંદ	આણંદ	સરકારી	6050.00	110	2
77	ન.પા.પ્રા. શાળા નં. 25	આણંદ	આણંદ	સરકારી	3300.00	60	2
78	ન.પા.પ્રા. શાળા નં. 26	આણંદ	આણંદ	સરકારી	1650.00	30	2
79	ન.પા.પ્રા. શાળા નં. 27	બાકરોલ	આણંદ	સરકારી	9900.00	180	5
80	ન.પા.પ્રા. શાળા નં. 28	આણંદ	આણંદ	સરકારી	8800.00	160	5
81	ન.પા.પ્રા. શાળા નં. 29	બાકરોલ	આણંદ	સરકારી	3850.00	70	2
82	ન.પા.પ્રા. શાળા નં. 30	બાકરોલ	આણંદ	ખાનગી	3850.00	70	2
83	ન.પા.પ્રા. શાળા નં. 31	બાકરોલ	આણંદ	સરકારી	3850.00	70	2
84	ન.પા.પ્રા. શાળા નં. 32	બાકરોલ	આણંદ	સરકારી	5500.00	100	2
85	ન.પા.પ્રા. શાળા નં. 33	બાકરોલ	આણંદ	સરકારી	7150.00	130	2
86	પાટીદારધર્મશાળા	બોરીયાવી	આણંદ	ખાનગી	900.00	25	2
87	મોટીકન્યા શાળા	બોરીયાવી	આણંદ	સરકારી	3300.00	60	3
88	એલ.બી. કન્યાશાળા	બોરીયાવી	આણંદ	સરકારી	2545.00	50	2
89	સરદારપટેલ હાઈસ્કુલ અને કોલેજ	બોરીયાવી	આણંદ	ખાનગી	11500.00	220	5
				કુલ	497658.00	11090	366

બોરસદ

Sr.no	Shelter home name	Capaity	Drinking water Facillites	Toilet facility	Electicity
1	રાજીવ ગાંધી હોલ અમીયાદ	50	હા	હા	હા
2	પ્રા.શાળા, ગ્રા.પં., કો.હોલ અલારસા	60	હા	હા	હા
3	યોગીપુરા, સર્વોદય વિદ્યાલય બદલપુર	200	હા	હા	હા
4	પ્રા.શાળા બનેજડા	100	હા	હા	હા
5	સ્વા.મંદિર, પ્રા.શાળા, હાઈસ્કુલ બોદાલ	150	હા	હા	હા
6	સ્વા.ના. મંદિર, પ્રા.શાળા, એ.પી. વિદ્યાલય બોચાસણ	300	હા	હા	હા
7	હાઈસ્કુલ, પ્રા.શાળા ભાદરણ	200	હા	હા	હા
8	પ્રા.શાળા, વૈરાગી મંદિર ભાદરણીયા	100	હા	હા	હા

9	પ્રા.શાળા	ચુવા	100	હા	હા	હા
10	પ્રા.શાળા, હાઈસ્કૂલ	દહેમી	150	હા	હા	હા
11	હાઈસ્કૂલ, પ્રા.શાળા, કોમ્યુનીટી હોલ	દહેવાણા	60	હા	હા	હા
12	કેલાસ નગર, કેવલ ચોક, ગ્રા.પં. પ્રા.શાળા	દાવોલ	250	હા	હા	હા
13	કોમ્યુનીટી હોલ	દિવેલ	50	હા	હા	હા
14	ગ્રા.પં. પ્રા.શાળા	દાદપુરા	120	હા	હા	હા
15	પ્રા.શાળા	દેદરડા	200	હા	હા	હા
16	ધર્મશાળા	ડભાસી	150	હા	હા	હા
17	રાજીવ ગાંધી હોલ, ગ્રા.પં. આ.પ્રા.શાળા	ડાલી	200	હા	હા	હા
18	પ્રા.શાળા, ગ્રા.પં.	ધનાવશી	200	હા	હા	હા
19	પ્રા.શાળા, રામજી મંદિર	ધોબીકુઈ	100	હા	હા	હા
20	પ્રા.શાળા	દુઢાકુવા	150	હા	હા	હા
21	રાજીવ ગાંધી હોલ, પ્રા.શાળા, ઉ.બુ. વિધાલય	ગોરેલ	300	હા	હા	હા
22	પ્રા.શાળા, રામજી મંદિર, ગ્રા.પં.	ગોરવા	200	હા	હા	હા
23	પ્રા.શાળા	ગાજણા	100	હા	હા	હા
24	પ્રા.શાળા	હરખાપુરા	100	હા	હા	હા
25	ગ્રા.પં. પ્રા.શાળા	જંત્રાલ	150	હા	હા	હા
26	પ્રા.શાળા, હાઈસ્કૂલ	કઠાણા	200	હા	હા	હા
27	પ્રા.શાળા, ઉ.બુ. વિધાલય	કઠોલ	100	હા	હા	હા
28	લક્ષ્મીપુરા	કસારી	150	હા	હા	હા
29	પ્રા.શાળા, ધનશ્યામપુરા, મહાદેવપુરા	કણભા	300	હા	હા	હા
30	રામજી મંદિર, ગ્રા.પં.	કાલુ	200	હા	હા	હા
31	હાઈસ્કૂલ	કાવીઠા	100	હા	હા	હા
32	ગ્રા.પં. પ્રા.શાળા	કાંધરોટી	100	હા	હા	હા
33	પ્રા.શાળા, ગાંધી આશ્રમ, પંચાયત, ગાંધી ચોક	કંકાપુરા	150	હા	હા	હા
34	ઉ.બુ.વિધાલય, પ્રા.શાળા	કોઠીયાખાડ	200	હા	હા	હા
35	પ્રા.શાળા	કસુંબાડ	100	હા	હા	હા
36	પ્રા.શાળા, ધર્મશાળા, હાઈસ્કૂલ	કીખલોડ	150	હા	હા	હા
37	પ્રા.શાળા, ગ્રા.પં.	ખેડાસા	300	હા	હા	હા
38	પ્રા.શાળા, સ્વા.મંદિર	ખાનપુર	200	હા	હા	હા
39	પ્રા.શાળા, ગ્રા.પં.	મોટીશેરડી	100	હા	હા	હા
40	પ્રા.શાળા, આઈટીઆઈ મુજર તલાવડી, જુની કન્યાશાળા	નિસરાયા	100	હા	હા	હા
41	પ્રા.શાળા, રામજી મંદિર, સિધ્ધ નાથ મહાદેવ મંદિર	નામણ	150	હા	હા	હા
42	ઉ.બુ.વિધાલય, પ્રા.શાળા	નાનીશેરડી	200	હા	હા	હા

43	ગ્રા.પં., બ્રાહ્મણવાડો	નાપાતળપદ	100	હા	હા	હા
44	જુમ્મા મસ્જીદ, મદની મસ્જીદ, પ્રા.શાળા	નાપાવાટા	150	હા	હા	હા
45	પ્રા.શાળા	પામોલ	300	હા	હા	હા
46	ગ્રામ પંચાયત	પીપળી	200	હા	હા	હા
47	સ્વા.મંદિર, ધર્મશાળા, કો.હોલ	રણોલી	100	હા	હા	હા
48	પટેલવાડી, હાઈસ્કૂલ, પ્રા.શાળા	રાસ	100	હા	હા	હા
49	પ્રા.શાળા, પટેલવાડી, યોગીજી મહારાજ મંદિર	રૂદેલ	150	હા	હા	હા
50	પ્રા.શાળા, હાઈસ્કૂલ, ધર્મશાળા	સૈજપુર	200	હા	હા	હા
51	પ્રા.શાળા, ઉ.બુ. વિદ્યાલય	સારોલ	100	હા	હા	હા
52	પ્રા.શાળા, રાજીવગાંધી હોલ	સંતોકપુરા	150	હા	હા	હા
53	પ્રા.શાળા, રાજીવગાંધી હોલ, કોમ્યુનીટી હોલ	સીંગલાવ	300	હા	હા	હા
54	પ્રા.શાળા, પટેલવાડી, હાઈસ્કૂલ	સીસ્વા	200	હા	હા	હા
55	સત કૈવલ મંદિર, પ્રા.શાળા	સુરકુવા	100	હા	હા	હા
56	પ્રા.શાળા,	ઉમલાવ	100	હા	હા	હા
57	પ્રા.શાળા	ઉનેલી	150	હા	હા	હા
58	પ્રા.શાળા, અંબીકા કોલોની	વડેલી	200	હા	હા	હા
59	હાઈસ્કૂલ, પ્રા.શાળા,	વહેરા	100	હા	હા	હા
60	પ્રા.શાળા	વાલવોડ	150	હા	હા	હા
61	પ્રા.શાળા	વાસણા(રા)	300	હા	હા	હા
62	પ્રાથમિક શાળા, હાઈસ્કૂલ	વાસણા(બો)	200	હા	હા	હા
63	પ્રાથમિક શાળા, હાઈસ્કૂલ	વિરસદ	100	હા	હા	હા
64	પ્રાથમિક શાળા, હાઈસ્કૂલ	વાછીયેલ	100	હા	હા	હા
65	પ્રા.શાળા, પટેલવાડી	ઝારોલા	150	હા	હા	હા

બોરસદ

Sr.No	Shelter Home Name	Capaity	Drinking Water Facilites	Toilet Facilites	Electicity
1	સુર્ય મંદિર હોલ	૧૫૦	હા	હા	હા
2	સરદાર પટેલ હાઈસ્કુલ	૨૦૦	હા	હા	હા
3	રાજા મહોલ્લા મદ્રાસા હોલ	૧૫૦	હા	હા	હા

આંકલાવ

અ.નં.	ગામનું નામ	આશ્રય સ્થાનનું નામ	રૂમની સંખ્યા	ક્ષમતા (વ્યક્તી)	સગવડ સંડાસ, લલાઇ, બાથરૂમ, લાઇટ, પંખા, ઉપલબ્ધ વિગતો	રીમાર્ક્સ
૧	આમરોલ	મહાદેવ મંદિરનો હોલ	૧	૫૦૦	હા	
		પ્રા.શાળા	૮	૫૦૦	હા	
૨	આસરમા	પ્રાથમિક શાળા	૯	૩૦૦	હા	
		રાજીવગાંધી ભવન		૫૦	હા	
		રામપુરા પ્રા. શાળા	૧૦	૩૫૦	હા	
૩	બામણગામ	પ્રાથમિકકુમાર શાળા	૧૭	૩૦૦	હા	
		પ્રાથમિક કન્યા શાળા	૧૧	૨૦૦	હા	
		ધર્મશાળા પટેલ વાડી		૬૦	હા	
		તુળજા ભવાની પ્રા.શાળા	૭	૧૨૦	હા	
૪	ભાણપુરા	પ્રા.શાળા	૭	૧૦૦	હા	
		ભાથીજી મંદીર ભાણપુરા	૨	૫૦	હા	
૫	ભેટાસી(વા)	પ્રાથમિકશાળા ભેટાસીવાંટા	૧૫	૧૫૦	હા	
		માંડવાપુરા પ્રા.શાળા	૩	૩૦	હા	
		શિવનગર પ્રા.શાળા	૩	૩૦	હા	
૬	ચમારા	પ્રા.શાળા ચમારા	૧૩	૩૦૦	હા	
		સરસ્વતી વીધાલય ચમારા	૮	૫૫૦	હા	
		રાજીવગાંધી ભવન	૧	૨૦૦	હા	
૭	ગંભીરા	પ્રાથમિક કુમાર શાળા	૧૧	૫૦૦	હા	
		પ્રાથમિક કન્યા શાળા	૧૦	૨૫૦	હા	
		કસ્તુરબા વીધાલય		૧૫૦	હા	
		નવોદય વીધાલય		૨૫૦	હા	
૮	કહાનવાડી	પ્રાથમિકશાળા, કહાનવાડી	૧૨	૫૦૦	હા	
		પ્રાથમિક શાળા, લોલપુરા		૧૦૦	હા	
		ઉત્તર બુનીયાદી સ્કુલ		૨૦૦૦	હા	
૯	ખડોલ(ઉ)	પ્રાથમિક શાળા	૮	૩૫૦	હા	
		ચન્દનગર પ્રા.શાળા	૩	૧૨૫	હા	
૧૦	મોટી સંખ્યાડ	કોમ્યુનીટી હોલ		૧૫૦	હા	
		પ્રા.શાળા	૯	૩૫૦	હા	
	નાની સંખ્યાડ	શંખેસ્વર મહાદેવ		૭૫	હા	
		કોમ્યુનીટી હોલ		૧૦	હા	
		પ્રા.શાળા નાની સંખ્યાડ	૭	૨૫૦	હા	
૧૧	ઉમેટા	પ્રાથમિક સાળા ઉમેટા		૨૦૦	હા	
		પ્રગતિ વિધ્યાલય ઉમેટા		૪૦૦	હા	
		ફતેપુરા પ્રા.શાળા		૧૫૦	હા	
૧૨	મુજકુવા	પ્રા.શાળા		૪૦૦	હા	

૧૩	આસોદર	રાજીવગાંધી ભવન	૩	૧૦૦	હા	
		પ્રા.શાળા	૨૦	૮૦૦	હા	
		ઉચ્ચતર મા.શાળા	૧૮	૯૦૦	હા	
૧૪	હળદરી	રાજીવગાંધી ભવન	૧	૩૦	ના	
		પ્રા.શાળા હળદરી	૧૧	૧૫૦	હા	
		જાલાપુરા પ્રા.શાળા	૧	૧૫	હા	
૧૫	બીલપાડ	પ્રા.શાળા બીલપાડ	૧૦	૩૫૦	હા	
		પ્રા.શાળા ઇન્દનગર	૨	૮૦	હા	
		ઉત્તર બુનીયાદી વિધાલય	૨૮	૯૮૦	હા	
		રાજીવગાંધી સેવા કેન્દ્ર ગ્રા.પં.	૩	૧૦૦	હા	
		પ્રા.શાળા સંતપુરા	૩	૮૫	હા	
		કબીર સાહેબનુ મંદીર	૧	૧૫૦	હા	
		બાપા સીતારામ સેવાશ્રમ	૧	૬૫	હા	
૧૬	નારપુરા દેવાપુરા	પ્રા.શાળા નારપુરા	૭	૧૭૨	હા	
		પ્રા.શાળા દેવાપુરા	૩	૭૦	હા	
૧૭	અંબાલી	પ્રા.શાળા	૧૨	૩૦૦	હા	
		ડેરી	૧	૬૦	હા	
		ધર્મે શાળા	૧	૧૦૦	હા	
૧૮	ભેટાસી(ત)	એમ.બી.પટેલ હાઇસ્કુલ	-	૩૦૦	હા	
		પ્રા.શાળા હીમતપુરા	૮	૧૫૦	હા	
૧૯	લાલપુરા	ધર્મેશાળા	૧	૭૦	હા	
		પ્રા.શાળા લાલપુરા	૯	૧૦૦	હા	
૨૦	ભેટાસી(બા)	રાજીવગાંધી ભવન	૧	૩૦	હા	
		પ્રા.શાળા ભેટાસી બા	૧૭	૩૫૦	હા	
		પ્રા.શાળા ભગવાનપુરા	૨	૫૦	હા	
		પ્રા.શાળા રાવપુરા	૧	૨૫	હા	
		પ્રા.શાળા લક્ષ્મીપુરા	૨	૫૦	હા	
૨૧	કોસીન્દ્રા	પ્રા.શાળા	૧૩	૮૦૦	હા	
		રાજીવગાંધી કેન્દ્ર	૨	૨૦૦	હા	
૨૨	જોષીકુવા	પ્રા.શાળા	૮	૨૦૦	હા	
૨૩	અંબાવ	પ્રા.શાળા તમામ	-	૨૦૦	હા	
		રાજીવગાંધી ભવન	-	-	હા	
		આંગણવાડી તમામ	-	-	હા	
૨૪	ખડોલ(હ)	વીવેકાનંદ હોલ	૧	૧૦૦	હા	
૨૫	નવાપુરા	પ્રા.શાળા		૨૦૦	હા	
૨૬	માનપુરા	પ્રા.શાળા		૫૦૦	હા	
૨૭	નવાખલ	પ્રા.શાળા		૫૦૦	હા	
		ઉત્તર બુનીયાદી વિધાલય	-	૨૦૦	હા	
		પ્રા.શાળા ઇન્દિરા નગર	-	૨૫૦	હા	
		પ્રા.શાળા જોરીયા દેવ	-	૨૫૦	હા	
		પ્રા.શાળા બીલપાડા વગે	-	૧૦૦	હા	

૨૮	કંથારીયા / રણછોડપુરા	પાટીદાર પંચ હોલ	૪	૨૦૦	હા	
		પ્રા.શાળા કંથારીયા	૧૦	૪૦૦	હા	
		પ્રા.શાળા રણછોડપુરા	૭	૨૫૦	હા	
૨૯	જુલોડ	પ્રા.શાળા	૯	૩૦૦	હા	
૩૦	હઠીપુરા	પ્રા.શાળા				

આંકલાવ

અ.નં.	આશ્રય સ્થાનનો પ્રકાર	ખંડોની સંખ્યા	ક્ષમતા	માલિકીની વિગત	
				સરકારી કચેરીનું નામ, સરનામું, ટે.નં.	
૧.	સમૂદાય ખંડ (કોમ્યુનિટી હોલ) મધુસુર્દન સાંસ્કૃતિક હોલ	૧ ખંડ 1000 (ફૂટ)	500 વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે.		2 - બાથરૂમ, 2 - સંડાસ લાઈટ કનેક્શન
૨.	પ્રાથમિક શાળાઓ (૫)	145 ખંડ (૨૦ X ૨૦ ફૂટ)	2350 વ્યક્તિ બેસી શકે. 500 વ્યક્તિ ઉભી રહી શકે. 1500 વ્યક્તિ સૂઈ શકે.	તાલુકા પંચાયત, આંકલાવ ૦૨૬૯૬ ૨૮૨૭૮૯	6- બાથરૂમ, 6- સંડાસ લાઈટ કનેક્શન
૩.	આંગણવાડી	ખંડ (૧૫ X ૨૦ ફૂટ)	વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે. વ્યક્તિ સૂઈ શકે.		
૪.	જ્ઞાતિની વાડી મોટી ખડકી જૈનવાડી સોમનાથ મહાદેવ વાડી	12 ખંડ (૧૫ X ૪૦ ફૂટ)	400 વ્યક્તિ બેસી શકે. 250 વ્યક્તિ બેસી શકે. 200 વ્યક્તિ બેસી શકે. 100 વ્યક્તિ બેસી શકે. 300 વ્યક્તિ બેસી શકે. 150 વ્યક્તિ બેસી શકે.		5-બાથરૂમ, 5- સંડાસ લાઈટ કનેક્શન
૫.	પાર્ટી પ્લોટ	03 ખંડ 2500(ફૂટ)	400 વ્યક્તિ બેસી શકે. 300 વ્યક્તિ ઉભી રહી શકે. 200 વ્યક્તિ સૂઈ શકે.		2- બાથરૂમ, 6- સંડાસ લાઈટ કનેક્શન
૬.	કલબ	ખંડ (ફૂટ)	વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે. વ્યક્તિ સૂઈ શકે.		-બાથરૂમ, - સંડાસ
૭.	ખાનગી હોટલ	ખંડ (ફૂટ)	વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે. વ્યક્તિ સૂઈ શકે.		-બાથરૂમ, - સંડાસ
૮.	ગેસ્ટ હાઉસ	ખંડ (ફૂટ)	વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે. વ્યક્તિ સૂઈ શકે.		-બાથરૂમ, - સંડાસ
૯.	અન્ય સહકારી મંડળી	3 ખંડ (૨૦ X ૨૦ ફૂટ)	50 વ્યક્તિ બેસી શકે. 75 વ્યક્તિ ઉભી રહી શકે. 25 વ્યક્તિ સૂઈ શકે.	દૂધ ઉત્પાદક સહકારી મંડળી, આંકલાવ	1-બાથરૂમ, 1- સંડાસ

૧૦.	માધવનગર કોમ્યુનિટી હોલ	1 ખંડ (૨૫X૪૦ ફૂટ)	100 વ્યક્તિ બેસી શકે. 150 વ્યક્તિ ઉભી રહી શકે. 50 વ્યક્તિ સૂઈ શકે.	આંકલાવ નગરપાલિકા	1-બાથરૂમ, 1- સંડાસ
૧૧.	ઈન્દીરાનગર કોમ્યુનિટી હોલ	1 ખંડ (૨૫X૪૦ ફૂટ)	100 વ્યક્તિ બેસી શકે. 150 વ્યક્તિ ઉભી રહી શકે. 50 વ્યક્તિ સૂઈ શકે.	આંકલાવ નગરપાલિકા	1-બાથરૂમ, 1- સંડાસ

પેટલાદ

ક્રમ	ગામનું નામ	શેલ્ટર હોમનું સ્થળ	શેલ્ટર હોમની ક્ષમતા
૧	પેટલાદ	સ્વામી સચ્ચિદાનંદ હોલ એન.કે. હાઈસ્કુલ પેટલાદ	૨૦૦
૨	પેટલાદ	કોમ્યુનિટી હોલ, સંતરામપુરા પેટલાદ	૧૦૦
૩	પેટલાદ	કચ્છી પટેલની વાડી	૩૫૦
૪	સંજાયા	પ્રા.શાળા સંજાયા	૩૮૦
૫	બામરોલી	પ્રા.શાળા બામરોલી	૩૫૦
૬	ચાંગા	બી.એ. પટેલ હાઈસ્કુલ ચાંગા	૨૨૫
૭	ધર્મજ	જલારામ જનસેવા ટ્રસ્ટ	૨૨૫
૮	ધર્મજ	વી.એન. હાઈસ્કુલ	૩૦૦
૯	વડદલા	પટેલ વાડી	૧૫૦
૧૦	વડદલા	આર.એફ. પટેલ હાઈસ્કુલ	૨૫૦
૧૧	માણેજ	પ્રા.શાળા માણેજ	૨૫૦
૧૨	રામોદડી	પ્રા.શાળા રામોદડી	૧૫૦
૧૩	નાર	ગોકુલ ધામ નાર	૩૫૦
૧૪	ભુરાકોઈ	પ્રા.શાળા	૨૨૫
૧૫	પંડોળી	સી.એન. શાહ સાર્વજનિક હાઈસ્કુલ	૩૫૦
૧૬	ઘેર્યપુરા	પ્રા.શાળા	૨૦૦

તારાપુર

* Shivala home ની વિગતો

સાબરમતી નદીને અસરગ્રસ્ત ગામોની વિગત

ક્રમ	ગામનું નામ	અસરગ્રસ્ત વિસ્તાર	અસરગ્રસ્ત કુટુંબોની સંખ્યા	અસરગ્રસ્ત જન સંખ્યા	આશ્રયસ્થાનની વિગત
૧.	રીઝા	હરીજનવાસ, વાધરીવાસ, મણીપર, નવીજોક, ઈન્દીરાઆવાસ, પર, વણકરવાસ	૧૭૦	૮૮૦	પ્રા.શાળા, કોમ્યુનિટીહોલ, ચામુંડામાતાનો મઠમહાદેવ મંદિર
૨.	નભોઈ	પરાવિસ્તાર, ઓક, સરદાર આવાસ, ભાથીજી ફળિયુ, રોહિત વિસ્તાર, પગી ફળિયુ	૭૦	૪૪૦	પ્રા.શાળા, રામજીમંદિર, મહાદેવ મંદિર

૩.	પચેગામ	ઈન્દીરાઆવાસ, હરીજનવાસ	૮૫	૨૫૦	રામજી મંદિર
૪.	ચિત્તરવાડા	વણકરવાસ, હરીજનવાસ, તળાવવાળી જોક	૫૦	૨૫૫	જુની નિશાળા
૫.	મિલરામપુરા	હરીજનવાસ, શિતળામાતા, ભાથીજી વિસ્તાર, પ્લોટવિસ્તાર, ધરજીયા ફળિ, મહાદેવ ફળિ	૭૦	૭૩૦	પ્રા.શાળા
૬.	ગલિયાણા	પરા વિસ્તાર, અંજારાવાસ, હરિજનવાસ	૧૦૦	૬૦૦	પ્રાથમિકશાળા, આંગરવાડી, ગ્રામપંચાયત
૭.	ફતેપુરા	પંચાયતની આજુબાજુ, પરા વિસ્તાર	૨૫	૧૦૦	જય માતાજી હોટલ, બાપાસિતારામ હોટલ
૮.	ખડા	નવી ઝોક, વાધરીવાસ, હરીજનવાસ, ભરવાડવાસ	૭૫	૨૯૧	પ્રા.શાળા, પી.એચ.સી ખડા
૯.	મોટા કલોદરા	આવાસપર, વણકરવાસ, મહાદેવફળિ	૪૮	૨૨૦	પ્રા.શાળા, સીતારામવાડી
૧૦.	જાફરગંજ	ઈન્દીરાઆવાસ, વણકરવાસ, હાઈસ્કૂલ વિસ્તાર	૩૦	૧૬૦	કોમ્યુનીટી હોલ , રાજીવાગાંધી હોલ
૧૧.	કસ્બારા	ઈન્દીરા કોલોની, વાધરીવાસ	૨૦૦	૬૦૦	પ્રા.શાળા
૧૨.	દુગારી	ઈન્દીરા આવાસ તથા પરા વિસ્તાર	૪૫	૧૩૫	પ્રા.શાળા, સંસ્થાતીર્થ વિધ્યાપીઠ

✓ પુરથી પ્રભાવિત ગામોની માહિતી

ક્રમ	તાલુકાનું નામ	ગામનું નામ	પ્રભાવિત વિસ્તારનું નામ	પ્રભાવિત લોકોની સંખ્યા	પ્રભાવિત પશુઓની સંખ્યા
૧.	તારાપુર	રીંઝા	હરીજનવાસ, વાધરીવાસ, મણીપર, નવીજોક, ઈન્દીરાઆવાસ, પર, વણકરવાસ	૮૮૦	૬૭૦
૨.	તારાપુર	નભોઈ	પરાવિસ્તાર, ઝોક, સરદાર આવાસ, ભાથીજી ફળિયુ, રોહિત વિસ્તાર, પગી ફળિયુ	૪૪૦	૨૧૦
૩.	તારાપુર	પચેગામ	ઈન્દીરાઆવાસ, હરીજનવાસ	૨૫૦	૩૦
૪.	તારાપુર	ચિત્તરવાડા	વણકરવાસ, હરીજનવાસ, તળાવવાળી જોક	૨૫૫	૨૫૦
૫.	તારાપુર	મિલરામપુરા	હરીજનવાસ, શિતળામાતા, ભાથીજી વિસ્તાર, પ્લોટવિસ્તાર, ધરજીયા ફળિ, મહાદેવ ફળિ	૭૩૦	૨૫૦

૬.	તારાપુર	ગલિયાણા	પરા વિસ્તાર, અંજારાવાસ, હરિજનવાસ	૬૦૦	૪૫૦
૭.	તારાપુર	ફતેપુરા	પંચાયતની આજુબાજુ, પરા વિસ્તાર	૧૦૦	૩૦
૮.	તારાપુર	ખડા	નવી ઝોક, વાઘરીવાસ, હરિજનવાસ, ભરવાડવાસ	૨૯૧	૩૫૦
૯.	તારાપુર	મોટા કલોદરા	આવાસપરુ, વણકરવાસ, મહાદેવફળિ	૨૨૦	૮૨
૧૦.	તારાપુર	જાફરગંજ	ઈન્દીરાઆવાસ, વણકરવાસ, હાઈસ્કુલ વિસ્તાર	૧૬૦	૬૫
૧૧.	તારાપુર	કસ્બારા	ઈન્દીરા કોલોની, વાઘરીવાસ	૬૦૦	૧૦૩
૧૨.	તારાપુર	દુગારી	ઈન્દીરા આવાસ તથા પરા વિસ્તાર	૧૩૫	૧૦૫

ખંભાત

Sr.no	Shelter home name	Capaity	Drinking water facilities	toilet facility	Electricity
1	વડવા આશ્રમ, મેતપુર	150	હા	હા	હા
2	મીરા સૈયદ અલી દરગાહ, ખંભાત	100	હા	હા	હા
3	ધોળેશ્વર મહાદેવ, મેતપુર	50	હા	હા	હા
4	આદર્શ નિવાસી શાળા. ખંભાત	50	હા	હા	હા
5	એસ.ઝેડ. વાઘેલા હાઈસ્કુલ હોલ, ખંભાત	40	હા	હા	હા
6	પ્રાથમિક શાળા, ગોલાણા	100	હા	હા	હા
7	ઔદ્યોગિક તાલીમ સંસ્થા ખંભાત	120	હા	હા	હા

ખંભાત

અ.નં.	ગામનુંનામ	અંદાજીતવસ્તી	આશ્રયસ્થાનોનીવિગતો
૧	ધુવારણ	૮૦૪૩	(૧).પ્રાથમિક શાળા, રત્નેશ્વર, (૨).પ્રાથમિકશાળા ધુવારણ
૨	તડાતલાવ	૯૦૦	(૧) પ્રાથમિક શાળા, તડાતલાવ, (૨).હસનપુરપ્રા.શાળા
૩	બાજીપુરા	૨૮૦૦	(૧).પ્રાથમિક શાળા, બાજીપુરા, (૨).પંડોળીયાપુરા પ્રા.શાળા
૪	તરકપુર	૯૭૫	(૧).પ્રાથમિક શાળા, તરકપુર, (૨).ગુડેલપ્રાથમિક શાળા
૫	નવાગામબારા	૮૧૪	(૧).પ્રાથમિક શાળા, નાવાગામબારા, (૨).ભીમતલાવપ્રા.શાળા

૬	કલમસર	૧૧૯૬૮	(૧).વિજયકુમાર પ્રાથમિકશાળા, (૨).બ્રાંચપ્રાથમિક શાળા કલમસર
૭	વડગામ	૪૩૨૦	(૧).પ્રાથમિક શાળાવડગામ, (૨).પ્રાથમિક શાળા, વૈણજ
૮	રાલજ	૭૬૭૫	(૧).પ્રાથમિક કુમારશાળારાલજ, (૨).કે.ડી.પટેલહાઇસ્કુલ, રાલજ
૯	રાજપુર	૫૧૯	(૧).પ્રાથમિક શાળારાજપુર, (૨).વાડીયાપુરાપ્રાથમિક શાળા (૩).બીલીયાપુરા પ્રાથમિક શાળા
૧૦	પાંદડ	૨૮૯૪	(૧).પ્રાથમિકશાળા, પાંદડ, (૨).પ્રાથમિક શાળા, રોહિણી
૧૧	મીતલી	૩૪૯૨	(૧).પ્રાથમિકશાળા, મીતલી, (૨).સરકારી માધ્યમીકશાળા, મીતલી
૧૨	ગોલાણા	૪૯૬૬	(૧) પ્રાથમિક શાળા, ગોલાણા, (૨) ગોલાણાહાઇસ્કુલ, (૩).હૈદરપુરા પ્રા.શાળા
૧૩	આખોલ	૧૭૬૪	(૧). પ્રાથમિક શાળા, જુનીઆખોલ, (૨).પ્રાથમિકશાળા દહેડા (૧). પ્રાથમિક શાળા, નવી આખોલ, (૨). પ્રાથમિક શાળા, તામસા
૧૪	લુણેજ	૧૮૩૫	(૧) પ્રાથમિક શાળા, લુણેજ , (૨) માધ્યમિક શાળાલુણેજ
૧૫	ખંભાત	૯૬૦૦૦	૧).માછીપુરા કોમ્યુનીટી હોલ, ૨).ફતેહ દરવાજાકોમ્યુનીટી હોલ, ૩).લાલ દરવાજા કોમ્યુનીટી હોલ

Annexure 10-List of MHA Units

MAH Unit						
Sr. No	Name of Factory	Address	Contact Person	TelephoneNo.	Major chemical	Max. Quantity
1	Bodal Chemicals Limited	L S NO. 338, Villje. Neja, Ta Khambhat Dist Anand	Rajarshi Ghosh, Occupier Hardikbhai Harendrnabha Trivedi. Manager	9909950907	Chlorine Cyanuric Acid	54 MT 500 MT
2	Cambay Organics Pvt Ltd	SR NO. 194/1, Village Sokhada, Taluka Khambhat Dist Anand	Mr. Nishant H. Patel, Occupier, Mr. Manish Chauhan Safety manager	9925090736 9106825885	Toluene Chlorine	48 KL 27 MT
3	Gujarat Halogen Petrochem Corporation	SR No 293, At. Lunj. Sokhada, Ta Khambhat Di Anand	Mr. Ramanlal A. Patel Partner Mr. Vijay R. Patel, Manager	9925307794 8000933602	Chlorine Toluene	23 MT 48 KL
4	Gujarat Industrial Chemicals Corporation	Plot No 194/1, Shokhda, Ta Khambhat, Dist Anand	Mr. Dharmesh J. Patel, Occupier Mr. Ghanshyam Sindha Safety Manager	9925022748 8000396707	Chlorine Toluene	27MT 66 KL
5	Jay Chemical Ind. Pvt Ltd (UnitIV)	SRNo. 756/1, 756/2, 757, 733, 739 & 745, Kalamsar, TaKhambhat Dist Anand	Mr. Ravi Kabra, Occupier, Parminder Sawhney Safety Head	9913130785 9925207415	Methanol Ethylene OvdeOleum H2SO4 Hydrochloric Acid	15 KL 14MT 35KL 70KL 25 KL
6	Teratech Intermediates Pvt. Ltd.	Survey No 413/414 Old No 455/456, Village- Nejatā Khambhat Dist Anand	Mr. Ravi Teja Prativada, Occupier Mr. Sudhir Shouglo Manager	7948919263 9898509122	Chlorine HCL Sulphur	59 MT 550 MT 20 MT
7	Metachem Industries	R S No 391&393 Village Neja, Nr S V Dyechem Ta Khambhat Dist Anand	Mr. Amit G Patel Occupier Mr Kashyap Joshi Chief Chemist	9825413049 9974716922	Oleum65% Oleum23% Sulphuric Acid	10 KL 10 KL 35 KL

8	Rohan Dyes And Intermediates Ltd (Unit- I)	Sr No 637, At Kalamsar, Ta Khambhat, Dist Anand	Mr. Hitesh Mehta Mr. Nikunj Patel	9265429488 8511588199	Sulpher Oleum65% Ethylene Oxide	35 MT 60 MT 10 MT
9	Rohan Dyes And Intermediates Ltd (Unit - II)	SR. No. 637/23/A/2, At Kalamsar, Ta Khambhat, Dist Anand	Mr. Rohan R. Agrawal. Occupier Mr. Arvind Dixit	9979429658 9979429658	Sulpher Oleum(23%) Oleum(65%) H2SO4	3000 MT 700 MT 725 MT 1200 MT
10	Savital Intermediates Pvt Ltd.	Opp. Cambay Organics Pvt. Ltd., Sokhada, Tal Khambhat, Dist Anand	Poras B Patel. Occupier Piyush R Shah, Manager	9825732350 9979902815	Ortho Nitro TolueneOleum SulphuricAcid	30MT 15MT 10MT
11	Shital Chemical Industries	SR No 194/1, Vaduchi Mata Road, At Sokhada. Dist Anand	Mr. Dilip C. Patel. Occupier Mr. Tejash Chavda, Manager	7202038284 8000936701	Chlorine Toluene	27MT 48 KL
12	Shital Chemical Industries (Unit-II)	SR No 443/P, Village Neja, Ta Khambha, Dist Anand	Mr. Dilip C. Patel. Occupier Mr. Nipun Patel, Manager	7202038284 8000936701	Chlorine Toluene	50.40 KL 50 KL
13	Baychem Intermediates	Sr. No. 374/363, village- Lunej, Tal. Khambhat, Dist. Anand	hitesh M. Patel, occupier, Vipul M. Patel Manager	9426061802 8000933606	chloric chloride anhydrous	40.5 MT 100 MT
14	Achal chemical	Sr. No. 202/13, Sokhada, Tal. Khambhat, Dist Anand	Prakash Patel, occupier, Sanjay M. Patel Safety Manager	9979421511 6356944912	Chlorine Toluene	30.6 MT 48 KL
15	Ayushi chemical pvt ltd	SR No 452/453 Paiki, Vaduchi mata road, Sokhada, Tal Khambhat, Dist Anand	Hemantbhai Patel Occupier	9909998861	Chlorine	45 MT

BPCL Umreth

Contact Person – Udipt Wamhne- 7673936362

Sr.no	Equipments	Equipments used for	Quantity
1	Safety Helmets	PPE	10

2	Safety Shoes	PPE	10
3	Safety Goggles	PPE	4
4	Pvc Apron	PPE	4
5	Pvc Suit	PPE	5
6	Ear Muff	PPE	17
7	Ear Plug	PPE	30
8	Consumable Hand Gloves	PPE	30
9	Pvc Hand Gloves	PPE	3
10	Dust Mask	PPE	10
11	Full Body Safety Harness Belt	PPE	5
12	Foam	Fire Fighting	2200 Ltrs
13	Fire Proximity Suit	Fire Fighting	1
14	Leak Control Kit	Repair & Maintenance	1 set
15	Oil Spill Dispersant (Spill Care)	Fire Fighting	900 Ltrs
16	Non Sparking Tools	Repair & Maintenance	1 set
17	Self Contained Breathing Appartus (SCBA)	PPE	2
18	Emergency Escape Set	Fire Fighting	1
19	Flame Proof Torches	Fire Fighting	3
20	Mega Phone Ex-Proof	Fire Fighting	1
21	First Aid Box	First Aid	2
22	Water Gel Blankets	First Aid	3
23	Folding Strecher	First Aid	1
24	Emergency Mechanical Tool Kit	Repair & Maintenance	1
25	Fog Nozzles	Fire Fighting	2
26	Foam Branch FB-5X	Fire Fighting	1
27	Mechanical Foam Generator	Fire Fighting	1
28	Oil Absorbent Kit		
	Mat	Fire Fighting	300
	Pillow	Fire Fighting	25
	Long Socks	Fire Fighting	35
	Mini Socks	Fire Fighting	30
Fire Extinguishers			
29	10 Kg DCP	Fire Fighting	31
	75 Kg DCP	Fire Fighting	2
	6.5Kg CO2	Fire Fighting	2
	4.5Kg CO2	Fire Fighting	25
	2 Kg CO2	Fire Fighting	6
	2 Kg Clean Agent	Fire Fighting	3

Jay Chemical

Contact Person – Parminder Sawhney – 9925207415

Sr.no	Equipments	Equipments used for	Quantity
1	ABC Type Fire Extinguishers	Fire Protection	84

2	DCP Type Fire Extinguishers	Fire Protection	51
3	Mechanical Foam Type Fire Extinguishers	Fire Protection	26
4	CO2 Type Fire Extinguishers	Fire Protection	35
5	Safety Helmets	safety	100
6	SCBA Set	Toxic / Fire smoke protection	8
7	Explosive meter	inspection	1
8	Electrical Siren	Alert	8
9	Fire Blanket	Fire protection	4
10	Safety Shower	Eye wash safety	42
11	Strechers	Medical	2
12	Ambulance	Medical	1
13	Fire Hose point	Fire Protection	61
14	Fixed Monitor	Fire Protection	5
15	Water Fire Nozzle	Fire Protection	10
16	Foam Trolley	Fire Protection	1
17	Extention ladder	safety	1
18	All types of Hand gloves	safety	100
19	Cartridge Mask	Toxic protection	10
20	Safety Goggles	Eye safety wear	50
21	Emergency kit for Leakages	safety	1
22	PVC Suit	safety	15
23	Breathing air cylinder bank system	safety	1
24	Chemical protection suit	safety	3
25	Water sprinkler	Fire / Safety	10

Cambay Organic

Contact Person :- Manish Chauhan - 9106825885

Sr.no	Equipments	Equipments used for	Quantity (Nos)
1	Abc Dry Powder	Boiler Plant	1
2	Abc Dry Powder	Vesal Plant	2
3	Abc Dry Powder	Old Btc Plant	2
4	Abc Dry Powder	New Btc Plant	2
5	Abc Dry Powder	Old Btc Plant	2
6	Abc Dry Powder	New Btc Plant	2
7	Abc Dry Powder	Store Room Area	2
8	Abc Dry Powder	Security Gate	1
9	Abc Dry Powder	Office Building	2
10	Abc Dry Powder	Packing Area	2
11	Abc Dry Powder	Electric Room	1
12	Abc Dry Powder	Extra	1
13	Ba Set	Chlorine Storage Area	1
14	Ba Set	Extra	1

Shital Chemicals

Contact Person :- Tejas chauhan - 8000936701

Sr.no	Equipments	Equipments used for	Quantity
1	Fire Extinguisher	Fire Fighting	53
2	S.C.B.A. Sets	Fire Fighting, Rescue	9
3	Fire Hydrant system	Fire Fighting	1
	Jocky Pump	Fire Fighting	1
	Main Pump	Fire Fighting	1
	D G set	Fire Fighting	1
	Hydrant Points	Fire Fighting	25
	Nosels	Fire Fighting	40
	10 X nosels	Fire Fighting	2
	5 X nosels	Fire Fighting	2
	Fire Monitor	Fire Fighting	2
	Hoses	Fire Fighting	50
	Hose Box	Fire Fighting	25
4	Send Buckets	Fire fighting,Spilage control	30
5	Send Pit	Fire fighting,Spilage control	5
6	Chlorine kit	Chlorine leakage control	3
7	Chlorine hood	Chlorine leakage control	2
8	Safety Shower	Chemical washing	6
9	Wind shok	To see wind direction	2
10	Emergency siron	To inform emergency	2
11	D G set	In emergency light supply	1
12	Emergency bell	In emergency light supply	1
13	First aid Boxes	First aid	5
14	Emergency kit	To put emergency equipments	2
15	On line respirator		
	On line respirator mask	brething during emergency	5
	On line respirator points	brething during emergency	12
	on line respirator compressor	brething during emergency	2
16	Cars	For Transportation during emergency	2

GUJARAT HALOGEN PETROCHEM CORPORATION**Contact Person :- Viraj Patel - 8000933602**

Sr.no	Equipments	Equipments used for	Quantity
1	DC Powder (50% of Fire Extinguishers	Chemical Fire	20
2	Co2 Cartridges – 10 kgs	Electric Fire	20
3	Co2 Cartridges – 2 Kgs	Electric Fire	2
4	Sand Scoops	Chemical Fire	5
5	Safety Helmets	Plant Worker	40
6	First Aid Box	Medical Emergency	5
7	Fire Entry Suit	Enter For Fire Area	4
8	Electric Siren	Collecting Worker For assembly Point	1
9	S.B.A.	Chemicals Leakage In Use For Work	3
10	Safety shower	Wash Body	2
11	Gum boot	Leakage Chemicals Resistent	100
12	Hand Gloves	Leakage Chemicals Resistent	100
13	PPE	Protect Body	10
14	Fire fighting System	To Extinguish The Fire	1

Gujarat Industrial Chemical Co.**Contact Person :- Ghanshyam Sindha-8000396707**

Sr.no	Equipments	Equipments used for	Quantity
1	Fire Extinguisher	Fire Fighting	52
2	S.C.B.A. Sets	Fire Fighting, Rescue	7
3	Chlorine kit	Chlorine leakage control	1
4	Chlorine hood	Chlorine leakage control	1
5	Safety Shower	Chemical washing	2
6	Wind shok	To see wind direction	1
7	Emergency siron	To inform emergency	1
8	D G set	In emergency light supply	1
9	Emergency bell	In emergency light supply	1
10	First aid Boxes	First aid	2

Annexure 11: Control Rooms Contact Number

Sr.No.	EOCs/ Control rooms	Contact Numbers
1	State EOC	079-23251568 State Toll Free No – 079-1070
	GSDMA	07923259220 Fax – 23259275
2	Relief Commissioner	2322667 (R) 23251591
3	Director of Relief	23220150, (R) 23251916
4	Meteorological Dept. for Cyclone Warning (CWC)	079-22865012/22861413, Fax-22865449
5	IMD-Ahmedabad	079 22865012, Fax-079 22865449
6	ISR-Gandhinagar	079 66739000
7	Irrigation Dept. Gandhinagar	079 23220954, 079 23248735, 079 23248736 Fax- 079 23240553
8	CEO, GSDMA	23259276/502 (F) 23259275
9	Anand District EOC	02692-24322, F-02692-266193, Toll Free No – 02692-1077
10	Taluka EOCs	
1	Anand (R)	02692-260264 (M) 7567001223, Fax no. 260264
2	Umreth	02692-277900 (M)7567020206 Fax no. 02692-277900
3	Borsad	02696-282322,282335 (M)7567001188
4	Anklav	02696-282322(M)7567001198 Fax no. 02696-282322
5	Petlad	02697-221279 (M) 7567001153 Fax no. 02697-221279
6	Sojitra	02697-233300 (M) 7567001175 Fax no.233200
7	Tarapur	02698-255015 (M) 7567001219 Fax no. 02698-255015
8	Khambhat	02698-221343 (M) 7567001175 Fax no. 02698-221343
11	Nagarpalika EOCs	
2	Umreth	02692- 276611 (M) 70433 89607
4	Oad	02692- 282405 (M) 83471 50990
5	Boriyavi	02692- 271413 (M) 9909834973
7	Anklav	02696- 282643 (M) 83471 50990
8	Brosad	02696- 220101 (M) 83203 75020
9	Petlad	02697- 222222 (M) 99985 41161
10	Sojitra	02697- 233213 (M) 77789 87298
11	Khambhat	02698- 220222 (M) 7201040210

Annexure 12: Contact Detail of Flood Control Rooms

Sr.No	Department	Phone	Fax
1	Vanakbori, Nadiyad Irrigation Circle, Nadiyad	0268-2557140, 0268-2563362, eeshedhinadiad@gmail.com	0268-2556025(F)
2	Kadana -Mahisagar	02675-237518, kpcdiwda@yahoo.com	02675- 237627 (F)
3	Panam,,Panam Project Circle, Godhra Adhikshak Egn.	02672-241801, seppcgodhara@gmail.com	02672-242850(F)
4	Mahi irrigation Circle,	02692-262044,02692-264085, eevpvpatel@gmail.com	02692-262282(F)
6	Shedhhi Rivr Bridge, Nadiad	0268-2557140, eeshedhinadiad@gmail.com	0268-2556025(F)
7	Wasana Barriage, Ahemdabad Irrigation Project Circle,	079-27912505, seaipcabd@gmail.com	079-27973029 (F)

Annexure 13: List of Major Hospital Services

Sr.No	Name of Hospital	Contact Details
		Office
1	Zudus Hospital Anand,Near Indira Gandhi Statue, Zyudus Hospital Road,Anand	02692-619501, 8128678992
2	Sai Hospital,Surya Mandir Road, Opposite Shrinathjinagar Society, Borsad	02696-225119
3	Anand Orthopedic Hospital,Near Over Bridge, Besideds Shah Petrol Pump, Anand	
4	CDMO S S hospital	02697-224645 224422
5	Sterling Hospital (Baroda)	0265-2354455 02645-2354466 0265-2354488
6	Bhailal Amin Hospital (Baroda)	0265-2284444 0266-2286666 0265-3956222
7	Baroda Heart Institute & Research Centre (Baroda)	0265-2325444 0265-2322021
8	Shree Sir Sayaji General Hospital (Baroda)	0265-2424848 0265-2423122
9	Civil Hospital (New) Surat(Surat)	0261-2244985
10	Shree Mahavir General Hospital(Surat)	0261-2331181 0261-2332828 0261-2330180
11	Sanjeevani Multi Speciality Hospital (Surat)	0261-2215777

List of Blood Banks

Sr No	Name	Phone No.
1	Rotary club, Anand	02692-269124
2	Indu Blood Bank, Anand	02692-259596
3	Indian Red Cross, Anand	02692-243406
4	Rotri club, Borsad	02696-220344
5	Blood Bank, Khambhat	02698-220516

Annexure 14-Low Laying Area Of Anand District Vulnerable Villages Due To Flood In Mahi River

Sr.No	River Name	Water discharge	Taluka Name	Village Name	Danger Signal
1	Mahi	435000 Cusec/ 12317.71 Cumet	Borsad	1 Gajna 2 Salol 3 Kankupura 4 Ankavadi 5 Rajupura	White Signal
			Anand	1 Khanpur 2 Kheda 3 Ankavadi 4 Rajupura	Alert
			Umreth	1 Pratpura 2 Khorwad	
2	Mahi	450000 Cusec/12742.46 Cumet	Anklav	1 Kanvadi 2 Amrol 3 Ashrama	White Signal Alert
3	Mahi	865000 Cusec/ 24493.84 Cumet	Anklav	1 Navakhal 2 Bhetasivanto 3 Gambhira	White Signal Alert
			Anklav	1 Chamara 2 Bamanagam 3 Umeta 4 Khadol 5 Sankhyad	Blue Signal Ready to evacuate
			Borsad	1 Dhevan 2 Badalpur 3 Valvod	White Signal Alert
			Umreth	1 Pratapnagar 2 Khorwad	Blue Signal Ready to evacuate
4	Mahi	1000000 Cusec/ 28316.57 Cumset	Anand	1 Khanpur 2 Kheda 3 Anklovadi	Blue Signal Ready to evacuate
			Umreth	1 Pratapnagar 2 Khorwad	
			Borsad	1 Gajna 2 Salol 3 Kankupura 4 Ankavadi 5 Rajupura	
			Anklav	1 Kanvadi 2 Amrol 3 Bhanupura 4 Ashrama	
5	Mahi	1142000 Cusec/ 32337.53 Cumet	Anklav	1 Chamara 2 Bamanagam 3 Umeta 4 Khadol	Red Signal Immediate evacuation

				5 Sankhyad	
			Anand	1 Khanpur 2 Kheda 3 Anklovadi 4 Rajupura	Blue Signal Ready to evacuate
6	Mahi	1210000 Cusec/ 34337.53 Cumet	Borsad	1 Dhevan 2 Badalpura	Blue Signal Ready to evacuate
			Borsad	1 Gajna 2 Salol 3 Kankupura	Red Signal Immediate evacuation
			Anklav	1 Navakhal 2 Bhetasivanto 3 Gambhira	
			Umreth	1 Pratapnagar 2 Khorwad	
			Anand	1 Khanpur 2 Kheda 3 Anklovadi 4 Rajupura	
7	Mahi	1227000 Cusec/ 34744.44 Cumet	Anklav	1 Navakhal 2 Bhetasivanto 3 Gambhira	Red Signal Immediate evacuation
			Borsad	1 Dhevan 2 Badalpur 3 Valvod	Immediate evacuation

Vulnerable Villages due to Flood in Sabarmati River

Sr.No	River Name	Water discharge	Taluka Name	Village Name	Danger Signal
1	Sabarmati	86597 Cusec/ 2452.08 Cumet	Khambhat	1 Golana	White Signal Alert
2	Sabarmati	116892 Cusec/ 3309.91 Cumet	Tarapur	1 Galiana 2 Rinza 3 Khada 4 Mota Kalodra 5 Fatehpur 6 Pachegam 7 Kasbara 8 Nabhoi 9 Milrampur 10 Chitravada 11 Dughrai	White Signal Alert
			Khambhat	1 Golana	Blue Signal Ready to evacuate

3	Sabarmati	145000 Cusec/4105.90 Cumet	Tarapur	1 Galiana 2 Rinza 3 Khada 4 Mota Kalodra 5 Fatehpur 6 Pachegam 7 Kasbara 8 Nabhoi 9 Milrampur 10 Chitravada 11 Dughrai	White Signal Alert
			Khambhat	1 Golana	Blue Signal Ready to evacuate
4	Sabarmati	173300 Cusec/4907.26 Cumet	Tarapur	1 Galiana 2 Rinza 3 Khada 4 Mota Kalodra 5 Fatehpur 6 Pachegam 7 Kasbara 8 Nabhoi 9 Milrampur 10 Chitravada 11 Dughrai	Red Signal Immediate evacuation
			Khambhat	1 Pandad	
5	Sabarmati	203300 Cusec/ 5756.76 Cumet	Tarapur	1 Galiana 2 Rinza 3 Khada 4 Mota Kalodra 5 Fatehpur 6 Pachegam 7 Kasbara 8 Nabhoi 9 Milrampur 10 Chitravada 11 Dughrai	Red Signal Immediate evacuation
			Khambhat	1 Pandad	

Annexure 15: List of NGOs in Anand District

No.	District	NGOs	NGOs' Activities	Phone/Fax
1	Anand	Lions Club, Anand Dr. R L Kathrani	Netra Yojna, Medical check-up, Distribution of Medicines, Food packets, Blood donation Camp, Cattle Camp, Eye Camp, Grain Distribution	9825277875
2		Indian Red-cross Society Near Municipalityoffice, Sardar gunj Road,Anand Nitin M Patel	Blood Donation, Physiotherapy, Distribution of Grain & Medicines while Natural Disaster, Help to Handicaps	243406 94284371239
3		Tribhuvandas Foundation, Anand	Children Health, Family planning, Disease Cure, Help in villages through Health workers, Care of environment, employment of village women	251266 F-240394
4		Eye Hospital, Chikhodra	Arrange Eye camp, Spectacles camp, Food packets, Children Nutrition food	242387 75672 59134
5		Ananad Jilla & Grmaya Grahak Surksha and Shishkan Kendar,Anand	Social Health care, Education care activities	02692- 247119, 9725964011
6		Prakrit Seva Trust Sanchalit Grahak Surksha Mandal,Vallabh Vidhyanagr	-	02692- 231877, 9375026908
7		New Jalaram Seva Trust,Anand	Old age home, Activities of Elders, Distribution of Food packets	02692- 651565, 8000237557
8		Jivandeep Sarvoday Center,Anand	Activities related to health & any social domain	02692- 223213, 9924683518
9		Sankara Eye Hospital, N.Highway-8, Mogar, Anand	Arrange Eye camp, Spectacles camp	280450 96876 25219

10	Borsad	Jalaram Temple Trust, 55, Gandhi gunj, Borsad	Old age home, Activities of Elders, Distribution of Food packets Blood bank, Ambulance, Help to Handicaps	220008 98250 47595
11		Lions Club, Borsad	Blood Donation, Eye camp, town development, Distribution of Food packets while Natural disaster	220167 94270 42286
12	Petlad	Rotary Club, Petlad	Health care camp, Health club	
13		Red-cross Society, Petlad	Activities related to health	
14	Sojitra	Lions Club, Sojitra	Social Health care, Education care activities	
15	Khambhat	Swaminarayan Temple, Khambhat	Bal-sachin, Women group, Activities related to health, Cattle Camp, Food packets while too much Rain, Volunteers works while Natural disasters, villages used to be adopted, Help at organizational level	
16		Swaminarayan Temple, Vadtal	Help while Natural disasters as per higher authorities instructions to needy,	220532 98989 35434
17		Rotary Club, Khambhat	Polio, Vaccines, Health wise Eye camps, Food packets distribution while too much Rain, Cattle Camp, village adoption	220707 98790 48835
18		Lions Club, Khambhat	other activities related to health	220516 94286 60805
19	Tarapur	Rotract club, Tarapur	Medical camp, Distribution of Medicines, Help while Disasters	255432

Annexure 16: List of Helipad at Various Taluka Places of Anand District

List of Helipad at Various Taluka Places of Anand District R. & B. Division, Anand

Sr. No.	Village Name	Taluka Name	Nos. of Helipad	Condition (Operational / Non Operational / Abendent)	Security Agency Diploy Yes / No (if yes then Name of Agency)	Helipad location	North Latitude	East Longitude	Owner	Remarks
1	2	3	3	4	5	6	7	8	9	10
1	Anand	Anand	1	Operational	No	Veterinary Collage Compound, Anand	22-32.24'	72-57.35'	Agriculture university Anand	-
2	Anand	Sarsa	1	Operational	No	Sarsa Vasad Road	22-32.38'	73-03.50'	Gam Panchayat Sarsa Ta. Anand	-
3	Khambhat	Khambhat	1	Operational	No	O.N.G.C. campus, Kansari at Khambhat	22-19.623'	72-38.442'	O.N.G.C	-
4	Gada	Sojitra	1	Operational	No	High School Ground at Gada Ta. Sojitra	22-31.820'	72-41.170'	Jilla Panchayat, Anand	-
5	Petlad	Petlad	1	Operational	No	Nagarpalika Ground at Petlad	22-28.40'	72-48.24'	Nagarpalika, Petlad	-
6	Changa	Petlad	1	Operational	No	Charuset University Campus at Changa Ta. Petlad	22-35.56'	72-49.18'	Charutar University	-
7	Indranaj	Tarapur	1	Operational	No	Duravit Co. at Indrnaj on Tarapur Vataman Road. Ta. Tarapur	22-29.47'	72-32.28'	Duravit Co., Tarapur	-

Annexure 17: Latitude and Longitude of Vulnerable Villages of Anand District

Sr.	District	Taluka	Village Name	Latitude	Longitude
1	Anand	Anklav	Chambara	22 ⁰ - 18' - 15" N	72 ⁰ - 01' - 48" E
			Bamngam	22 ⁰ - 17' - 16" N	72 ⁰ - 00' - 22" E
			Umeta	22 ⁰ - 19' - 59" N	73 ⁰ - 03' - 06" E
			Khadol	22 ⁰ - 18' - 59" N	73 ⁰ - 02' - 59" E
			Sankhyad	22 ⁰ - 18' - 10" N	73 ⁰ - 02' - 18" E
2	Anand	Borsad	Gajana	22 ⁰ - 16' - 36" N	72 ⁰ - 54' - 17" E
			Sarol	22 ⁰ - 17' - 35" N	72 ⁰ - 53' - 31" E
			Kanpura	22 ⁰ - 16' - 25" N	72 ⁰ - 49' - 01" E
			Nanisheradi	22 ⁰ - 18' - 35" N	72 ⁰ - 56' - 57" E
			Khothiyakhad	22 ⁰ - 18' - 08" N	72 ⁰ - 56' - 59" E
3	Anand	Anand	Khanpur	22 ⁰ - 32' - 12" N	72 ⁰ - 07' - 27" E
			Kherda	22 ⁰ - 30' - 58" N	72 ⁰ - 06' - 26" E
			Anklavdi	22 ⁰ - 28' - 47" N	73 ⁰ - 04' - 58" E

			Rajupura	22 ⁰ - 28' - 20" N	73 ⁰ - 04' - 56" E
4	Anand	Umreth	Pratapura	22 ⁰ - 33' - 22" N	73 ⁰ - 08' - 45" E
			Khorwad	22 ⁰ - 33' - 57" N	73 ⁰ - 08' - 03" E
5	Anand	Anklav	Kahanwadi	22 ⁰ - 23' - 17" N	73 ⁰ - 03' - 25" E
			Amrol	22 ⁰ - 21' - 59" N	73 ⁰ - 02' - 40" E
			Bhanpura	22 ⁰ - 24' - 14" N	73 ⁰ - 03' - 18" E
			Asarma	22 ⁰ - 20' - 59" N	73 ⁰ - 02' - 14" E

6	Anand	Anklav	Navakhali	22° - 19' - 42" N	73° - 00' - 36" E
			Bhetasi Vanto	22° - 25' - 42" N	73° - 03' - 47" E
			Gambhira	22° - 15' - 45" N	73° - 58' - 34" E
7	Anand	Borsad	Dahevan	22° - 16' - 31" N	72° - 49' - 39" E
			Badalpur	22° - 16' - 05" N	72° - 47' - 58" E
			Valvod	22° - 18' - 53" N	72° - 54' - 24" E
8	Anand	Khambhat	Golana	22° - 27' - 34" N	72° - 25' - 05" E
			Pandad	22° - 22' - 36" N	72° - 27' - 03" E
9	Anand	Tarapur	Galiyana	22° - 29' - 26" N	72° - 27' - 03" E
			Rinza	22° - 33' - 19" N	72° - 26' - 26" E

			Khada	22° - 35' - 03" N	72° - 28' - 48" E
			Milrampur	22° - 33' - 58" N	72° - 31' - 18" E
			Chitarwada	22° - 32' - 19" N	72° - 27' - 39" E
			Dugari	22° - 32' - 27" N	72° - 29' - 27" E
			Nabhoi	22° - 33' - 52" N	72° - 28' - 12" E
			Mota Kalodara	22° - 35' - 44" N	72° - 29' - 56" E
			Fatepura	22° - 30' - 38" N	72° - 27' - 08" E
			Pachegam	22° - 32' - 24" N	72° - 27' - 05" E
			Kasbara	22° - 31' - 06" N	72° - 29' - 18" E

Annexure 18 Contact Details

ક્રમ	હોદ્દો	નામ	લેન્ડ લાઇન	મોબાઇલ
1	કલેક્ટરશ્રી આણંદ	શ્રી પ્રવીણ ચૌધરી, IAS	262271	99784 06203
2	મ્યુનિસિપલ કમિશનરશ્રી	શ્રી આર.એન.ડોડીયા	02692-243942	9978411491
3	અધિક નિવાસીકલેક્ટરશ્રી, આણંદ	શ્રી આર.એસ.દેસાઇ, GAS	262040	99784 05175
4	અવકુડા સી.ઓ.શ્રી	શ્રી	242204	9978411243
5	જિલ્લા આયોજન અધિકારીશ્રી	શ્રી એન.જી પટેલ	260734	9825616126
6	જિલ્લા પુરવઠા અધિકારીશ્રી	સુ.શ્રી જે.એસ. પટેલ	263620	75670 10458
7	ના.કલેક્ટર જમીનસુધારણા	શ્રી એસ.ડી. પટેલ	264960	97262 23936
8	ના.કલેક્ટર (મ.ભો.યો)શ્રી	સુ.શ્રી જે.એસ. પટેલ (I/C)	263873	75670 10458
9	ના.કલેક્ટર જમીન સંપાદન	શ્રી વી.એ. પંચાલ		9737088871
10	ના.જિલ્લા ચુંટણી અધિકારીશ્રી	સુશ્રી અનિતા બી. લાલુન	260295	99784 05296
11	ના.કલેક્ટર સ્ટેમ્પ ડ્યુટી	કુ. એચ.ઝેડ. ભાલીયા	261470	94272 17748
13	ના.કલેક્ટરશ્રી(૧) DC-1,	શ્રી વી.એ. પંચાલ		9737088871
14	ચીટનીશ ટુ કલેક્ટરશ્રી	શ્રી મુકેશભાઈ દેસાઇ	264374	98989 50960
15	જન સંપર્ક અધિકારીશ્રી	શ્રી હાર્દિકભાઈ ડામોર	264870	9712001120
16	ડિઝાસ્ટર મામલતદારશ્રી	શ્રી જયકિશન સાધુ	243222	7490915909
17	મામલતદારશ્રી, ચુંટણી	શ્રી રાજેન્દ્રસિંહ રાવ	260295	9427214808
18	સિંચાઈ દર વસુલાત, મામલતદારશ્રી	શ્રી કાર્તીકસિંહ વિહોલ		9724444441
19	મામલતદાર અવકુડા	શ્રી ભગીરથસિંહ ચુડાસમા		9428911800

પ્રાંત અધિકારીશ્રી

ક્રમ	કચેરી	નામ	લેન્ડ લાઇન	મોબાઇલ
1	આણંદ	શ્રી મયુર પરમાર	02692-264045	99784 05204
2	પેટલાદ	શ્રી હિરેન જે. બારોટ, IAS	02697-224953	75670 10508
3	બોરસદ	શ્રી અમીત પટેલ	02696-224430	75670 10437
4	ખંભાત	શ્રી કુંજલ શાહ	02698-221021	75670 10408

મામલતદારશ્રી

ક્રમ	કચેરી	નામ	લેન્ડ લાઇન	મોબાઇલ
1	આણંદ શહેર	શ્રી સૃષ્ટિ અશોક શારદા (GAS)	02692-260091	75670 81181 8238518830
2	આણંદ ગ્રામ્ય	શ્રી વિજયરાજસિંહ ગોહીલ	02692-260276	7567000466

3	ઉમરેઠ	શ્રી નિમેષ.પી.પારેખ	02692-277900F	75670 20206
4	આંકલાવ	શ્રી સોમાલાઈ એમ. સેન્ઘવ	02696-282322	75670 02112
5	બોરસદ	શ્રી એમ.એ.પ્રજાપતી	02696-220048	9824344500 7567795999(O)
6	પેટલાદ	શ્રી કે ડી સોલંકી	02697-224373	9925620603
7	સોજીત્રા	શ્રી જી.જી. કાપડીયા	02697-233300	75670 01166
8	તારાપુર	શ્રી જયેશભાઈ તળપદા	02698-255015	79849 56255
9	ખંભાત	શ્રી જયદેવ વાંક	02698-221343	9274563939

જિલ્લા કચેરી, આણંદ

ક્રમ	હોદ્દો	નામ	લેન્ડ લાઈન	મોબાઈલ
1	જિલ્લા વિકાસ અધિકારીશ્રી	શ્રી દેવાહુતિ , IAS	(O)264110 (F)263895	99784 06228
2	જિલ્લા પોલીસ અધિક્ષકશ્રી	શ્રી ગોરવ જસાણી (IPS)	(O)260027 (F) 260623	99784 05064
3	નાયબ વન સંરક્ષકશ્રી	શ્રી સુરેશકુમાર મીના (IFS)	264855	63776 64417
4	નિયામકશ્રી, જિલ્લા ગ્રામ વિકાસ એજન્સી	શ્રી જે.વી.દેસાઈ (GAS)	264474	90999 55929
5	નાયબ જિલ્લા વિકાસ અધિકારીશ્રી (વિકાસ)	શ્રી કિજલ દેસાઈ	266319	95125 85606
6	નાયબ જિલ્લા વિકાસ અધિકારીશ્રી (મેહસૂલ)	શ્રી કાર્તિક કાયા		8460289125
7	નાયબ જિલ્લા વિકાસ અધિકારીશ્રી (પંચાયત)	શ્રી રૂબી રાજપુત		8849627783
8	મુખ્ય જિલ્લા આરોગ્ય અધિકારીશ્રી	ડૉ. પિયુષ આર. પટેલ	263277	75678 70001
9	મુખ્ય જિલ્લા તબીબી અધિકારીશ્રી CDMO, આણંદ જનરલ હોસ્પિટલ	ડૉ. અમર પંડ્યા		8866748466
10	મુખ્ય જિલ્લા તબીબી અધિકારીશ્રી CDMO, પેટલાદ સીવીલ હોસ્પિટલ	ડૉ. ગીરીશભાઈ કાપડીયા		94275 97596
11	અધિક મુખ્ય જિલ્લા આરોગ્ય અધિકારીશ્રી	ડૉ.પૂર્વોબેન નાયક	262751	75678 70002
12	નાયબ વન સંરક્ષકશ્રી	શ્રી સુરેશકુમાર મીના	264855	63776 64417
13	કાર્યપાલક ઇજનેરશ્રી, માર્ગ અને મકાન વિભાગ (રાજ્ય)	શ્રી હિતેષ ગઢવી	(O)260455 (F)262532	98796 50171 9265230988
14	કાર્યપાલક ઇજનેરશ્રી, માર્ગ અને મકાન વિભાગ (પંચાયત)	શ્રી હિતેષ ગઢવી(I/C)	261597	98796 50171
15	કાર્યપાલક ઇજનેરશ્રી,	શ્રી રજતભાઈ ચોધરી	262044	8200185628

	સિંચાઈ વિભાગ (રાજ્ય) આણંદ વિભાગ			
16	કાર્યપાલક ઇજનેરશ્રી, સિંચાઈ વિભાગ (પંચાયત)	શ્રી વિજય ઘનવાણી	264098	7567976679
17	કાર્યપાલક ઇજનેરશ્રી, સિંચાઈ વિભાગ (રાજ્ય) પેટલાદ વિભાગ	શ્રી અંકુર રાઠોડ		8155888987
18	કાર્યપાલક ઇજનેરશ્રી, PIU,	શ્રી પારેખ		99133 73781
19	નાયબ નિયામક સમાજ કલ્યાણ અધિકારીશ્રી,SC	શ્રી જ્યોતિકા ગજજર	260439	8320451956
20	જિલ્લા સમાજ કલ્યાણ અધિકારીશ્રી, વિ.જાતિ(OBC)	શ્રી રવીરાજ સિંહ ચાવડા	264413	8758982866
21	જિલ્લા સમાજ સુરક્ષા અધિકારીશ્રી	શ્રી મયંક ત્રિવેદી	253210	98249 44100
22	જિલ્લા સમાજ કલ્યાણ અધિકારીશ્રી,પંચાયત	શ્રી વી.ટી.સુતરીયા	264282	87340 33283
23	કમિશ્નર આદિજાતિ વિકાસ અમદાવાદ	શ્રી વી યુ વસાવા	079 25510126	7405246867
24	સુપ્રિટેન્ડેન્ટ ઓફ લેન્ડ રેકર્ડ્સ	શ્રી અવનીબેન રાજપુત		9512003131
25	જિલ્લા માપણી અધિકારીશ્રી	શ્રી એકતાબેન પટેલ	262406	98791 84419
26	City Survey Superintendent, Anand	શ્રી અશોક રાવલ		87804 10135
27	City Survey Superintendent, Petlad	શ્રી ચારમી પારેખ		8469291238
28	City Survey Superintendent, Khambhat	શ્રી એકતાબેન પટેલ (I/C)		98791 84419
29	City Survey Superintendent, Umreth	શ્રી એકતાબેન પટેલ (I/C)		98791 84419
30	હક ચોક્કસી અધિકારીશ્રી, પેટલાદ સીટી સર્વે	શ્રી અનીલ પારેખ		97270 67707
31	ભુસ્તરશાસ્ત્રી ખાણ ખનીજ	શ્રી મીત પરમાર (I/C)	264550	99784 06848
32	જનરલ મેનેજરશ્રી, જિલ્લા ઉદ્યોગ કેન્દ્ર	શ્રી જી.પી.ઝાલા	264394	99095 78681
33	જિલ્લા રજીસ્ટાર(સહકારી મંડળી)	શ્રી અભિષેક સુવા (I/C)	264890	99781 01799
34	નોંધણી નિરીક્ષકશ્રી,	શ્રી એચ.વી ચોહાણ (i/c)	260043	9925551837

	સબ રજીસ્ટ્રેશન શાખા			
35	નાયબ માહિતી નિયામકશ્રી	શ્રી હેતલભાઈ દવે	264994	98255 99149
36	જિલ્લા રોજગાર અધિકારીશ્રી	કુ. મીનાક્ષી કે. ચૌહાણ (I/C)	264998	97260 16506
37	જિલ્લા નગર નિયોજકશ્રી	શ્રી અર્પણ શાહ	261318	97259 56594
38	નાયબ પશુપાલન નિયામકશ્રી	ડૉ. મેહૂલ પટેલ	261136	94270 29319
39	જિલ્લા ખેતીવાડી અધિકારીશ્રી	શ્રી ચિંતન એસ.પટેલ	262102	99989 66798
40	પ્રોજેક્ટ ડાયરેક્ટર, આત્મા	શ્રી જી.સી. ભાલોડીયા	261327	96876 00683
41	નાયબ બાગાયત નિયામકશ્રી	ડૉ. સ્મીતાબેન પિલાઈ	262023	94263 53088
42	નાયબ ખેતી નિયામક વિસ્તરણ	શ્રી સચીન ગઢીયા		97247 49875
43	જિલ્લા આંકડા અધિકારીશ્રી	શ્રી કોકીલા અંકોલીયા	260932	9265067808
44	મહિલા અને બાળ અધિકારીશ્રી	શ્રી નિલેશ્વરીબા ગોહીલ	260216	80005 27598
45	જિલ્લા દહેજ પ્રતિબંધક અધિકારીશ્રી	શ્રી સોનલબેન પટેલ (i/c)	260216	9898034009
46	જિલ્લા બાળ સુરક્ષા અધિકારીશ્રી	શ્રી પાર્થ ઠાકર		99980 43457
47	યુનિટ મેનેજરશ્રી, વાસ્તો	શ્રી કૃપાલી રાવ	266330	92659 74342
48	કાર્યપાલક ઇજનેરશ્રી, પાણી પુરવઠા	શ્રી સંગ્રામસિંહ આર.ઠાકોર		99048 15881
49	તિજોરી અધિકારીશ્રી	શ્રી શૈલેશ ડામોર (i/c)	261275/ 263005	75670 22810
50	લીડ બેન્ક મેનેજરશ્રી (BOB)	શ્રી જગદીશ પાટીલ	242064/ 266802	94230 53999
51	મદદનીશ શ્રમ અને આયુક્ત કમિશનરશ્રી	શ્રી દિવ્યેશ એન. સોનવણે		94081 85025
52	સરકારી શ્રમ અધિકારીશ્રી	શ્રી પ્રકાશ નિનામા		83474 84919
53	એ.આર.ટી.ઓ (ARTO)	શ્રી ડી.કે ચાવડા	264800	9737782289
54	જિલ્લા શિક્ષણ અધિકારીશ્રી	શ્રી કામિની ત્રિવેદી	264153	99099 70231
55	જિલ્લા પ્રાથમિક અધિકારીશ્રી	શ્રી અર્યનાબેન વી. પ્રજાપતિ	263205	99099 71653
56	રીઝીઓનલ ઓફીસરશ્રી, ગુજરાત પોલ્યુશન કંટ્રોલ બોર્ડ	શ્રી જય પટેલ	266194/ 266195	9099011681
57	ચેરીટી કમિશ્નરશ્રી	શ્રી બી.એચ. હુણ	241500	9227991820
58	આસી.કમિશ્નરશ્રી, ફૂડ એન્ડ ડ્રગ્સ	શ્રી અરવિંદ ઝાલા	261160	7567513712

59	ફૂડ ઈન્સ્પેક્ટર, ફૂડ એન્ડ ડ્રગ્સ	શ્રી પી.એચ. સોલંકી		92777 07321
60	પ્રોગ્રામ ઓફીસર, આઈ.સી.ડી.એસ	શ્રી તેજલબેન ગોસ્વામી		78630 55820
61	જિલ્લા આયુર્વેદ અધિકારીશ્રી	ડૉ. જતીન એસ. પટેલ	264400	81286 57244
62	જિલ્લા મેલેરીયા અધિકારીશ્રી	ડૉ. રાજેશ પટેલ (I/C)	260675	97373 75380
63	જિલ્લા ક્ષય અધિકારીશ્રી	ડૉ.ડી વી પરમાર	258746	7567870007
64	મદદ.મત્સ્યોદ્યોગ નિયામકશ્રી	શ્રી બિંદિયા કોઠારી	262023	9998813153
65	નશાબંધી અને આબકારી અધિક્ષકશ્રી	શ્રી ડી.જે. વાનાણી	253704	8460947927
66	ડેપો કંટ્રોલર આણંદ- નડિયાદ (ST)	શ્રી સી.ડી. મહાજન		63599 19037
67	ડેપો મેનેજરશ્રી, એસ. ટી. બસ આણંદ	શ્રી કમલેશભાઈ શ્રીમાળી		63599 18644
68	તોલ માપન અધિકારીશ્રી	શ્રી દિવ્યાંગ મોદી		94262 38245
69	મદદનીશ નિયમાક્રમ, ઔદ્યોગિક સલામતિ અને સ્વાસ્થ્ય	શ્રી રાજેન્દ્રસિંહ સોલંકી		8980029190
70	પુરવઠા નિગમ	શ્રી જસવંતભાઈ	264886	98252 19032
71	MGVCL S.E.	શ્રી કેતનભાઈ શાહ		9879200740
72	MGVCL Ex.En. City	શ્રી દલવાડી સાહેબ		99252 08448
73	MGVCL Ex.En. RURAL	સુ.શ્રી ભાનુબેન સોલંકી		99252 08207
74	MGVCL D.E. City	શ્રી અક્ષય સોઢાપરમાર	249584	99099 34795
75	નહેરુ યુવા કેન્દ્ર	શ્રી અક્ષય શર્મા		87087 66916
76	રમત ગમત અધિકારીશ્રી	શ્રી નટુભાઈ અસારી		94267 77107
77	રમત વિકાસ અધિકારીશ્રી	શ્રી ચિંતન મહેતા		90998 66266
78	જિલ્લા યુવા વિકાસ અધિકારીશ્રી	શ્રી અક્ષય મકવાણા (I/C)		99988 83227
79	ઝોનલ યોગ કોર્ડિનેટર, આણંદ	શ્રી જયના પાઠક		94094 02195
80	જિલ્લા યોગ કોર્ડિનેટર	શ્રી તોરલ પટેલ		7405173739
81	સંયોજક યુવા બોર્ડ	શ્રી મયુર ભાવસાર		99781 03171
82	આસી. કમિશ્નરશ્રી, Income Tax, Election	શ્રી રાજુવ છાબરા		94087 91520
83	PMAYG	શ્રી ભુપેન્દ્ર પ્રજાપતિ		98989 80779
84	જિલ્લા ગ્રંથાલય અધિકારીશ્રી	શ્રી એમ.ટી. નિસર્તા		97126 77258
85	GUDC મેનેજરશ્રી પ્રોજેક્ટ	શ્રી શેલેશભાઈ ભટ્ટ		84696 02598

86	મુખ્ય વહિવટી અધિકારીશ્રી, કરમસદ મેડીકલ હોસ્પિટલ	શ્રી માલવન		90999 42220
87	રજીસ્ટ્રાર ફરિયાદી આણંદ	શ્રી ગૌતમ પટેલ		93757 59054
88	રજીસ્ટ્રાર એસ.પી. યુનિ. આણંદ	શ્રી ભાઈલાલ પટેલ શ્રી બિરજ પટેલ(i/c)		99250 16096 9898646210
89	રજીસ્ટ્રાર CVM યુનિ. આણંદ	શ્રી સંદીપ વાલીયા		94183 00551
90	PRO શ્રી અમુલ ડેરી પ્લાન્ટ, આણંદ	શ્રી ગૌતમ		97125 23030
91	PRO શ્રી અમુલ ચોકલેટ પ્લાન્ટ, મોગર	શ્રી સ્મૃતિ પરમાર		98259 84998
92	NDDDB	શ્રી તુષાર ભટ્ટ (P.A. To Chaiman)		90996 61167
93	Admin વિભાગ, IRMA	શ્રી મિલનભાઈ		76000 12890
94	Dy Engineer BSNL	શ્રી ધરમ શાહ		9427316400
95	ITS Officer TELECOME Dept.	શ્રી આશીષ ઠાકર		94260 08000
96	નાયબ કાર્યપાલક ઈજનેરશ્રી(વિદ્યુત), નડીયાદ	સુ.શ્રી કુતીકા જોશી		99136 71601
97	DRM Vadodara (Railway)	PA TO DRM શ્રી સંદીપ		98255 19394
98	Railway Station Master, Anand	શ્રી કિરીટ પરમાર		97240 98425
99	કાર્યપાલક ઈજનેરશ્રી, દાંડી માર્ગ, નેશનલ હાઇવે ધોરી માર્ગ	શ્રી અમીત સોલંકી		84607 78886
100	નાયબ કાર્યપાલક ઈજનેરશ્રી, દાંડી માર્ગ, નેશનલ હાઇવે ધોરી માર્ગ	શ્રી અભીષેક દેશમુખ		94278 91155
101	પ્રોજેક્ટ મેનેજરશ્રી, DFCCIL અમદાવાદ	શ્રી મનોજસિંઘ		74900 41564
102	CPM NHRCL વડોદરા (બુલેટ્ટેન)	શ્રી હર્ષકુમાર	0265-2600000	97734 06248
103	આંતરીક અન્વેષણ અધિકારીશ્રી	આર.વી પરમાર		9913859099

ચીફ ઓફિસરશ્રી

ક્રમ	કચેરી	નામ	લેન્ડ લાઇન	મોબાઇલ
1	ઉમેરેઠ	શ્રી ભારતીબેન સોમાણી	(O)02692-276011 (F)02692-277481	70433 89607
2	ઓડ	શ્રી સદામ અંસારી	(O)02692-282405 (F)02692-277481	83471 50990
3	બોરીયાવી	શ્રી નિલમ રોય	(O)02692-	9909834973

			271413	
4	બોરસદ	શ્રી વિરાજ આર. શાહ	(O)02696-230408 (F)02696-230269	83203 75020
5	આંકલાવ	શ્રી સદામ અંસારી (i/c)	(O)02696-282643 (F)02696-282322	83471 50990
6	પેટલાદ	શ્રી કૃણાલ પટેલ	(O)02697-222740 (F)02697-224101	99985 41161
7	સોજિત્રા	શ્રી પાર્થ પરમાર	O)02697-233213	77789 87298
8	ખંભાત	શ્રી વિશાલ પટેલ	(O)02698-222740 (F)02698-224101	7201040210
9	તારાપુર	કૈલાસબેન પ્રજાપતી	O)02697-233213	97255 19016

તાલુકા વિકાસ અધિકારીશ્રી

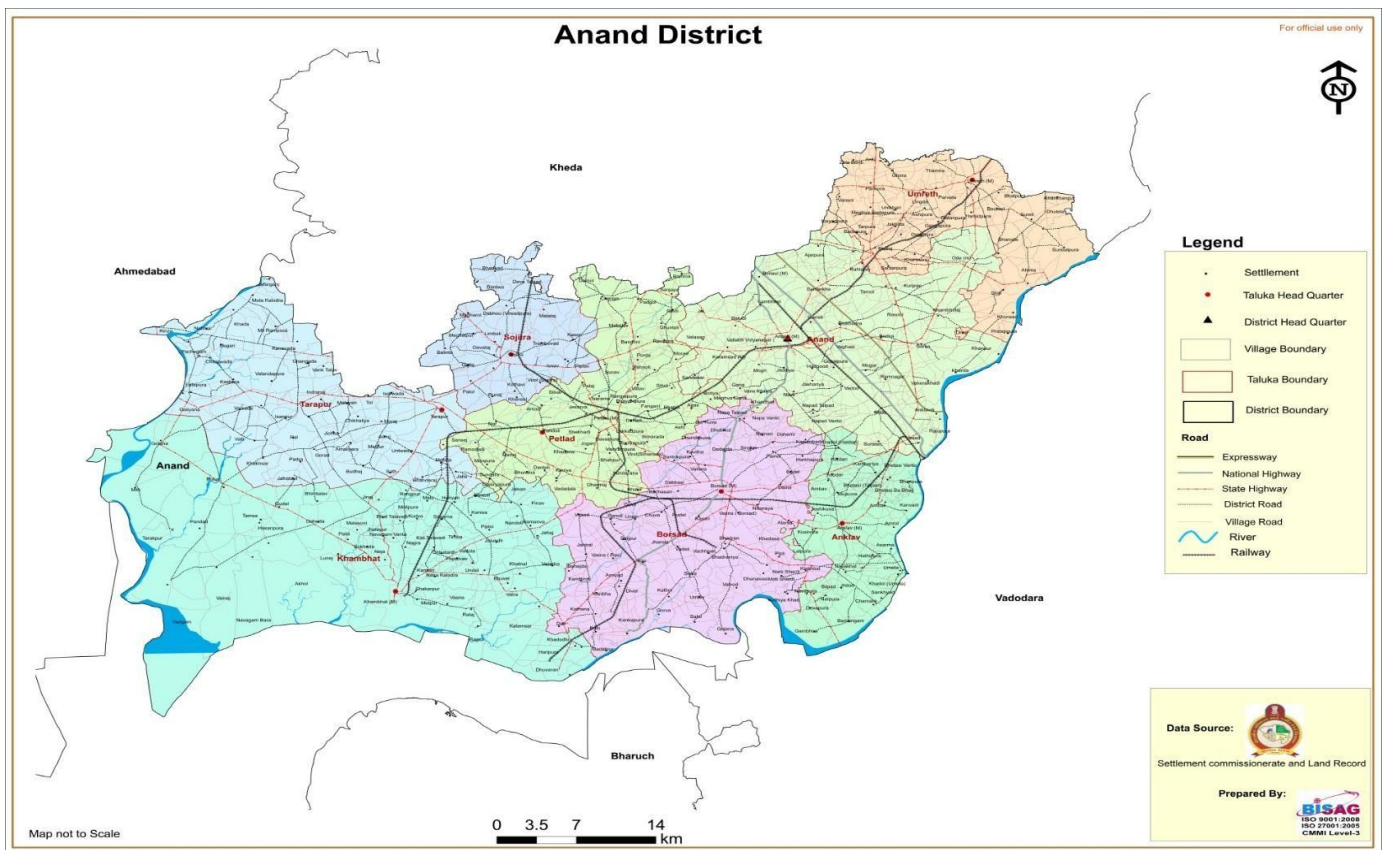
ક્રમ	કચેરી	નામ	લેન્ડ લાઇન	મોબાઇલ
1	આણંદ	શ્રી ઘવલભાઈ પટેલ	(O)02692-241950 (F)02692-241900	75670 19527
2	ઉમરેઠ	શ્રી મુકેશભાઈ જે. મકવાણા	(O)02692-278001 (F)02692-278240	75750 15552
3	બોરસદ	શ્રી સતીષ એમ. પટેલ	(O)02696-221066 (F)02696-223849	75670 12295
4	આંકલાવ	શ્રી રાહુલ ત્રિવેદી	(O)02696-282879 (F)02696-282879	9824110258
5	પેટલાદ	શ્રી મનહરસિંહ સોલંકી	(O)02697-224017 (F)02697-224797	81406 60577 7046103711
6	સોજિત્રા	શ્રી નીમેષકુમાર પટેલ	(O)02697-234300 (F)02697-256005	75670 12379
7	તારાપુર	શ્રી ભરત પટેલ	(O)02698-255343 (F)02698-256005	7567012110 8200595681
8	ખંભાત	શ્રી મહિપાલસિંહ વાઘેલા (i/c)	(O)02698-221345 (F)02698-221127	75670 12328

Taluka Health officer Contact Details

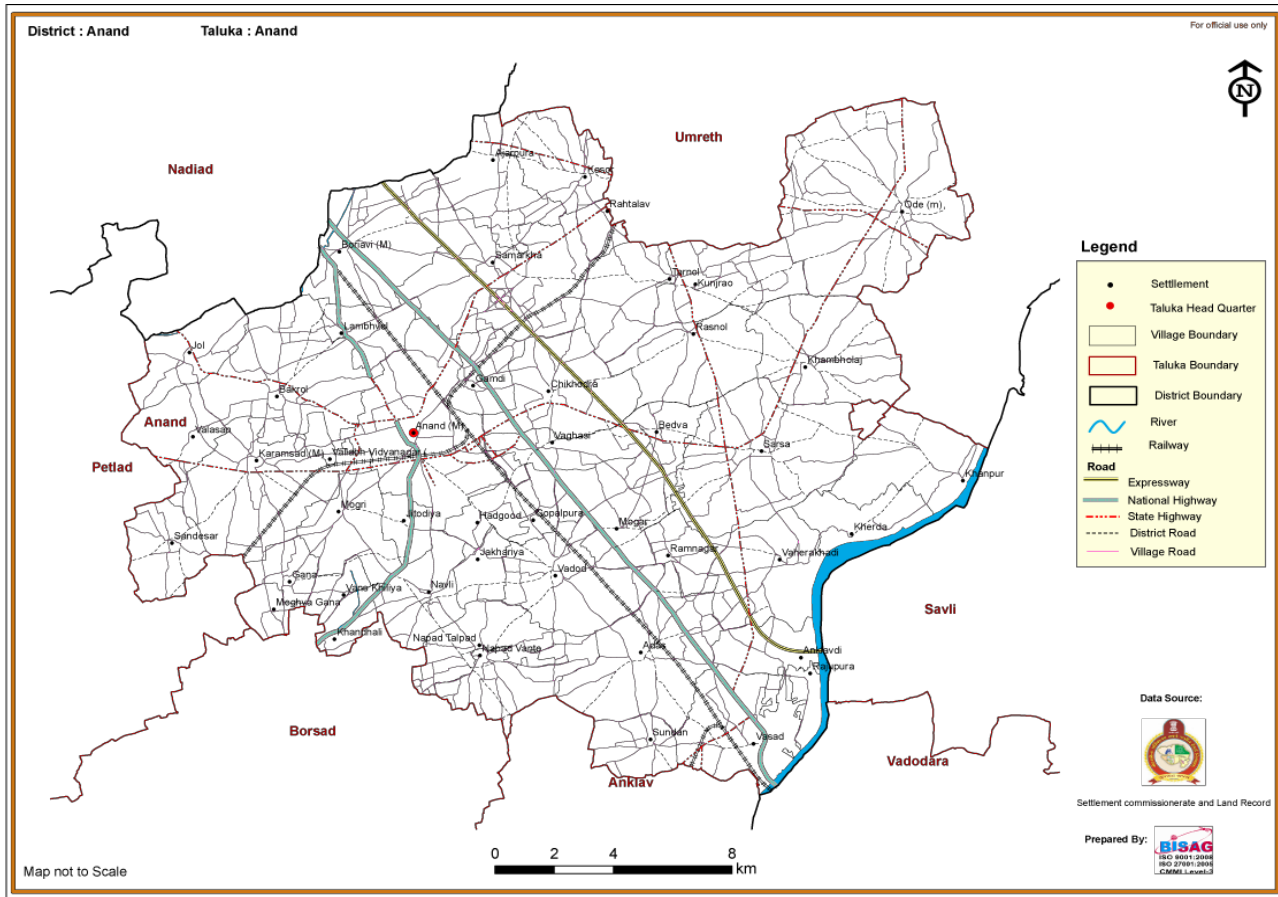
Taluka Name	Designation	Name	Mobile no.
Anand	THO Anand	Dr. K.D.Pathak	7567870031
Umreth	THO Umreth	Dr. Darshit Patel	7567870024
Borsad	THO Borsad	R K ZULA	6357445298
Anklav	THO Anklav	R B PARMAR	7567870021
Petlad	THO Petlad	Dr. Isarwadiya	9428070788
Sojitra	THO Sojitra	I K Prajapati	7567870022
Khambhat	THO Khambhat	M A PRAJAPATI	9714121649
Tarapur	THO Tarapur	M M PARMAR	6357445412

Police Station Contact Details					
No	Police Station Name	Officer Name	Office No.	Mobile No.	E-Mail
1	Anand Town	Shri. V.D.Zala	02692 241233 63596 26451	9426526559	polstn-anand@gujarat.gov.in
2	Anand Rural	Shri. S.G.Solanki	02692 252450 63596 26457	9879598198	polstn-rural-anand@gujarat.gov.in
3	Vidyanagar	Shri.D.R.Gohil	02692-230100 6359626460	9979848486	polstn-vidya-anand@gujarat.gov.in
4	Umreth	Miss.S.H.Bulan	02692 276033 63596 26468	9099935642	polstn-umreth-anand@gujarat.gov.in
5	Vasad	Shri.J.K.Dodiya	02692 274245 6359626474	9687957632	polstn-vasad-anand@gujarat.gov.in
6	Khambhodaj	Shri. Shri.V.R.Ulva	6359626470	9909018934	polstn-kham-anand@gujarat.gov.in
7	Petlad Town	Shri..A.V.Parmar	02697-224033 63596 26476	9913308626	polstn-petlad-anand@gujarat.gov.in
8	Petlad Rural	Shri.M.H.Desail	02697 224133 63596 26482	9714714565	polstn-petladrl-and@gujarat.gov.in
9	Borsad Town	Shri.P.B.Jadav	02696 220180 6359626487	8140639111	polstn-borsad-anand@gujarat.gov.in
10	Borsad Rural	Shri.D.R.Chaudhry	02696 220340 6359626490	7016660710	polstn-borsad-rural-anand@gujarat.gov.in
11	Bhadarn	Shri.P.N.Gameti	02696 288633 6359626494	9925633219	polstn-bhadran-anand@gujarat.gov.in
12	Anklav	Shri.P.J.Batava	02696 282633 6359626496	9925265656	polstn-anklav-anand@gujarat.gov.in
13	Mahelav	Shri.G.S.Gadhvi	02697-247733 6359626498	9726322096	polstn-mahelav-anand@gujarat.gov.in
14	Khambhat City	Shri.V.P.Chauhan	02698 221133 63596 26501	9979952098	polstn-khambat-anand@gujarat.gov.in
15	Khambhat Rural	Shri.P.H.Nai	02698 221504 6359626507	9825692592	polstn-khamrl-anand@gujarat.gov.in
16	Tarapur	Shri.K.D.bhrambhatt	02698 255617 6359626513	9574211177	polstn-tarapur-anand@gujarat.gov.in
17	Virsad i/c	Shri.J.K.Bharvad	02697 244433 6359626510	7878662311	polstn-virsad-anand@gujarat.gov.in

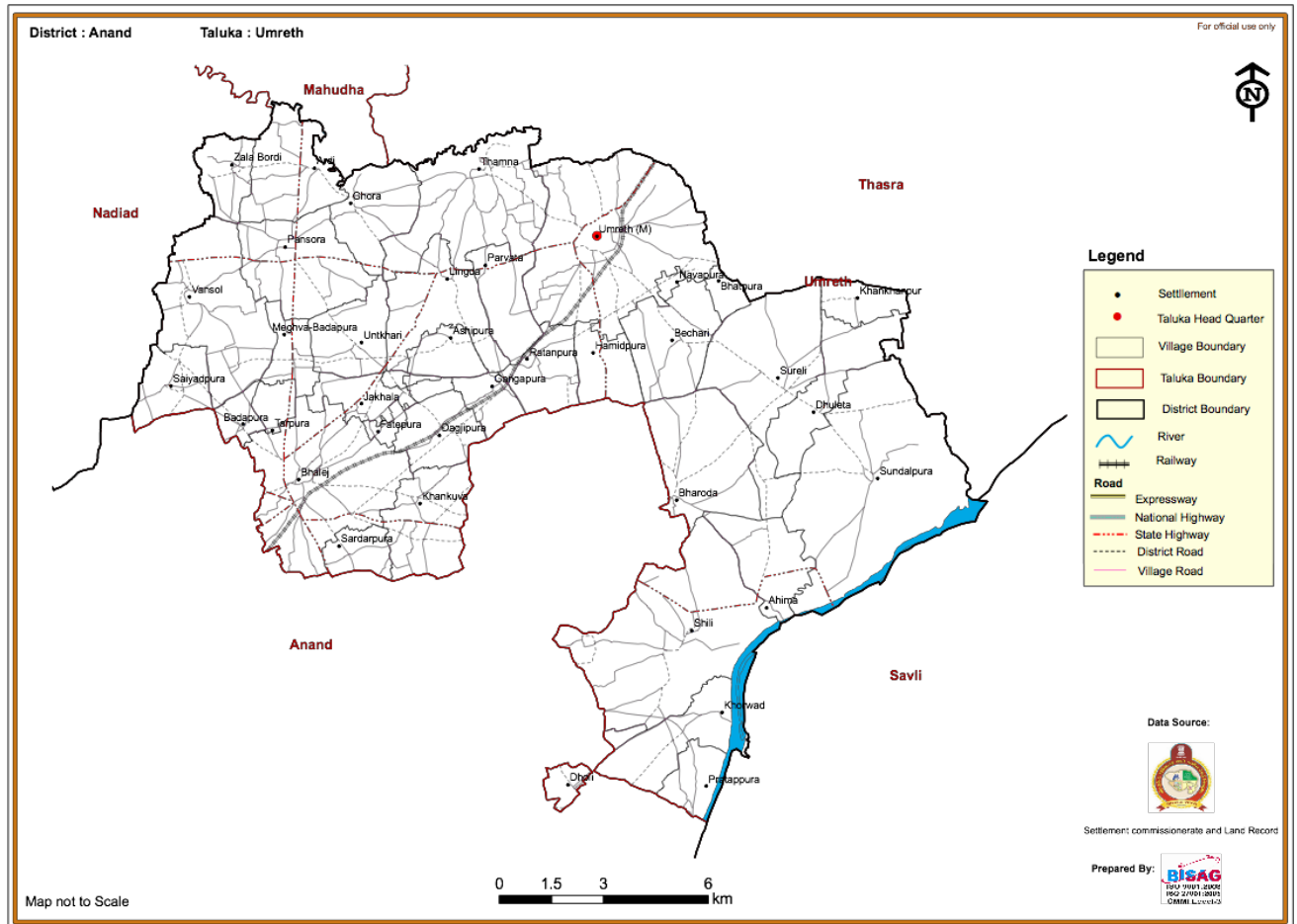
Annexure 20: Map



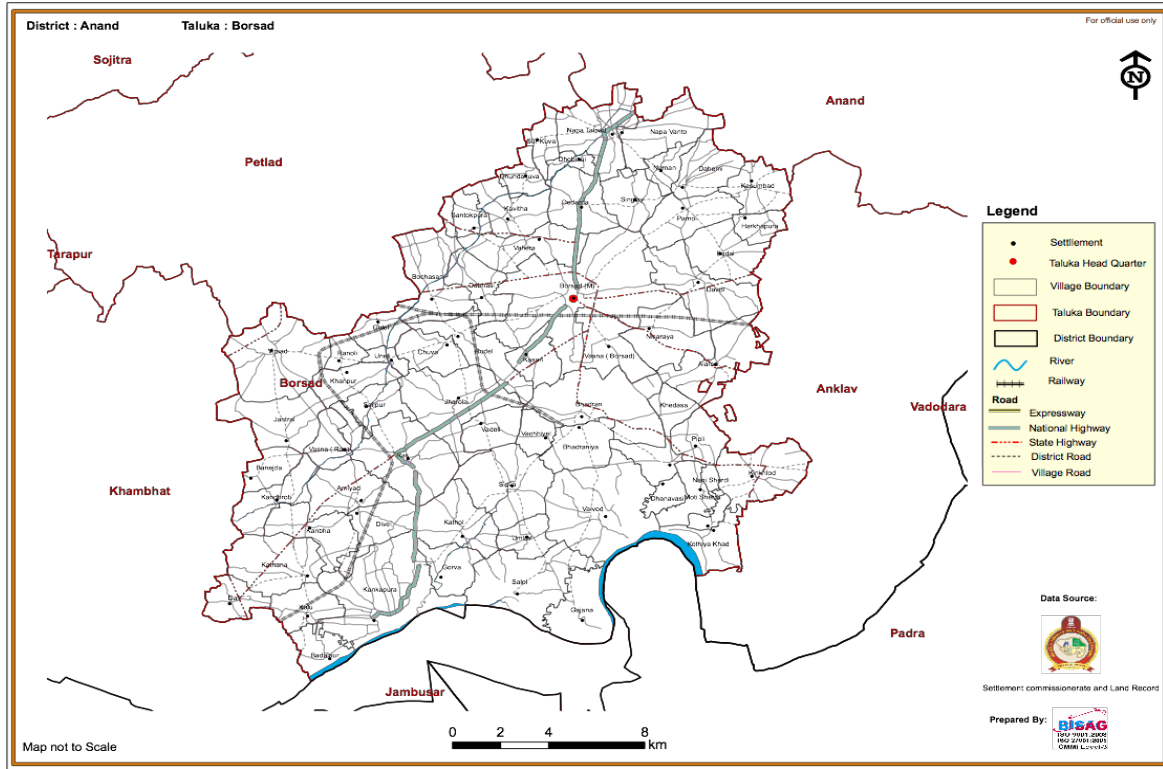
Anand Taluka Map



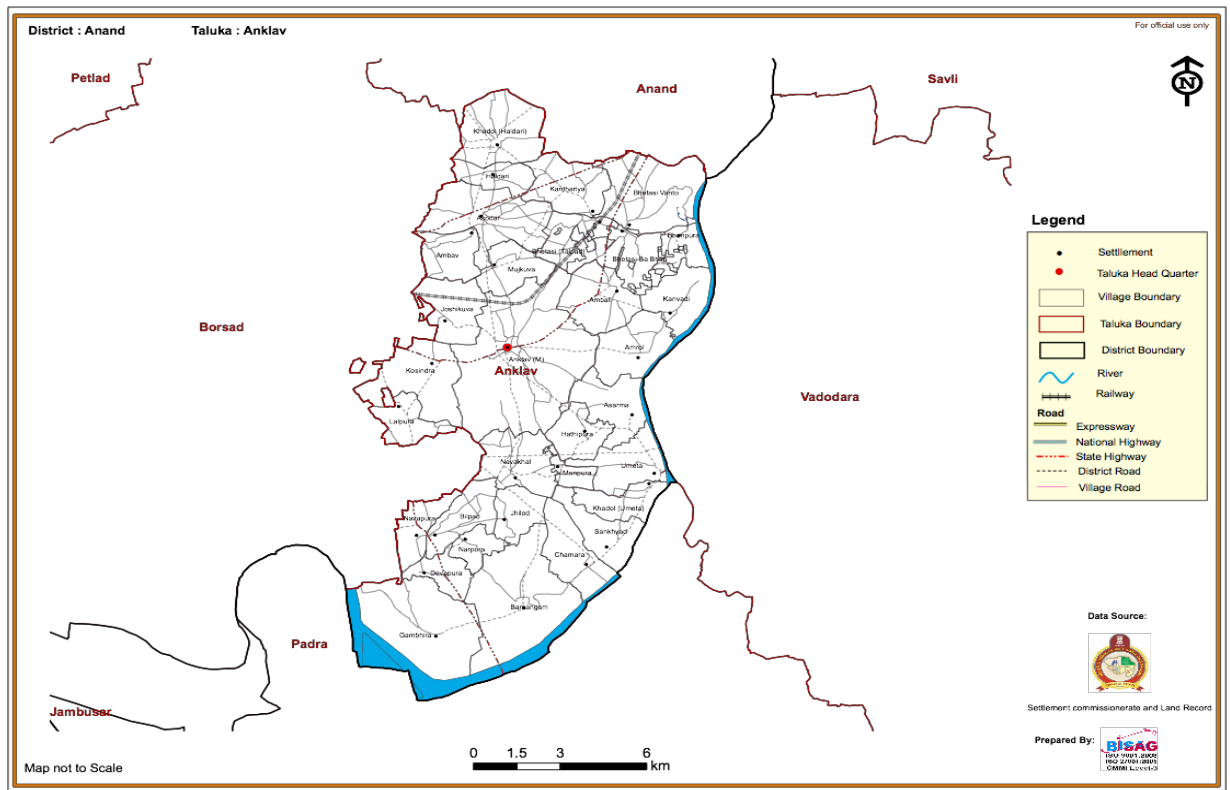
Umreth Taluka Map



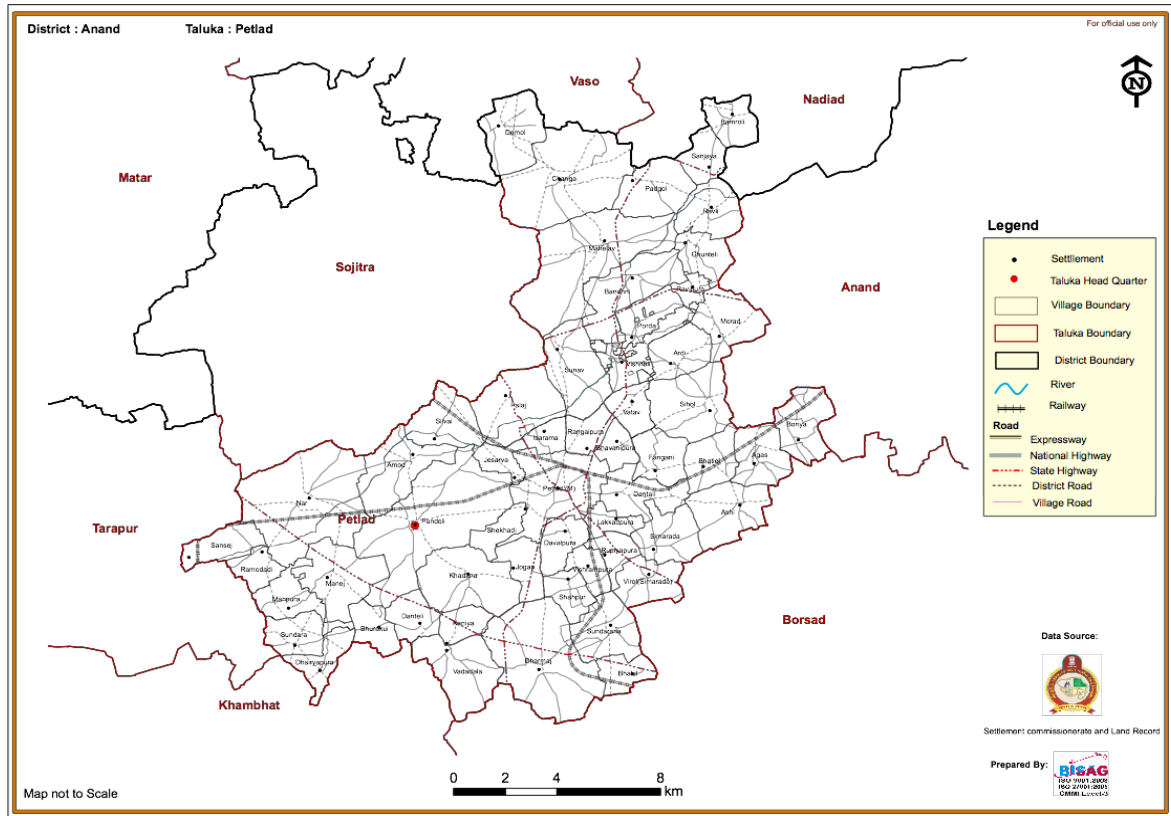
Borsad Taluka Map



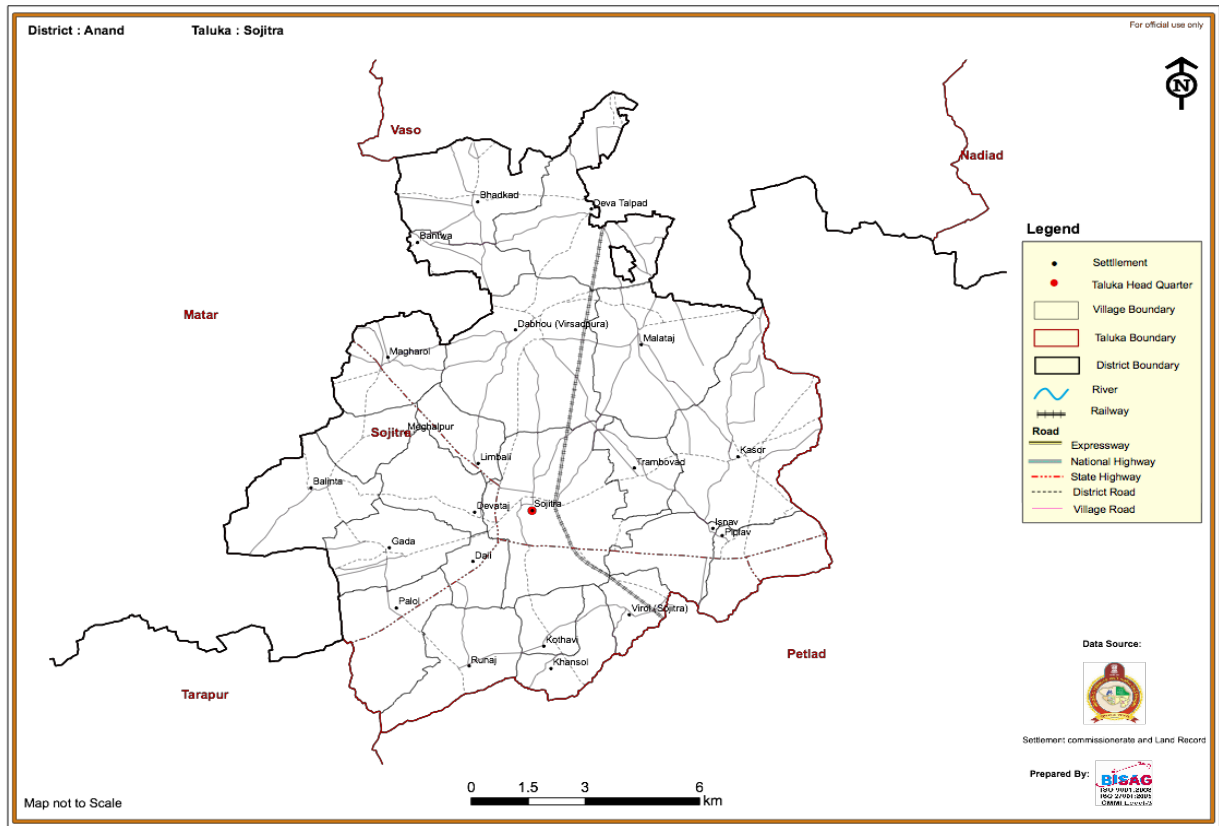
Anklav Taluka Map



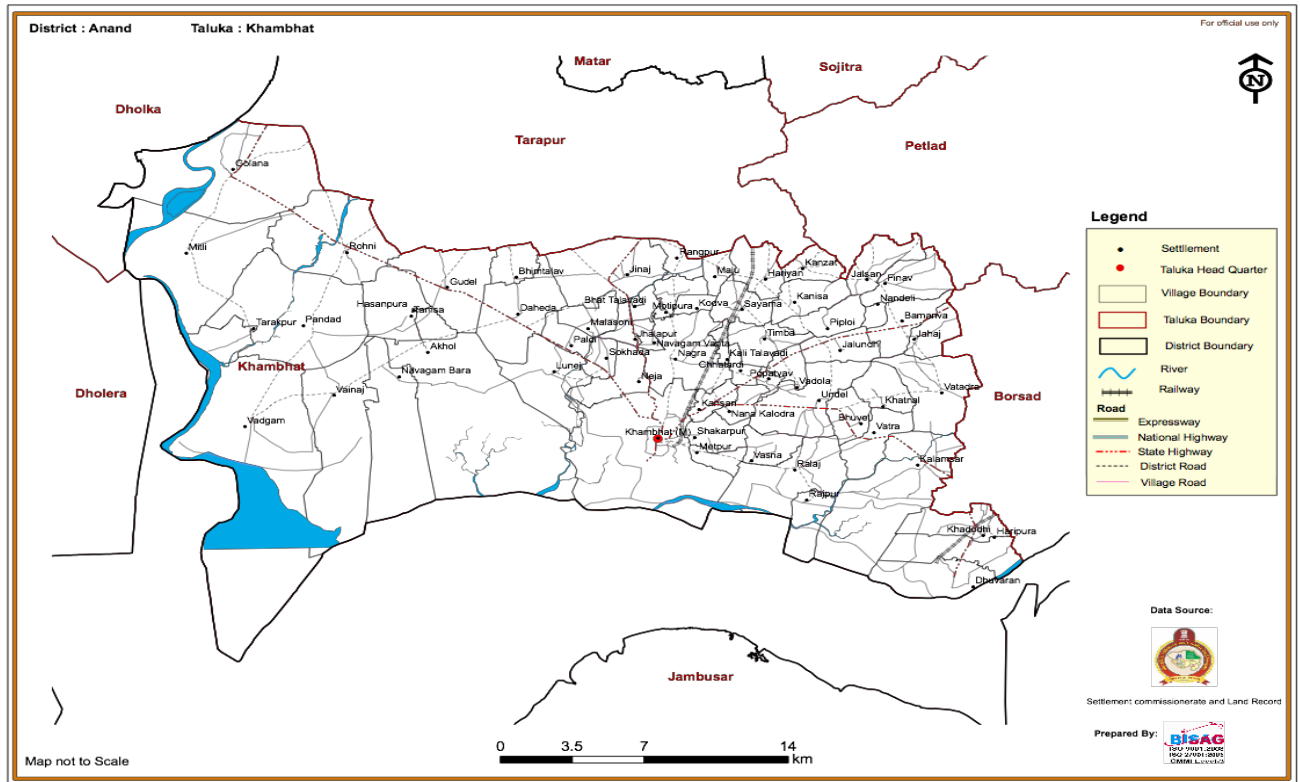
Petlad Taluka Map



Sojitra Taluka Map



Khambhat Taluka Map



Tarapur Taluka Map

