

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

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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 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:

- Defining the Risks and Vulnerabilities of citizens of the district to different disasters;
- Identifying private and public sector stakeholders with prime and supporting responsibilities to reduce or negate these vulnerabilities;
- 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:

- At the Village (VDMP) and Taluka level (TDMP);
 - For major industrial sites located in the district (Off-site Emergency plan for Industrial Accidents available with DISH);
 - Through Standard Operating Procedures (SOPs) of Line Departments detailing how specific disaster response actions will be accomplished.
- 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 into 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

L 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.

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:

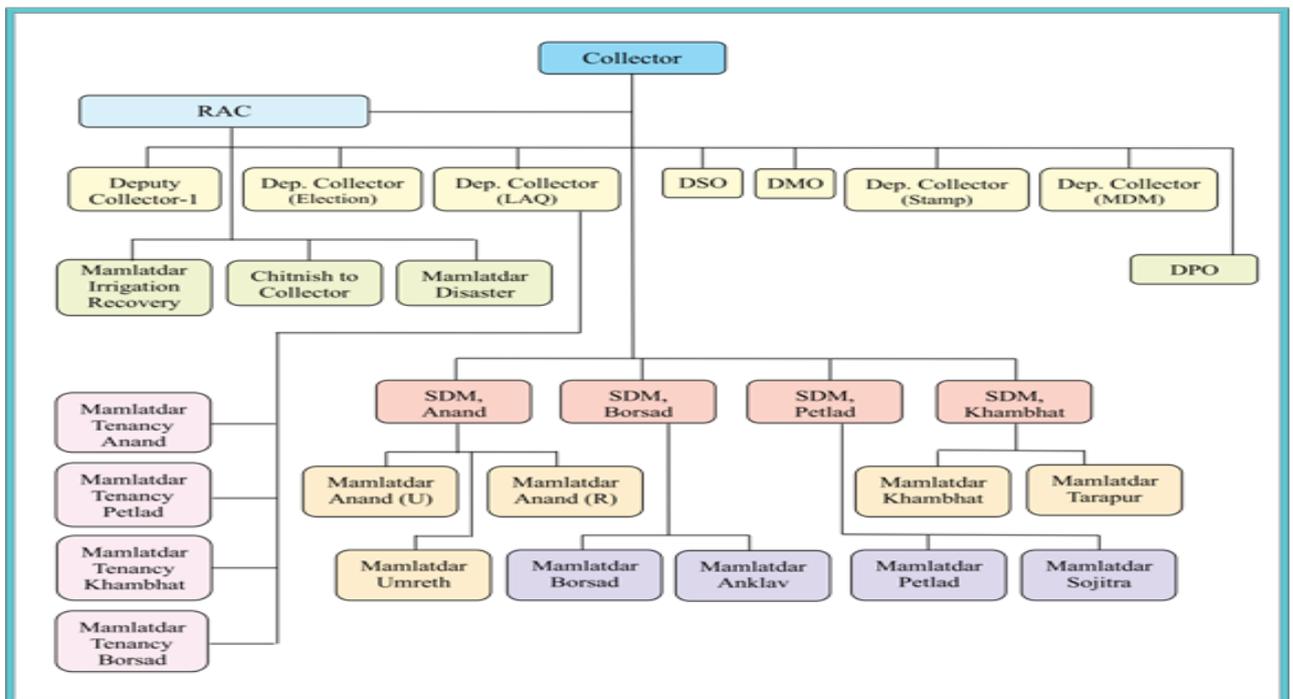
- When significant changes occur in the nature of hazards
- Lessons learnt following any major disaster
- When there is any significant change to the organization or responsibilities of primary members of the task forces defined in the plan.

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:

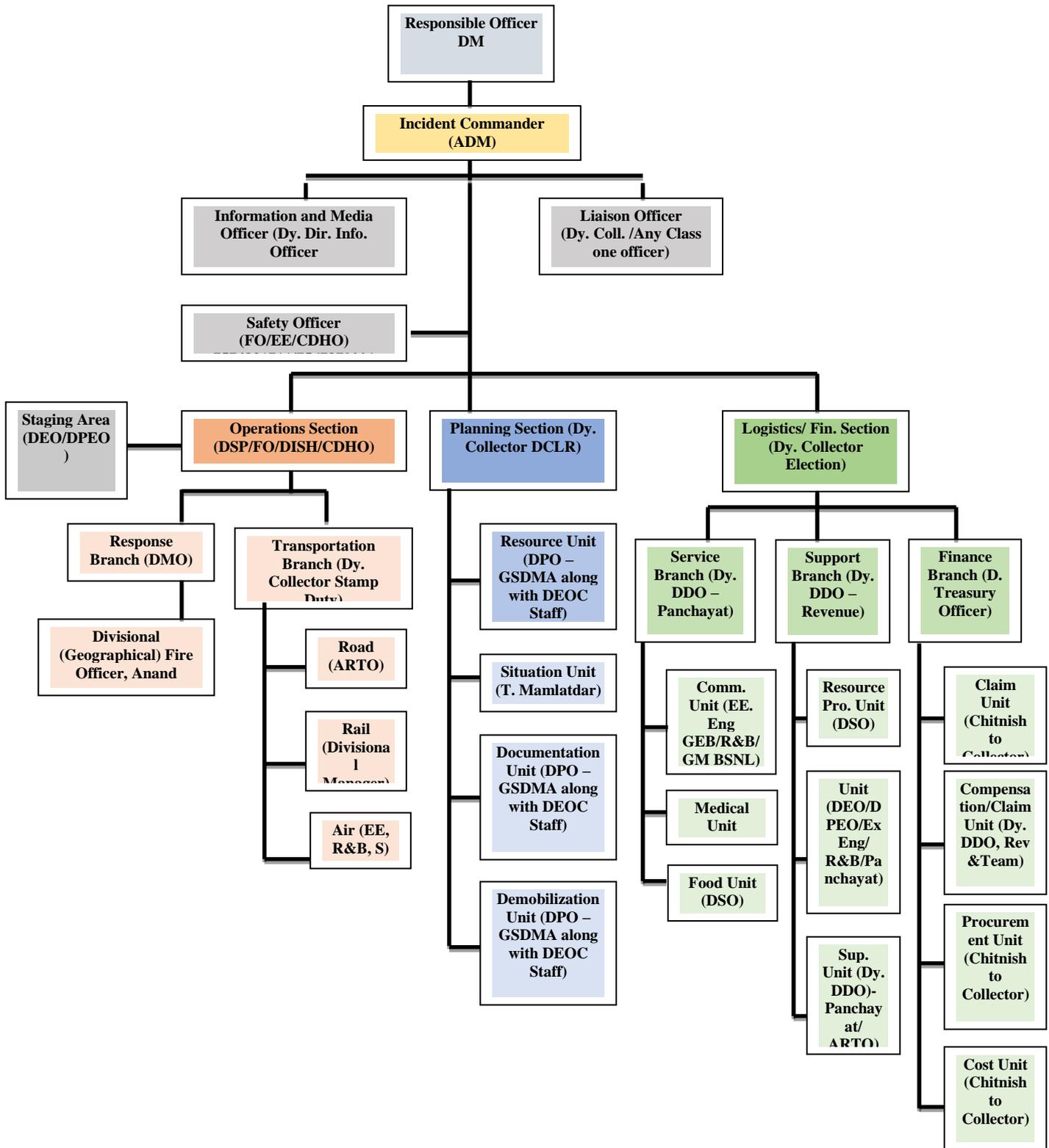
It shall consist of the Chairperson and a maximum of 7 other members as may be prescribed by the State Government, and unless the rules otherwise provide. As per the Act, it shall consist of the following persons:

- 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: IRTFramework

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 of ESF

ESF along with appointed officials from the primary and secondary agencies with Functions				
ESF No.	ESF Name	Function Lead and Department	Support Departments/Agencies	Functions during Emergency
ESF 01	Communication	EOC/Dept. Science & Technology	<ul style="list-style-type: none"> • BSNL/Other Service provider, • All India Radio/Television • Satellite • Mobile • Ham Radio • Police/Wireless (POLNET) 	<ul style="list-style-type: none"> • 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
ESF 02	Search and Rescue	S.P. (Police Department)	<ul style="list-style-type: none"> • Fire officer, Fire services • Home Guards • Gram Rakshak Dal • NSS/NCC/NYKS • SEOC • Parliamentary Forces- CRPF and SRP • NDRF • Air/Army 	<ul style="list-style-type: none"> • 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
ESF 03	Relief shelter and	RAC/Liaisoning officer	<ul style="list-style-type: none"> • Panchayat • Food and Civil Supply (DSO) • Home Guards • Education • ICDS • R&B • Red Cross Society • Industries/CBO • NCC/NSS/NYKS 	<ul style="list-style-type: none"> • 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 youth to carry out those rescued to relief and

				<p>sheltercamps</p> <ul style="list-style-type: none"> • To maintain records of names, villages, Panchyatas and Talukas to which the victims belong • To setup latrine and bathrooms • To take special care of Children, women, old and disabled, especially those separated families. • To set up disaster relief center to receive, collect, sort out and distribute relief materials • To organize proper supply chain to reach the same to victims.
ES F 04	Health and Sanitation	Civil Surgeon, Health Department	<ul style="list-style-type: none"> • Hospitals • Nagarpalika/Municipal Corporation • Red Cross Society • Civil Defence 	<ul style="list-style-type: none"> • To check the equipment's and stock of medicines • To teams formation of medical personnel • To organize first aid providing team in large number • Public health advice and warnings to participating agencies and the community • To organize mobile medical van to attend to emergency needs • To carry medical camp setting

ESF along with appointed officials from the primary and secondary agencies with Functions				
ESF No.	ESF Name	Function Lead and Department	Support Departments/Agencies	Functions during Emergency
				<p>facilities</p> <ul style="list-style-type: none"> • To keep an eye on the possibilities of outbreak of epidemics. • To include locally available medical staff in health checkup exercise. • To keep record of patients treated.
ESF 05	Livestock Shelter and Fodder	Dept. of Animal Husbandry	<ul style="list-style-type: none"> • Veterinary Hospitals • Fodder Suppliers • Panjarapol 	<ul style="list-style-type: none"> • 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.
ESF 06	Drinking Water and Supplies	GWSSB, Water Supply	<ul style="list-style-type: none"> • Minor Water Resources • DRDA • Electricity Department • Corporate Support • NGOs 	<ul style="list-style-type: none"> • 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.
ESF 07	Power	Executive Engineer, MG VCL/DGVCL	<ul style="list-style-type: none"> • Genset Suppliers • Other Power generation providers 	<ul style="list-style-type: none"> • 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.

ES F 08	Transport	RTO	<ul style="list-style-type: none"> • ST(state transport) • Private Transport Carriers • Private Boat Owners • Ambulance Service • Railways • Air Force 	<ul style="list-style-type: none"> • 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
ES F 09	Public Works	R & B , Nagar Palika	<ul style="list-style-type: none"> • Panchayat • Health • Education • ICDS • Police • Water Supply 	<ul style="list-style-type: none"> • To restore the road connectivity. • To construct temporary bridges where required • To organize repairing of health center, schools, important buildings • To undertake supervision and surveillance of construction works
ES F 10	Removal and Clearances	R & B , Nagar Palika	<ul style="list-style-type: none"> • Revenue • Civil Surgeon, Health • Department • R & B • Home Guards • Police • Community • NCC / NSS / NYKS 	<ul style="list-style-type: none"> • To organize voluntaries for removal of dead bodies both human and animal. • To organize local force for clearing debris of building, bridges, road etc. for reconstruction • To organize local for chopping and removing of fallen trees etc. • To organize burning or burying of the dead bodies
ES F 11	Information Dissemination and	Information Dept.	<ul style="list-style-type: none"> • Revenue • Panchayat • Police • Media 	<ul style="list-style-type: none"> • To gather correct information from authorities on site. • To keep the list of persons rescued with full details.

ESF along with appointed officials from the primary and secondary agencies with Functions				
ESF No.	ESF Name	Function Lead and Department	Support Departments/Agencies	Functions during Emergency
	Helpline		<ul style="list-style-type: none"> • Colleges and Universities • NCC / NSS / NYKS 	<ul style="list-style-type: none"> • To keep the list of persons missing. • To keep the no. of dead bodies and the locations they have been put. • To keep a track of which team is positioned with location. • To make use of the public address system to call anybody • To schedule working in short duration Evacuation & Shelter.
ES F 12	Dam Age Assessment	DDO	<ul style="list-style-type: none"> • Dept. of Agriculture • DRDA • Nagarpalika • Civil Surgeon, Health • Dept. • Animal Husbandry • Water Supply • DGVCL • Line Departments for departmental loss 	<ul style="list-style-type: none"> • 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
ES F 13	Relief Material Management	RAC/Additional Collector (District Nodal Officer) Disaster Management	<ul style="list-style-type: none"> • District Warehouses • NCC / NSS / NYKS • NGOs / CBOs • Merchant Association • Industrial Association • Hotel Association 	<ul style="list-style-type: none"> • To set up Relief Material management camp on site 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.

ES F 14	Media	Information Dept.	Disaster Management Dept.	<ul style="list-style-type: none"> 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.
ES F 15	Law and Order	Superintendent of Police, Police Dept.	<ul style="list-style-type: none"> Revenue Home Guards Commandant Para-military (CRPF, SRP) Armed Forces 	<ul style="list-style-type: none"> 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.

ESF along with appointed officials from the primary and secondary agencies with Functions

ESF No.	ESF Name	Function Lead and Department	Support Departments/Agencies	Functions during Emergency
				<ul style="list-style-type: none"> Coordination of search and rescue & Security of evacuated areas

Chapter 2 - District Profile

2.1 District Profile

Total no. of Revenue Villages: 364
 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 Details

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

		Description	2011	
		Actual Population	2092745	
		Male	1087224	
		Female	1005521	
No. of villages below 2000 population	No. of villages with population above 2000 and below 5000	No. of villages above 5000 population	Population Growth (%)	12.70
			Area Sq.Km	2941
			Density/km ²	712
			Proportion to Gujarat Pop.	3.46
			Sex Ratio (per 1000)	925
			Child Sex Ratio(0-6yrs)	884
			Average Literacy (%)	84.37
			Male Literacy (%)	91.82
			Female Literacy (%)	76.36
			Total Child Pop(0-6yrs)	254008
			Male(0-6yrs)	134827
			Female(0-6yrs)	119181
			Literate Population	1551253
Male Literates	874481			
Female Literates	676772			
Child Proportion(0-6yrs) in District %	12.14			
Boys Prop(0-6yrs)	12.40			
Girls Prop(0-6yrs)	11.85			

(Source: Census 2011)

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

No of Villages	No of Panchayats		Total HHs	No of SC HH	No of ST HH	N S E	
	Village Panchayats	Group panchayats					
365	35 4	1 3	4257605	10664 5	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)	1194.80km
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	6808 2	00

In the district, as per the land use 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 ofIrrigation

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

2.4. Climatic Features

2.4.1. Annual average rainfall andtemperature

Average number of rainy days per year	183 days
Temperature (°C)	Max: 46 Min: 20.3

2.4.2. Rainfall Data of Anand District (2004 To 2020)

Sr.	Year	Anand	Umret h	Petlad	Sojitra	Borsad	Ankлав	Khambhat	Tarapur	Dist. Total	Year Wise Dist. Avg.
1	2004	821	650	835	517	741	822	552	492	5430	678.75
2	2005	1312	1269	1440	715	1733	2026	912	955	10362	1295.25
3	2006	1403	927	1001	652	1048	1369	715	999	8114	1014.25
4	2007	1108	623	1025	479	777	1037	1108	852	7009	876.125
5	2008	673	445	956	932	738	771	821	940	6276	784.5
6	2009	374	201	36	336	326	456	390	427	2546	318.25
7	2010	772	501	594	890	992	882	1116	826	6573	821.625
8	2011	689	470	659	800	760	1010	753	736	5877	734.625
9	2012	774	580	841	616	810	888	700	620	5829	728.625
10	2013	1168	867	763	1269	1306	1315	1508	1052	9248	1156
11	2014	1076	811	800	918	1400	1113	1164	703	7985	998.125
12	2015	658	391	688	357	430	269	521	448	3762	470.25
13	2016	593	513	464	379	449	393	765	376	3932	491.5
14	2017	641	548	806	803	846	681	621	773	5719	714.88
15	2018	1032	527	948	819	933	773	772	767	6571	821.375
16	2019	1533	954	1112	816	1366	963	1070	617	8431	1053.87
17	2020	1312	462	1064	998	1214	717	1022	1090	7879	972.5
	Taluka Total	15938	11762	14032	12297	15869	15485	14510	12673	111964	13995.5
	Taluka Avg.	937.5	691.8	825.4	723.36	933.4	910.8	853.5	745.4	13995.5	1385.30
	District Total	86159.87									

2.4. Occupational Activities

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

Major Crops	Kharif	Major Crops	Rabi	Major Crops	Summer
Rice		Wheat		Millet	
Millet		Chickpeas		Vegetables	

Tobacco	Mustard seeds	
Vegetables	Tobacco	
Banana	Vegetables	
Cotton		

2.4.2. 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

2.4.3. Poultry

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

2.4.4. Fisheries

Taluka	Name of Fishing Villages	No. of Families	Total Population	Active Fishermen
Marine Village Centres				
Khambhat	Khambhat	27 1	149 6	348
	Metpur	23	101	59
	Juniakhol	18	97	54
Estuarine Village Centres				
Khambhat	Vainaj	17	101	23
	Golana	56	276	62
	Mitavi	58	290	67
	Pandad	13 6	733	255
	Ralej	40	221	48
	Dhuvaran	45	206	93
	Vashana	30	149	30

Borsad	Badalpur	50	266	64
<i>Riverine Village Centres</i>				
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	11 2	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
<i>Freshwater Village Centre</i>				
Tarapur	Varasda	18 4	834	194

No. of simple fishing boats	16 8
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

2.6. Infrastructure and Essential Services

2.6.1. 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	28 1	0

2.6.2. Road /Railway and Transport

No. of villages with metal access road	230
No. of villages which usually are cut off for more than a day	19
Railway	Total 40 railway lines - Broad Gauge 147 km

2.6.3. HealthFacilities

CH C	PH C	District Govt. Hospital	Sub District Govt. Hospital	Veterinar y Dispensari es
13	53	1	1	11

2.7. EcologicalProfile

2.7.1. Wetlands

Total 713 wetlands have been mapped in Anand district, including 306 small wetlands (< 2.25 ha) 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)

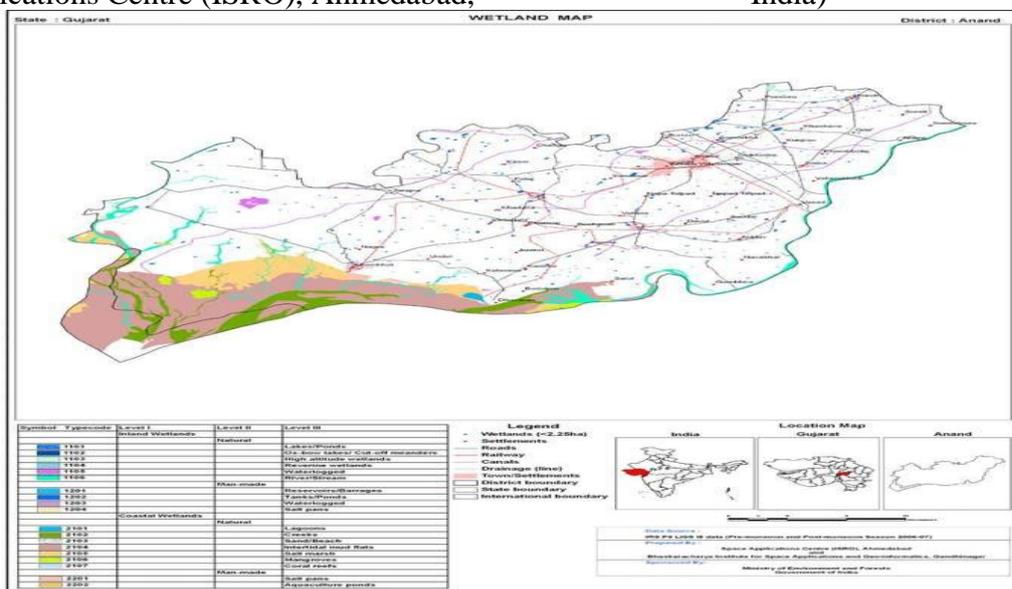
S. No	Wettcode	Wetland Category	Numbe r of wetlan ds	Total wetlan darea	% of wetlan darea	Open water	
						Pre monsoo n	Post monsoo n
	1100	Inland Wetlands – Natural					
1	1101	Lakes/Ponds	2	23	0.03	-	-
2	1105	Waterlogged	6	634	0.94	109	389
3	1106	River/Stream	16	6081	9.00	2640	2628
	1200	Inland Wetlands - 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
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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 cat, 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.

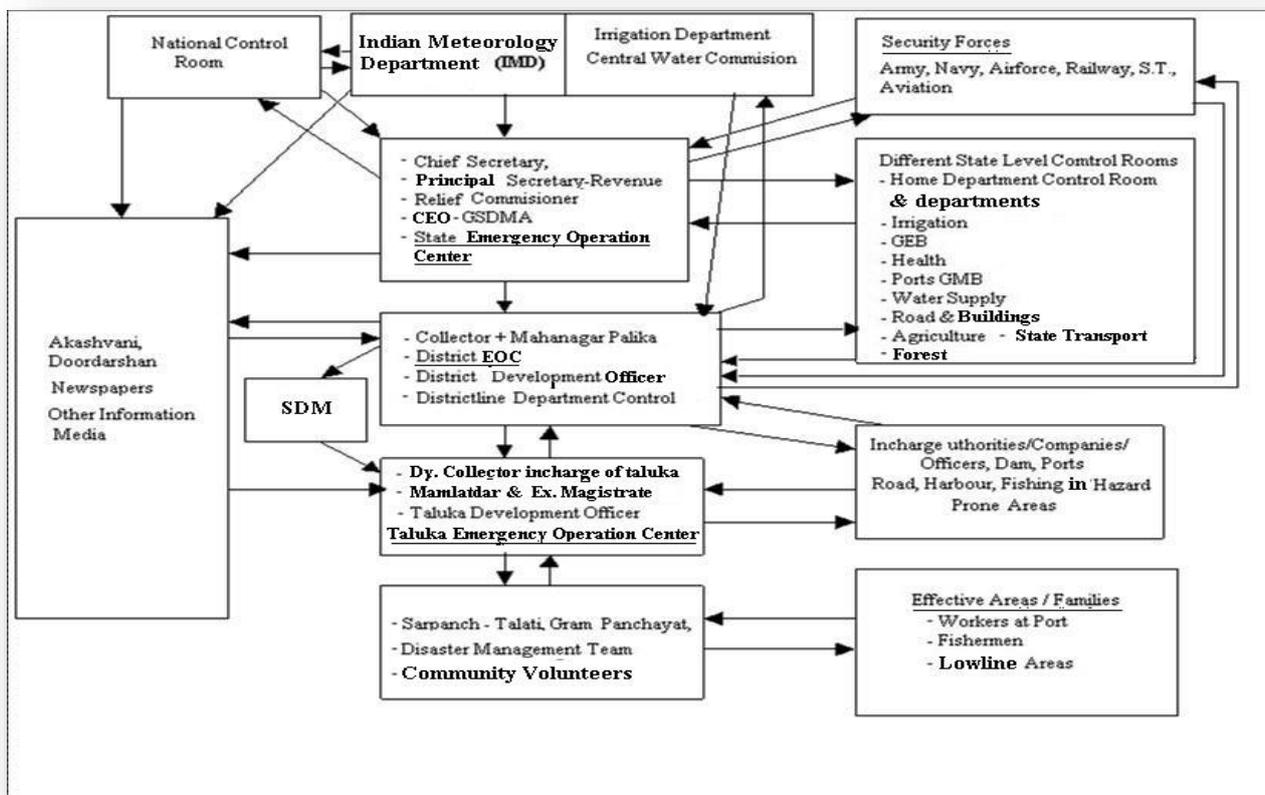
Chapter 3-Institutionalisation And Multi-hazard Response Measures

At the district level, the District Magistrate will be the focal point for coordinating all activities relating to prevention, mitigation and preparedness apart from his existing responsibilities pertaining to response and relief. The District Coordination and Relief Committee is being reconstituted/re-designated into Disaster Management Committees with officers from relevant departments being added as members. Because of its Enhanced mandate of mitigation and prevention, the district heads and departments engaged in development will now be added to the Committee so that mitigation and prevention is mainstreamed into the district plan. The existing system of drawing up preparedness and response plans will continue. There will, however, also be a long term mitigation plan. District Disaster Management Committees have already been constituted in Anand districts.

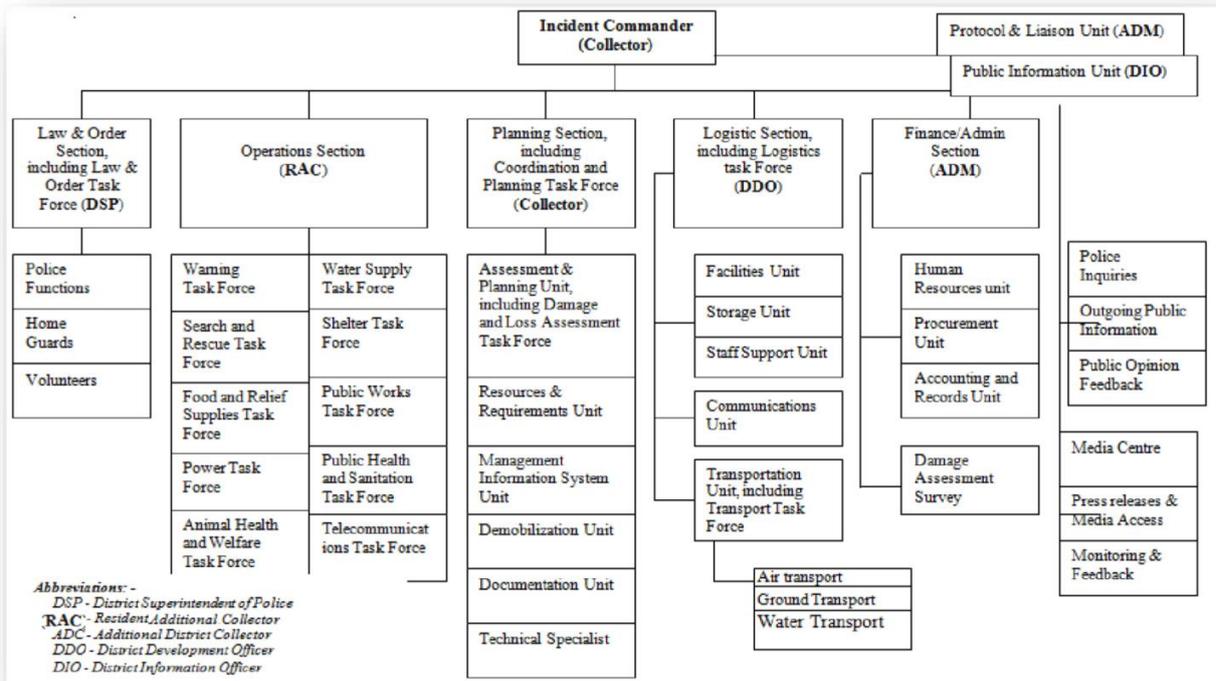
The model bye-laws, DM Policy, Act and model health sector plan have also been included. Education and Training includes material for capacity building and up gradation of skills of policy makers, administrators, trainers, engineers etc. in planning for and mitigating against natural disasters. Basic and detailed training modules in disaster preparedness have been incorporated along with training methodologies for trainers, for community preparedness and manuals for training at district, block, panchayat and village levels. For creating a disaster resistant building environment, the Construction Toolkit addresses the issue of seismic resistant construction and retrofitting of existing buildings. BIS Codes, manuals and guidelines for RCC, Masonry and other construction methodologies as also for repair and retrofitting of masonry and low-rise buildings have been included.

3.1 State Disaster Response Structure – Gujarat

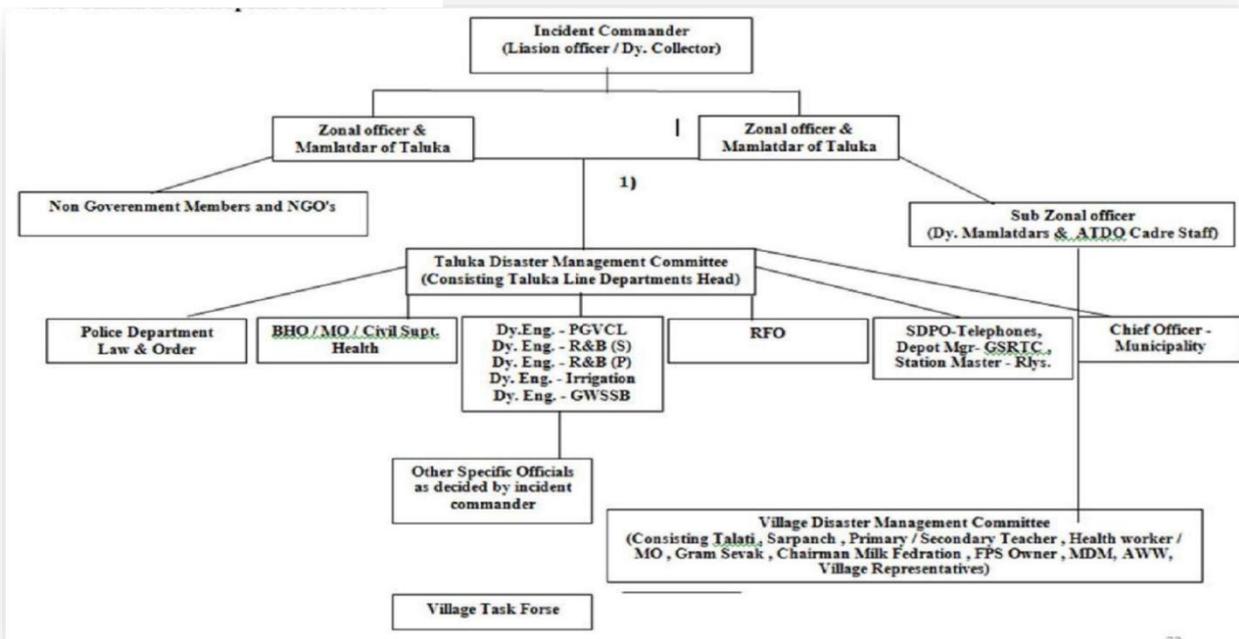
For effective response the Incident Command System (ICS), need to be put into place with clear responsibility. The commander for each tasks force need to be trained on the specific tasks. Incident Commander (IC) at block level instructs head of task forces to carryout emergency functions according to SOPs. Head of each task force reports to IC on progress



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
- Satellite Iridium
- One PC with e-mail, Internet and web site facilities
- Marker board - 2 Nos. with adequate markers
- Conference table with Chairs
- A copy of Disaster Management Plan
- Other relevant documents, if any
- Wireless set
- 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
 - Marker board (1)
 - 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)			

Bulk Voice SMS Service is the best means of communication to large masses without any effort and within no time. A voice recorded message from the District Magistrate from official number shall be sent to the database of numbers identified for information dissemination with the help of Mobile service providers & Telephone department.

During and Post Disaster Advisory Action Plan

Type of Hazard	Flood	Cyclone	Earthquake	Drought	Chemical and industrial accidents	Tsunami
Responsible Agency	Revenue & Panchayat 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 required for outreach	Contact of communities in remote locations (fisher folk, salt pan workers, Maldharis etc.)					

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 rumors and 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...

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.	VasadBridge,Anand	NAIH ManagerTech.Ahemdabad
7.	ShethiRiver Bridge	EE- ShedhiIrrig. Dn, Nadiad
8.	WasanaBarrage	EE Ahemdabad Irrigation Project Circle,Ahemdabad

(Annexure – H17)

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 shedhiriver), 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 whether 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
- 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:

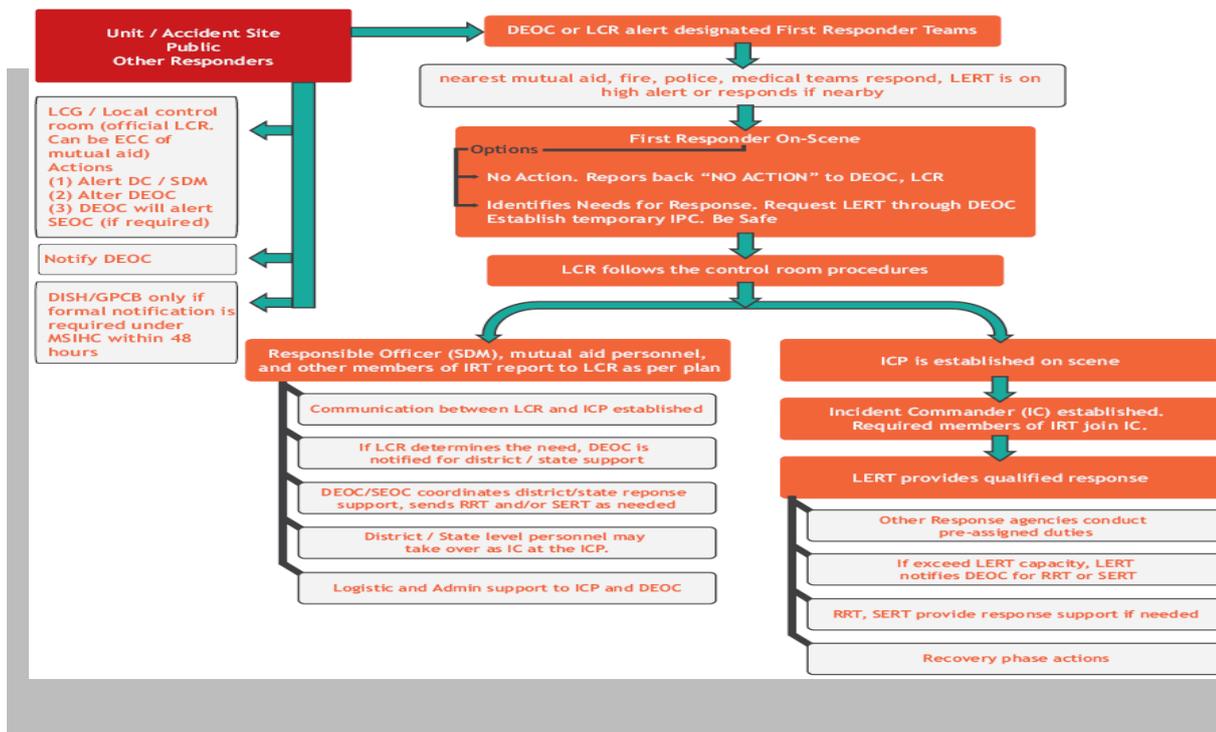
- The Gujarat Factories Rules 1963 under the Factories Act, 1948 as amended in 1995
- The Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended in 1994, 2000 and 2004
- The Public Liability Insurance Rules, 1991 as amended in 1992
- The Chemical Accidents (Emergency Planning, 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 coordinate 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. GEB	Ex. Engr., Dy. Engr. Technical, GEB, 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.
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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.)
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)	
D-48 to 24 hours (Before 2 days of Disaster)	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)

	<p>Seek information about the latest situation about the hazard and inform the evacuation team</p> <p>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)</p> <p>Develop alternate route with the evacuation team to reach the locations in case there is chance of damage to the roads, bridges etc.</p> <p>Report on effective communication of early warning to the vulnerable groups like fisher folks, dalits, tribal, pastoralists etc.</p>
D-24 to 12 hours	<p>Develop/update about ensuing hazard</p> <p>Dispatch warnings in local language about the latest situation using mediums as mentioned above.</p> <p>Provide detailed information about the hazard situation to rescue task force and other task forces</p> <p>Ensure that the latest early warning has reached the last mile</p> <p>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</p> <p>Create support mechanisms for food, shelter and safety of the rescue team</p> <p>Monitor the movements and the activities of each rescue team and report to the higher authority in every six hours</p>
D-12 to 0 hours	<p>Ensure continued dissemination of warning messages</p> <p>Monitor the situation and provide latest report to the higher authorities including Chief Secretary COR, and GSDMA</p>
D+ 1 to + 12 hour	<p>Monitor the activities of the rescue team and develop a list about new requirements in terms of machinery, skilled persons, medicines etc.</p> <p>Mobilize the needed requirements and dispatch to the designated locations</p> <p>Authorize officials to coordinate with the police and local leaders for disposal of dead bodies (panchanama, autopsy, burying/cremation as per customs)</p> <p>Liaise with DEOC for additional requirements for food and water supplies and other requirements</p> <p>Create multiple teams so that the earlier team can be relieved from duty for rest</p>
D+12 to D + 24 hour	<p>Continue search and rescue, and arrange transit service for affected population to evacuation centers/ hospitals or at relief camps</p> <p>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.</p> <p>If required organize aerial reconnaissance</p> <p>Establish Information/ reception centers and setting up telephone help line numbers</p> <p>Organize cluster level meetings with local people to monitor the status and send report to District Head Quarter every evening.</p>

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
	Monitor readiness at local level and report to Incident commander (i.e., based on proper acknowledgment from local teams)
D+24 and ahead	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	Estimate personal and resources needed to conduct their damage assessment

hour	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
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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

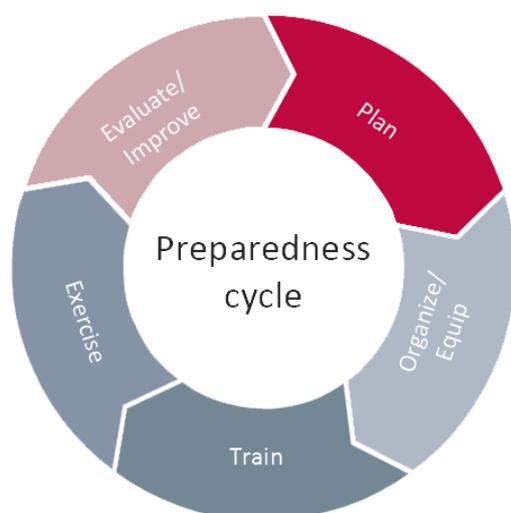
Task Force 8: Animal health and welfare

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	Review of response

(D+72 and onwards)	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 Anand 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 Anand, 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-Bhanderaj Drain	Kasor(Bh alej)	Anand	Dy.Engineer Sub Div Anand
2	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Kunjarav	Anand	Dy.Engineer Sub Div Anand
3	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Gamdi	Anand	Dy.Engineer Sub Div Anand
4	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/ Karmsad-Bhanderaj Drain	Anand	Anand	Dy.Engineer Sub Div Anand
5	Aannd – Mogri Drain / Samrkha –Lambhvel Drain/	VV	Anand	Dy.Engineer Sub Div

	Karmsad-Bhanderaj Drain	Nagar		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	Balinta	Sojitra	Dy.Engineer Khambhat	Sub	Div

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

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

	Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain							
88	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Kanisa	Khambhat	Dy.Engineer Khambhat	Sub	Div		
89	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Jalundh	Khambhat	Dy.Engineer Khambhat	Sub	Div		
90	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Piploi	Khambhat	Dy.Engineer Khambhat	Sub	Div		
91	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Jalasan	Khambhat	Dy.Engineer Khambhat	Sub	Div		
92	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Finav	Khambhat	Dy.Engineer Khambhat	Sub	Div		
93	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Jinaj	Khambhat	Dy.Engineer Khambhat	Sub	Div		
94	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Bamnava	Khambhat	Dy.Engineer Khambhat	Sub	Div		
95	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Jahaj	Khambhat	Dy.Engineer Khambhat	Sub	Div		
96	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Bhat talavdi	Khambhat	Dy.Engineer Khambhat	Sub	Div		
97	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	Mobha	Tarapur	Dy.Engineer Khambhat	Sub	Div		
98	Jalsan –Fianv Drain/Tarapur-Moraj-Jichka Drain/Gada-Sijivada Drain/Dali Paloli Drain/B.T.L.Drain/ Alang Corse Part 1-6 Drain	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 Anklav, Borsad, Anand Umreth Tarapur and Khambhat, Cyclone Prone area like Khmabhat and other is Chemical Disaster in Khambaht 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.

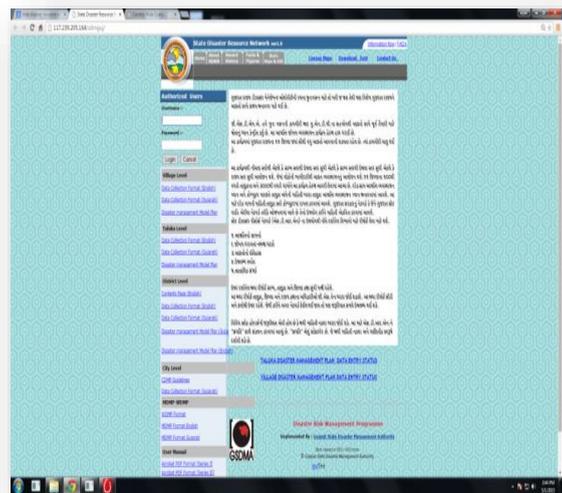
Hazard Manuals for Earthquake, cyclone, flood and industrial accidents have been developed and distributed to all the taluka/village/city officials in the Bharuch district. In addition, leaflets and do's and don'ts along with safety tips addressing fire, tsunami, flood, cyclone, flood, and industrial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

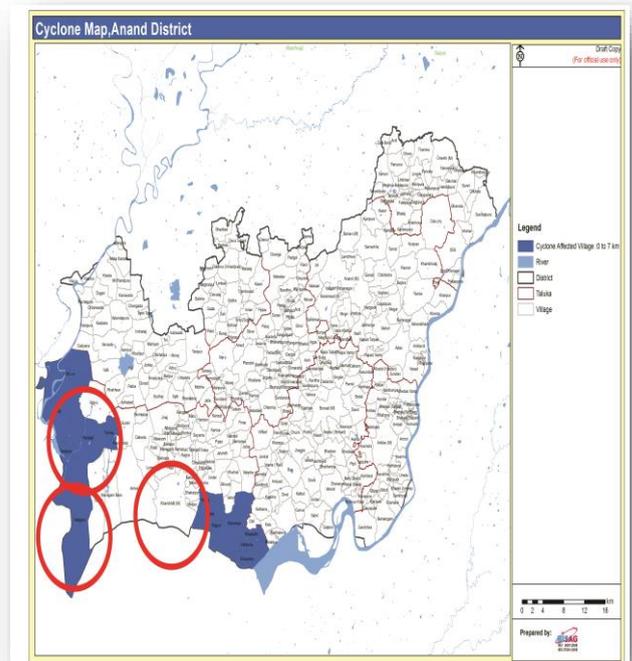
- Two important components
- Construction of Multi-Purpose Cyclone Shelters (MPCS)
- Construction and repair of missing roads
- will be implemented as part of NCRMP

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 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. IAY (Indira AwaasYojana) 2. SardarAwaasYojana 3. Other Housing Programmes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Rainwater Harvesting • Water recharge and conservation • Flood mitigation- retaining wall, strengthening Embankments etc.
Employment and NRM 1. Pradhan Mantri Gramodaya Yojana(PMGY) 2. Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) 3. Integrated Watershed Management Programme (IWMP)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Developing emergency plans and conduct mock drills in hospitals • Developing projects on community monitoring and Reporting inmajor health and food security schemes.

<p>Education Sarva Siksha Abhiyan (SSA)</p>	<ul style="list-style-type: none"> • 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).
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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 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 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 strata often faces 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 the 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 there is an adverse effect on their means 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 vested with the communities to make themselves 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 safe and 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 their 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 by the UNISDR (2009), 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 (NPDM), 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 areas 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.
- Government should give emphasis to restoration of permanent livelihood of those affected by disasters and to 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 mechanisms at the national, state, district, and local (urban and rural) levels that clearly define roles and responsibilities in recovery.
- 2) Coordination: There is considerable interdependence 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	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<p>Consultations and background studies on:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 • Shows 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								
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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							
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	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/Dying						
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 Arrangements	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 Department

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 over time 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	<ul style="list-style-type: none"> • 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

	<ul style="list-style-type: none"> • Ensure development of district, taluka and village, socially inclusive drought management plans <p>All district govt. departments/ agencies will mainstream disaster management</p>
Prevention or mitigation for disaster risk reduction	<ul style="list-style-type: none"> • Hazards, Risk, and Vulnerability Assessment • Human resource development • Training of both women and men as part of VDMCs regularly • 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)

<p>Effective preparedness and response</p>	<ul style="list-style-type: none"> • 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
<p>Training and Curriculum Development</p>	<ul style="list-style-type: none"> • 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 heat waves. • 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.

<p>Awareness Generation</p>	<ul style="list-style-type: none"> • Awareness about: <ul style="list-style-type: none"> - 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 tobuid 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
<p>Mock drills/ Exercises and Vocational Training/ Skill development</p>	<ul style="list-style-type: none"> • 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
<p>Empowering women, marginalised communities, SC/ST, and persons with disabilities</p>	<ul style="list-style-type: none"> • Include these groups inVDMC • All women rescue team –training • Make them aware about hazards, usage ofequipment • Incorporatinggendersensitiveandequitableapproachesincapacitydevelopment 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 tocommunities
<p>Community based disaster management and riskreduction</p>	<ul style="list-style-type: none"> • 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
<p>Recovery and build backbetter</p>	<ul style="list-style-type: none"> • 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 usefulessons

8.2 Role of local NGOs/CSOs

The role of Non –governmental organizations (NGOs) or Civil Society Organizations (CSOs) have multi-dimensional roles to play within the realm of DRR and Disaster Management. They are involved in advocacy, assessment processes, capacity building and knowledge management, in collaboration with the government and otherwise. Capacity development must take place at community, institutional and government levels. Apart from these local NGOs or 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 and early 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 mock drills 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 Assistant Collector, with designated nodal officers for the same in 2014 to undertake an overall 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 forth 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-2024

sr.no	(1) Life Jacket	(2) Life Bouya	(3) Emergency light	(4) Rope	(5) Boat	(6) Any other
	Petlad Nagarpalika					
1	8	5	2	2	1	-
	Petlad Mamlatdar Office					
2	25	25	0	10	0	-
	Khambhat Nagarpalika					
3	2	2	0	0	0	-
	Khambhat Mamlatdar office					
4	25	25	0	5	0	-
	Borsad Nagarpalika					
5	0	2	2	0	0	-
	Borsad Mamlatdar office					
6	52	25	0	0	0	-
	Umreth Nagarpalika					
7	4	2	2	4	0	-
	Umreth Mamlatdar Office					
1	42	47	0	10	0	-
	Anand Nagarpalika					
8	8	10	0	1	1	
	Anand City Mamlatdar Office					
9						
	Anand Rural Mamlatdar Office					
10	2	3	1	5	0	-
	Ode Ngarpalika					
11	5	5	2	0	0	-

	Anklav Mamlatdar Office					
12	13	9		7	0	Torch 7
	Tarapur Mamlatdar Office					
13	70	14	0	10	1	-
	Sojitra Mamlatdar Office					
14	22	24	0	6	0	-
	Boriyavi nagarpalika					
15	10	1	2	0	0	-
		0				
	Anklav Nagarpalika					
16	0	0	1	1	0	-
	Vidyanagar Nagarpalika					
17	10	5	2	-	-	Portable generator-1, Tree cutter-1, dewatering pump-1, Tractor-11
	Sojitra Nagpalika					
18	0	1	-	-	-	Swimming tube-1
	Karamsad Nagarpalika					
19	4	2	2	1	0	-
Tota l	302	214	16	62	3	-

Annexure 2: List of Resources Available from Private Ownership in Anand District provided by RnB state

Sr. No.	Name of Agency	Plant Site	No.	Detail of Resource
1.	Kamal A. Patel 1-Sundram Park, Opp.MahavirPark, Jitodia Road Anand-388001 M. no.- 9824076661	Nr. Adhariya Chokadi, Mogari Road, Anand (02692) 654938 M. No.- 9924201079	1	J.C.B.
			5	Dumper
			1	Loader
			2	Tractor
			2	Roller
2.	M/S. Dilip M. Patel 217,SarawatiComplex, Opp. Manjalpur, Atithigrah, Manjalpur, Vadodara- 390011 M. No.-9909414841	Borsad Dharmaj Road, Nr. Petrol Pump, Borsad	2	J.C.B.
			6	Dumper
			1	Roller (Tendom)
			2	Tractor
3.	ShriGirishJ.Patel, 5, BजारंगSociety,	Sunav, Anand Sojitra Road	2	J.C.B.
			9	Dumper

	Nr. Chetna Park, V.V. Nagar. M.No.- 9898525491		2	Roller (Tendom)
			2	Tractor
			1	Roller (Vibrator)
4.	M/sH.M.Patel,1 ,RajDarshan, Staton Road, Khambhat M. No.- 9825020860	Tarapur Chokdi, Tarapur KhedaRoad (02698)221747	1	J.C.B.
			6	Dumper
			2	Roller
			3	Tractor
5.	M/s. Pankaj C. Patel 56, Municipal shopping Centre, Sherkhand Talav, Nadiad-387001 M. No.- 9725043082	At. Alindra, Nadiad Dakor Road	2	J.C.B.

Annexure 3: List Of Resources Available From Private Ownership By R&B Panchayat In Anand District
Anand

Anand Sub Division				
No	Vehicle Class	Reg. No.	Driver Name	Mo. No.
1	J.C.B	GJ07 AN 9612	DHAVALBHAI PATEL	9879604444
2	J.C.B	GJ07 CD 0772	SHAILESHBHAI PATEL	9825513701
3	J.C.B	GJ07 CD 0856	NILESHBHAI DAVE	9825329881
4	J.C.B	GJ23 AC 4975	VIJAYBHAI DAVE	9998539505
5	Truck	GJ07 YZ 3733	DHAVALBHAI PATEL	9879604444
6	Truck	GJ07 YZ 3365	DHAVALBHAI PATEL	9879604444
7	Truck	GJ07 YZ 5310	NILESHBHAI DAVE	9825329881
8	Truck	GJ07 YZ 6606	NILESHBHAI DAVE	9825329881
9	Tractor	GJ07 229	DHAVALBHAI PATEL	9879604444
10	Tractor	GJ07 DC 2558	NILESHBHAI DAVE	9825329881
11	Tractor	GJ07 DF 0974	SHAILESHBHAI PATEL	9825513701
12	Tractor	GJ07 DF 0887B	SHAILESHBHAI PATEL	9825513701
13	Tractor	GJ07 5449	VIJAYBHAI SHEKH	9998539505

Borsad

No	Vehicle Class	Reg. No.	Driver Name	Mo. No.
1	J.C.B	GJ23 AC 9755	SANJAYBHAI	8758092576
2	J.C.B	GJ23 AC 4909	MUSTAKBHAI	9904840815
3	Dumper	GJ23 AT 3400	MAHESHBHAI	9724969617
4	Dumper	GJ23 BC 0296	ASHOKBHAI	9714121513
5	Dumper	GJ23 BC 0295	KANUBHAI	9574227848
6	Dumper	GJ06 XX 1834	BHAGVANBHAI	9723407547
7	Tractor	GJ23 AC 3333	RAJUBHAI	6355125941
8	Tractor	GJ23 AC 3334	DINABHAI	9537885775
9	Tractor	GJ23 AC 5253	DINABHAI	9824263249

Petlad

Petlad Sub Division				
No	Vehicle Class	Reg. No.	Driver Name	Mo. No.
1	J.C.B	GJ23 BC 0398	G.J PATEL	
2	J.C.B	GJ23 BC 0369	G.J PATEL	
3	DUMPER	GJ23 AA 7415	G.J PATEL	
4	DUMPER	GJ23 AA 7416	G.J PATEL	
5	DUMPER	GJ23 AA 7417	G.J PATEL	
6	J.C.B	GJ07 CG 0884	ARTH INFRA	

Khambhat

Khambhat Sub Division				
No	Vehicle Class	Reg. No.	Driver Name	Mo. No.
1	J.C.B	GJ06 AP 9997	D.M PATEL	9909414841
2	J.C.B	GJ06 DH 1760	D.M PATEL	9909414841
3	J.C.B	GJ01 LQ 1311	D.M PATEL	9909414841
4	J.C.B	GJ23 BC 0411	D.M PATEL	9909414841
5	J.C.B	GJ23 BC 0065	D.M PATEL	9909414841
6	J.C.B	GJ23 B 4859	PINTUBHAI	9825096860
7	J.C.B	GJ23 AC 9845	PINTUBHAI	9825096860
8	J.C.B	GJ23 BC 0310	PINTUBHAI	9825096860

Annexure 4: List of Excavator (NT) provided by ARTO, Anand

	Registration Number	Owner Name	Current Address	Mobile Number
1	Gj01rq1237	Gaurangkumar	madhavbhuvan opp d z patel school,80ft road anand.,anand,anand ,gujarat,388001	8866330335
2	Gj03he1507	Raghubhai	vijaypura nr bapasar ni madhual,at po kasor,anand,anand ,gujarat,388205	9574219156
3	Gj03he1507	Raghubhai	vijaypura nr bapasar ni madhual,at po kasor,anand,anand ,gujarat,388205	9574219156
4	Gj03he1914	Meghabhai	bharvad vas,at-thamna,ta-umreth,anand ,gujarat,388215	9601809675
5	Gj03he3273	Jograna Manubhai	00 indira colony,at porda ta anand,boria,anand ,gujarat,388130	9909990349
6	Gj03he3736	Lakhabhai	lim visthar ma zoryo,at-kavitha,ta-borsad,anand ,gujarat,388545	7435994688
7	Gj12d8195	Yogin	ganesh saw mill,nr kathol chokdi,at sisva ta borsad dist anand,anand ,gujarat,388530	8488052709
8	Gj14m4675	Vikrambhai	indira colony bharvad vas,anklav,anand,anand ,gujarat,388510	8200255476
9	Gj14m5822	Dusyankumar	29 shantamani gajiya wadi,at-chikhodra,anand,anand ,gujarat,388320	7984705001
10	Gj14m6102	Manubhai	bharvadvas,at sansej ta petlad.,anand ,gujarat,388150	8000220310
11	Gj14m6630	Patel Infrastructure Limited	patcon house,nr indira statue,80 feet road,,anand ,gujarat,388001	9227160819
12	Gj14m6636	Patel Infrastructure Limited	patcon house nr indira statue,80 feet road,at ta anand,anand ,gujarat,388001	9227160819
13	Gj14m6710	Salim	patak vistar,at boriavi,ta anand,anand ,gujarat,387310	9925448172
14	Gj23bc0465	Shivamkumar R Patel	411 4th floor,vashishth vanijya n/r railway fatak,vidhyanagar anand,anand ,gujarat,388120	8469125731
15	Gj23bc0481	Shivamkumar R Patel	411 4th floor,vashishth vanijya n/r railway fatak,vidhyanagar anand,anand ,gujarat,388120	8469125731
16	Gj27cq0928	Bhupendrakumar	b/h swami narayan temple,at-bochasan ta-borsad,di-anand,anand ,gujarat,388140	9898513374

Annexure 5: List Of CRANE By ARTO

Sr. No.	Registration Number	Owner Name	Current Address	Mobile Number
1	GJ02B S0949	Soyeb	Chakravati Faliya Nr Bus Stend,Anand,Anand,Anand ,Gujarat,388001	9879687528
2	GJ01F Q7197	Vijay	Rahima Nagar Bhag - 2,At Anand Ta Anand,Anand,Anand ,Gujarat,388001	9724337586
3	GJ01L Q0425	Renuben	6 Chitrakut Nr Dharmeshwar Mahadev,Nr Over Bridge,At Chikhodra Ta Anand,Anand ,Gujarat,388001	8160898347
4	GJ01L Q9381	Rajubhai	Madani Park,At-Napad Vanta,Ta-Anand,Anand ,Gujarat,388350	9974360234
5	GJ01L Q9428	Ahemadbhai	Napad Vanta Sultan Pura Rd,At Napad Vanta,Ta Anand,Anand ,Gujarat,388350	7623977353
6	GJ06A A6935	Patel Infrastructure Ltd	Patcon House Nr Indira Statue,80 Feet Road,At Ta Anand,Anand ,Gujarat,388001	9227160819
7	GJ12B J4041	Dwarkesh Transport Corporation	First Floor F-1 To F-8 Pooja Estate,At V U Nagar,Anand Sojitra Road,Anand ,Gujarat,388001	7016684560
8	GJ23A C4865	Nayanbhai	Nr.Railway Crossing ,At-V.V.Nagar Ta-Anand,Anand,,Gujarat,999999	9824536243
9	GJ23B C0007	Akshar Lift And Carry Corporation	12-Umang Raj, Maruti Park Soc,Nr Palika Nagar,Anand,Anand ,Gujarat,388001	9824023495
10	GJ23B C0013	Patel Infrastructure Ltd	Patcon House,80ft Road, Nr Indira Statue,,Anand ,Gujarat,388001	9876678726
11	GJ23B C0026	Suryakant Ratilal Patel	G-71, Pooja Estate,Vithaludyognagar,,Anand ,Gujarat,388120	9825198538
12	GJ23B C0030	Nayanbhai Parikh	Plot No. 550, Suryoday Bunglow,Nr. Uco Bank, At Vv Nagar,Anand,Anand ,Gujarat,388120	9824536243
13	GJ23B C0059	Ansari Mohammad Kadir	5, Royal Park Society,100 Feet Road,,Anand ,Gujarat,388001	9898116058
14	GJ23B C0148	Dilubha	Nafa Bata,Masjid Khadki,Anand,,Gujarat,388001	9879859526
15	GJ23B C0153	Gmm Pfaudler Limited	Vithal Udyognagar,Karamsad,,Anand ,Gujarat,388325	9909036572
16	GJ23B C0288	Ikbalbhai B. Pathan	Prop- Sahyog Crane Main Works,,Mahicanal Road, Sultanpura,,At Napad Vanta Ta Di Anand,,Gujarat,388350	8866258842
17	GJ23B C0307	Mustakbhai Yakubbhai Multani	1792-Housing Colony Gidc Estate,Vitha Udyognagar,Anand,Anand ,Gujarat,388121	9998664610
18	GJ23B C0453	Ahemadbhai Bachubhai Pathan	Napad Vanta, Sultanpur Road,Mahi Kenal, Taluka,,Anand ,Gujarat,388350	9909254833
19	GJ23B C0470	Bhagat Industries	S. R. No. 1240, Bhalej Road,Ta Umreth, At Pansora,,Anand ,Gujarat,388220	9979171823
20	GJ23B C0715	Rana Balwantsang Harisang	Dhor Vistar Zpt, Narpura Road,Dt.01.09.10 , Village Napa Vanto,Taluka Borsad,Anand ,Gujarat,388305	9723641355
21	GJ23B C4872	Veljibhai Bharwad	Khodiyar Transport G 82 Puja Estate,Near Cng Pump Gidc Road,At-Vittaludyognagar,Anand ,Gujarat,388120	9898663902
22	GJ23B	Ravjibhai	603, Gidc 410, At Vasna,Ta Borsad,,Anand ,Gujarat,388540	9722362328

	C5200	Gangadas Patel		
23	GJ23B C7375	Amit C Gajjar	Railway Station Road,Main Bazaar,Dharmaj, Ta-Petlad,Anand ,Gujarat,388430	9427859929
24	GJ23B C7685	Nareshbhai Omparkash Verma	Nh No 8,Anand,Near Vipin Cold Storage,Anand ,Gujarat,388320	8160898347
25	GJ23B C8388	Lucky Timber Mart	Prop: Kirtikumar Meghajibhai Patel,1 , Jin Ni Chali, Petlad,,Anand ,Gujarat,388450	9727888388
26	GJ27B 0633	Sahni Tulshi	Moti Chokdi Raja Complex,At Ta Tarapur Di Anand,At Tarapur Ta Tarapur,Anand ,Gujarat,387210	8757835965
27	GJ03H E2087	Adilbhai	Kankapura,At Sandesar,Ta Anand,Anand ,Gujarat,388130	9712327867
28	GJ06A P9595	Simaben	450 Purohit Khadki,At Khambholaj Ta Anand,,Anand ,Gujarat,388330	9824874617
29	GJ06D H0391	Patel Vishalkumar	Piplimata Mandir,Umreth,Umreth,Anand ,Gujarat,388220	8140415793
30	GJ06D H1712	Ronakkumar	Motani Khadki,At-Alarsa Ta-Borsad,Anand,,Gujarat,388543	9909213036
31	GJ06H K0071	Najirbhai	92-H Rsidency Plot,Gidc,At Karamsad,Anand ,Gujarat,388210	9723656569
32	GJ06J F0757	Rakeshbhai	1-Anand Nagar Society,Tornavmata Road,At&Ta-Borsad,Anand ,Gujarat,388540	9974359260
33	GJ06J F0933	Ashvinbhai	2764-1 Krishnanagar Soc,At- Mogri,Anand,Anand ,Gujarat,388345	9725560797
34	GJ06J F2080	Shabbirkhan	Bapushahnu Faliyu Khara Kuva,At Napadvanta Ta Anand,,Anand ,Gujarat,388350	9998664610
35	GJ07C D0436	Brajeskumar	Moti Fali At Dharmaj,Ta Petlad,Di Anand,Anand ,Gujarat,388430	9979857870
36	GJ16B S1023	Renuben	4138 Chitrakut Society,Nr Dharmeshwar Mahadev,Anand Chikhodra Rd At-Chikhodra,Anand ,Gujarat,388320	9825052461
37	GJ16B S3752	Sabbirkhan	575 Vadi Vistar,At Napad Vanto,Anand,Anand ,Gujarat,388350	9998664610
38	GJ23A C4804	Umeshbhai	Nani Bhagol,At Mogri Ta Anand,Dist Anand,Anand ,Gujarat,388345	9737731087
39	GJ23A C4828	Harishbhai	Prop.Steet Structure & Equipment,531 Gidc Phase 4 At-V.U.Nagar,Ta-Di-Anand,Anand ,Gujarat,387001	9825459368
40	GJ23A C4869	Shri Ganesh Saw Mill	At-Po-Sisva,Ta-Borsad,Anand,Anand ,Gujarat,388001	9825355215
41	GJ23A C4905	Umang	12 Maruti Park Opp.Palika Nagar,80 Ft Road At-Anand,Anand,,Gujarat,999999	9825198538
42	GJ23A C4983	Bhavinbhai	Nani Bhagol,At Mogri,Ta Dist Anand,Anand ,Gujarat,388345	9737731087
43	GJ23B 4906	Nayanbhai	Suryadaya Bunglow Plot No 550,Sardar Patel Stedium At-V.V.Nagar,Anand,Anand ,Gujarat,388001	9824536243
44	GJ23B C0014	Ambalal	Nani Bhagol, Mogri,At-Mogri,,Anand ,Gujarat,388345	9428661814
45	GJ23B C0058	Aakib	63 E,Aman Soc,Samarkha Chokadi,Vistar,Bhalej Road,Anand,,Anand ,Gujarat,388001	9825957916
46	GJ23B C0082	Dilubha P Rana	Khadki Vado Kuvo, Napa Vanto,Napa Anand,Borsad,Anand ,Gujarat,388560	8200227200
47	GJ23B C0091	Dwarkesh Transport Corp.	First Floor, F1 To F8, Pooja Estate,Anand-Sojitra Road, V U Nagar,,Anand ,Gujarat,388121	7698991000
48	GJ23B C0109	Dwarkesh Transport Corp.	F1 To F8, Pooja Estate,Anand-Sojitra Road,V.U.Nagar,Anand ,Gujarat,388121	7698991000
49	GJ23B C0127	Anjars Harihar Eng	603 A Gidc Vitthal Udyognagar,Anand,Anand,,Gujarat,388121	7600002726
50	GJ23B C0171	Firojbhai Yakubbhai Multani	Mig -1, 6 Meter, Vitthal Udyog,Nagar, Vitthal Udyognagar,,Anand ,Gujarat,388121	9173570066

51	GJ23B C0198	Dwarkesh Transport Corporation	F-1 To F-8, Pooja Estate,,Anand-Sojitra Road, V.U.Nagar,,Anand ,Gujarat,388121	9825048078
52	GJ23B C0199	Firojibhai Yakubhbhai Multani	Mig -1, 6 Meter, Vitthal Udyog,Nagar, Vitthal Udyognagar,,Anand ,Gujarat,388121	9879530112
53	GJ23B C0201	Dwarkesh Transport Corp.	F1 To F8 Pooja Estate,Anand-Sojitra Road,V U Nagar,Anand ,Gujarat,388121	7698991000
54	GJ23B C0242	Nazirbhai Multani	F 52 Gidc Residency Area,Vitthal Udyog Nagar,Opp Idmc,Anand ,Gujarat,388121	9723656569
55	GJ23B C0383	Dwarkesh Transport Corp.	F1 To F8 Pooja Estate,Anand-Sojitra Road,V U Nagar,Anand ,Gujarat,388121	7698991000
56	GJ23B C0388	Ikbalbhai	Prop.Of Sahyog Crane Maintenance,Works Sultanpura Road Nr.Mahi Kenal,At.Napad Vanta Ta.Di.Anand,,Gujarat,999999	9909254833
57	GJ23B C0408	Dwarkesh Transport Corporation	First Floor, F-1 To F-8,,Pooja Estate, Anand Sojitra Road,,V.U.Nagar,,Anand ,Gujarat,388121	9825048078
58	GJ23B C0426	Dwarkesh Transport Corporation	First Floor, F1 To F8, Pooja Estate,Anand-Sojitra Road, V U Nagar,,Anand ,Gujarat,388121	7698991000
59	GJ23B C0518	Shah Manilal Laxmichand Religious	Trust, Manilaxmi Tirth Baroda,Bhavnagar, Highway, Near Tarapur,Chowkdi, Manej Gaon, Taluka Petlad,Anand ,Gujarat,388150	9879514772
60	GJ23B C0551	Renuben	4138 Chitrakut Society Nr,Dharmeshwar Mahadev Temple,At- Chikhodra Ta-Anand,Anand ,Gujarat,388320	9825052461
61	GJ23B C0659	Nirmalkumar Yadav	402, Malbar Heights,Opp Tapi Vaas Nana Bazar,Vallabhvidyanagar,Anand ,Gujarat,388120	9904814725
62	GJ23B C0907	Gmm Pfaudler Limited	Anand Sojitra Road,Karamsadd,,Anand ,Gujarat,388325	9426042110
63	GJ23B C0921	Narendra Bhai Gordhanbhai Patel	1526/3 Gidc Ni Bajuma,Umreth Anand,Near Railway Fatak,Anand ,Gujarat,388220	9925031927
64	GJ23B C5405	Shree Uday Earth Movers Prop:	Prayagrajsinh Rajendrasinh Parmar,Nr Patada Kuvo,Rajupura Road, Rajupura,Anand ,Gujarat,388306	9825740982
65	GJ03C L9811	Patel Infrastructure P. Ltd	Patcon House,,Nr Indira Statue,,80 Feet Road, Anand,Anand ,Gujarat,388001	9227160819
66	GJ05C E9046	Kiranbhai	Ode Faliyu,Khanpur,Anand,Anand ,Gujarat,388365	9723936370
67	GJ06D H0409	Laljibhai	02-Anand Nagar Society,Tornavmata Road,At-Ta-Borsad,Anand ,Gujarat,388540	9427621102
68	GJ06D H0409	Laljibhai	02-Anand Nagar Society,Tornavmata Road,At-Ta-Borsad,Anand ,Gujarat,388540	9427621102
69	GJ06D H0832	Ramanbhai	Krishna Policot Plot No-512,At-V.U Nagar,Ta-Anand,Anand ,Gujarat,388210	9824495121
70	GJ06H K0077	Vaghela Ashvinbhai	2764-1 Krishnanagar Society,At Mogari Ta Anand,Anand,Anand ,Gujarat,388210	8866888819
71	GJ06H K0162	Priten Patel	139, Vis Ni Khadki, Mundas Street,At- Bharoda, Ta- Umreth,,Anand ,Gujarat,388210	9662932432
72	GJ06J F1198	Rajubhai Rathod	Madni Park,Napad Vanto,At-Napad,Ta-Anand,Anand ,Gujarat,388350	9974360234
73	GJ06J F3080	Dineshbhai	5,Demso Jalaram Saw Mill,At-Ta-Umreth,Anand,,Anand ,Gujarat,388220	9054307575
74	GJ06Z 9944	Farukbhai	At-Bhalej,Ta-Anand,Anand,Anand ,Gujarat,388001	9825306116
75	GJ18H 8011	Hardikbhai	Near Panchayat,At Bamangam Ta Anklav,,Anand ,Gujarat,388520	9537578044
76	GJ20R	Jalambhai	Indira Colony,Porda,Anand,Anand ,Gujarat,388130	6354448497

	4770	Bharvad		
77	GJ20R 4770	Jalambhai Bharvad	Indira Colony,Porda,Anand,Anand ,Gujarat,388130	6354448497
78	GJ23A C4942	Nazirmohmad	Vadima,At-Po-Napad Ta-Anand,Anand,Anand ,Gujarat,999999	8866258842
79	GJ23A N4260	Amirbhai	63/E Aman Township B/H T.B Hospital,Bhalej Road Anand,Anand,Anand ,Gujarat,388001	9638892044
80	GJ23B 4946	Milesh	Mandra Street,At-Bharoda Ta-Anand,Anand,Anand ,Gujarat,999999	9662932432
81	GJ23B 4970	Eimco Elecon India Ltd	Anand Sojitra Road ,At-V.V.Nagar Ta- Anand,Anand,,Gujarat,999999	9825044595
82	GJ23B C0042	Dwarkesh Transport Corporation	F1 To F8, Pooja Estate,Anand-Sojitra Road,V.U.Nagar,Anand ,Gujarat,388121	7698991000
83	GJ23B C0113	Dwarkesh Transport Corporation	F-1 To F-8, Pooja Estate,,Anand-Sojitra Road, V.U.Nagar,,Anand ,Gujarat,388121	7359019422
84	GJ23B C0186	Dwarkesh Transport Corporation	F-1 To F-8, Pooja Estate,,Anand-Sojitra Road, V.U.Nagar,,Anand,,Anand ,Gujarat,388121	7600196049
85	GJ23B C0218	Sabbirkhan Salimkhan Rathod	575, Vadi Vistar, Napad Vanto,,Napad, Anand,Anand,Anand ,Gujarat,388350	9978664610
86	GJ23B C0238	M/S Dwarkesh Transport Corporation	F-1 To F-8, Pooja Estate,,Anand- Sojitra Road,,V.U.Nagar,Anand ,Gujarat,388121	9825144559
87	GJ23B C0240	Dwarkesh Transport Corp.	F1 To F8, Pooja Estate,Anand, Sojitra Road,V.U.Nagar,Anand ,Gujarat,388121	7698991000
88	GJ23B C0302	Umesh Ambalal Parmar	Nani Bhogal, Mogri,,Anand ,Gujarat,388345	9428661814
89	GJ23B C0323	M/S Dwarkesh Transport Corporation	F-1 To F-8, Pooja Estate,,Anand-Sojitra Road,,V.U.Nagar,Anand ,Gujarat,388121	9825048078
90	GJ23B C0328	Gmm Pfaudler Limited	Vithal Udyognagar, Karamsad,,Anand ,Gujarat,388325	9825044595
91	GJ23B C0366	Dharamveer Yadav	1101, Shzlalekh Residency,Rajpurata,Anand,Anand ,Gujarat,388306	8233487629
92	GJ23B C0371	Sabbirkhan Rathod	Vadi Vistar,At- Napad Vanta, Ta- Anand,,Anand ,Gujarat,388350	9998664610
93	GJ23B C0438	Renuben Nareshkumar Varma	4138 Chitrakut Society 1 2,Cikhodra Tal Anand Cikhodra,Cikhodra Anand,,Gujarat,388320	9825052461
94	GJ23B C0441	Najirmahmad Rathod	Nr Khara Kuva Wadi,At- Napad Vanta Ta- Anand,Anand,,Gujarat,388350	9825026805
95	GJ23B C0490	Dwarkesh Transport Corp.	F1 To F8, Pooja Estate,Anand-Sojitra Road,V U Nagar,,Anand ,Gujarat,388121	7698991000
96	GJ23B C0785	Sahyog Engineering	Prop: Ahemadbhai B Pathan,1, 1 , Sultanpura,,Sultanpura Road , Napad Vanta,Anand ,Gujarat,388350	9712954833
97	GJ23B C4499	Farukbhai A Kapadia	Sabhol Pura, Sadanapura,Village Rahtalav,Taluka Anand,Anand ,Gujarat,388001	9825957916
98	GJ27C Q0358	Renuben	4138,Chitrakut Society 1-2,At-Chikhodra,Ta-Anand,Anand ,Gujarat,388320	9825052461

Annexure 6: Health Department Plan

- ❖ ચોમાસા દરમ્યાન કાર્યરત ૨૪ x ૭ કંટ્રોલરૂમની માહિતી :-

કંટ્રોલરૂમનું સ્થળ :-
ડિઝાસ્ટર શાખા,
જુની કલેક્ટરશ્રીની કચેરી, આણંદ
કંટ્રોલરૂમ ફોન નંબર :- ૦૨૬૯૨-૨૪૩૨૨૨

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

અ.નં.	અધિકારીશ્રી/ કર્મચારીનું નામ	હોદ્દો	મોબાઈલ નંબર
૧	ડૉ. રાજેશ પટેલ	એપેડેમીક મેડિકલ ઓફિસર	૭૫૬૭૮૭૦૦૦૪
૨	ડૉ. શ્વેતા વસાણી	એપેડેમીયોલોજીસ્ટ	૭૮૭૪૮૪૮૮૮૧
૩	શ્રી રાકેશ વી. પટેલ	ડી.એસ.આઈ.	૯૪૨૮૬૬૦૭૭૬

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)					

Key Instruments availability Dist: Anand

S. No.	Name of Equipment	No of Instrument available at Institute							
		Medical College	District Hospital	Municipal Hospital	SDH	CHC	PHC	Trust Hospitals	Private Hospital
1	Ventilator	0	1	0	0	0	0		
2	O2 Cylinder	0	4	2	0	30	90		
3	Enchotrachal tube	0	10	0	0	0	0		
4	Laryngoscope	0	2	0	0	0	0		
5	Defibrication	0	0	0	0	0	0		
6	Refrigerator	0	2	1	0	10	20		
7	Lagrange Mask Airway	0	0	0	0	0	0		
8	Ambu Bag	0	2	2	0	11	20		
9	PPE Kit.	0	15	5	0	0	0		
10	Pulse Oximeter	0	1	0	0	3	0		
11	ECG Machine	0	1	0	0	0	0		

12	Endotracheal tube	0	10	0	0	3	0		
13	Straturas	0	5	2	0	11	0		
14	Vehicle Chair	0	5	2	0	11	0		
15	Pulse Monitor	0	0	0	0	0	1		
16	Cervical Collar	0	0	0	0	0	0		
17	Long Spring Board	0	0	0	0	0	0		
18	N – 25 Masks	0	50	0	0	110	0		
19	Autoanalyser	0	1	0	0	0	0		
20	X – ray Machine	0	1	1	0	10	0		
21	Generator	0	1	1	0	0	10		

District RRT (Rapid Response Team)

No	Designation	Name of Officer	Contact	
			Office	Mobile
1	CDHO & Dist.Nodal Officer	i/c. Dr. R.B.Kapadia	--	75678 70001
2	District Surveillance Officer (EMO)	Dr. Rajesh Patel	--	75678 70004
3	District Epidemiologist	Dr. Sweta Vasani	--	78748 48981
4	Entomologist / DMO	i/c. Dr. Rajesh Patel	02692-260 675	75678 70006
5	Clinician (Pediatrics)	Vaccant	02697-224422	--
6	Pathologist	Dr. B. M. Manger	02697-224422	98252 38637
7	Microbiologist	Dr.Amar Pandya	02692-224422	89808 03988

Taluka Level Rapid Response Team

Anand

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. K.D.Pathak	THO	Anand	7567870025
2	Dr. Darshit Patel	MO	Chikhodra	7567870031
3	Jineshbhai Joshi	Pharma	Navli	8238032237
4	Amit J.Parmar	THS	Anand	9033792071
5	Jigal J. Parmar	FHW	Chikhodra	7574843509
6	Ranchodbhai Parmar	Driver	Chiokhodra	9909123741

Anklav

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	i/c. Dr. R.B.Parmar	THO	Anklav	7567870024
2	Dr. R.B.Parmar	MO	Betasi	7567870335
3	Ashwinbhai Patel	Pharma	Bamangam	9428656610
4	Vipulbhai Solanki	THS	Bhetasi	7069890018
5	Sonalben Zalaiya	FHW	Umeta	7567870396
6	Hasmukhbhai Chavda	Driver	Bamangam	8799567984

Borsad

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. G.K.Isarwadia	THO	Borsad	7567870340
2	Dr. Gunjan Jadav	MO	Virsad	9427911669

3	Manubhai Patel	Pharma	Badalpur	9998223003
4	Dharmendra Parmar	THS	Zarola	9712484599
5	Hiralben Chavda	FHW	Davol	7383603724
6	Jayantibhai Chauhan	Driver	Virsad	9081131506

Petlad Taluko

Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. S.F.Vohra	THO	Petlad	7567870021
2	Dr. Tirth Patel	MO	Bandhani	7567870140
3	Sunil Solanki	Pharma	Bandhani	9925090008
4	Chaitaliben Parmar	SN	Bandhani	7016527705
5	Lalitbhai Christian	THS	Petlad	8980820508
6	Kamleshbhai Rababri	Driver	Bandhani	9824870627

Sojitra

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. Manish Valesh	THO	Sojitra	9824556726
2	Dr. Ruchir Bhatt	MO	Deva Talpad	7567870142
3	Chirag Valand	Pharma	Dabhou	9714686560
4	Febiben Vankar	THV	Sojitra	8160110655
5	Rajendrakumar Patel	THS	Sojitra	9924866865
6	Rameshbhai Vaghela	Driver	Dabhou	9662957594

Khambhat

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. Manesh Prajapati	THO	Khambhat	9714121649

2	Dr. Pranay Parimal	MO	Vatadara	7433823286
3	Rameshbhai Patel	Pharma	Undel	9879608044
4	Sonalben Vaghela	SN	Machipura	7698505736
5	R.D.Solanki	THS	Khambhat	7016419463
6	Jayesh Vaghela	Driver	Vatadara	9724482935

Tarapur

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. M.M.Parmar	THO	Tarapur	7567870250
2	Dr. R.K.Zula	MO	Khada	9565667218
3	Rahul Prajapati	Pharma	Khada	8401242485
4	Anjuben Purohit	FHW	Budhej	7567870273
5	Chetanbhai Patel	THS	Khada	9712868382
6	Jagatsinh Gohil	Driver	Khada	7567869943

Umreth

Taluko				
Sr.No.	Name	Designation	Head Quarter	Mobile No
1	Dr. I.K.Prajapati	THO	Umreth	7567870022
2	Dr. Varad Thumar	MO	Thamna	8347156953
3	Ashish Shah	Pharma	Thamna	9824955166
4	Hemuben Solanki	SN	Thamna	9824818338
5	D.G.Patel	THS	Umreth	9825590017
6	Rashmikant Pateliya	Driver	Thamna	9998198053

આણંદ જિલ્લા પંચાયત
૧૦૮ ની માહિતી

ક્રમ	જિલ્લો	તાલુકાનું નામ	સ્થળ
૧	આણંદ	આણંદ	ફાયરબ્રીગેડ, આણંદ
૨		આણંદ	ટાઉન હોલ, આણંદ
૩		આણંદ	પ્રાથમિક આરોગ્ય કેન્દ્ર, વાસદ
૪		પેટલાદ	એસ.એસ.હોસ્પીટલ પેટલાદ
૫		પેટલાદ	સી.સી.પટેલ હોસ્પીટલ, સોજીત્રા
૬		પેટલાદ	સામુહિક આરોગ્ય કેન્દ્ર, મહેળાવ
૭		ખંભાત	ફતેપુરા ચોકડી, ખંભાત
૮		ખંભાત	સામુહિક આરોગ્ય કેન્દ્ર, ખંભાત
૯		ખંભાત	પાવરસ્ટેશન ધુવારણ
૧૦		તારાપુર	સામુહિક આરોગ્ય કેન્દ્ર, તારાપુર
૧૧		બોરસદ	મ્યુનીસીપાલીટી હોસ્પીટલ બોરસદ
૧૨		આંકલાવ	સામુહિક આરોગ્ય કેન્દ્ર, આંકલાવ
૧૩		ઉમરેઠ	સામુહિક આરોગ્ય કેન્દ્ર, ઓડ

સ્વૈચ્છિક સંસ્થાઓની માહિતી

જિલ્લો : આણંદ

ક્રમ	તાલુકાનું નામ	સેવાભાવી સ્વૈચ્છિક સંસ્થાનું નામ અને સરનામું	સંસ્થાની મુખ્ય પ્રવૃત્તિઓ	સંસ્થાની કચેરીનો ફોન નંબર તથા ફેક્સ નંબર
૧	૨	૩	૪	૫
1	આણંદ	લાયન્સ ક્લબ આણંદ	સમાજ ઉપયોગી સવા પ્રવૃત્તિ, નેત્ર યોજના, મેડીકલ ચેકઅપ, દવાનું વિતરણ, ફુડ પેકેટ, બ્લડ ડોનેશન કેમ્પ, કેટલ કેમ્પ, આઈ કેમ્પ, અનાજ વિતરણ	૨૫૩૩૩૯
2		ઈન્ડિયન રેડક્રોસ સોસાયટી, મ્યુની. ઓફીસ સામે, સરદાર ગંજ રોડ, આણંદ-૩૮૮૦૦૧	રક્તદાન, ફીજીયોથેરાપી, કુદરતી આફતમાં દવા તથા અનાજ વિગેરે વિકલાંગોને મદદ	૨૪૩૪૦૬
3		ત્રિભોવનદાસ ફાઉન્ડેશન આણંદ-૩૮૮૦૦૧	બાળકોનું સ્વાસ્થ્ય, ફેમીલી પ્લાનીંગ, રોગ નિદાન, હેલ્થ વર્કર દ્વારા ગામડાઓમાં મદદ, ૬૪૩ ગામોનું નેટવર્કર્સ પર્યાવરણની જાળવણી, ગ્રામ્ય બ્લેનોની રોજગારીની પ્રવૃત્તિ	૨૫૧૫૬૬ ૨૫૧૨૬૬ ફેક્સ ૨૪૦૩૯૪
4		આંખની હોસ્પિટલ, ચીખોદરા	આંખોના કેમ્પ યોજવા, ચશ્મા શિબીર, ફુડ પેકેટસ, બાળ પોષાક આહાર વિગેરે	૨૪૨૩૮૭
5		શંકરા આઈ હોસ્પિટલ, ને.હા. નં. - ૮, મુ. મોગર, તા.જિ. આણંદ	આંખોના કેમ્પ યોજવા, ચશ્મા શિબીર,	૨૮૦૪૫૦
6	બોરસદ	જલારામ મંદિર ટ્રસ્ટ, ૫૫ ગાંધીગંજ, બોરસદ-૩૮૮૫૪૦	અન્નક્ષેત્ર, ઘરડાઘર, વડીલો પ્રવૃત્તિ, કુદરતી આફતો વખતે ફુડ પેકેટસના વિતરણ, બ્લડબેંક, એમ્બ્યુલન્સ, અપંગોને સહાય કરવી વિગેરે.	૨૨૦૫૦૧ ૨૨૦૦૦૮
7		લાયન્સ ક્લબ બોરસદ પીનકોડ-૩૮૮૫૪૦	બ્લડ ડોનેશન, આઈ કેમ્પ, નગર વિકાસના કામો, કુદરતી આફતોમાં જરૂરિયાત મુજબ ફુડ પેકેટસ તેમજ આરોગ્ય લક્ષી	૨૨૦૧૬૭
8	પેટલાદ	રોટરી ક્લબ પેટલાદ પીનકોડ-૩૮૮૫૪૦	આરોગ્ય લક્ષી કેમ્પ, હેલ્થ ક્લબ	૨૨૦૫૦૧ ૨૨૦૦૦૮
9		રેડક્રોસ સોસાયટી, પેટલાદ, પીનકોડ- ૩૮૮૫૪૦	આરોગ્ય લક્ષી પ્રવૃત્તિ	૨૨૪૯૯૫
10	સોજિત્રા	લાયન્સ ક્લબ સોજિત્રા, પીનકોડ-૩૮૭૨૪૦	સામાજિક આરોગ્ય સેવા, શૈક્ષણિક સેવા પ્રવૃત્તિ	૨૩૩૩૦૪
11	ખંભાત	સ્વામિનારાયણ મંદિર (અ.પુ.), ખંભાત-૩૮૮૬૨૦	બાળ સચિન, મહીલા મંડળ, આરોગ્યલક્ષી કામગીરી, કેટલ કેમ્પ, અતિવૃષ્ટિ વખતે ફુડ પેકેટસ, કુદરતી આફતો વખતે સ્વયં સેવકો કામગીરી કરે છે. ગામો દત્તક લેવામાં આવે છે. સંસ્થાકીય લેવલે મદદ થાય છે.	૨૨૧૮૨૦
12		સ્વામિનારાયણ મંદિર (વડતાલ) ખંભાત-૩૮૮૬૨૦	વડીકચેરીની સુચના મુજબ જરૂરિયાત મુજબ કુદરતી આફત વખતે મદદ કરે છે.	૨૨૦૫૩૨
13		રોટરી ક્લબ, ખંભાત-૩૮૮૬૨૦	પોલીયો, રસીકરણ, આરોગ્યલક્ષી, આંખોના કેમ્પ, અતિવૃષ્ટિ વખતે ફુડ પેકેટસની કામગીરી, કેટલ કેમ્પ, ગામ દત્તક	૨૨૦૭૦૭
14		લાયન્સ ક્લબ, ખંભાત-૩૮૮૬૨૦	આરોગ્ય લક્ષી અન્ય સેવાકીય પ્રવૃત્તિ	૨૨૦૫૧૬
15		રોટરેક્ટ ક્લબ તારાપુર-૩૮૮૧૮૦	મેડીકલ કેમ્પ, દવાનું વિતરણ, આફતમાં મદદની પ્રવૃત્તિ	૨૫૫૭૧૪ ૨૫૫૪૩૨

જિલ્લા કક્ષાના અધિકારીશ્રીઓની માહિતી :-

SN	District	Name of Officer	Designation	Mobile No	Landline No		Email ID (Uniform)
					STD Code	Number	
1	Anand	i/c. Dr R.B.Kapadia	CDHO	7567870001	-	-	cdho.health.anand@gmail.com
2	Anand	Dr Purvi Nayak	ADHO	7567870002	-	-	adho.health.anand@gmail.com
3	Anand	Dr. Kapadiya	RCHO	7567870003	-	-	rcho.health.anand@gmail.com
4	Anand	Dr Rajesh Patel	DSO/EMO	7567870004	-	-	dso.health.anand@gmail.com
5	Anand	Dr Megha Mehta	DTO	7567870007	-	-	dtoguand@rntcp.org
6	Anand	i/c. Dr Rajesh Patel	DMO/VBO	7567870006	-	-	dmo.health.anand@gmail.com
7	Anand	i/c. Dr G.K.Isarwadia	QAMO	7434858163	-	-	qamo.health.anand@gmail.com

તાલુકા હેલ્થ ઓફિસરની માહિતી :-

SN	Taluka Name	Name of Officer	Mobile No	Landline No		Email ID (Uniform)
				STD Code	Number	
1	Anand	Dr. K.D.Pathak	75678 70022	02692	222285	thoanand.health.anand@gmail.com
2	Anklav	i/c. Dr. R.B.Parmar	75678 70021	02696	280066	thoanklav.health.anand@gmail.com
3	Borsad	Dr.G.K.Isarwadia	75678 700143	02696	280066	thoanklav.health.anand@gmail.com
4	Khambhat	Dr. M.A.Prajapati	75678 70025	02698	258255	thokhambhat.health.anand@gmail.com
5	Petlad	Dr. Siraj Vohra	75678 70023	02697	222005	thopetlad.health.anand@gmail.com
6	Sojitra	Dr. M.T.Valesh	75678 70023	02697	222005	thopetlad.health.anand@gmail.com
7	Tarapur	Dr. M.M.Parmar	75678 70025	02698	258255	thokhambhat1.health.anand@gmail.com
8	Umreth	Dr. I.K.Prajapati	75678 70024	02692	276001	thoumreth.health.anand@gmail.com

સામુહિક આરોગ્ય કેન્દ્રોની માહિતી :-

S N	Taluka	CHC	Name	Mobile No	Landline No		Email ID
					STD Code	Number	
1	Anand	Ode	Dr V.J.Christan	9601277282	0269 2	282548	chcode.health.anand@gmail.com
2	Anand	Sarsa	Dr vincent christian	9601277282	0269 2	272088	chcsarsa.health.anand@gmail.com
3	Anand	Vasad	Dr.H.D.Rathore	9427045391	0269 2	274280	chcvasad.health.anand@gmail.com
4	Anklav	Anklav	Dr.H.M.VAGHELA	9925286777	0269 6	282039	chcanklav.health.anand@gmail.com
5	Bortsad	Ras	DR.CHIRAG M PATEL(I/C)	9687672107	0269 7	285638	chcras.health.anand@gmail.com
6	Khambhat	Khambhat	Dr Mayank Chauhan	8469870332	0269 6	220560	chckhambhat.health.anand@gmail.com

7	Khambhat	UNDEL	Dr. Rukhsar M Saiyed	8758015424	02698	--	chcundel.health.anand@gmail.com
8	Petlad	Dharmaj	DR.CHIRAG M PATEL	9687672107	02697	244603	chcdharmaj.health.anand@gmail.com
9	Petlad	Mehlav	dr bindaben n shastri	7990991054	02697	247187	chcmehlav.health.anand@gmail.com
10	Sojitra	Sojitra	DR.HEENA A.VARSAT	9099064310	02698	233244	chcsojitra.health.anand@gmail.com
11	Tarapur	Tarapur	DR R.B.BAIS	9099064323	02692	255426	chctarapur.health.anand1@gmail.com
12	Umreth	Umreth	Dr Imtiyaz G Vahora	9426324247	--	--	chcumreth1.health.anand1@gmail.com
13	Borsad	BORASD	Dr.M.S.Chauhan	7567870334	02696	220017	chcborsad.health.anand1@gmail.com
14	Borsad	KATHANA	Dr.S.D.Dhakroliya	7567870337	02696	273326	chckathana.health.anand1@gmail.com

પ્રાથમિક આરોગ્ય કેન્દ્રોની માહિતી :-

Primary Health Centre Medical Officer (PHC MO)							
SR · N O	TALUK A NAME	PHC NAME	MEDICAL OFFICER NAME	MOBILE NO	LANDLINE NO		E-MAIL ID
					STD Code	Numbe r	
1	ANAND	ADAS	DR.Prachi Parmar	7874183520	02692	284565	phcadas.health.anand@gmail.com
2	ANAND	AJARPURA	DR .SHRUTI H DEVMURARI	9426708456	02692	285635	phcajarpura.health.anand@gmail.com
3	ANAND	BORIAVI	Dr. Gunvantray isarwadia	7567870030	02692	230438	phcbakrol.health.anand@gmail.com
4	ANAND	CHIKHODRA	Dr. Darshit M. Patel	7567870031	02692	271675	phcboriavi.health.anand@gmail.com
5	ANAND	KUNJRAV	Dr Nidhiben S Kalavadiya	7990389362	02692	255255	phcchikhodara.health.anand@gmail.com
6	ANAND	NAVLI	Dr.Dharsti Delwadia	9925552957	02692	222234	phckaramsad.health.anand@gmail.com
7	ANAND	PHC KARAMSAD	DR.AMISHA GABANI	7567870032	02692	286610	phckunjrav.health.anand@gmail.com
8	ANAND	RASNOL	Dr Ketan R Machhi	9974569423	02692	283263	phcnavli.health.anand@gmail.com
9	ANAND	Vadod	DR PARTH KHANPARA	7984570277	02692	273524	phcrasnol.health.anand@gmail.com
10	ANAND	VERAKHADI	DR VEDANT VYASH	8980781003	02692	280659	phcvadod.health.anand@gmail.com
11	ANAND	VVNAGAR	DR SHRUTI VAGHELA	7567870029	02692	272917	phcverakhadi.health.anand@gmail.com
12	Anklav	Bamangam	Dr. Suraj Parmar	7567870333	02696	287625	phcbamangam.health.anand@gmail.com

13	Anklav	Bhetasi	Dr. R.B. Parmar	7567870335	0269 6	272300	phcbhetasi.health.anand@gmail.com
14	Anklav	Khadol(H)	Dr. Chandani Chadwani	7567870338	0269 6	284877	phckhadol.health.anand@gmail.com
15	Borsad	Alarsa	DR Krutiben D Shah	7567870331	0269 6	271922	phcalarsa.health.anand@gmail.com

Primary Health Centre Medical Officer

(PHC MO)							
SR. N O	TALUKA NAME	PHC NAME	MEDICAL OFFICER NAME	MOBILE NO	LANDLINE NO		E-MAIL ID
					STD Code	Numbe r	
16	BORSAD	BADALPUR	Dr. Rajnandan Prasad	798464401 3	0269 6	273316	phcbadalpur.health.anand@gmail.com
17	Borsad	Bhadran	Dr.Rakesh Avsthi	769828698 9	0269 6	288388	phcbhadaran.health.anand@gmail.com
18	BORSAD	Bochasan	Dr.Twisha Parikh	846948014 1	0269 6	221314	phcdavol.health.anand@gmail.com
19	BORSAD	Dahevan	Dr.Chirag Patel	897522743 3	0269 6	273326	phcdehvan.health.anand@gmail.com
20	Borsad	Sisva	Dr Bakul Rana	756787033 9	0269 6	273326	phckathana.health.anand@gmail.com
21	BORSAD	VIRSAD	Dr. Gunjan K Jadav	756787034 0	0269 6	283623	phcnapa.health.anand@gmail.com
22	Borsad	Zarola	Dr.Saurav Patel	834747130 6	0269 6	288503	phcsisva.health.anand@gmail.com
23	Borsad	Davol	Dr Preksha Jain	756787033 6	0269 6	285681	phczarola.health.anand@gmail.com
24	Borsad	Napa	Dr.Alok Mina	701628980 0	0269 7	244256	phcvirsad.health.anand@gmail.com
25	Borsad	Kanbha	Dr.shilpaben Chauhan	756787033 7	-	-	phcbochasan.health.anand@gmail.com
26	Khambhat	Bamanava	Dr. Devesha Thakore	756787024 1	0269 8	287651	phcbamanva.health.anand@gmail.com
27	Khambhat	Dhuvaran	Dr.Kuldip Desai	756787025 6	0269 8	242175	phcdhuvaran.health.anand@gmail.com
28	Khambhat	Kalamasar	Dr.Bhavik Paramar	756787025 1	0269 8	282628	phcrohini.health.anand@gmail.com
29	Khambhat	Rohini	Dr.Bijal Modi	756787024 5	0269 8	286616	phcsayama.health.anand@gmail.com
30	Khambhat	Sayma	Dr.Abhi Sonigara	756787024 6	-	-	phckalamsar.health.anand@gmail.com
31	Khambhat	Undel	Dr.Abde Raheman Radhanpuri	925200076	0269 8	285642	phcundel.health.anand@gmail.com

Primary Health Centre Medical Officer

(Phc Mo)							
Sr. No	Taluka Name	Phc Name	Medical Officer Name	Mobile No	Landline No		E-Mail Id
					Std Code	Number	
32	Khambhat	Vadgam	Dr,Bhavya D Vaja	7359594174	02698	282319	Phcvadgam.Health.Anand@Gmail.Com
33	Khambhat	Vatadara	Dr. Pranay Parimal	7433823286	02698	283639	Phcvatadara.Health.Anand@Gmail.Com
34	Petlad	Bandhani	Dr. Tirth Patel	7567870140	02697	247782	Phcbandhani.Health.Anand@Gmail.Com
35	Petlad	Changa	Vacant		02697	247752	Phcchanga.Health.Anand@Gmail.Com
36	Petlad	Morad	Dr.Vidhi Shah	99244599821	02692	281619	Phcmorad.Health.Anand@Gmail.Com
37	Petlad	Nar	Dr. Dhruv Rana	7567870144	02697	246635	Phcnar.Health.Anand@Gmail.Com
38	Petlad	Pandoli	Dr. Saurabh Parmar	9099913460	-	-	-
39	Petlad	Sihol	Dr. Yamunesh Patel	7486961863	02692	281618	Phcsihol.Health.Anand@Gmail.Com
40	Petlad	Simarda	Dr Rutvi Rajesh Jain	7567870137	02697	252536	Phcsimarda.Health.Anand@Gmail.Com
41	Petlad	Vadadala	Dr Meenal Sangadiya	9624765057	02697	244513	Phcvadadala.Health.Anand@Gmail.Com
42	Sojitra	Dabhou	Dr Dhara Patel	9537865628	02697	239612	Phcdabhou.Health.Anand@Gmail.Com

Primary Health Centre Medical Officer

(PHC MO)							
Sr. No	Taluka Name	Phc Name	Medical Officer Name	Mobile No	Landline No		E-Mail Id
					Std Code	Number	
43	Sojitra	Deva Talpad	Dr Ruchir Bhatt	7567870142	-	-	-
44	Sojitra	Piplav	Dr.Fuzi Padaliya	7347222722	02697	238950	Phcdevatalpad.Health.Anand@Gmail.Com
45	Tarapur	Budhej	Dr.Harsil Patel	7567870242	-	-	Phcbudhej.Health.Anand@Gmail.Com
46	Tarapur	Khada	Dr. R.K Zula	9429468009	-	-	-
47	Tarapur	Khanpur	Dr.Harsh Buch	9428498951	02698	258988	Phckhada.Health.Anand@Gmail.Com
48	Umreth	Bharoda	I/C Dr.Umar Meman	8200011345	02692	286644	Phcbhalej.Health.Anand@Gmail.Com
49	Umreth	Sundalpura	Dr.Kushal Modi	7567870482	02692	282553	Phcbharoda.Health.Anand@Gmail.Com

50	Umreth	Thamna	Dr Varad Thumar	7567870472	02692	279228	Phcpansora.Health.Anand@Gmail.Com
51	Umreth	Bhalej	Dr.Nakarani Raj	7567870488	02692	282569	Phcshili.Health.Anand@Gmail.Com
52	Umreth	Shili	Dr.Umar Meman	8200011345	02692	279910	Phcsundalpura.Health.Anand@Gmail.Com
53	Umreth	Pansora	Dr.Ronak Asari	7567870470	02692	276178	Phcthamna.Health.Anand@Gmail.Com

Annexure 7: List of Aapda Mitra in Anand District

આણંદ તાલુકાની વિગત દર્શાવતું પત્રક

અ.નં.	આપદા મિત્રનું નામ	સરનામું	આધારકાર્ડ નં.	મોબાઇલ નં.
૧	અરવિંદભાઈ બબુભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૨૩૭૮૬૩૦૫૬૬૬૦	૭૨૦૨૮૫૭૪૫૬
૨	મુકેશભાઈ અરવિંદભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૮૭૩૩૧૨૮૮૮૧૪૧	૮૧૫૬૦૪૮૫૮૧
૩	અરવિંદભાઈ પ્રભાતભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૮૭૦૬૨૫૧૪૩૫૪૨	૬૩૫૪૬૮૮૧૪૮
૪	બુધાભાઈ સોમાભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૫૭૬૯૨૦૯૭૬૮૧૮	૬૩૫૩૬૭૮૪૯૧
૫	કલ્પેશભાઈ અરવિંદભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૨૦૪૦૪૭૯૮૮૮૩૪	૯૯૨૪૩૮૫૮૫૧
૬	અર્જુનભાઈ રમણભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૬૮૨૨૧૪૨૭૪૭૮૭	૯૮૯૮૨૭૭૦૯૧
૭	કનુભાઈ સોમાભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૪૦૭૬૫૦૦૩૯૭૮૩	૯૫૫૮૫૦૭૦૫૮
૮	ધીરુભાઈ ચતુરભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૮૫૦૧૭૧૭૬૬૮૩૬	૯૭૨૩૭૯૬૫૨૦
૯	જગદીશભાઈ ઇશ્વરભાઈ ઠાકોર	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૪૮૫૧૧૪૨૨૦૯૯૯	૭૦૯૬૬૪૯૭૯૫૫
૧૦	મહેશભાઈ રમણભાઈ ઠાકોર	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૯૮૪૨૬૪૫૨૫૩૫૬	૯૫૧૨૩૦૩૪૦૩
૧૧	સંજયભાઈ ગણપતભાઈ ગામેચી	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૮૫૨૭૯૫૪૯૮૪૫૭	૬૩૫૩૭૬૦૪૪૩
૧૨	ગોપાલભાઈ મોહનભાઈ ઠાકોર	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૭૭૧૮૯૦૪૯૦૦૫૩	૭૦૪૬૫૬૦૪૮૫
૧૩	જીતુભાઈ ભાઈલાલભાઈ ઠાકોર	વહેરાખાડી,તા.જી-આણંદ,ઠે.નદી વિસ્તાર	૭૪૪૭૬૦૪૮૨૮૩૪	૯૫૭૪૯૩૩૧૫૩
૧૪	નરેશભાઈ રામાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૫૯૦૭૩૬૯૩૦૭૫૮	૯૮૭૯૭૭૬૪૪૮
૧૫	પૂનમભાઈ શનાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૬૦૮૬૫૪૭૫૨૯૧૧	૯૮૯૮૮૪૭૯૫૯
૧૬	પ્રવિણભાઈ રતિલાલ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૯૨૫૩૩૩૦૦૬૭૯૨	૯૧૭૩૧૧૭૮૯૨
૧૭	ઠાકોરભાઈ મંગળભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૯૪૮૩૭૭૭૯૬૪૨૧	
૧૮	ભુવેન્દ્રભાઈ સોમાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૭૨૪૨૫૧૦૫૮૬૦૭	૯૪૨૭૮૬૭૯૯૦
૧૯	કમલેશભાઈમાનસિંગભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૫૧૯૮૮૦૭૬૬૪૪૮	૭૪૮૭૮૭૭૮૯૬
૨૦	રાજુભાઈ શનાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૫૯૭૨૫૪૯૩૨૪૫૫	૯૭૨૬૫૮૫૪૭૫
૨૧	સુનિલભાઈ શનાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૬૫૭૯૫૩૭૯૫૨૧૧	
૨૨	સુમનભાઈ રામાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૬૭૧૯૫૫૪૨૬૬૪૬	૮૩૨૦૯૧૦૪૦૨
૨૩	લાલજીભાઈ બુધાભાઈ ગામેચી	મહિસાગર મંદિર સામે વાસદ	૬૭૮૪૧૨૪૦૩૪૧૨	
૨૪	ગામેચી રણછોડભાઈ બી.	ખેરડા તા.જી- આણંદ	૬૪૭૨૮૯૨૩૩૭૨૦	૯૭૨૪૨૧૩૨૪૧
૨૫	ગામેચી શનાભાઈ સી.	ખેરડા તા.જી- આણંદ	૮૧૧૪૪૪૧૫૦૭૭૮	૯૭૩૭૬૩૬૧૧૩
૨૬	પ્રવિણભાઈ માધાભાઈ પરમાર	મુ.વહેરાખાડી તા.જી.આણંદ	૯૮૨૬૬૫૬૮૨૨૨૬	૭૩૮૩૦૦૨૫૫૩
૨૭	ગુજાભાઈ વાદી	મુ.આંકલાવડી તા.જી.આણંદ	૬૯૯૯૬૨૩૯૮૩૨૩	૯૬૬૨૮૯૫૨૨૪
૨૮	વિક્રમભાઈ કનુભાઈ પરમાર	મુ.રાજુપુરા તા.જી.આણંદ	૭૮૦૨૪૨૫૨૧૩૫૬	૯૬૦૧૯૮૦૧૦૮
૨૯	નંદેસરીયા ધમેન્દભાઈ રમણભાઈ	મુ.રાજુપુરા તા.જી.આણંદ	૭૮૨૨૯૦૫૪૭૩૨૩	૯૯૭૯૩૫૭૭૫૪
૩૦	પરમાર નિલેશભાઈ ભીખાભાઈ	મુ.રાજુપુરા તા.જી.આણંદ	૩૨૯૮૯૫૩૨૩૬૫૮	૯૯૭૯૩૫૭૭૫૪

પેટલાદ તાલુકો આપદા મિત્રની વિગત દર્શાવતું પત્રક

ક્રમ	આપદા મિત્રનું નામ	સરનામું	મોબાઈલ નંબર	આધારકાર્ડ નંબર
૧	ધનશ્યામભાઈ કીરણભાઈ પટેલ	રહે.સુભાષપોળ, મુ.આશી તા.પેટલાદ	૬૩૫૨૧ ૨૧૧૮૯	૩૨૯૪ ૮૬૯૭ ૪૭૮૬
૨	અશોકભાઈ ચતુરભાઈ પરમાર	રહે.સલુણ તલાવડી મુ.મોરડ તા.પેટલાદ	૯૬૦૧૭ ૪૩૧૬૦	૫૬૧૩ ૦૩૦૮ ૪૦૮૨
૩	લક્ષ્મણભાઈ પુનમભાઈ વાદી	મુ.ડેમોલ તા.પેટલાદ	૯૯૦૯૭ ૩૦૦૪૭	૮૪૭૪ ૫૮૮૫ ૦૯૪૧
૪	રણજીત પુજાભાઈ સોલંકી	રહે.મહાદેવ ફળિયુ, મુ.સાંસેજ તા.પેટલાદ	૯૭૨૬૦ ૨૨૯૨૧	૨૩૭૯ ૧૦૩૫ ૨૫૩૧
૫	મહેંદ્રભાઈ અંબાલાલ પટેલ	રહે.આઝાદ ફળિયુ, મુ.માનપુરા તા.પેટલાદ	૯૫૧૦૨ ૮૩૮૨૦	૮૩૮૪ ૭૪૯૧ ૧૪૮૮
૬	મનુભાઈ બાબુભાઈ ઠાકોર	રહે.રબારીવાસ, મુ.સુંદરા તા.પેટલાદ	૯૩૧૬૪ ૯૦૩૬૨	૩૭૫૯ ૯૬૧૨ ૨૪૦૫
૭	હસમુખભાઈ એમ ચાવડા	રહે. કોઠીવાળુ ફળિયુ, મુ.જોગણ તા.પેટલાદ	૯૭૧૪૦ ૬૬૧૩૨	૪૯૭૪ ૦૩૭૫ ૪૩૫૮
૮	જશવંતગીરી એમ ગોસાઈ	રહે.સોલંકીવાસ મુ.સાંસેજ તા.પેટલાદ	૭૯૮૪૮ ૯૯૭૨૬	૭૮૬૪ ૮૨૬૮ ૮૮૫૮
૯	મુકેશભાઈ પ્રભુદાસ વાળંદ	રહે.અંબિકાયોક, મુ.માનપુરા તા.પેટલાદ	૯૯૧૩૨ ૬૩૫૩૬	૪૩૧૨ ૯૪૯૨ ૬૫૫૩
૧૦	સંજયભાઈ ડાહ્યાભાઈ તળપદા	મુ.સીંહોલ તા.પેટલાદ	૬૩૫૨૬ ૮૦૪૫૮	૨૨૮૫ ૫૬૮૫ ૪૪૨૫
૧૧	કમલેશભાઈ કાંતીભાઈ પાવા	રહે.તલાવ પાસે, મુ.યાંગા તા.પેટલાદ	૭૨૨૭૦ ૬૧૦૪૨	૩૨૩૯ ૯૪૦૮ ૪૬૫૪
૧૨	રાજુભાઈ મફતભાઈ ઠાકોર	રહે.ભાથીજી ફળિયુ, મુ.વિશ્રામપુરા તા.પેટલાદ	૯૬૩૮૫ ૬૧૪૫૨	૪૪૫૬ ૫૩૪૯ ૨૯૯૨
૧૩	શોહીલમીયા અમીરમીયા મલેક	રહે.મસ્જીદ પાસે, મુ.સિલવાઈ તા.પેટલાદ	૭૬૦૦૮ ૭૪૧૨૩	૩૯૫૬ ૮૮૬૧ ૮૧૪૬
૧૪	રમેશભાઈ છોટાભાઈ તળપદા	મુ.પાળજ તા.પેટલાદ	૬૩૫૫૭ ૭૯૨૦૯	
૧૫	શનાભાઈ છોટાભાઈ તળપદા	મુ.ફાંગણી તા.પેટલાદ	૯૯૭૯૨ ૭૯૧૮૦	૨૬૬૦ ૦૩૨૦ ૩૦૩૯
૧૬	મહેશભાઈ એન ભરવાડ	મુ.બોરીયા તા.પેટલાદ	૬૩૫૧૪ ૫૯૩૩૫	
૧૭	જયમીનભાઈ પ્રભુભાઈ પટેલ	રહે.બસ સ્ટેન્ડ પાસે, મુ.રૂપિયાપુરા તા.પેટલાદ	૮૮૪૯૩ ૯૫૬૨૭	૩૪૧૦ ૮૪૩૨ ૧૬૧૩
૧૮	ભરતભાઈ (રાજુભાઈ) ચંદુભાઈ વાઘરી	રહે.વાઘરીવાસ, મુ.સુંદરણા તા.પેટલાદ	૯૦૨૩૭ ૧૨૬૪૯	૭૯૩૪ ૯૮૯૮ ૬૦૮૩

૧૯	અશીશકુમાર મંગળદાસ પંડ્યા	રહે. ટાવર પાસે, મુ.દંતાલી તા.પેટલાદ	૯૭૨૩૦ ૭૮૨૨૧	૮૯૭૩ ૩૬૨૧ ૬૧૯૧
૨૦	અરવિંદભાઈ બચુભાઈ પરમાર	મુ.બામરોલી તા.પેટલાદ	૮૧૬૦૪ ૭૩૬૧૨	૩૫૪૮ ૦૫૮૪ ૯૬૭૧
૨૧	વિજયભાઈ રાજેન્દ્રભાઈ પઢિયાર	રહે.પરા વિસ્તાર, મુ.વિરોલ (સી) તા.પેટલાદ	૯૭૨૪૧ ૩૭૧૦૩	૨૯૨૫ ૭૬૪૪ ૭૧૦૩
૨૨	રાજુભાઈ મથુરભાઈ તળપદા	રહે.વાઘરીવાસ મુ.ભવાનીપુરા તા.પેટલાદ	૯૬૩૮૪ ૫૫૬૯૯	૭૫૮૭ ૮૨૩૧ ૫૭૧૪
૨૩	પ્રતાપભાઈ ડી ચૌહાણ	રહે.મંદિરવાળુ ફળિયુ મુ.ઘેર્યપુરા તા.પેટલાદ	૯૬૦૧૧ ૯૯૯૮૦	૯૯૫૫ ૬૫૪૬ ૫૬૮૭
૨૪	રમેશભાઈ ગોરધનભાઈ તળપદા	રહે.ભાથીજી ફળિયુ, મુ.રામોદડી તા.પેટલાદ	૮૩૨૦૩ ૪૨૯૮૬	૨૭૮૫ ૦૬૬૮ ૩૭૯૧
૨૫	ગોલાભાઈ ઈશ્વરભાઈ ચૌહાણ	મુ.અગાસ તા.પેટલાદ	૯૯૦૪૧ ૯૯૩૮૦	
૨૬	આશીષકુમાર જશભાઈ પટેલ	રહે.દયમવાડ, મુ.નાર તા.પેટલાદ	૯૮૨૪૨ ૧૮૨૩૩	૫૫૦૯ ૭૧૪૨ ૭૭૭૧
૨૭	જયેશભાઈ સોમાભાઈ ઠાકોર	રહે.બીજલવાળૂ સીમ, મુ.ભુરાકોઈ તા.પેટલાદ	૬૩૫૧૪ ૮૪૯૭૮	૫૯૧૫ ૭૯૩૬ ૬૨૦૬
૨૮	દિનેશભાઈ રમણભાઈ તળપદા	રહે.પાણીની ટાંકી પાસે, મુ.વડદલા તા.પેટલાદ	૯૯૧૩૪ ૫૧૨૨૦	૬૯૦૨ ૮૦૦૯ ૧૪૪૮
૨૯	સુરેશભાઈ વરસનભાઈ તળપદા	રહે.નરસિંહ ફળિયુ, મુ.કણીયા તા.પેટલાદ	૯૯૭૮૫ ૬૭૨૯૦	૨૮૫૪ ૩૮૮૧ ૩૪૨૭
૩૦	દિનેશભાઈ મંગળભાઈ પટેલ	રહે.વાડીચોક, મુ.ધર્મજ તા.પેટલાદ	૯૮૭૯૭ ૨૮૮૦૯	૫૧૩૬ ૮૪૬૩ ૯૫૪૭

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અનુ	ગામ નું નામ	નામ	મોબાઈલ નંબર
૧	લીબાલી	સોલંકી મનુભાઈ શનાભાઈ	૭૫૭૨૯૬૪૯૭૦
૨	લીબાલી	સોલંકી કનુભાઈ રમણભાઈ	૯૯૦૯૬૩૪૨૬૧
૩	લીબાલી	વાઘરી રાજુભાઈ ખુશાલભાઈ	૯૯૦૯૬૮૨૭૦૮
૪	મેઘલપુર	છત્રસિંહ યુનીભાઈ જાદવ	૯૯૧૩૮૩૦૩૮૩
૫	મેઘલપુર	વિરમલસિંહ યુનીભાઈ જાદવ	૯૫૫૮૯૪૯૨૫૭
૬	મેઘલપુર	કલ્પેશભાઈ પુનમભાઈ જાદવ	૬૩૫૩૫૭૦૯૩૬
૭	કોઠાવી	નિતીનભાઈ પટેલ	૮૩૨૦૭૭૯૦૮૨
૮	કોઠાવી	મુકેશભાઈ પરમાર	૯૬૨૫૧૮૨૫૬૨
૯	કોઠાવી	વિજયભાઈ પી. પટેલ	૯૫૧૦૨૫૨૦૭૨

૧૦	કોઠાવી	આશાભાઈ પરમાર	૯૩૨૮૫૯૫૨૦
૧૧	વિરોલ સો	રમેશભાઈ ગાંડાભાઈ રાઠોડ	૬૩૫૧૭૨૯૮૯૬
૧૨	વિરોલ સો	યશવંતભાઈ ચતુરભાઈ પટેલ	૯૮૭૯૭૭૫૦૭૮૩
૧૩	વિરોલ સો	રણજીતસિંહ માધવસિંહ સોલંકી	૯૯૧૩૯૮૦૬૫૭
૧૪	વિરોલ સો	નેલેશભાઈ એસ તળપદા	૯૦૧૬૯૮૩૧૧૦
૧૫	ભડકદ	રમેશભાઈ અમૃતભાઈ રાઠોડ	૯૨૬૫૯૧૧૯૩૫
૧૬	ભડકદ	પ્રિતેશભાઈ પ્રવિણભાઈ પટેલ	૯૭૧૪૨૫૫૮૧૮
૧૭	ભડકદ	રમેશભાઈ રણછોડભાઈ પટેલ	૯૯૨૫૬૧૪૬૦૨
૧૮	ભડકદ	મહેશભાઈ ડાહ્યાભાઈ વણકર	૮૪૬૯૭૭૧૩૯૭
૧૯	ભડકદ	મહેશભાઈ નટુભાઈ પટેલ	૯૪૦૯૫૮૧૩૧૮
૨૦	ખણસોલ	અરવિંદભાઈ મથુરભાઈ વ્યાસ	૯૦૧૬૭૬૪૪૫૧
૨૧	ખણસોલ	અનિલભાઈ રણછોડભાઈ પટેલ	૯૫૮૬૯૭૨૨૧૭
૨૨	ખણસોલ	પુનમભાઈ છગનભાઈ પરમાર	૯૬૮૭૪૭૬૪૬૧
૨૩	ખણસોલ	જસવંતભાઈ ભીખભાઈ પરમાર	૯૫૧૦૭૮૯૬૫૭
૨૪	ખણસોલ	અમૃતભાઈ રામાભાઈ પરમાર	૭૦૯૬૫૨૬૬૭૯
૨૫	બાંટવા	ધર્મેન્દ્રભાઈ રામભાઈ પરમાર	૯૯૭૯૭૬૭૫૮૬
૨૬	બાંટવા	દશરથભાઈ છોટાભાઈ પરમાર	૯૦૯૯૭૮૦૯૦૯
૨૭	બાંટવા	લાલજીભાઈ બુધાભાઈ પરમાર	૭૦૧૬૩૦૫૬૦૭
૨૮	બાંટવા	પ્રહલાદભાઈ કાભઈભાઈ પરમાર	૯૭૧૪૨૯૬૦૭૩
૨૯	બાંટવા	રણજીતભાઈ અમરસંગભાઈ પરમાર	૮૧૪૧૨૩૨૩૫૫
૩૦	કાસોર	કાંતિભાઈ કુલાભાઈ પરમાર	૯૩૨૮૫૩૧૨૫૪
૩૧	કાસોર	બચુભાઈ પિતાંબરભાઈ પરમાર	૯૯૦૪૧૨૦૮૦૮
૩૨	કાસોર	દિનેશભાઈ મેલાભાઈ પરમાર	૯૫૧૦૯૮૨૧૩૩
૩૩	કાસોર	રમેશભાઈ શંકરભાઈ પરમાર	૯૫૩૭૬૨૧૬૨૩
૩૪	કાસોર	જનકભાઈ બાબુભાઈ પટેલ	૯૭૩૭૨૨૯૫૯૮
૩૫	.ત્રંબોવાડ	જયંતીભાઈ પુનમભાઈ ચૌહાણ	૯૬૨૪૫૯૧૦૫૪
૩૬	.ત્રંબોવાડ	ઈશ્વરભાઈ રામાભાઈ ચૌહાણ	૭૦૪૬૧૭૧૬૦૫
૩૭	.ત્રંબોવાડ	પરેશભાઈ રાવજીભાઈ ચૌહાણ	૮૧૪૦૧૯૯૯૨૬
૩૮	.ત્રંબોવાડ	રમેશભાઈ મગનભાઈ ચૌહાણ	૯૯૧૩૬૦૪૪૦૭
૩૯	.ત્રંબોવાડ	ભીમસિંહ ઉદેસિંહ ચૌહાણ	૭૫૬૭૦૧૪૨૨૬
૪૦	મલાતજ	મહિડા કરણસિંહ અજિતસિંહ	૯૧૦૬૪૫૬૬૪૮
૪૧	મલાતજ	બારૈયા કનુભાઈ હાથીભાઈ	૭૫૬૭૭૫૧૦૭૨
૪૨	મલાતજ	પટેલ જતિનભાઈ ચંદુભાઈ	૯૭૩૭૨૨૯૫૯૭
૪૩	મલાતજ	પરમાર બલવંતભાઈ મંગળભાઈ	૯૬૦૧૭૬૦૫૧૩
૪૪	મલાતજ	રોહિત પ્રવિણભાઈ દિનેશભાઈ	૬૩૫૧૫૮૦૧૫૫
૪૫	મલાતજ	રાઠવા રમેશભાઈ ઉદલભાઈ	૯૯૯૮૨૬૮૦૫૮
૪૬	મલાતજ	પરમાર કનુભાઈ નરસિંહભાઈ	૯૯૭૯૯૮૩૭૫૨
૪૭	મલાતજ	પટેલ યગ્નેશભાઈ અંબાલાલ	૯૫૫૮૭૩૯૫૭૬

૪૮	મલાતજ	પટેલ ભાવેશભાઈ અરવિંદભાઈ	૯૫૫૮૧૮૩૦૫૮
૪૯	મલાતજ	મહિડા અરૂણભાઈ કનકસિંહ	૯૭૨૪૧૨૧૫૪૨
૫૦	પીપળાવ	ભરતભાઈ નટુભાઈ રાવળ	
૫૧	પીપળાવ	પરેશભાઈ રાવજીભાઈ ઠાકોર	૯૭૨૬૧૧૮૬૯૬
૫૨	પીપળાવ	મહેશભાઈ મફતભાઈ ઠાકોર	૬૩૫૩૧૭૨૨૪૪
૫૩	પીપળાવ	સ્મીતભાઈ નલીનભાઈ પટેલ	૭૦૧૬૯૩૧૭૩૦
૫૪	પીપળાવ	અમિતભાઈ મહેન્દ્રભાઈ પટેલ	૯૯૨૪૧૭૭૦૭૨
૫૫	દેવાતજ	કિરણભાઈ પરસોતમભાઈ હરિજન	૬૩૫૧૭૭૫૨૫૫
૫૬	દેવાતજ	સમીપભાઈ મહેશભાઈ હરિજન	૬૩૫૩૫૭૫૫૮૫
૫૭	દેવાતજ	સોલંકી અર્જુનભાઈ યુનીભાઈ	૯૯૭૪૮૮૫૦૩૯
૫૮	દેવાતજ	જગદીશભાઈ રામાભાઈ પરમાર	૯૩૨૮૧૫૭૭૦૩
૫૯	દેવાતજ	સતીષભાઈ ભીખાભાઈ સોલંકી	૯૯૭૪૯૬૩૧૭૨
૬૦	પલોલ	બળવંતભાઈ ગોરધનભાઈ પરમાર	૯૭૨૬૮૫૩૭૭૦
૬૧	પલોલ	ચંદુભાઈ ઉમેદભાઈ પરમાર	૯૯૦૯૬૩૪૨૪૦
૬૨	પલોલ	અમિતભાઈ પ્રેમસુખભાઈ પટેલ	૯૯૭૯૦૭૯૧૩૪
૬૩	પલોલ	કેતનભાઈ હિતેશભાઈ પટેલ	૯૩૭૬૧૮૭૫૩૭
૬૪	પલોલ	કમલેશભાઈ અરવિંદભાઈ પટેલ	૯૩૧૬૪૭૨૨૨૩
૬૫	પલોલ	બાબુભાઈ ધુળાભાઈ પરમાર	૯૭૫૮૭૦૧૨૮૮
૬૬	ડાલી	રાજેશભાઈ સોમાભાઈ પરમાર	૯૯૭૯૪૮૪૭૮૦
૬૭	ડાલી	મેલાભાઈ અંબાલાલ પરમાર	૯૭૩૭૪૮૨૪૫૧
૬૮	ડાલી	અલ્પેશભાઈ રાઈસંગભાઈ પરમાર	૭૩૫૯૨૪૨૩૧૯
૬૯	ડાલી	અલ્પેશભાઈ નટુભાઈ પરમાર	૯૯૨૪૧૮૩૭૪૯
૭૦	ડાલી	ઉત્તમકુમાર નટુભાઈ પરમાર	૯૨૬૫૪૫૯૮૦૮
૭૧	બાલીન્ટા	અશ્વીનભાઈ બાબુભાઈ સોલંકી	૯૮૫૩૩૯૨૫૨૬
૭૨	બાલીન્ટા	વિનુભાઈ મગનભાઈ રોહિત	૯૯૭૯૮૪૪૫૦૨
૭૩	બાલીન્ટા	દિલીપભાઈ બાબુભાઈ સોલંકી	૯૭૨૫૩૪૩૨૦૧
૭૪	બાલીન્ટા	ગણપતભાઈ ફતાભાઈ સોલંકી	૭૬૦૦૨૪૪૬૭૬
૭૫	બાલીન્ટા	વિપુલભાઈ પ્રવિણભાઈ પટેલ	૯૭૧૪૭૬૮૩૧૮
૭૬	બાલીન્ટા	ચંદ્રકાંતભાઈ રાવજીભાઈ સોલંકી	૯૩૨૮૫૬૪૯૦૧
૭૭	ગાડા	ઠાકોરભાઈ સુરાભાઈ સોલંકી	૬૩૫૪૫૪૩૩૯૦
૭૮	ગાડા	કનુભાઈ ભીખુભાઈ રબારી	૬૩૫૫૩૭૧૫૨૨
૭૯	દેવાતળપદ	ધનશ્યામભાઈ લક્ષ્મણભાઈ ગોહેલ	૯૭૧૪૪૭૫૪૯૬
૮૦	દેવાતળપદ	સાભઈભાઈ સબુરભાઈ ગોહેલ	૮૧૪૦૨૩૭૫૧૧
૮૧	દેવાતળપદ	પ્રવિણસિંહ સરદારસિંહ પરમાર	૬૩૫૯૧૯૨૭૬૬
૮૨	દેવાતળપદ	કાંતિભાઈ રાવજીભાઈ રાવળ	૯૯૮૦૪૫૮૨૩૧
૮૩	દેવાતળપદ	રામજીભાઈ અંબાલાલ	
૮૪	દેવાતળપદ	મનુભાઈ મગનભાઈ ગોહેલ	૯૭૩૭૩૮૬૯૩૫
૮૫	દેવાતળપદ	અરવિંદભાઈ બાબુભાઈ ગોહેલ	૯૬૨૪૫૩૫૧૦૯

૮૬	દેવાતળપદ	રતિલાલ મેલાભાઈ ગોહેલ	૯૬૨૪૭૬૬૭૫૨
૮૭	દેવાતળપદ	ગોરધનભાઈ ત્રિકમભાઈ સોલંકી	૯૯૭૮૦૮૮૬૨૨
૮૮	મઘરોલ	સોમાભાઈ રઈજીભાઈ રાઠોડ	૯૮૯૮૪૩૨૮૦૭
૮૯	મઘરોલ	નરેશભાઈ વિનુભાઈ રાઠોડ	૯૬૨૪૩૯૪૧૯૦
૯૦	મઘરોલ	નરસિંહભાઈ નારણભાઈ રોહિત	૭૬૨૩૯૯૭૩૨૪
૯૧	મઘરોલ	સુરેશભાઈ જયંતીભાઈ રાઠોડ	૯૩૨૮૩૯૫૬૯૧
૯૨	મઘરોલ	રમેશભાઈ બાબુભાઈ રાઠોડ	૬૩૫૬૯૯૯૮૬૦૮
૯૩	મઘરોલ	મહેશભાઈ ફતાભાઈ રાઠોડ	૯૦૫૪૦૨૪૫૧૯
૯૪	મઘરોલ	મનુભાઈ સુરસંગભાઈ રાઠોડ	૯૮૯૯૯૦૧૦૪૧
૯૫	મઘરોલ	પ્રફુલભાઈ રમેશભાઈ રાઠોડ	૯૦૫૪૮૪૮૩૪૯
૯૬	મઘરોલ	સંજયભાઈ આશાભાઈ રાઠોડ	૭૭૭૭૯૦૩૬૦૮
૯૭	મઘરોલ	વિજયભાઈ રાયસંગભાઈ રાઠોડ	૯૩૨૮૨૩૦૪૮૯
૯૮	ઈસણાવ	મહેશભાઈ મણીભાઈ પટેલ	૯૯૭૯૯૫૫૮૦૮
૯૯	ઈસણાવ	કિંજલભાઈ જનકભાઈ પટેલ	૭૮૦૨૮૧૦૯૨૪
૧૦૦	ઈસણાવ	ડાહ્યાભાઈ છોટાભાઈ સેનવા	૯૯૦૯૩૪૬૫૯૬
૧૦૧	ઈસણાવ	દિલિપભાઈ રમણભાઈ પટેલ	૯૮૨૫૯૯૨૨૫૩
૧૦૨	ઈસણાવ	વિજયભાઈ મનુભાઈ પરમાર	૯૫૧૨૩૦૧૫૫૩
૧૦૩	ડભોઉ	ભીખાભાઈ તળશીભાઈ રોહિત	૯૫૭૪૦૮૬૬૩૬
૧૦૪	ડભોઉ	શંભુભાઈ હરમાનભાઈ ઠાકોર	૯૯૦૪૬૦૧૩૩૩
૧૦૫	ડભોઉ	જગદિશભાઈ કેશવભાઈ વણકર	૯૬૨૪૮૩૪૭૫૩
૧૦૬	ડભોઉ	વાળંદ હિતેશભાઈ હર્ષદભાઈ	૯૫૫૮૧૦૪૨૪૨

તારાપુર

ક્રમ	નામ	ગામનું નામ	મો.નં	વૈકલ્પિક સંપર્ક નંબર	રીમાર્ક્સ
૧.	રાવળ રાજુભાઈ બાબુભાઈ	મહિયારી	૬૩૫૩૮૨૯૯૭૪	-	-
૨.	જિતેન્દ્રસિંહ દિલીપસિંહ સોલંકી	ઈસરવાડા	૯૯૭૮૨૮૬૦૫૬	-	-
૩.	મકવાણા વિષ્ણુભાઈ હરજીભાઈ	નવી રેલ	૯૫૭૪૫૫૦૩૧૯	-	-
૪.	ચાવડા વિરજીભાઈ જેસંગભાઈ	ઈન્દ્રણજ	૮૧૬૦૯૧૨૦૭૫	-	-
૫.	નાયક રાજેશભાઈ નાનુભાઈ	ઈન્દ્રણજ	૭૨૨૬૯૬૨૩૭૨	-	-
૬.	સોલંકી નરેન્દ્રસિંહ ગંભીરસિંહ	ઈસરવાડા	૮૧૪૧૨૦૪૯૬૨	-	-
૭.	હિતેન્દ્રસિંહ હિમંતસિંહ પરમાર	મોટા કલોદરા	૭૩૫૯૦૦૮૦૯૫	-	-
૮.	વિજયસિંહ મદારસંગ પઢીયાર	મોટા કલોદરા	૯૭૧૨૮૪૭૫૫૫	-	-
૯.	વિજયસિંહ રાયસંગભાઈ પરમાર	દુગારી	૯૫૭૪૨૯૭૯૭૧	-	-
૧૦.	જગતસિંહ કાળુભા પરમાર	દુગારી	૯૯૦૯૬૮૩૪૮૨	-	-
૧૧.	કાનાણી કનુભાઈ પ્રેમાભાઈ	મિલરામપુરા	૯૯૭૪૨૬૨૨૨૩	-	-

૧૨.	વેગડ જટુભાઈ રૂપાભાઈ	મિલરામપુરા	૯૭૨૭૩૪૧૩૪૧	-	-
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**Annexure 8: List of Swimmers Taluka-Wise in Anand
District with contact details**

બોરસદ

તરવૈયા ની 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 જી સોલંકી	૯૭૨૬૨૭૯૩૬૫	
૧૧	રયજીભાઈ એસ ઠાકોર	૭૯૮૪૦૨૭૬૭૧	બોરસદ હોમગાર્ડ યુનિટ
૧૨	દિનેશભાઈ બી ઠાકોર	૯૦૧૬૫૮૫૫૧૫	
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	જીજ્ઞેશભાઈ મણીભાઈ આહીર	૯૯૯૮૭૮૦૯૦૨	
૨૩	વિજયકુમાર દોલતસિંહ રાજ	૬૩૫૫૬૩૧૪૫૭	

૨૪	નરેન્દ્રભાઈ બી રાજ	૭૨૨૬૮૮૧૩૬૭	
૨૫	લાલભાઈ જે યુનારા	૭૦૪૩૩૬૧૪૦૧	
૨૬	પ્રફુલભાઈ સી પરમાર	૮૪૮૭૦૬૬૦૪૯	
૨૭	અર્જુનભાઈ એ પરમાર	૯૭૧૨૦૮૫૧૨૯	
૨૮	રાજુભાઈ આર પરમાર	૯૫૫૮૦૮૯૭૬૪	
૨૯	અજયભાઈ આર સલાટ	૬૩૫૫૩૯૫૯૪૩	
૩૦	અરવિંદભાઈ એમ ઠાકોર	૯૭૨૫૧૩૨૬૪૭	
૩૧	ગૌરાંગભાઈ પી રાજ	૮૧૨૮૨૫૧૪૨૩	
૩૨	અરવિંદભાઈ ભીખાભાઈ પરમાર	૯૬૨૪૪૧૫૧૬૪	કાલુ
૩૩	નીમેષકુમાર પ્રભુભાઈ પટેલ	૯૨૬૫૬૫૯૮૮૧	રુદેલ
૩૪	કાન્તીભાઈ અંબાલાલ પરમાર	૯૭૨૭૮૧૮૧૧૪	રુદેલ
૩૫	દિનેશભાઈ મંગળભાઈ પરમાર	૯૬૨૪૦૫૫૦૪૭	રુદેલ
૩૬	અશ્વિનભાઈ સોમાભાઈ પટેલ	૯૪૨૮૧૫૩૭૬૫	રુદેલ
૩૭	કમલેશભાઈ રમેશભાઈ હરીજન	૯૭૨૫૧૪૯૮૪૩	રુદેલ
૩૮	જયેન્દ્રસિંહ હઠીસિંહ મહીડા	૮૧૪૧૫૭૭૫૯૭	ગાજણા
૩૯	સુખદેવસિંહ નટવરસિંહ મહીડા	૯૭૧૨૮૮૧૬૬૭	ગાજણા
૪૦	રમણભાઈ હિંમતસિંહ મહીડા	૮૧૪૧૬૫૨૩૬૮	ગાજણા
૪૧	જીતુભાઈ કાલિદાસ તળપદા	૭૨૦૩૦૮૦૯૯૭	બદલપુર
૪૨	નટુભાઈ ભરતભાઈ વાઘરી	૬૩૫૧૧૦૯૭૬૭	બદલપુર
૪૩	રમેશભાઈ જીકાભાઈ તળપદા	૭૬૯૮૨૬૭૬૩૨	બદલપુર
૪૪	ઈશ્વરભાઈ આશાભાઈ વાઘરી	૯૮૯૮૬૩૯૬૪૫	બદલપુર
૪૫	ધુળાભાઈ કાલિદાસ તળપદા	૭૬૯૮૪૯૬૧૪૧	બદલપુર
૪૬	પ્રહલાદભાઈ ખુમાનભાઈ સોલંકી	૯૦૯૯૯૮૯૧૬૮	બનેજડા
૪૭	સબુરભાઈ કાળાભાઈ વાઘરી	૭૦૪૧૭૨૫૬૭૦	બોચાસણ
૪૮	મેલાભાઈ છોટાભાઈ વાઘરી	૭૦૪૬૭૮૮૩૬૬	બોચાસણ
૪૯	રાજુભાઈ ચકાભાઈ તળપદા	૭૦૪૧૫૩૦૩૬૨	અરોલા
૫૦	મંગલભાઈ પ્રભાતભાઈ તળપદા	૭૭૭૮૮૨૩૦૨૨	અરોલા
૫૧	કાનજીભાઈ કુલાભાઈ ચાવડા	૭૫૬૭૯૫૯૦૦૨૫	નાનીશેરડી
૫૨	યશવંતભાઈ ભરતભાઈ મકવાણા	૯૯૭૮૫૭૨૩૯૫	નાનીશેરડી
૫૩	કરણભાઈ ગણપતસિંહ પરમાર	૭૯૯૦૧૨૯૩૬૪	નાની શેરડી
૫૪	ભાઈલાલભાઈ ચંદુભાઈ પરમાર	૯૬૦૧૭૦૧૩૧૪	નાની શેરડી

૫૫	ચંદુભાઈ ખોડાભાઈ મકવાણા	૯૭૨૩૯૮૬૪૮૬	નાની શેરડી
૫૬	પ્રમોદકુમાર જસવંતસિંહ પઢિયાર	૯૯૯૮૬૫૬૯૦૮	નાની શેરડી
૫૭	નટવરસિંહ રામસિંહ પઢિયાર	૯૯૯૮૬૨૨૫૪૧	નાની શેરડી
૫૮	સહદેવસિંહ મહેન્દ્રસિંહ પઢિયાર	૭૪૯૦૯૪૧૬૨૦	નાની શેરડી
૫૯	કિરણકુમાર જસવંત પઢિયાર	૭૪૯૦૯૫૩૧૧૦	નાની શેરડી
૬૦	મહેન્દ્રભાઈ મોતીભાઈ પઢિયાર	૯૬૬૨૭૨૮૪૯૦	નાની શેરડી

સોજીત્રા

સોજીત્રા તાલુકાના ગામોમાં સમાવિષ્ટ તરવૈયાની યાદી

અનુ	ગામ નું નામ	નામ	મોબાઈલ નંબર
૧	લીબાલી	બાબુભાઈ વિષ્ણુભાઈ વાઘરી	૬૩૫૪૪૭૭૯૯૪
૨	લીબાલી	મનોજભાઈ મગનભાઈ વાઘરી	૬૩૫૪૪૭૭૯૯૪
૩	લીબાલી	કાંતિભાઈ પુજાભાઈ વાઘરી	૬૩૫૪૨૦૬૩૨૭
૪	મેઘલપુર	ચંદુભાઈ રાવજીભાઈ જાદવ	૯૦૧૬૨૨૬૧૬૯
૫	મેઘલપુર	હર્ષદભાઈ રમતુભાઈ જાદવ	૯૫૫૮૮૫૫૨૭૪
૬	મેઘલપુર	પ્રવિણભાઈ મંગળભાઈ યુનારા	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	૯૭૯૯૨૬૨૯૧૭

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	૯૯૨૪૫૩૩૯૩૬
૩૮	મલાતજ	મહિડા કરણસિંહ અજિતસિંહ	૯૧૦૬૪૫૬૬૪૮
૩૯	મલાતજ	બારૈયા કનુભાઈ હાથીભાઈ	૭૫૬૭૭૫૧૦૭૨
૪૦	મલાતજ	બારૈયા રમેશભાઈ ડાહયાભાઈ	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	૮૧૪૧૨૨૯૬૮૦
૬૬	ડાલી	પીયુશભાઈ ઉમેદભાઈ હરિજન	૯૬૮૭૦૫૪૧૭૨
૬૭	બાલીન્ટા	સંજયભાઈ રામાભાઈ સોલંકી	૭૬૦૦૮૦૮૨૦૮
૬૮	બાલીન્ટા	સંજયભાઈ રતિલાલ સોલંકી	૮૪૬૮૫૨૬૩૨૫
૬૯	બાલીન્ટા	દલપતભાઈ છોટાભાઈ યુનારા	૯૬૦૧૧૬૨૮૩૪
૭૦	બાલીન્ટા	વિનુભાઈ કુલાભાઈ સોલંકી	૯૫૩૭૬૭૬૫૧૦
૭૧	બાલીન્ટા	પ્રમુખભાઈ વિક્રમભાઈ યુનારા	૯૫૮૬૭૯૮૪૯૬
૭૨	ગાડા	ગોવિંદભાઈ બચુભાઈ સોલંકી	૯૬૦૧૫૦૨૩૮૧
૭૩	ગાડા	કિરણભાઈ મનુભાઈ સોલંકી	૭૬૦૦૧૨૨૦૧૨
૭૪	દેવાતળપદ	ગોહેલ રાવજીભાઈ આશાભાઈ	૭૬૯૮૭૫૮૭૫૧
૭૫	દેવાતળપદ	ગોહેલ લાલજીભાઈ કિશાભાઈ	૯૭૧૪૫૨૪૮૧૮
૭૬	દેવાતળપદ	ગોહેલ રઈજીભાઈ દેવજીભાઈ	૯૯૧૩૧૮૬૧૨૪
૭૭	દેવાતળપદ	બારૈયા જશભાઈ રમણભાઈ	૯૯૨૪૩૫૩૪૧૮
૭૮	દેવાતળપદ	ગોહેલ ભરતભાઈ પ્રતાપભાઈ	૭૨૦૨૦૫૬૨૩૯
૭૯	મઘરોલ	સુરેશભાઈ ધુળાભાઈ રાઠોડ	૯૮૨૪૫૭૭૫૧૧
૮૦	મઘરોલ	નટુભાઈ જાયાભાઈ રાઠોડ	૯૦૫૪૪૧૬૦૩૪
૮૧	મઘરોલ	સોમાભાઈ રઈજીભાઈ રાઠોડ	૯૮૯૮૪૩૨૮૦૭
૮૨	મઘરોલ	નરેશભાઈ વિનુભાઈ રાઠોડ	૯૬૨૪૩૯૪૧૯૦
૮૩	મઘરોલ	નરસિંહભાઈ નારણભાઈ રોહિત	૭૬૨૩૯૯૭૩૩૪
૮૪	મઘરોલ	અજિતસિંહ ગોરધનભાઈ રાઠોડ	૮૧૪૧૨૧૧૯૧૩
૮૫	મઘરોલ	સુરેશભાઈ જયંતીભાઈ રાઠોડ	૯૩૨૮૩૯૫૬૯૧
૮૬	ઈસણાવ	બુધાભાઈ છોટાભાઈ તળપદા	૯૬૮૭૭૫૬૭૨૩
૮૭	ઈસણાવ	છોટાભાઈ મણીભાઈ તળપદા	૬૩૫૮૦૯૩૫૨૯
૮૮	ઈસણાવ	સુરેશભાઈ ભુપતભાઈ તળપદા	૯૮૨૫૧૯૦૩૬૯
૮૯	ડભોઉ	કાંતિભાઈ શૈલેષભાઈ વાઘરી	
૯૦	ડભોઉ	કમલેશભાઈ ભીખભાઈ તળપદા	૭૬૯૮૪૫૧૦૧૨
૯૧	ડભોઉ	અમિતભાઈ વિનુભાઈ વાઘરી	
૯૨	ડભોઉ	રમેશભાઈ મેલાભાઈ વાઘરી	
૯૩	ડભોઉ	વિજયકુમાર નારણભાઈ રાઠોડ	૮૧૪૦૪૦૧૮૫૭

આંકલાવ

તરવૈયાની અઘતન 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 બચુભાઈ પઢિયાર	9106496644
6	બીલપાડ	રઈજીભાઈ અંબાલાલ પઢિયાર	6354795051
7	બીલપાડ	વિપુલભાઈ બચુભાઈ ડાભી	9023215807
8	બીલપાડ	રંગીતભાઈ ભઈલાલભાઈ પઢિયાર	8849614246
9	ચમારા	મહેન્દ્રભાઈ રમણભાઈ પઢિયાર	6353628026
10	ચમારા	પરેશભાઈ રમેશભાઈ પઢિયાર	9327335269
11	ચમારા	રમેશભાઈ મંગળભાઈ પઢિયાર	9586957884
12	નારપુરા	અરવિંદભાઈ કાળાભાઈ પરમાર	7567580108
13	નારપુરા	સંજયભાઈ ફતાભાઈ પરમાર	6354635544
14	દેવાપુરા	અરજુનભાઈ એફ. ચાવડા	6354778874
15	જીલોડ	કલ્પેશભાઈ ડાહ્યાભાઈ સોલંકી	7698159378
16	જીલોડ	વિપુલભાઈ કરશનભાઈ સોલંકી	6352078935
17	બામણગામ	પ્રકાશભાઈ રાવજીભાઈ પરમાર	9773064715
18	બામણગામ	શાન્તીલાલ હરમાનભાઈ પઢિયાર	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 ખુશાલભાઈ માછી	7041462911
28	ગંભીરા	ભગવાનભાઈ જેશંગભાઈ પઢિયાર	8160270260
29	ગંભીરા	ભાઈલાલભાઈ ખોડાભાઈ ગોહેલ	9979867250
30	ગંભીરા	હર્ષદભાઈ સોમાભાઈ નિઝામા	9974191361
31	કંથારીયા	મહેન્દ્રભાઈ અંબાલાલ મકવાણા	7698052943
32	રણછોડપુરા	ગોવિંદભાઈ ભાથીભાઈ યુનારા	9328752959
33	ભેટાસી બા ભાગ	રાજુભાઈ પદાભાઈ તળપદા	9574314512

34	નવાપુરા	કનુભાઈ મગનભાઈ પરમાર	6351373654
35	ભેટાસી તળપદ	રાજુભાઈ પદાભાઈ તળપદા	9574314512
36	આસરમા	દિપકભાઈ ફટેસિંહ પરમાર	9601163860
37	આસરમા	નરેશભાઈ ગણપતભાઈ પરમાર	6356705049
38	આસરમા	સંજયભાઈ બાબુભાઈ ચૌહાણ	7359152933
39	હઠીપુરા	વિનુભાઈ રામાભાઈ ચૌહાણ	6354605823
40	હઠીપુરા	ધુલાભાઈ હિરાભાઈ વાઘરી	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	જીતુભાઈ કે રબારી	9726141583
46	ભેટાસી વાંટા	સાગરભાઈ એલ રબારી	7041557022
47	અંબાવ	અરવિંદભાઈ ડાહ્યાભાઈ ઠાકોર	9978567345
48	અંબાવ	પ્રભાતભાઈ ડાહ્યાભાઈ પઢિયાર	9904391582
49	હળદરી	મનુભાઈ પરસોત્તમભાઈ પટેલ	9099369543
50	હળદરી	મનુભાઈ ધુળાભાઈ ગોહેલ	7359005273
51	ઉમેટા	નટુભાઈ શનાભાઈ માછી	9925745971
52	ઉમેટા	રમણભાઈ રણછોડભાઈ માછી	9979694542
53	ઉમેટા	પ્રમોદભાઈ ચીમનભાઈ માછી	9723404076
54	ઉમેટા	ભાઈલાલભાઈ ભીખાભાઈ માછી	7984991170
55	ઉમેટા	લક્ષ્મણભાઈ ચીમનભાઈ માછી	9099659924
56	ખડોલ ઉ	વિક્રમભાઈ ભઈજીભાઈ તળપદા	9313782184
57	ખડોલ ઉ	ભાઈલાલ ભાઈ શકરાભાઈ તળપદા	9998074364
58	ખડોલ ઉ	વિક્રમ ભાઈ રાય સિંહ પઢિયાર	9737415521
59	ખડોલ ઉ	સજયભાઈ ભાઈલાલ ભાઈ તળપદા	9998074364
60	ભેટાસી(બા)	ગોરધનભાઈ સોમાભાઈ પટેલ	9664925520
61	ભેટાસી(ત)	ગોરધનભાઈ સોમાભાઈ પટેલ	9664925520
62	માનપુરા	કાળાભાઈ હીમતભાઈ પઢિયાર	9913827971
63	માનપુરા	મણીભાઈ પુનમભાઈ ગોહેલ	9974923812
64	નવાખલ	કિરણભાઈ શૂરસિંહ ઠાકોર	9979097246

65	નવાખલ	મહેશભાઈ રાવજીભાઈ ઠાકોર	6354379153
66	આમરોલ	અર્જનભાઈ ધુળાભાઈ પરમાર	9898127807
67	આમરોલ	રમણલાલ ચન્દ્રભાઈ પરમાર	9586381165
68	લાલપુરા	લાલજીભાઈ કે તળપદા	9978145043
69	લાલપુરા	જશભાઈ ગનેશભાઈ રોહીત	9908286882
70	લાલપુરા	અશોકભાઈ ભિખાભાઈ તળપદા	9909216679
71	લાલપુરા	વિજયભાઈ શનાભાઈ પઢીયાર	9737531435
72	ખડોલ હ	છગનભાઈ શંકરભાઈ વાઘરી	8758071530
73	ખડોલ હ	જશભાઈ બચુભાઈ વાઘરી	9662682896
74	ખડોલ હ	રાજુભાઈ વૈતાલભાઈ વાઘરી	8488845467
75	મુજકુવા	ડાહ્યાભાઈ હરમાનભાઈ પઢીયાર	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

આશ્રયસ્થાનની યાદી

#	આશ્રયસ્થાનનું નામ	ગામનું નામ	તાલુકાનું નામ	માલિકી	આશ્રય માટે કુલ ક્ષેત્રફળ (ચો. ફૂટ)	વ્યક્તિઓને આશ્રય	ટોઇલેટની સંખ્યા
1	પ્રાથમિક શાળા ગામડી	ગામડી	આણંદ	સરકારી	2500.00	60	2
2	પ્રાથમિક શાળા	ચિખોદરા	આણંદ	સરકારી	3100.00	75	2
3	પાટીદાર સમાજ વાડી	ચિખોદરા	આણંદ	ખાનગી	4250.00	110	3
4	ન. પ્રા. શાળા નં.27	બાકરોલ	આણંદ	સરકારી	11594.00	550	2
5	નગર પ્રા. શાળા નં.33	બાકરોલ	આણંદ	સરકારી	5025.00	125	2
6	ન.પ્રા. શાળા નં.28	બાકરોલ	આણંદ	સરકારી	6170.00	150	4
7	પટેલ વાડી	બાકરોલ	આણંદ	સરકારી	4500.00	125	4
8	ન. પ્રા. શાળા નં.30	બાકરોલ	આણંદ	સરકારી	2240.00	50	2
9	એન આર શેઠ વિદ્યા હાઈસ્કૂલ	રાસનોલ	આણંદ	સરકારી	6272.00	150	10
10	કન્યા શાળા	રાસનોલ	આણંદ	સરકારી	5280.00	100	6
11	કુમાર શાળા	રાસનોલ	આણંદ	સરકારી	6675.00	170	20
12	ત્રણોલ હાઈસ્કૂલ	ત્રણોલ	આણંદ	સરકારી	5080.00	125	6
13	ઠાકોર સમાજ ધર્મશાળા	ત્રણોલ	આણંદ	ખાનગી	610.00	50	1
14	કોમ્યુનિટી હોલ ગ્રામ પંચાયત	ત્રણોલ	આણંદ	સરકારી	750.00	50	1
15	પ્રાથમિક શાળા	ત્રણોલ	આણંદ	સરકારી	4784.00	100	2
16	એમ એમ હાઈસ્કૂલ	ચિખોદરા	આણંદ	સરકારી	25000.00	1000	3
17	સિનિયર બેઝીક કુમાર શાળા	ચિખોદરા	આણંદ	ખાનગી	5700.00	125	2
18	કન્યા શાળા	ચિખોદરા	આણંદ	સરકારી	8000.00	200	15
19	બી. એન. પટેલ હાઈસ્કૂલ	નાવલી	આણંદ	ખાનગી	12175.00	300	6
20	પ્રાથમિક કુમાર શાળા	નાવલી	આણંદ	સરકારી	3773.00	75	4
21	પટેલ વાડી (ધર્મશાળા)	નાવલી	આણંદ	ખાનગી	4500.00	100	6
22	પ્રાથમિક કન્યા શાળા	નાવલી	આણંદ	સરકારી	4990.00	120	7
23	જી. એલ. પટેલ હાઈસ્કૂલ	કુંજરાવ	આણંદ	ખાનગી	5928.00	140	2
24	સાર્વજનિક ધર્મશાળા	કુંજરાવ	આણંદ	ખાનગી	1800.00	50	4
25	પ્રાથમિક કન્યા શાળા	કુંજરાવ	આણંદ	સરકારી	5200.00	50	2
26	પ્રાથમિક કુમાર શાળા	કુંજરાવ	આણંદ	સરકારી	4990.00	100	2
27	પ્રાથમિક શાળા કણભાઈપુરા	કણભાઈપુરા	આણંદ	સરકારી	7850.00	150	2
28	પાટીદાર ધર્મશાળા	કણભાઈપુરા	આણંદ	ખાનગી	5600.00	130	1
29	પ્રાથમિક શાળા	વઘાસી	આણંદ	સરકારી	3840.00	95	3
30	ચંદુભાઈ પટેલ હાઈસ્કૂલ	વઘાસી	આણંદ	સરકારી	3100.00	75	2

31	કોમ્યુનિટી હોલ	ગામડી	આણંદ	સરકારી	30300.00	200	1
32	પ્રાથમિક શાળા	હાડગુડ	આણંદ	સરકારી	17700.00	400	9
33	કોમ્યુનિટી હોલ	હાડગુડ	આણંદ	સરકારી	324.00	30	0
34	મદ્રેસા સ્કુલ	હાડગુડ	આણંદ	ખાનગી	530.00	30	4
35	પ્રાથમિક શાળા	જીટોડીયા	આણંદ	સરકારી	2920.00	75	2
36	પ્રાથમિક શાળા	ખાંધલી	આણંદ	સરકારી	4275.00	100	7
37	પટેલ વાડી	ખાંધલી	આણંદ	ખાનગી	700.00	50	20
38	ધર્મશાળા	ખાંધલી	આણંદ	ખાનગી	450.00	50	10
39	પ્રાથમિક શાળા	સાદાનાપુરા	આણંદ	સરકારી	1152.00	25	3
40	પ્રાથમિક શાળા	લાંભવેલ	આણંદ	સરકારી	4096.00	100	2
41	હનુમાન મંદિર	લાંભવેલ	આણંદ	સરકારી	9320.00	225	3
42	પાટીદાર હોલ	લાંભવેલ	આણંદ	સરકારી	1200.00	30	1
43	કોમ્યુનિટી હોલ	ઓડ	આણંદ	સરકારી	840.00	20	2
44	પ્રાથમિક શાળા નં.1	ઓડ	આણંદ	સરકારી	4250.00	100	2
45	પ્રાથમિક શાળા -2	ઓડ	આણંદ	સરકારી	4250.00	100	2
46	પ્રાથમિક શાળા -3	ઓડ	આણંદ	સરકારી	4250.00	100	2
47	પ્રાથમિક શાળા -4	ઓડ	આણંદ	સરકારી	4250.00	100	2
48	પ્રાથમિક શાળા -5	ઓડ	આણંદ	સરકારી	4250.00	100	2
49	પ્રાથમિક શાળા -6	ઓડ	આણંદ	સરકારી	2600.00	75	2
50	આંગણવાડી શાખા નં.1	ઓડ	આણંદ	સરકારી	300.00	25	1
51	આંગણવાડી શાખા નં.2	ઓડ	આણંદ	સરકારી	300.00	25	1
52	આંગણવાડી શાખા નં.3	ઓડ	આણંદ	સરકારી	300.00	25	1
53	આંગણવાડી શાખા નં.4	ઓડ	આણંદ	સરકારી	300.00	25	1
54	આંગણવાડી શાખા નં.5	ઓડ	આણંદ	સરકારી	300.00	25	1
55	પાર્ટી પ્લોટ	ઓડ	આણંદ	ખાનગી	8100.00	100	10
56	સરદાર પટેલ વિનય મંદિર હાઈસ્કુલ	ઓડ	આણંદ	ખાનગી	27000.00	600	20
57	કોમ્યુનિટી હોલ	આણંદ	આણંદ	સરકારી	10100.00	200	10
58	કોમ્યુનિટી હોલ-2	આણંદ	આણંદ	સરકારી	10100.00	200	10
59	કોમ્યુનિટી હોલ-3	આણંદ	આણંદ	સરકારી	10100.00	200	10
60	કોમ્યુનિટી હોલ-4	આણંદ	આણંદ	સરકારી	10100.00	200	10
61	કોમ્યુનિટી હોલ -5	આણંદ	આણંદ	સરકારી	10100.00	200	10
62	કોમ્યુનિટી હોલ-6	આણંદ	આણંદ	સરકારી	10100.00	200	10
63	પ્રાથમિક શાળા નં.2,4	આણંદ	આણંદ	સરકારી	3860.00	90	2
64	પ્રાથમિક શાળા નં. 3	આણંદ	આણંદ	સરકારી	5540.00	100	5
65	પ્રાથમિક શાળા નં. 3	આણંદ	આણંદ	સરકારી	1930.00	50	2
66	પ્રાથમિક શાળા નં.6	આણંદ	આણંદ	સરકારી	6500.00	120	2
67	પ્રાથમિક શાળા નં. 7	આણંદ	આણંદ	સરકારી	4750.00	90	2
68	પ્રાથમિક શાળા 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	પાટીદાર ધર્મશાળા	બોરીયાવી	આણંદ	ખાનગી	900.00	25	2
87	મોટી કન્યા શાળા	બોરીયાવી	આણંદ	સરકારી	3300.00	60	3
88	એલ. બી. કન્યાશાળા	બોરીયાવી	આણંદ	સરકારી	2545.00	50	2
89	સરદાર પટેલ હાઈસ્કુલ અને કોલેજ	બોરીયાવી	આણંદ	ખાનગી	11500.00	220	5
				કુલ	497658.00	11090	366

બોરસદ

Sr.no	Shelter home name	Capaity	Drinking water Facilites	Toilet facility	Electicity	Contact Person Name	Mobile No
1	રાજીવ ગાંધી હોલ અમીયાદ	50	હા	હા	હા	ભવદીપ એ. પટેલ, ત.ક.મંત્રી, જંત્રાલ	9998425989
2	પ્રા.શાળા, ગ્રા.પં., કો.હોલ અલારસા	60	હા	હા	હા	નવીનભાઈ હરમાનભાઈ જાદવ	9016408720
3	યોગીપુરા, સર્વોદય વિદ્યાલય બદલપુર	200	હા	હા	હા	ભીમસિંહ રૂપસિંહ પરમાર	૯૫૭૪૪૬૬૮૭૮
4	પ્રા.શાળા બનેજડા	100	હા	હા	હા	ભાવનાબેન ધીરસિંહ ઠાકોર	૬૩૫૪૧૭૪૫૧૨
5	સ્વા.મંદિર, પ્રા.શાળા, હાઈસ્કુલ બોદાલ	150	હા	હા	હા	વૈશાલીબેન રજનીકાન્તભાઈ પટેલ	૯૧૦૬૧૦૩૦૦૩
6	સ્વા.ના. મંદિર, પ્રા.શાળા, એ.પી. વિદ્યાલય બોચાસણ	300	હા	હા	હા	રમેશભાઈ એલ. બામણિયા, વી.અધિ. પંચાયત	9429367504
7	હાઈસ્કુલ, પ્રા.શાળા ભાદરણ	200	હા	હા	હા	ઉદયભાઈ મહેન્દ્રભાઈ પટેલ	૯૬૩૮૦૩૫૬૫૪

8	પ્રા.શાળા, વૈરાગી મંદિર	ભાદરણીયા	100	હા	હા	હા	સોનાબેન ઈશ્વરભાઈ ઠાકોર	૯૯૯૮૫૫૮૨૫૨
9	પ્રા.શાળા	ચુવા	100	હા	હા	હા	વૃન્દા મહેશભાઈ રાહોડ	9157526694
10	પ્રા.શાળા, હાઈસ્કૂલ	દહેમી	150	હા	હા	હા	મીનાબેન શાહીદખાન રાહોડ	૯૩૧૩૨૯૧૦૦૩
11	હાઈસ્કૂલ, પ્રા.શાળા, કોમ્યુનીટી હોલ	દહેવાણ	60	હા	હા	હા	કૈલાસબેન પ્રવિણસિંહ પરમાર	૯૭૨૩૪૬૮૫૨૧
12	કૈલાસ નગર, કેવલ ચોક, ગ્રા.પં. પ્રા.શાળા	દાવોલ	250	હા	હા	હા	રવીન્દ્રસિંહ જે. પરમાર, ત.ક. મંત્રી, બનેજડા	8141186120
13	કોમ્યુનીટી હોલ	દિવેલ	50	હા	હા	હા	અનુપમસિંહ મહેન્દ્રસિંહ પરમાર	9825182177
14	ગ્રા.પં. પ્રા.શાળા	દાદપુરા	120	હા	હા	હા	કમળાબેન બુધાભાઈ પરમાર	૯૬૬૪૭૬૪૦૮૯
15	પ્રા.શાળા	દેદરડા	200	હા	હા	હા	નંદાબેન નટવરભાઈ સોલંકી	૯૯૯૮૩૧૭૧૪૫
16	ધર્મશાળા	ડભાસી	150	હા	હા	હા	અલ્કાબેન હર્ષદભાઈ પટેલ	૯૬૦૧૩૪૬૬૬૫
17	રાજીવ ગાંધી હોલ, ગ્રા.પં. ગ્રા.પ્રા.શાળા	ડાલી	200	હા	હા	હા	હર્ષદભાઈ એલ. વાઘેલા, ત.ક. મંત્રી, કિનખલોડ	8200948050
18	પ્રા.શાળા, ગ્રા.પં.	ધનાવશી	200	હા	હા	હા	અનિરુધ બી. ઓઝા, ત.ક. મંત્રી, કંકાપુરા	8511290217
19	પ્રા.શાળા, રામજી મંદિર	ધોબીકુઈ	100	હા	હા	હા	ભાવિન જી. પટેલ, ત.ક. મંત્રી, બદલ પુર	9426839001
20	પ્રા.શાળા	હુઢાકુવા	150	હા	હા	હા	નયનાબેન કોદાવલા, ત.ક. મંત્રી, નાપાતળપદ- ૨	9033148965
21	રાજીવ ગાંધી હોલ, પ્રા.શાળા, ઉ.બુ. વિદ્યાલય	ગોરેલ	300	હા	હા	હા	રમેશભાઈ જે. મકવાણા, ત.ક.મંત્રી, ખાનપુર	9726731243
22	પ્રા.શાળા, રામજી મંદિર, ગ્રા.પં.	ગોરવા	200	હા	હા	હા	શકુબેન મહિપતભાઈ ડાભી	૯૩૨૮૪૧૫૯૧૫
23	પ્રા.શાળા	ગાજણા	100	હા	હા	હા	જીગ્નાબેન રણજીતસિંહ મહિડા	૯૦૯૯૮૬૫૧૪૧
24	પ્રા.શાળા	હરખાપુરા	100	હા	હા	હા	ભરતિસંહ જી. ગરાસીયા, ત.ક. મંત્રી સિંગલાવ	7572820170
25	ગ્રા.પં. પ્રા.શાળા	જંત્રાલ	150	હા	હા	હા	દક્ષાબેન જગદીશભાઈ પરમાર	૭૯૮૪૨૦૪૦૨૦
26	પ્રા.શાળા, હાઈસ્કૂલ	કઠાણા	200	હા	હા	હા	કીર્તીદાબેન ચંદ્રેશકુમાર સોલંકી	૯૯૯૯૬૧૦૨૭૫
27	પ્રા.શાળા, ઉ.બુ. વિદ્યાલય	કઠોલ	100	હા	હા	હા	રિપન આર. ચૌધરી, ત.ક.મંત્રી, ભાદરણીયા	9726206061
28	લક્ષ્મીપુરા	કસારી	150	હા	હા	હા	દિનેશભાઈ સી.વાઘેલા ત.ક.મંત્રી, વાલવોડ	9723378965
29	પ્રા.શાળા, ધનશ્યામપુરા, મહાદેવપુરા	કણભા	300	હા	હા	હા	કનુભાઈ મંગળભાઈ પરમાર	૯૩૨૭૧૩૪૨૬૧
30	રામજી મંદિર, ગ્રા.પં.	કાલુ	200	હા	હા	હા	વિનુભાઈ શનાભાઈ પરમાર	૯૨૯૫૬૯૨૨૨૩
31	હાઈસ્કૂલ	કાવીઠા	100	હા	હા	હા	સચીનકુમાર રાવજીભાઈ પટેલ	૯૭૧૪૮૬૮૦૭૧

32	ગ્રા.પં. પ્રા.શાળા	કાંધરોટી	100	હા	હા	હા	પુજાબેન બી. ગઢવી, ત.ક. મંત્રી, કઠાણા	9723450546
33	પ્રા.શાળા, ગાંધી આશ્રમ, પંચાયત, ગાંધી ચોક	કંકાપુરા	150	હા	હા	હા	લક્ષ્મીબેન મહેન્દ્રસિંહ પરમાર	૯૩૭૬૧૮૩૯૭૬
34	ઉ.બુ.વિદ્યાલય, પ્રા.શાળા	કોટીયાખાડ	200	હા	હા	હા	મહેશભાઈ એમ. પટેલ, ત.ક.મંત્રી, સારોલ	9725904428
35	પ્રા.શાળા	કસુંબાડ	100	હા	હા	હા	રંજનબેન ભદ્રેશકુમાર ચૌહાણ	૯૯૨૫૯૭૮૭૩૧
36	પ્રા.શાળા, ધર્મશાળા, હાઈસ્કૂલ	કીખલોડ	150	હા	હા	હા	મંગળભાઈ વી. રબારી, વી.અધિ. પંચાયત	9904045505
37	પ્રા.શાળા, ગ્રા.પં.	ખેડાસા	300	હા	હા	હા	શ્રી બી.એમ.પરમાર	9979750749
38	પ્રા.શાળા, સ્વા.મંદિર	ખાનપુર	200	હા	હા	હા	વસંતિકા રતનસિંહ પરમાર	૯૯૦૪૮૨૨૯૫૪
39	પ્રા.શાળા, ગ્રા.પં.	મોટીશેરડી	100	હા	હા	હા	શકુન્તલાબેન જગદીશભાઈ મકવાણા	8849046324
40	પ્રા.શાળા, આઈટીઆઈ મુજર તલાવડી, જુની કન્યાશાળા	નિસરાયા	100	હા	હા	હા	સ્મીતાબેન વીજયસિંહ રાજ	૯૫૫૮૧૫૮૭૮૩
41	પ્રા.શાળા, રામજી મંદિર, સિદ્ધ નાથ મહાદેવ મંદિર	નામણ	150	હા	હા	હા	જ્યોતીબેન હર્ષદભાઈ ડાભી	૭૦૯૬૪૯૨૨૫૭
42	ઉ.બુ.વિદ્યાલય, પ્રા.શાળા	નાનીશેરડી	200	હા	હા	હા	રજનીકાંત વી. રાઠોડ, ત.ક. મંત્રી, નાપાવાંટા	8732967245
43	ગ્રા.પં., બ્રાહ્મણવાડો	નાપાતળપદ	100	હા	હા	હા	બિલકીશ ઇલ્યાસ કાજી	૯૯૯૯૯૦૭૩૭૦
44	જુમ્મા મસ્જીદ, મદની મસ્જીદ, પ્રા.શાળા	નાપાવાટા	150	હા	હા	હા	રાજેશ દિલુભા રાણા	૯૫૧૧૪૫૨૨૫૭
45	પ્રા.શાળા	પામોલ	300	હા	હા	હા	મીનાબેન દિલીપભાઈ પટેલ	૯૨૦૦૨૮૫૪૦૧
46	ગ્રામ પંચાયત	પીપળી	200	હા	હા	હા	હિતેશભાઈ મંગળભાઈ મકવાણા	૯૯૨૫૩૩૬૯૨૯
47	સ્વા.મંદિર, ધર્મશાળા, કો.હોલ	રણોલી	100	હા	હા	હા	તલ્લીકાબેન પીયુશભાઈ પટેલ	7016953751
48	પટેલવાડી, હાઈસ્કૂલ, પ્રા.શાળા	રાસ	100	હા	હા	હા	સંજયકુમાર રણછોડભાઈ પરમાર	૭૬૯૯૨૭૦૭૯૦
49	પ્રા.શાળા, પટેલવાડી, યોગીજી મહારાજ મંદિર	રૂટેલ	150	હા	હા	હા	પટેલ વૈશાલીબેન સુભાકર	૯૨૦૦૩૫૪૪૬૨
50	પ્રા.શાળા, હાઈસ્કૂલ, ધર્મશાળા	સૈજપુર	200	હા	હા	હા	સોમાભાઈ રામાભાઈ સોલંકી	૯૫૭૪૩૬૬૨૬૨
51	પ્રા.શાળા, ઉ.બુ. વિદ્યાલય	સારોલ	100	હા	હા	હા	નટવરસિંહ માનસિંહ જાદવ	૯૬૦૧૮૦૯૬૮૫
52	પ્રા.શાળા, રાજીવગાંધી હોલ	સંતોકપુરા	150	હા	હા	હા	શ્રી ભિમેષ પી.પટેલ	7698037417
53	પ્રા.શાળા, રાજીવગાંધી હોલ, કોમ્યુનીટી હોલ	સીંગલાવ	300	હા	હા	હા	નિરેનકુમાર અંબાલાલ પટેલ	૯૯૯૯૦૬૬૭૫૪
54	પ્રા.શાળા, પટેલવાડી, હાઈસ્કૂલ	સીસ્વા	200	હા	હા	હા	રિપલકુમાર જયંતીભાઈ પટેલ	૯૯૦૪૦૧૩૨૩૮
55	સત કૈવલ મંદિર, પ્રા.શાળા	સુરકુવા	100	હા	હા	હા	નયમનબેન એમ. મલેક, ત.ક. મંત્રી, નામન	8154983886
56	પ્રા.શાળા,	ઉમલાવ	100	હા	હા	હા	જયદીપસિંહ એસ. પરમાર,	9925265509

							ત.ક.મંત્રી, દહેવાણ	
57	પ્રા.શાળા	ઉનેલી	150	હા	હા	હા	નિર્મલાબેન એસ. ચૌધરી, ત.ક.મંત્રી કણભા	9726008415
58	પ્રા.શાળા, અંબીકા કોલોની	વડેલી	200	હા	હા	હા	રણછોડભાઈ રામાભાઈ હરીજન	૯૬૬૨૬૦૦૨૮૭
59	હાઈસ્કૂલ, પ્રા.શાળા,	વહેરા	100	હા	હા	હા	કુશાગ્રકુમાર ઈશ્વરભાઈ પટેલ	૯૯૦૪૨૨૧૭૭૯
60	પ્રા.શાળા	વાલવોડ	150	હા	હા	હા	રાજુભાઈ ઈશ્વરભાઈ ઠાકોર	૮૩૪૭૪૩૨૩૫૪
61	પ્રા.શાળા	વાસણા(૨૧)	300	હા	હા	હા	મીનેશકુમાર પી. પટેલ, ત.ક. મંત્રી, સંતોકપુરા	7698037417
62	પ્રાથમિક શાળા, હાઈસ્કૂલ	વાસણા(બો)	200	હા	હા	હા	ધવલસિંહ વી. સોલંકી, ત.ક. મંત્રી ભાદરણ	7990965794
63	પ્રાથમિક શાળા, હાઈસ્કૂલ	વિરસદ	100	હા	હા	હા	રંજનબેન કંચનલાલ જાદવ	૯૯૯૯૫૭૦૬૫૮
64	પ્રાથમિક શાળા, હાઈસ્કૂલ	વાછીચેલ	100	હા	હા	હા	ગાયત્રીબેન એ. પટેલ. ત.ક. મંત્રી, કઠોલ	9737990840
65	પ્રા.શાળા, પટેલવાડી	ઝારોલા	150	હા	હા	હા	ધવલકુમાર મહેન્દ્રભાઈ પટેલ	૯૧૦૬૬૬૮૨૦૮

બોરસદ

Sr.No	Shelter Home Name	Capaity	Drinking Water Facilites	Toilet Facilites	Electicity	Contact Parson Name	Mobile No
1	સુર્ય મંદિર હોલ	૧૫૦	હા	હા	હા	રમેશ પંડ્યા	9825245487
2	સરદાર પટેલ હાઈસ્કૂલ	૨૦૦	હા	હા	હા	બળવંતભાઈ પ્રજાપતી	9427597646
3	રાજા મહોલ્લા મદ્રાસા હોલ	૧૫૦	હા	હા	હા	ફીરોજખાન પઠાણ	9725434613

આંકલાવ

અ.નં.	ગામનું નામ	આશ્રય સ્થાનનું નામ	માલીક અને વ્યવસ્થાપકનું નામ (શાળા હોય તો આચાર્યશ્રીનું નામ)	મો.નં.	રુમની સંખ્યા	ક્ષમતા (વ્યક્તી)	સગવડ સંડાસ, લલાઇ, બાથરુમ, લાઇટ, પંખા, ઉપલબ્ધ વિગતો	રીમાર્ક્સ
૧	આમરોલ	મહાદેવ મંદિરનો હોલ	રામાભાઈ	૯૬૨૪૬૩૫૧૫૦	૧	૫૦૦	હા	
		પ્રા.શાળા	નરેન્દ્રસીંહ પરમાર	૦	૮	૫૦૦	હા	
૨	આસરમા	પ્રાથમિક શાળા	આચાર્ય	૯૯૨૪૧૪૮૪૪૬	૯	૩૦૦	હા	
		રાજીવગાંધી ભવન				૫૦	હા	

		રામપુરા પ્રા. શાળા	આચાર્યે		૧૦	૩૫૦	હા	
૩	બામણગામ	પ્રાથમિક કુમાર શાળા	મહેશભાઈ	૯૮૨૫૭૭૩૧૫૪	૧૭	૩૦૦	હા	
		પ્રાથમિક કન્યા શાળા	એકતાબેન	૯૭૨૭૫૬૨૦૯૩	૧૧	૨૦૦	હા	
		ધર્મશાળા પટેલ વાડી	બિંદુભાઈ	૮૫૧૧૫૩૮૬૮૯		૬૦	હા	
		તુળજા ભવાની પ્રા.શાળા	નરેશભાઈ પ્રજાપતી	૯૫૮૬૮૨૯૩૪૧	૭	૧૨૦	હા	
૪	ભાણપુરા	પ્રા.શાળા	રમેશભાઈ પહિયાર	૯૭૧૨૪૪૬૬૯૭	૭	૧૦૦	હા	
		ભાશીજી મંદીર ભાણપુરા	સરપંચ	૯૭૨૫૩૦૧૯૩૮	૨	૫૦	હા	
૫	ભેટાસી(વા)	પ્રાથમિક શાળા ભેટાસીવાંટા	ભાવીન શમો	૭૩૮૩૧૮૭૨૦૦	૧૫	૧૫૦	હા	
		માંડવાપુરા પ્રા.શાળા	સુરેશભાઈ પરમાર	૯૦૯૯૭૦૫૮૨૫	૩	૩૦	હા	
		શિવનગર પ્રા.શાળા	અમૃતસીંહ ચૌહાણ	૯૩૭૭૨૫૦૨૧૧	૩	૩૦	હા	
૬	ચમારા	પ્રા.શાળા ચમારા	સુનીલભાઈ	૭૯૮૪૯૧૬૨૮૬	૧૩	૩૦૦	હા	
		સરસ્વતી વીધાલય ચમારા	શૈલેશભાઈ	૯૪૨૮૫૮૩૦૨૧	૮	૫૫૦	હા	
		રાજીવગાંધી ભવન	સરપંચ	૯૯૦૪૯૯૩૦૪૭	૧	૨૦૦	હા	
૭	ગંભીરા	પ્રાથમિક કુમાર શાળા	ભાઈલાલભાઈ ખોડાભાઈ ગીહેલ	૯૯૭૯૮૬૭૨૫૦	૧૧	૫૦૦	હા	
		પ્રાથમિક કન્યા શાળા	ભાઈલાલભાઈ આર નીઝામા	૯૯૨૫૯૬૭૭૧૪	૧૦	૨૫૦	હા	
		કસ્તુરબા વીધાલય				૧૫૦	હા	
		નવોદય વીધાલય				૨૫૦	હા	
૮	કહાનવાડી	પ્રાથમિક શાળા, કહાનવાડી	સુમિત્રાબેન દેવજીભાઈ વસાવા	૯૮૨૫૭૩૭૨૫૯	૧૨	૫૦૦	હા	
		પ્રાથમિક શાળા, લોલપુરા				૧૦૦	હા	
		ઉત્તર બુનીયાદી સ્કુલ				૨૦૦૦	હા	
૯	ખડોલ(ઉ)	પ્રાથમિક શાળા	મારમીકાબેન ચૌહાણ	૮૧૬૦૨૦૫૧૧૫	૮	૩૫૦	હા	
		ચન્દનગર પ્રા.શાળા	મારમીકાબેન ચૌહાણ	૮૧૬૦૨૦૫૧૧૫	૩	૧૨૫	હા	
૧૦	મોટી સંખ્યાડ	કોમ્પ્યુનીટી હોલ		૯૮૨૫૭૩૭૮૯૩		૧૫૦	હા	

		પ્રા.શાળા	મનીષાબેન જોષી	૯૮૨૫૭૩૭૮૯૩	૯	૩૫૦	હા	
	નાની સંખ્યાડ	શંખેસ્વર મહાદેવ		૯૭૨૭૧૨૧૨૫૨		૭૫	હા	
		કોમ્યુનીટી હોલ		૭૬૯૮૩૭૩૨૪૮		૧૦	હા	
		પ્રા.શાળા નાની સંખ્યાડ	ડીમ્પલબેન પારેખ	૯૬૮૭૬૯૬૬૭૭	૭	૨૫૦	હા	
૧૧	ઉમેટા	પ્રાથમિક સાળા ઉમેટા	દશરથસિંહ હરિસિંહ પઢિયાર	૯૯૭૮૨૩૬૪૫૩		૨૦૦	હા	
		પ્રગતિ વિદ્યાલય ઉમેટા	દશરથસિંહ હરિસિંહ પઢિયાર	૯૯૭૮૨૩૬૪૫૩		૪૦૦	હા	
		ફતેપુરા પ્રા.શાળા				૧૫૦	હા	
૧૨	મુજકુવા	પ્રા.શાળા	પ્રજાપતી પાયલબેન	૯૮૭૯૨૦૮૮૮૪		૪૦૦	હા	
૧૩	આસોદર	રાજીવગાંધી ભવન	આસોદર ગ્રા.પં.	૨૮૪૬૪૪	૩	૧૦૦	હા	
		પ્રા.શાળા	રોબીનકુમાર પરમાર	૯૦૩૩૩૮૨૧૮૫	૨૦	૮૦૦	હા	
		ઉચ્ચતર મા.શાળા	મનીશકુમાર દેસાઇ	૯૯૯૮૨૭૦૬૧૬	૧૮	૯૦૦	હા	
૧૪	હળદરી	રાજીવગાંધી ભવન	ગ્રા.પં.હળદરી	૯૦૯૯૩૬૯૫૪૩	૧	૩૦	ના	
		પ્રા.શાળા હળદરી	વરશાબેન પરમાર	૭૦૪૬૭૨૬૨૮૮	૧૧	૧૫૦	હા	
		જાલાપુરા પ્રા.શાળા	રમેશભાઇ ગોહીલ	૭૩૮૩૦૧૨૨૫૫	૧	૧૫	હા	
૧૫	બીલપાડ	પ્રા.શાળા બીલપાડ	વરુણભાઇ મકવાણા	૯૭૨૭૭૩૪૬૧૨	૧૦	૩૫૦	હા	
		પ્રા.શાળા ઇન્દનગર	હેતલબેન પટેલ	૯૩૨૭૧૦૫૯૮૫	૨	૮૦	હા	
		ઉત્તર બુનીયાદી વિદ્યાલય	અરવીદભાઇ મહીડા	૯૯૭૪૫૯૮૩૩૦	૨૮	૯૮૦	હા	
		રાજીવગાંધી સેવા કેન્દ્ર ગ્રા.પં.	સરપંચ	૯૯૭૮૨૩૬૪૫૫	૩	૧૦૦	હા	
		પ્રા.શાળા સંતપુરા	રમેશભાઇ ગોહીલ	૯૯૭૯૪૮૧૧૮૭	૩	૮૫	હા	
		કબીર સાહેબનુ મંદીર	ભારતસીંહ પઢિયાર	૭૬૦૦૭૯૪૭૫૧	૧	૧૫૦	હા	
		બાપા સીતારામ સેવાશ્રમ	ભીખાભાઇ પઢિયાર	૮૧૪૦૮૮૨૨૦૪	૧	૬૫	હા	
૧૬	નારપુરા દેવાપુરા	પ્રા.શાળા નારપુરા	જગદીશભાઇ જારીયા	૯૧૦૬૦૩૩૫૮૧	૭	૧૭૨	હા	
		પ્રા.શાળા દેવાપુરા	ભાઇલાલભાઇ માછી	૮૮૪૯૨૨૮૭૯૩	૩	૭૦	હા	
૧૭	અંબાલી	પ્રા.શાળા	વીનીતાબેન મકવાણા	૯૯૦૪૧૫૮૩૦૨	૧૨	૩૦૦	હા	
		ડેરી	કરીણાભાઇ રાહોડ	૭૬૯૮૧૬૫૪૫૧	૧	૬૦	હા	
		ધર્મે શાળા	સરપંચ	૯૯૧૩૦૬૯૮૮૫	૧	૧૦૦	હા	
૧૮	ભેટાસી(ત)	એમ.બી.પટેલ હાઇસ્કૂલ	ધર્મેજીભેન પટેલ	૯૭૧૪૬૮૮૧૭૧	-	૩૦૦	હા	

		પ્રા.શાળા હીમતપુરા	રમેશભાઈ પઢિયાર	૯૯૭૯૦૭૮૮૯૮	૮	૧૫૦	હા	
૧૯	લાલપુરા	ધર્મેશાળા	વિનુભાઈ પટેલ	૨૮૧૫૩૬	૧	૭૦	હા	
		પ્રા.શાળા લાલપુરા	રાયસંગભાઈ પઢિયાર	૯૮૯૮૧૯૩૫૩૯	૯	૧૦૦	હા	
૨૦	ભેટાસી(બા)	રાજીવગાંધી ભવન	શારદાબેન પરમાર	૮૩૪૭૦૨૭૭૨૫	૧	૩૦	હા	
		પ્રા.શાળા ભેટાસી બા	કીરણભાઈ આસોઈ	૯૫૮૬૭૦૫૬૯૬	૧૭	૩૫૦	હા	
		પ્રા.શાળા ભગવાનપુરા	હસમુખભાઈ પટેલ	૯૮૭૯૯૧૨૩૫૦	૨	૫૦	હા	
		પ્રા.શાળા રાવપુરા	કીરીટકુમાર પટેલ	૯૮૭૯૯૪૧૯૪૮	૧	૨૫	હા	
		પ્રા.શાળા લક્ષ્મીપુરા	રાજેન્દ્રસીંહ રાહોડ	૯૮૮૦૨૨૦૩૫૩	૨	૫૦	હા	
૨૧	કોસીન્દ્રા	પ્રા.શાળા	ઇશ્વરસિંહ ચાવડા	૭૪૩૫૯૫૯૯૬૬	૧૩	૮૦૦	હા	
		રાજીવગાંધી કેન્દ્ર	સરપંચશ્રી	૮૮૪૯૭૨૦૦૮૭	૨	૨૦૦	હા	
૨૨	જોષીકુવા	પ્રા.શાળા	સ્નેહલબેન	૮૩૨૦૧૨૮૨૭૩	૮	૨૦૦	હા	
૨૩	અંબાવ	પ્રા.શાળા તમામ	વૈશાલીબેન યાદવ	૯૫૮૬૫૦૪૪૯૮	-	૨૦૦	હા	
		રાજીવગાંધી ભવન	સરપંચ	-	-	-	હા	
		આંગણવાડી તમામ	સરપંચ	-	-	-	હા	
૨૪	ખડોલ(હ)	વીવેકાનંદ હોલ	નરેન્દ્રસીંહ	૬૩૫૨૬૮૯૧૧૪	૧	૧૦૦	હા	
૨૫	નવાપુરા	પ્રા.શાળા	ભાનુભાઈ રોહિત	૯૬૩૮૫૯૦૩૧૭		૨૦૦	હા	
૨૬	માનપુરા	પ્રા.શાળા	આચાર્યે	૯૭૨૬૮૫૭૬૮૬		૫૦૦	હા	
૨૭	નવાખલ	પ્રા.શાળા	આચાર્યે	૯૯૦૯૯૨૪૧૯૪		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	અલ્પેશભાઈ પટેલ	૮૨૩૮૮૧૮૮૮૭	૪	૨૦૦	હા	
		પ્રા.શાળા કંથારીયા	કુંદનબેન પટેલ	૯૪૨૯૬૬૬૩૩૯	૧૦	૪૦૦	હા	
		પ્રા.શાળા રણછોડપુરા	ભાવીનકુમાર શમો	-	૭	૨૫૦	હા	
૨૯	જીલોડ	પ્રા.શાળા	ભાઈલાલભાઈ જાધવ	૮૧૪૦૨૦૪૭૬૭	૯	૩૦૦	હા	

આંકલાવ

અ.નં.	આશ્રયસ્થાનનો પ્રકાર	ખંડોની સંખ્યા	ક્ષમતા	માલિકીની વિગત		વિશેષ નોંધ
				સરકારી કચેરીનું નામ, સરનામું, ટે.નં.	ખાનગી માલિકનું નામ, સરનામું, ટે.નં.	
૧.	સમૂદાય ખંડ (કોમ્યુનિટી હોલ) મધુસુર્દન સાંસ્કૃતિક હોલ	૧ ખંડ 1000 (ફૂટ)	500 વ્યક્તિ બેસી શકે. વ્યક્તિ ઉભી રહી શકે.		દિલીપભાઈ જશભાઈ પટેલ મોટી ખડકી, ૯૪૨૮૬ ૪૮૦૯૬	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	સ્વેતાબેન મકવાણા ૭૯૯૦૧ ૫૧૪૩૯	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 વાડી મહાદેવ	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.		અરવિંદભાઈ મંગળભાઈ પટેલ હસમુખભાઈ મોહનભાઈ પટેલ ૯૪૦૮૬ ૬૦૭૩૪	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.		ગંગાપાર્ક પંકજભાઈ કે. પટેલ ૦૨૬૯૬ ૨૮૦૦૬૦	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	સુનિલભાઈ પટેલ ૯૭૨૫૩ ૮૭૭૨૭	1-બાથરૂમ, 1- સંડાસ
૧૦.	માઘવનગર કોમ્યુનિટી હોલ	1 ખંડ (૨૫X૪૦ ફૂટ)	100 વ્યક્તિ બેસી શકે. 150 વ્યક્તિ ઉભી રહી શકે. 50 વ્યક્તિ સૂઈ શકે.	આંકલાવ નગરપાલિકા	શીરીખભાઈ બી. પટેલ ૭૯૯૦૭ ૮૪૭૦૧	1-બાથરૂમ, 1- સંડાસ

૧૧.	ઈન્દીરાનગર કોમ્યુનીટી હોલ	1 ખંડ (૨૫X૪૦ ફૂટ)	100 વ્યક્તિ બેસી શકે. 150 વ્યક્તિ ઉભી રહી શકે. 50 વ્યક્તિ સૂઈ શકે.	આંકલાવ નગરપાલિકા	શીરીષભાઈ બી. પટેલ ૭૮૮૦૭ ૮૪૭૦૧	1-બાયરૂમ, 1- સંડાસ
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પેટલાદ

ક્રમ	ગામનું નામ	શેલ્ટર હોમનું સ્થળ	શેલ્ટર હોમની ક્ષમતા	રીમાર્ક્સ
૧	પેટલાદ	સ્વામી સચ્ચિદાનંદ હોલ એન.કે.હાઈસ્કુલ પેટલાદ	૨૦૦	
૨	પેટલાદ	કોમ્યુનીટી 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	વડલા	પટેલ વાડી	૧૫૦	
૧૦	વડલા	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

સાબરમતી નદીને અસરગ્રસ્ત ગામોની વિગત

ક્રમ	ગામનું નામ	અસરગ્રસ્ત વિસ્તાર	અસરગ્રસ્ત કુટુંબોની સંખ્યા	અસરગ્રસ્ત જન સંખ્યા	આશ્રયસ્થાનની વિગત
૧.	રીઝા	હરીજનવાસ, વાઘરીવાસ, મણીપરૂ, નવીજોક, ઈન્દીરાઆવાસ, પરૂ, વણકરવાસ	૧૭૦	૮૯૦	પ્રા.શાળા, કોમ્યુનીટીહોલ, ચામુંડામાતાનો મઠ મહાદેવ મંદિર
૨.	નભોઈ	પરાવિસ્તાર, ઝોક, 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 ફળિyુ	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, વાઘરીવાસ, હરીજનવાસ, ભરવાડવાસ	૭૫	૨૯૧	પ્રા.શાળા, પી.એચ.સી ખડા
૯.	મોટા કલોદરા	આવાસપરૂ, વણકરવાસ, મહાદેવફળિ	૪૮	૨૨૦	પ્રા.શાળા, સીતારામવાડી
૧૦.	જાફરગંજ	ઈન્દીરાઆવાસ, વણકરવાસ, હાઈસ્કુલ વિસ્તાર	૩૦	૧૬૦	કોમ્યુનીટી હોલ , રાજીવાગાંધી હોલ
૧૧.	કસ્બારા	ઈન્દીરા કોલોની, વાઘરીવાસ	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	પશુઓની સંખ્યા
૧.	તારાપુર	રીંઝા	હરીજનવાસ, વાઘરીવાસ, મણીપરૂ, નવીજોક, ઈન્દીરાઆવાસ, પરૂ, વણકરવાસ	૮૯૦	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, હરીજનવાસ, 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 facilites	toilet facility	Electicity	Contact Person Name	Mobile no
1	વડવા આશ્રમ, મેતપુર	150	હા	હા	હા	અરવિંદભાઈ શાહ	70166 78716
2	મીરા સૈયદ અલી દરગાહ, ખંભાત	100	હા	હા	હા	અબ્દુલકૈયુમ અબ્દુલહમીદ શેખ	9722123716 8780610825
3	ધોળેશ્વર મહાદેવ, મેતપુર	50	હા	હા	હા	કંચનભાઈ રાણા	93745 51161
4	આદર્શ નિવાસી શાળા. ખંભાત	50	હા	હા	હા	જયદીપભાઈ રશ્મિબેન	9998134213 6354868316
5	એસ.એસ. વાઘેલા હાઈસ્કુલ હોલ, ખંભાત	40	હા	હા	હા	હેમંદ્રભાઈ શાહ	9925186967
6	પ્રાથમિક શાળા, ગોલાણા	100	હા	હા	હા	ખુમાનસિંહ પ્રભાતસિંહ	9429358077
7	ઔદ્યોગિક તાલીમ સંસ્થા ખંભાત	120	હા	હા	હા	અનિલભાઈ પરમાર (આચાર્ય) ગીરીશભાઈ (વોચમેન) રમેશભાઈ (પીયુન)	9712594943 9537833818 9712213096

ખંભાત

અ.નં.	ગામનું નામ	અંદાજિત વસ્તી	આશ્રયસ્થાનોની વિગતો
૧	ધુવારણ	૮૦૪૩	(૧).પ્રાથમિક શાળા, રત્નેશ્વર, (૨).પ્રાથમિક શાળા ધુવારણ
૨	તડાતલાવ	૯૦૦	(૧) પ્રાથમિક શાળા, તડાતલાવ, (૨).હસનપુર પ્રા.શાળા
૩	બાજીપુરા	૨૮૦૦	(૧).પ્રાથમિક શાળા, બાજીપુરા, (૨). પંડોળીયાપુરા પ્રા.શાળા
૪	તરકપુર	૯૭૫	(૧).પ્રાથમિક શાળા, તરકપુર, (૨).ગુડેલ પ્રાથમિક શાળા
૫	નવાગામબારા	૮૧૪	(૧).પ્રાથમિક શાળા, નાવાગામ બારા, (૨).ભીમતલાવ પ્રા.શાળા
૬	કલમસર	૧૧૯૬૮	(૧).વિજયકુમાર પ્રાથમિક શાળા, (૨).બ્રાંચ પ્રાથમિક શાળા કલમસર

૭	વડગામ	૪૩૨૦	(૧).પ્રાથમિક શાળા વડગામ, (૨).પ્રાથમિક શાળા, વૈણજ
૮	રાલજ	૭૬૭૫	(૧).પ્રાથમિક કુમારશાળા રાલજ, (૨).કે.ડી.પટેલ હાઇસ્કૂલ, રાલજ
૯	રાજપુર	૫૧૯	(૧).પ્રાથમિક શાળા રાજપુર, (૨).વાડીયાપુરા પ્રાથમિક શાળા (૩).બીલીયાપુરા પ્રાથમિક શાળા
૧૦	પાંદડ	૨૮૯૪	(૧).પ્રાથમિકશાળા, પાંદડ, (૨).પ્રાથમિક શાળા, રોહિણી
૧૧	મીતલી	૩૪૯૨	(૧).પ્રાથમિકશાળા, મીતલી, (૨).સરકારી માધ્યમીક શાળા, મીતલી
૧૨	ગોલાણા	૪૯૬૬	(૧) પ્રાથમિક શાળા, ગોલાણા, (૨) ગોલાણા હાઇસ્કૂલ, (૩).હૈદરપુરા પ્રા.શાળા
૧૩	આખોલ	૧૭૬૪	(૧). પ્રાથમિક શાળા, જુની આખોલ, (૨).પ્રાથમિક શાળા દહેડા (૧). પ્રાથમિક શાળા, નવી આખોલ, (૨). પ્રાથમિક શાળા, તામસા
૧૪	લુણેજ	૧૮૩૫	(૧) પ્રાથમિક શાળા, લુણેજ , (૨) માધ્યમિક શાળા લુણેજ
૧૫	ખંભાત	૯૬૦૦૦	૧).માછીપુરા કોમ્યુનીટી હોલ, ૨).ફતેહ દરવાજા કોમ્યુનીટી હોલ, ૩).લાલ દરવાજા કોમ્યુનીટી હોલ

Annexure 10: Details of Industrial Estate Village

Annexure 1: Khambhat Taluka

Sr. No.	Village Name	Name Of The Industry	Type Of The Industry	Population	Live Stock	Contact	Details Of Household	Drinking Water Facility	Electricity
Khambhat				83715	5023	9427305492	27844	Y	Y
1	Kalamsar	Jay Chemicals	Chemicals	11968	3100	9879402785	3512	Y	Y
2	Kalamsar	Rohan die ind	Chemicals	11968	3100	9879402785	3512	Y	Y
3	Kalamsar	Prizam Indu.	Medicine	11968	3100	9879402785	3512	Y	Y
4	Sokhada	Savita Chemicals	Chemicals	840	380	9904010101	320	Y	Y
5	Sokhada	Tulsi Inter medical	Chemicals	840	380	9904010101	320	Y	Y
6	Sokhada	Gujarat Chemicals	Chemicals	840	380	9904010101	320	Y	Y
7	Sokhada	Shital Chemicals	Chemicals	840	380	9904010101	320	Y	Y
8	Lunej	Sapna Chemical	Chemicals	1835	1611	9428830661	569	Y	Y
9	Lunej	Sapna Chemical , Lunej , Ta.Khambhat , Dist. Anand	Cloth	1835	1350	9428830661	569	Y	Y

Annexure 2: Tarapur

Sr. No.	Village Name	Name Of The Industry	Type Of The Industry	Population	Live Stock	Contact	Details Of Household	Drinking Water Facility	Electricity
			MHA/A/B			Number			
1	Kaniya	Pharmanza Herbals , Borsad-Tarapur Road,Kaniya,Ta.Tarapur,Dist. Anand	B	1928	797	9601274375	429	Yes	Yes

Annexure 3: Anand Taluka

Sr. No.	Village Name	Name Of The Industry	Type Of The Industry	Population	Live Stock	Contact	Details Of Household	Drinking Water Facility	Electricity
			MHA/A/B			Number			
1	Anand	Vidhya Dairy,Agriculture Uni. Anand	A	209410	11157	7567001223	43744	Yes	Yes
2	Anand	Kheda Dist.Co.Op.Milk Producer Union Ltd, Anand, Dist. Anand	A	209410	11157	7567001223	43744	Yes	Yes
3	Mogar	Kheda Dist.Co.Op.Milk Producer Union Ltd, Mogar,Dist.Anand	A	9028	1061	9909240390	1867	Yes	Yes
4	Gana	Charotar Gas Sahkari Mandli Pvt.Ltd, V.U.Nagar,Anand	B	4079	609	9925756107	866	Yes	Yes
5	Navali	Praraj Chemicals Industry, Near Gurukul,At. Navli,Dist.Anand	B	6750	675	9429654222	1414	Yes	Yes
6	Vidhyanagar	Alfa Paints Pvt.Ltd,Sr.No.CS-4,GIDC,Vidhyanagar,Anand	B	23783	484	7567001223	5049	Yes	Yes
7	V U Nagar	Beben Gum Industries, 4-C,GIDC,V.U.Nagar,Anand	B	5035	271	7567001223	1049	Yes	Yes
8	V U Nagar	Bee Pee Coating Pvt.Ltd,Plot No.443,GIDC,V.U.Nagar,anand	B	5035	271	7567001223	1049	Yes	Yes
9	V U Nagar	Charotar Gas Sahkari Mandli Pvt.Ltd, V.U.Nagar,Anand	B	5035	271	7567001223	1049	Yes	Yes
10	V U Nagar	Marigold Paints Pvt.Ltd(Paints division), Plot No.C1/10 GIDC, V. U. Nagar, Anand	B	5035	271	7567001223	1049	Yes	Yes
11	V U Nagar	Marigold Paints Pvt.Ltd(sub division), Plot No.C1/10 GIDC, V. U. Nagar, Anand	B	5035	271	7567001223	1049	Yes	Yes
12	V U Nagar	Marigold Paints Pvt.Ltd(Resin division), Plot No.C1/10 GIDC, V. U. Nagar, Anand	B	5035	271	7567001223	1049	Yes	Yes
13	V U Nagar	Dhaval Intermediates Ltd, Plot No.C1/5, GIDC, V. U. Nagar, Anand	B	5035	271	7567001223	1049	Yes	Yes

14	V U Nagar	Jupiter Chemical Industries, 73 GIDC , V.U.Nagar	B	50 35	271	756700122 3	1049	Y es	Yes
15	V U Nagar	Samarpan Industries , Plot No. 40 , GIDC , V.U.Nagar , Anand	B	50 35	271	756700122 3	1049	Y es	Yes
16	V U Naar	Silichem Industries , Plot No.1/151,GIDC , V.U.Nagar , Dist. Anand	B	50 35	271	756700122 3	1049	Y es	Yes
17	V U Nagar	Sinthed Chemicals Pvt.Ltd. ,GIDC , V.U.Nagar , Anand	B	50 35	271	756700122 3	1049	Y es	Yes

Annexure 11 - Safety Equipments Details Of PSU And MHA Units

GEB Khambhat

r.No	Officer Name	Designation	Mobile No.
1	D.H.Vasava	Add. Chief engineer	9925208974
2	G.C.Patel	S.E. (O&M)	9925210686
3	J.R.Patel	S.E. (ELEC)	9879512593
4	J.R.Chaudhary	E.E. (W/S)	9925213016
5	R.S.Joshi	SFO	9099959274
6	A.B.Chaudhary	Safety Officer	9925212987

Sr.no	Equipments	Equipments used for	Quantity
1	Multi purpose fire tender	Fire Fighting	1
2	Water tender	Fire Fighting	1
3	B.A set	Rescue	5
4	Life Ring	Rescue	10
5	Life jacket	Rescue	10
6	Rope	Rescue	2
7	Tree cutter (ELEC)	Tree cutting	1
8	Tree cutter (petrol)	Tree cutting	1
9	Slab cutter (ELEC)	Rescue	1
10	Hand torch	Searching	1

BPCL Umreth

Sr.No	Officer Name	Designation	Mobile No.
1	Rohit Tiwari	Sr. Mgr. Ops (I/C)	9924566692
2	Ajay Verma	Asst Mgr. Ops	8889997760
3	Ankit Dongre	Asst Mgr. Ops	9574085777
4	Anil Kumar	Operation Officer	8294125725
5	Dinesh Lilwani	Asst Mgr. Ops	7389905030
6	Pritam Sharma	Asst Mgr. Ops	9624701102
7	Ritesh Modi	Operation Officer	7024510192
8	Ritesh Uphade	Asst Mgr. Ops	8055326090
9	Uttam Sahu	Asst Mgr. Ops	7046222283

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

Sr.No	Officer Name	Mobile No.	Designation
1	Kaushik Vyas	9099966540	Manager Safety
2	Milan Patel	9099918793	Sr. Safety Officer
3	Hitesh Mehta	9265429488	Manager Admin

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	Stretchers	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

TRION CHEMICALS

Sr. no.	Officer Name	Mobile No.	Designation
1	Mr. Vijay Joshi	97129 22425	Safety Manager
2	Mr. Vimal Patel	63551 92325	Safety Officer

Sr.No.	Safety Equipments	Equipments Used for	Qty.
1	Rubber hand gloves	Personal Protection	100 Nos.
2	Full Face Canister type Gas Masks/Half Canister type Masks	Toxic Gas	100 Nos.+12 Nos.
3	Gum Boots	Personal Protection	15 Nos.
4	Safety Shoes	Personal Protection	100 Nos.
5	Safety Helmets	Personal Protection	100 Nos.
6	Safety Goggles	Personal Protection	25 Nos.
7	PVC Apron's	Personal Protection	03 Nos.
8	Face shield	Personal Protection	03 Nos.
9	Safety Shower	Emergency shower use body & Eye Wash	03 Nos.
10	Self Contain breathing Apparatus Set	Chlorine Leakage control and Rescue	02 Nos.
11	Air Line Respirator system	chlorine Leakage control and Vessel Entry	02 Points.

12	Safety belt	Height Work	05 Nos.
13	ABC(Powder) TYPE Fire extinguisher/additional Bank	Fire Fighting	24 Nos.+30 Nos.
14	CO2 Type Fire Extinguisher/Trolley Type F/E	Fire Fighting	07 Nos.+02 Nos.
15	First Aid Box	First aid for Medical Treatment	03 Nos.
16	Stretcher	Rescue	01 No.
17	Emergency Siren	to inform for any Emergency	01 No.
18	Sand Bucket Stand	chemicals spillage attend & Fire fighting	05 Nos. each stand 05 buckets
19	Wind indicator	to see wind direction	03 Nos.
20	Chlorine Gas Detector	Toxic Gas Leakage sensor	07 Nos.
21	Emergency Chlorine Kit	Chlorine Leakage control	01 Nos.
22	Emergency Chlorine Hood	Chlorine Leakage control	02 Nos.
23	Emergency Blower	Chlorine Leakage control	03 Nos.
24	Scrubbing Pit	Chlorine gas dilute	02 Nos.
25	Alternate Power supply(D.G. Set)	power cut off	125 KVA
26	Water reservoir	Fire Fighting/any Emergency /Process	1)Underground -100000 Liters 2) On ground - 450000 Liters

Cambay Orgainic

Sr.No	Officer Name	Mobile No.	Designation
1	Prakashchandra Bapulal Patel	9925670179	Manager
2	Manish Chauhan	9106825885	Safety Officer
3	Rajesh Patel	7016155459	Administrative
4	Daxesh Patel	7874208061	Safety Training

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

Sr.No	Officer Name	Mobile No.	Designation
1	Manish Chauhan	9106825885	Safety Officer

2	Vijay Patel	Fire Man
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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

Sr.No	Officer Name	Mobile No.	Designation
1	KEVAL PATEL	8000933605	SAFETY OFFICER
2	RANCHHOD BHARVAD	6355786853	SAFETY INCHARGE

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.

Sr.No	Officer Name	Mobile No.	Designation
1	Vimalbhai	9898416028	Safety Officer
2	Ghashyambhai	6351913985	Fire Man & Safety

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

Karan Intermedeates

Sr. no.	Officer Name	Mobile No.	Designation
1	Mr. Druvanshbhai	7600654503	Director
2	Mr. Ashvinbhai	9277758930	Maintanance/safety officer

Sr.No.	Safety Equipments	Equipments Used for	Qty.
1	Fire Extinguisher.	fire control	4 Nos.
2	Helmet.	head safety	110 Nos.
3	Acid Proof Hand Gloss.	hand safety	44 Nos.
4	Sterile Hand Gloss.	hand safety	5 Packet.

5	Chlorine SBA.	body safety	2 Nos.
6	Chlorine Hood.	Protection from chlorine, high temperature	1 Nos.
7	N-95 Mass.	nose safety	110 Nos.
8	Safety Belt.	work at hight	4 Nos.
9	Emergency Water Shaver.	fire control	02 Nos.
10	Safety Goggles.	eye safety	110 Nos.
11	Safety Shoes.	leg safety	110 Nos.
12	Emergency Safety Kit Chlorine.	body safety	1 Nos.
13	First Aid Box.	first aid	02 Nos.
14	Sanitizer Pump.	body safety	01 Nos.
15	Sanitizer Stand.	hand safety	02 Nos.

Annexure 12: 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	
1	Anand	02692- 243101 (M) 7574831711
2	Umreth	02692- 276611 (M) 9276873478
3	Vallabh Vidhyanagar	02692- 230408 (M) 9974650055
4	Oad	02692- 282405 (M) 9276873478
5	Boriyavi	02692- 271413 (M) 9998827686
6	Kramsad	02692- 222458 (M) 9824523088
7	Anklav	02696- 282643 (M) 7567001198
8	Brosad	02696- 220101 (M) 8401155077
9	Petlad	02697- 222222 (M) 9638178836
10	Sojitra	02697- 233213 (M) 9427305492
11	Khambhat	02698- 220222 (M) 9427305492

Annexure 1: Contact Detail of Army, AirForce, Coast Guard and Air Force

No.	City	Name	(O)
1	Ahmadabad	Army Exchange	22856251
2	Ahmedabad	Lt.Col. Chetan	(O)22852444 (R)22852682 (F)22856251
3	Ahmedabad	Col. Vinayahal	(O)22852403 (R)22852433 (F)22861902
4	Ahmedabad	Air Traffic Control	22869251
5	Gandhinagar	Air Force Exchange	23242600
6	Delhi	Air Force	011-23010231, 25687194-97
7	Gandhinagar	Coast Guard	(O) 079-23243264, 23243283 (Operation Center) 23243147 (F) 079-23241717
	Dy. Comdt		(O) 079-23243241 (M) 9377858901
8	Mumbai	Coast Guard	(O)022-24372472,24333727 (F)022-24333727, 24372920
9	Wing Commander, Air-II for Air Commander-in-Chief, Sector-9, Gandhinagar	Air Force	(O)23242600/52 41 (F)23240076

Annexure 2: Bhaskaracharya Institute of Space Application & Geoinformatics (BISAG)

Sr.No.	Name	Desi	(O)	(R)	(M)
1	Shri T.P.Singh	Director	23213081/9 0 (F)2321309 1	2325484 6	990994500 1
2	Smt. Parul	Manager	2321308 3	-	990994500 8

Annexure 3: Contact Detail of India Meteorological Department and Observatories

No.	Desi.	(O)	(R)	(F)
1	Dir. Meteorology Center Ahmedabad	22865165 (M)9978406424	26852615	22865449
2	Meteorologist Weather Forecasting A_bad	22861413	26852615	22865449

3	D G, Institute of Seismological Research, Gandhinagar	23252703 23259100 (M)9824020907		23259192
4	Asst. Meteorologist II IMD, Bhuj	02832-250575	223051	250575
5	Kevadia Observatory	02640- 232122, 232041	231137	232122
6	079-22865012		22865449	
7	Director, A'bad	079-22865165		
8	Met. (I/c), A'bad	079-22861413		22865449
9	079-22865012		22867206	

Address: Near P.D.P.U. campus, Raisan village, Gandhinagar			
No.	Designation	(O)	(M)
1	Director General	66739001 66739015(Fax)	997840 7515
2	Scientist-C	66739015	99252 43646

Annexure 4: Contact Detail of Flood Control Rooms

Sr.No	Department	Phone	Fax
1	Vanakbori, EE, Nadiyad Irrigation Circle, Nadiyad	0268-2557140, 0268-2563362, 9879556839, 9427316114 eeshedinadiad@gmail.com	0268-2556025(F)
2	Kadana, EE, Diwada Colony- Panchmahal	02675-237518, 9978405563 kpcdiwda@yahoo.com	02675- 237627 (F)
3	Panam, EE, Panam Project Circle, Godhra Adhikshak Egn. Shree G Dhangar	02672-241801, 9978405562 seppcgodhara@gmail.com	02672-242850(F)
4	Mahi irrigation Circle, Anand H I Chudasma (Deputy Eng.)	02692-262044, 02692-264085, 9427316024 Mo.9824091810 eepvpatel@gmail.com	02692-262282(F)
5	Vasad Bridge, NHAI Ahemdavd	07926821062/63 9426585575	-
6	Shethi Rivr Bridge, EE- Shedhi Irrig. Dn, Nadiad	0268-2557140, 9879556839 eeshedinadiad@gmail.com	0268-2556025(F)
7	Wasana Barriage, EE Ahemdabad Irrigation Project Circle, Ahemdabad S D Mishtri(S.O)	079-27912505, Mo.997840513 5 seaipcabd@gmail.com	079-27973029 (F)

Annexure 13: Details of Pipeline Operator in Anand District

Sr. No.	Company	Pipeline Details	Gas/Oil	Designation	Contact detail	Email
1	ONGC	Cambay – Ankleshwar	Oil	DGM (P)	(M)9426613632 (O) 02692-2237510 Toll Free 18002330935	bhareli@ongc.co.in
2	IOCL	Salya Mathura pipeline	Oil	Manager Operation	9879521156/ 02718-282901	bajeracontrolroom@indianoil.in
3	IOCL	Koyli Ahmedabad pipeline /Koyli Sanganer pipeline/ Salya Mathura Pipeline	Oil	CM Operation	9428165322 Contr.no.0265 - 2231233Contr .no 0265-2976778 T.Free 18002338400	smplkoy@indianoil.in cdkoy@indainoil.in
4	GSPL	Anand-Rajkot pipeline, Gana Hldana pipline, Ankjav-Dhuvaran Pipline,Broda-Ahemdabad-Kalol Pipline,Bhndbhut Pipeline	Natural Gas	Manager O&M	9099976312 Contr.no 079-66701001	gujpetronet@gujaratpetro.com Debasish.c@gspc.in
5	VBPL	Thamna-Bewari, Somasr-Thamna Line	Oil	Senior Mang.Maintaance	02692-230167 Contr.no 99243111 06	-

Annexure 14 : List of Major Hospital Services

Sr.No	Name of Hospital	Contact Details	
		Mobile	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	9925028721	02696-225119
3	Anand Orthopedic Hospital, Near Over Bridge, Besideds Shah Petrol Pump, Anand	98257552420 9879570477	
4	CDMO S S hospital		02697-224645 224422
5	Sterling Hospital (Baroda)	9574544456	0265-2354455 02645-2354466 0265-2354488
6	Bhailal Amin Hospital (Baroda)		0265-2284444 0266-2286666 0265-3956222
7	Baroda Heart Institute & Research Centre (Baroda)	9898500101	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)	7874285777 8140215777	0261-2215777

Annexure 1: List of Blood Banks

Sr No	Name	Phone No.	Mobile No
1	Rotary club, Anand	02692-269124	9825274796
2	Indu Blood Bank, Anand	02692-259596	992493652
3	Indian Red Cross, Anand	02692-243406	9428437123
4	Rotri club, Borsad	02696-220344	9924936524
5	Blood Bank, Khambhat	02698-220516	9428660805

Annexure 15- 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 Anklavadi 5 Rajupura	White Signal
			Anand	1 Khanpur 2 Kheda 3 Ankalvadi 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 Navakhhal 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 Anklavadi	Blue Signal Ready to evacuate
			Umreth	1 Pratapnagar 2 Khorwad	
			Borsad	1 Gajna 2 Salol 3 Kankupura 4 Anklavadi 5 Rajupura	
			Anklav	1 Kanvadi 2 Amrol 3 Bhanupura 4 Ashrama	
5	Mahi	1142000 Cusec/ 32337.53 Cumet	Anklav	1 Chamara 2 Bamanagam	Red Signal

				3 Umeta 4 Khadol 5 Sankhyad	Immediate evacuation
			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 16: 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 17: List of Salt Industries

Sr. No	Name of Industry/pan	Name & Designation	Contact No
1	Maruti Salt & Chemicals Industry Pvt.	Mr.Navin Mishra Manager	9724484650
2	Western Salt Industry pvt. At&po. Talej Ta.Khambhat	Mr.Vikas patel Director	9879539870

Annexure 18: 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 / Abandoned)	Security Agency Deploy 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	-

નદીના વિસ્તારમાં આવતા અસરગ્રસ્ત વિસ્તાર :-

ક્રમ	નદીનું નામ	નદીના વિસ્તારમાં આવતા અસરગ્રસ્ત વિસ્તાર		
		તાલુકાનું નામ	પ્રા.આ.કેન્દ્રનું નામ (PHC)	ગામનું નામ
૧	મહી	આણંદ	વહેરાખાડી	ખાનપુર, ખેરડા, આંકલાવડી, રાજુપુરા
		ઉમરેઠ	શીલી	પ્રતાપપુરા, ખોરવાડ
		બોરસદ	અલારસા	કોઠીયાખાડ, નાનીશેરડી
			સીસ્વા	ગાજણા, સારોલ, કંકાપુરા, વાલવોડ
			દહેવાણ	દહેવાણ
			બદલપુર	બદલપુર
		આંકલાવ	બામણગામ	ચમારા, બામણગામ, ગંભીરા, નવાખલ
			ભેટાસી	ઉમેટા, ખડોલ(ઉ), સંખ્યાડ, કહાનવાડી, આમરોલ, આસરમા, ભાણપુરા, ભેટાસીવાંટા,
૨	સાબરમતી	તારાપુર	ખડા	ગલીયાણા,ફતેપુરા,રીઝા,ખડા,મિલરામપુરા, ચિતરવાડા,
			બુધેજ	દુગારી,નભોઈ,મોટા કલોદરા,જાફરગંજ,પયેગામ,કસ્બારા
		ખંભાત	વડગામ	ગોલાણા, પાંદડ

Annexure 19: Latitude and Longitude of Vulnerable Villages of Anand District

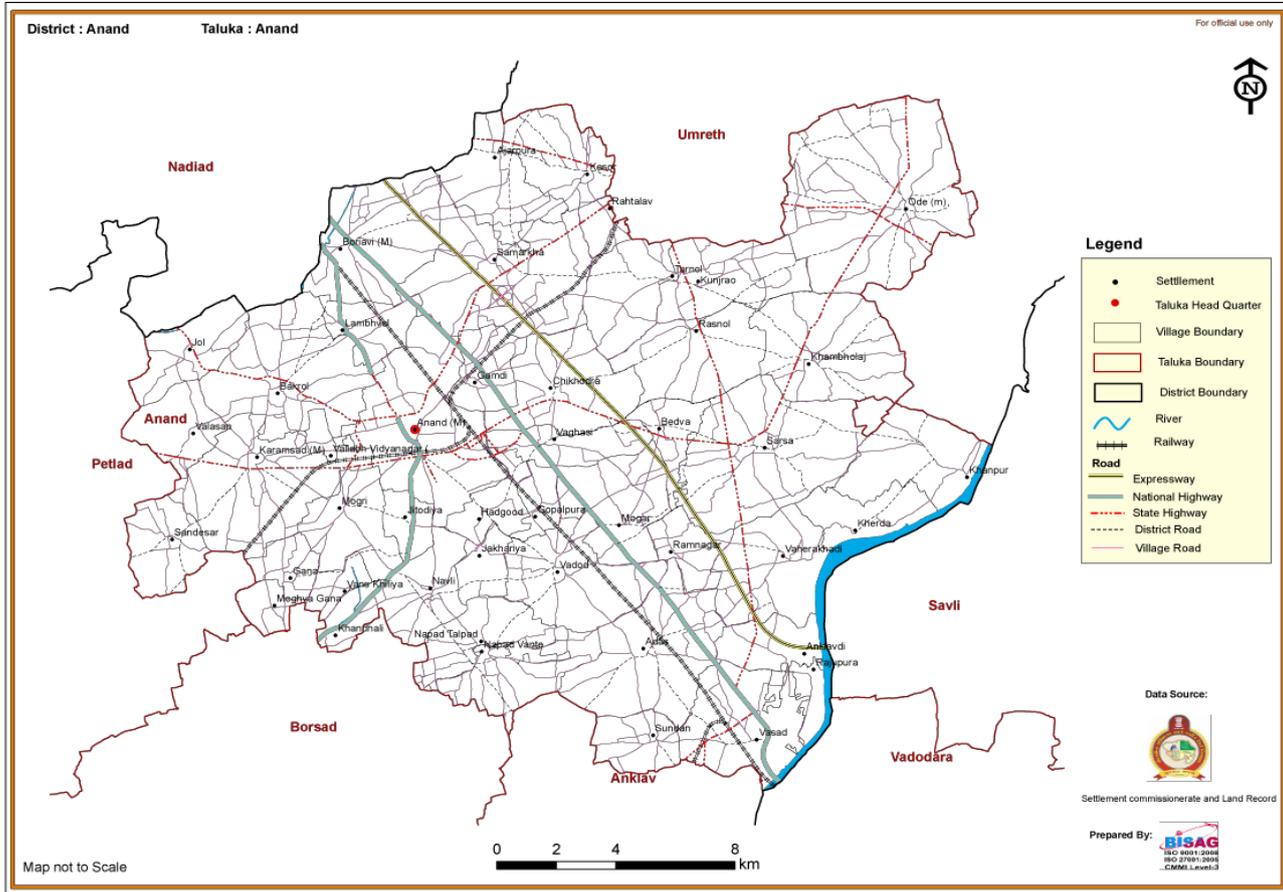
Sr.	District	Taluka	Village Name	Latitude	Longitude
1	Anand	Anklav	Chambara	22 ⁰ - 18 [°] - 15 N	72 ⁰ - 01 [°] - 48 E
			Bamngam	22 ⁰ - 17 [°] - 16 N	72 ⁰ - 00 [°] - 22 E
			Umeta	22 ⁰ - 19 [°] - 59 N	73 ⁰ - 03 [°] - 06 E
			Khadol	22 ⁰ - 18 [°] - 59 N	73 ⁰ - 02 [°] - 59 E
			Sankhyad	22 ⁰ - 18 [°] - 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 ⁰ - 19 [°] - 42 N	73 ⁰ - 00 [°] - 36 E

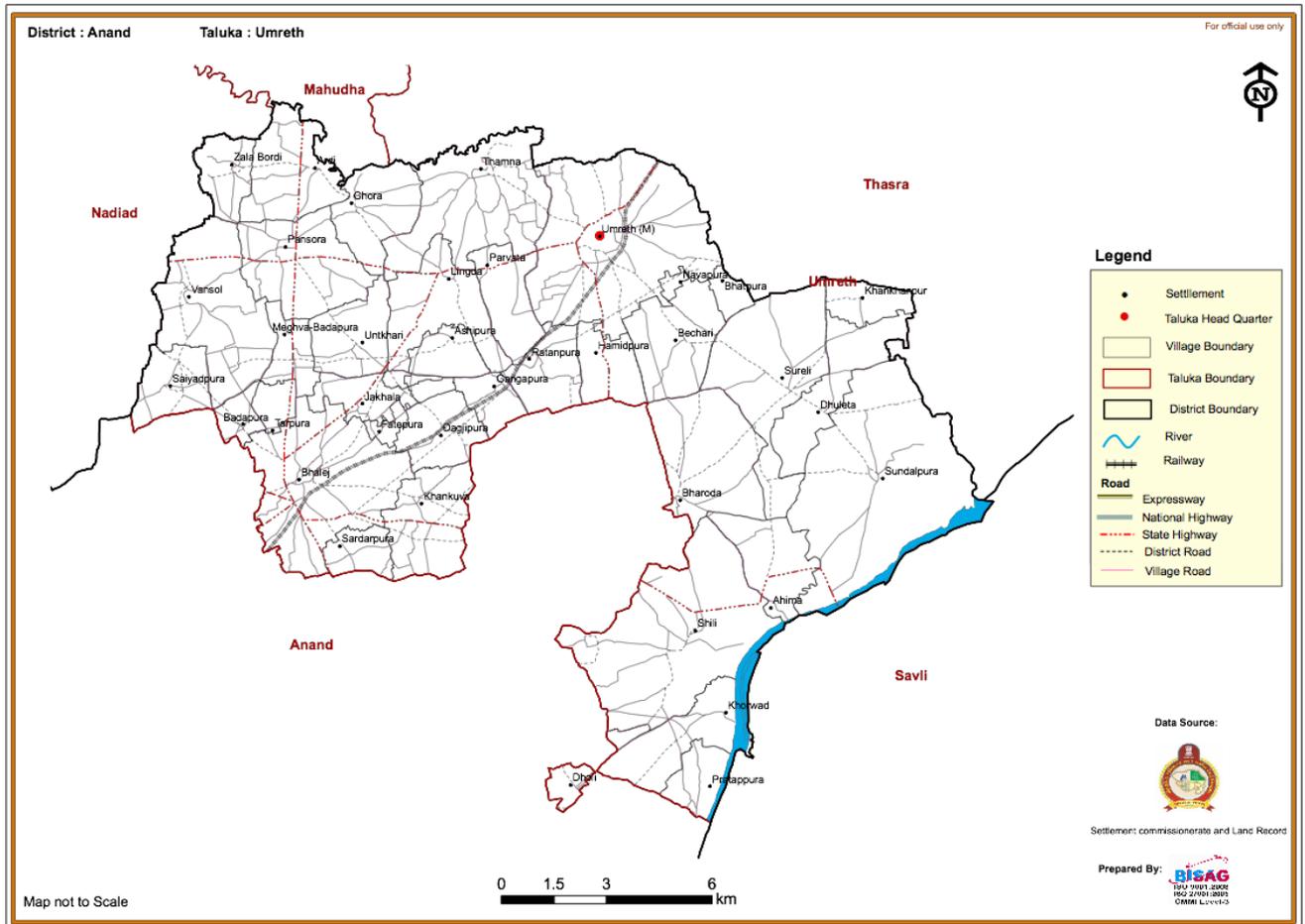
			Bhetasi Vanto	22 ⁰ - 25 [°] - 42 N	73 ⁰ - 03 [°] - 47 E
			Gambhira	22 ⁰ - 15 [°] - 45 N	73 ⁰ - 58 [°] - 34 E
7	Anand	Borsad	Dahevan	22 ⁰ - 16 [°] - 31 N	72 ⁰ - 49 [°] - 39 E
			Badalpur	22 ⁰ - 16 [°] - 05 N	72 ⁰ - 47 [°] - 58 E
			Valvod	22 ⁰ - 18 [°] - 53 N	72 ⁰ - 54 [°] - 24 E
8	Anand	Khambhat	Golana	22 ⁰ - 27 [°] - 34 N	72 ⁰ - 25 [°] - 05 E
			Pandad	22 ⁰ - 22 [°] - 36 N	72 ⁰ - 27 [°] - 03 E
9	Anand	Tarapur	Galiyana	22 ⁰ - 29 [°] - 26 N	72 ⁰ - 27 [°] - 03 E
			Rinza	22 ⁰ - 33 [°] - 19 N	72 ⁰ - 26 [°] - 26 E

			Khada	22 ⁰ - 35 [°] - 03 N	72 ⁰ - 28 [°] - 48 E
			Milrampura	22 ⁰ - 33 [°] - 58 N	72 ⁰ - 31 [°] - 18 E
			Chitarwada	22 ⁰ - 32 [°] - 19 N	72 ⁰ - 27 [°] - 39 E
			Dugari	22 ⁰ - 32 [°] - 27 N	72 ⁰ - 29 [°] - 27 E
			Nabhoi	22 ⁰ - 33 [°] - 52 N	72 ⁰ - 28 [°] - 12 E
			Mota Kalodara	22 ⁰ - 35 [°] - 44 N	72 ⁰ - 29 [°] - 56 E
			Fatepura	22 ⁰ - 30 [°] - 38 N	72 ⁰ - 27 [°] - 08 E
			Pachegam	22 ⁰ - 32 [°] - 24 N	72 ⁰ - 27 [°] - 05 E
			Kasbara	22 ⁰ - 31 [°] - 06 N	72 ⁰ - 29 [°] - 18 E

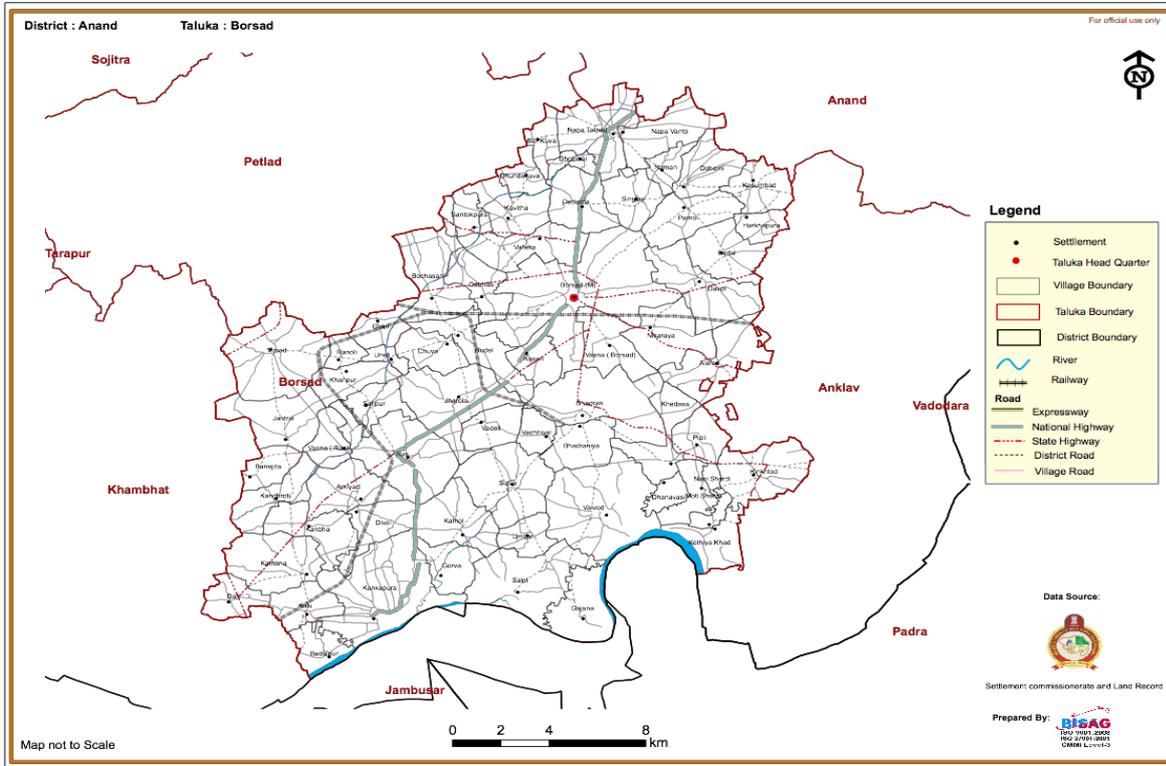
Annexure 21: Anand Taluka Map



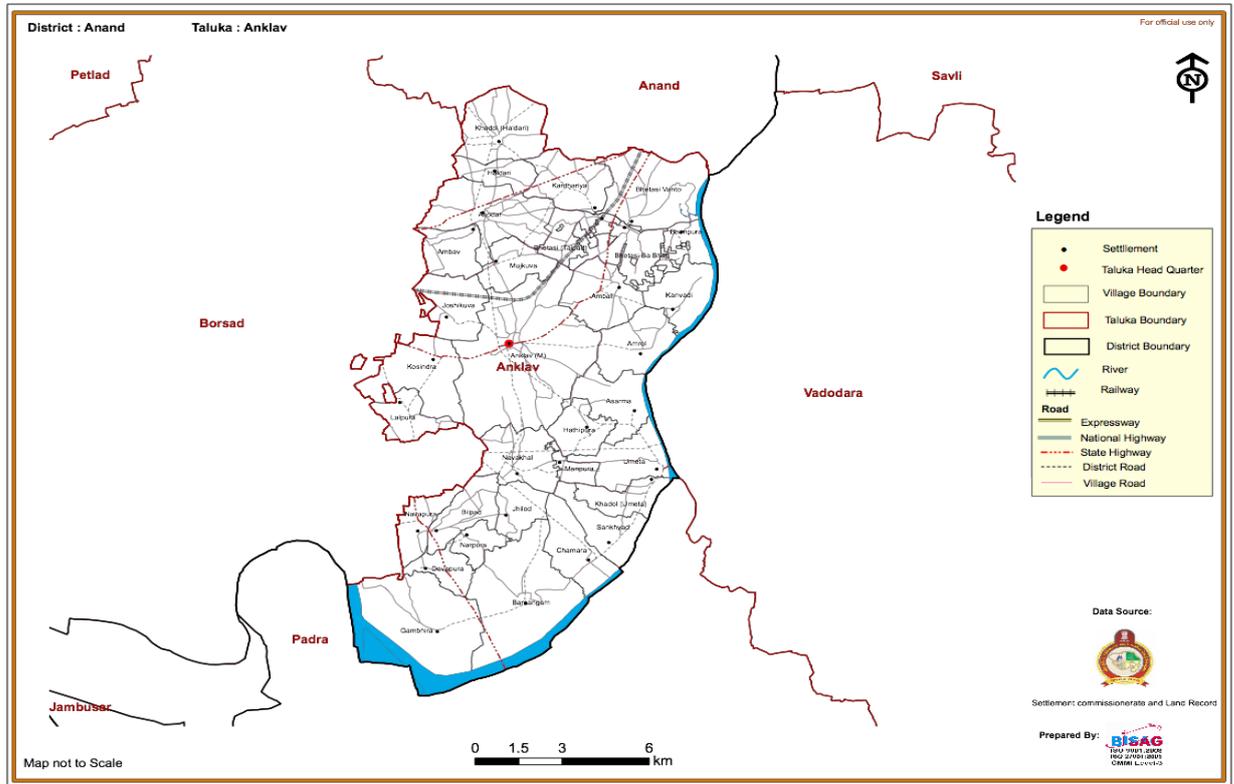
Annexure 22: Umreth Taluka Map



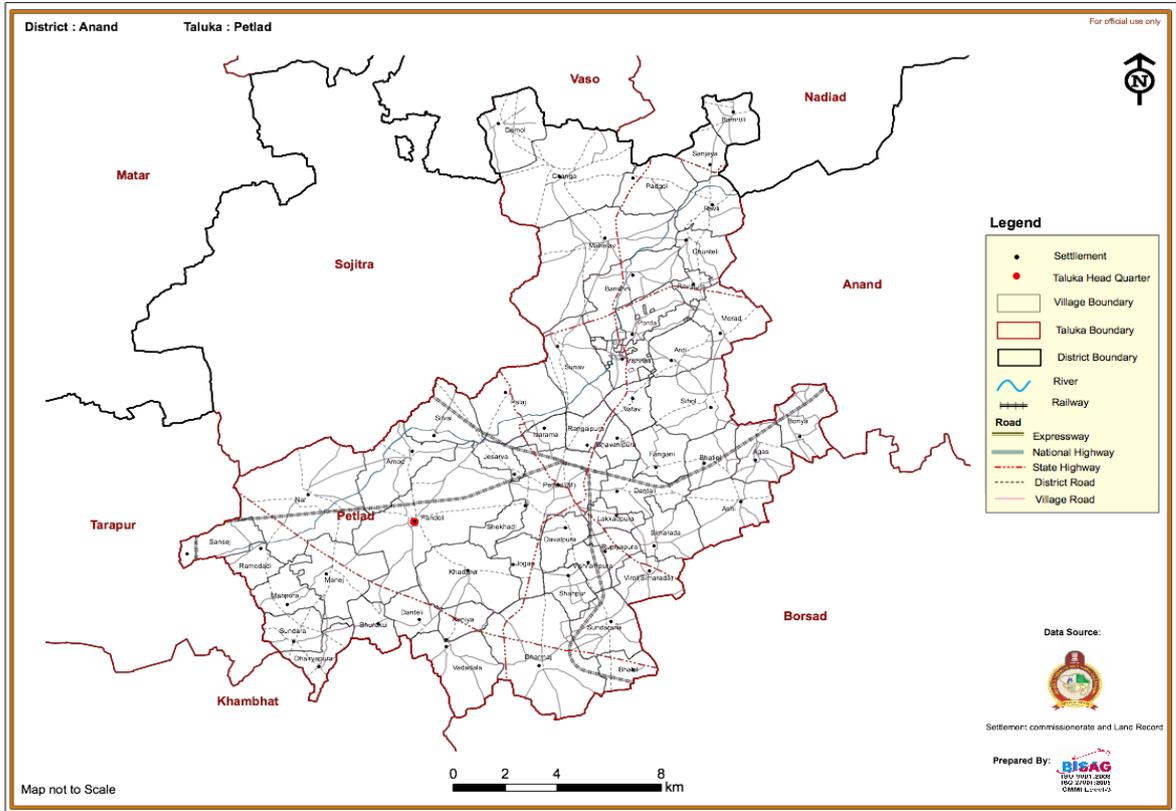
Annexure 23: Borsad Taluka Map



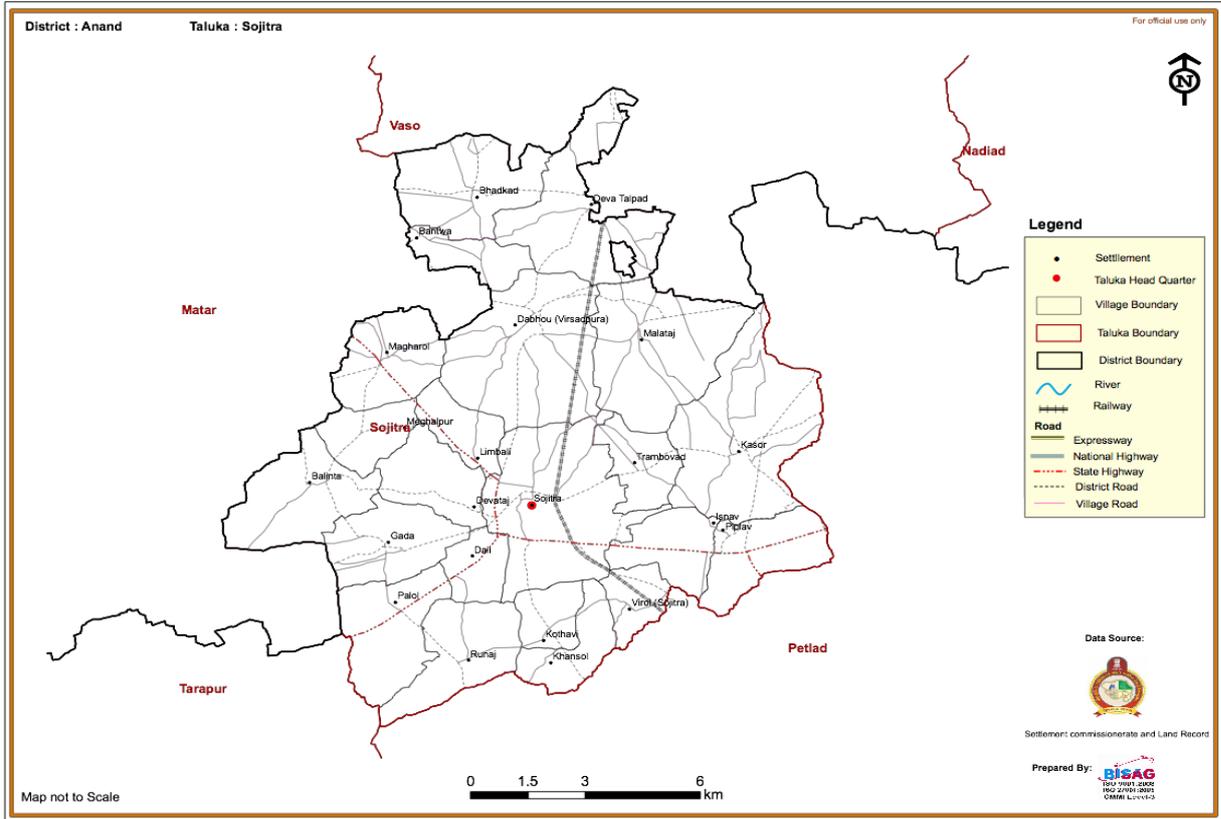
Annexure 24: Anklav Taluka Map



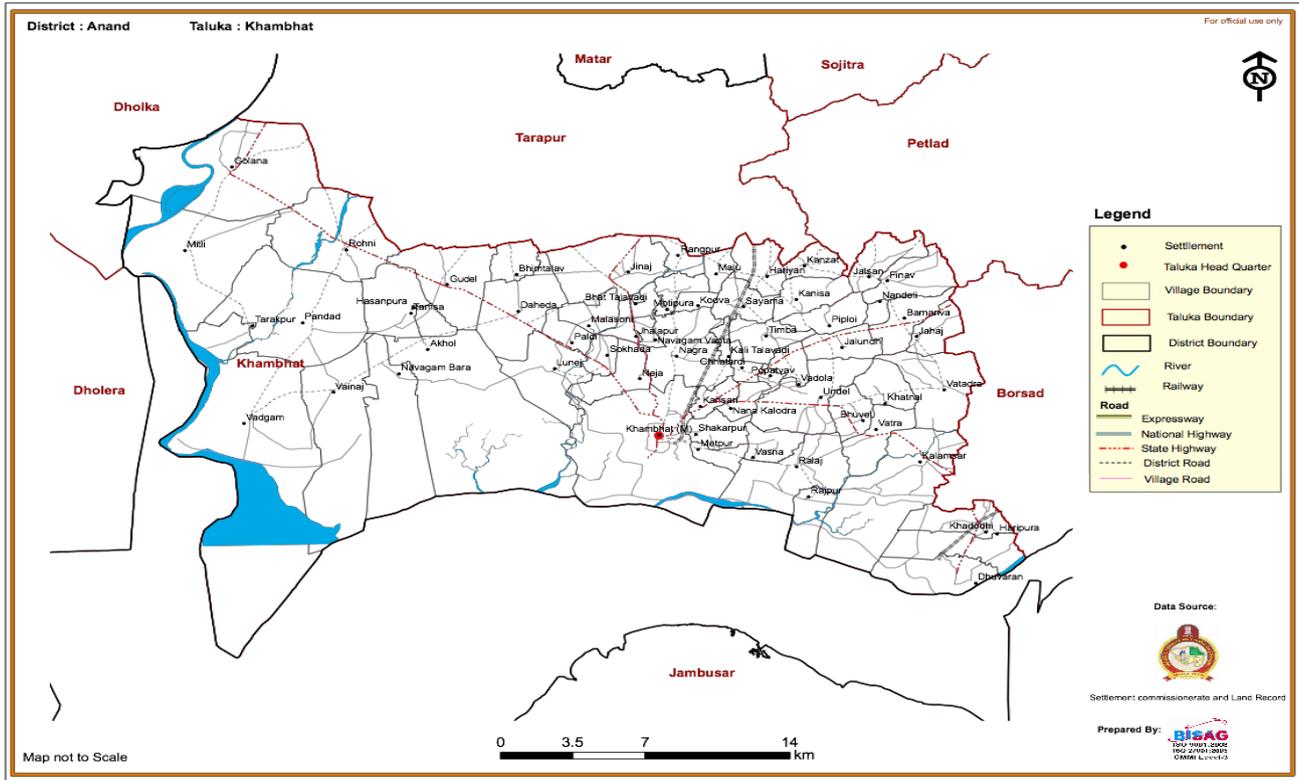
Annexure 25: Petlad Taluka Map



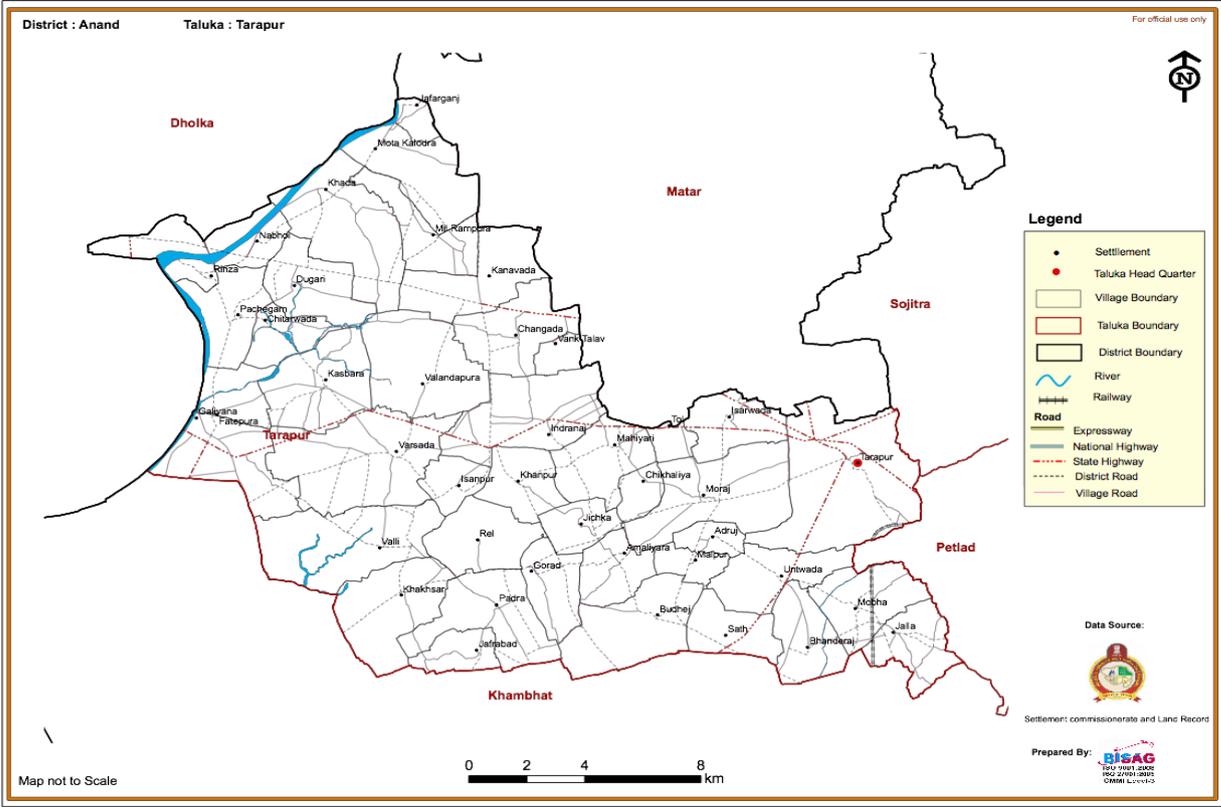
Annexure 26: Sojitra Taluka Map



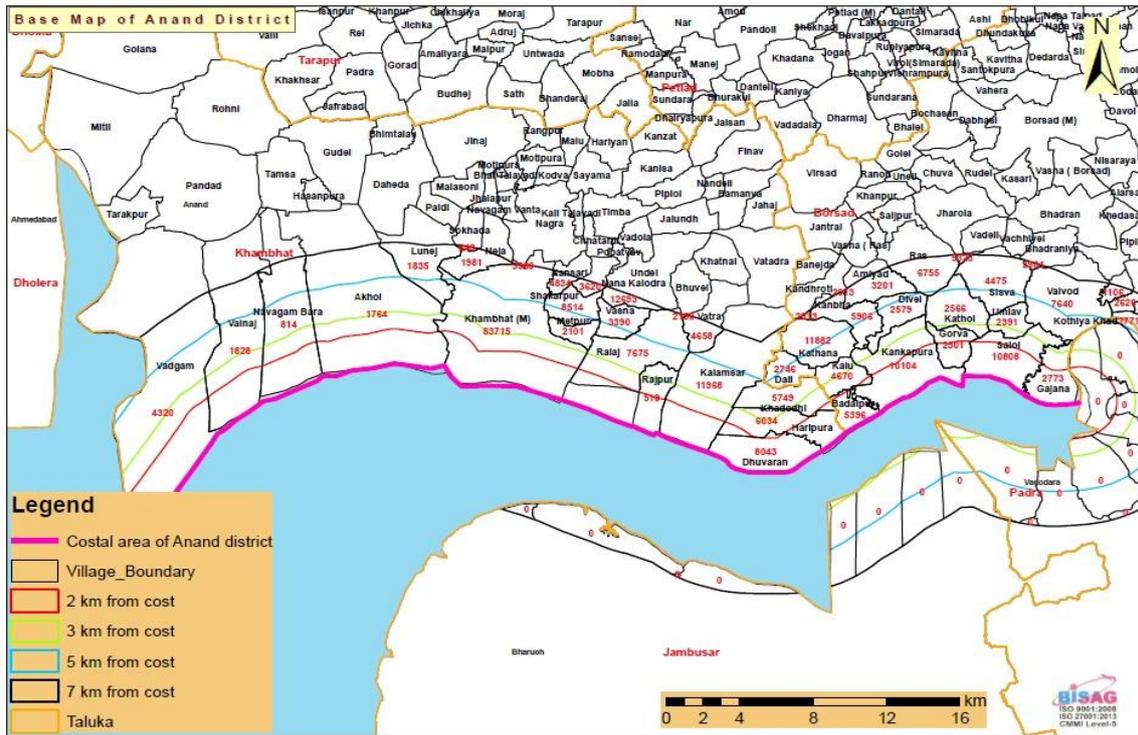
Annexure 27: Khambhat Taluka Map



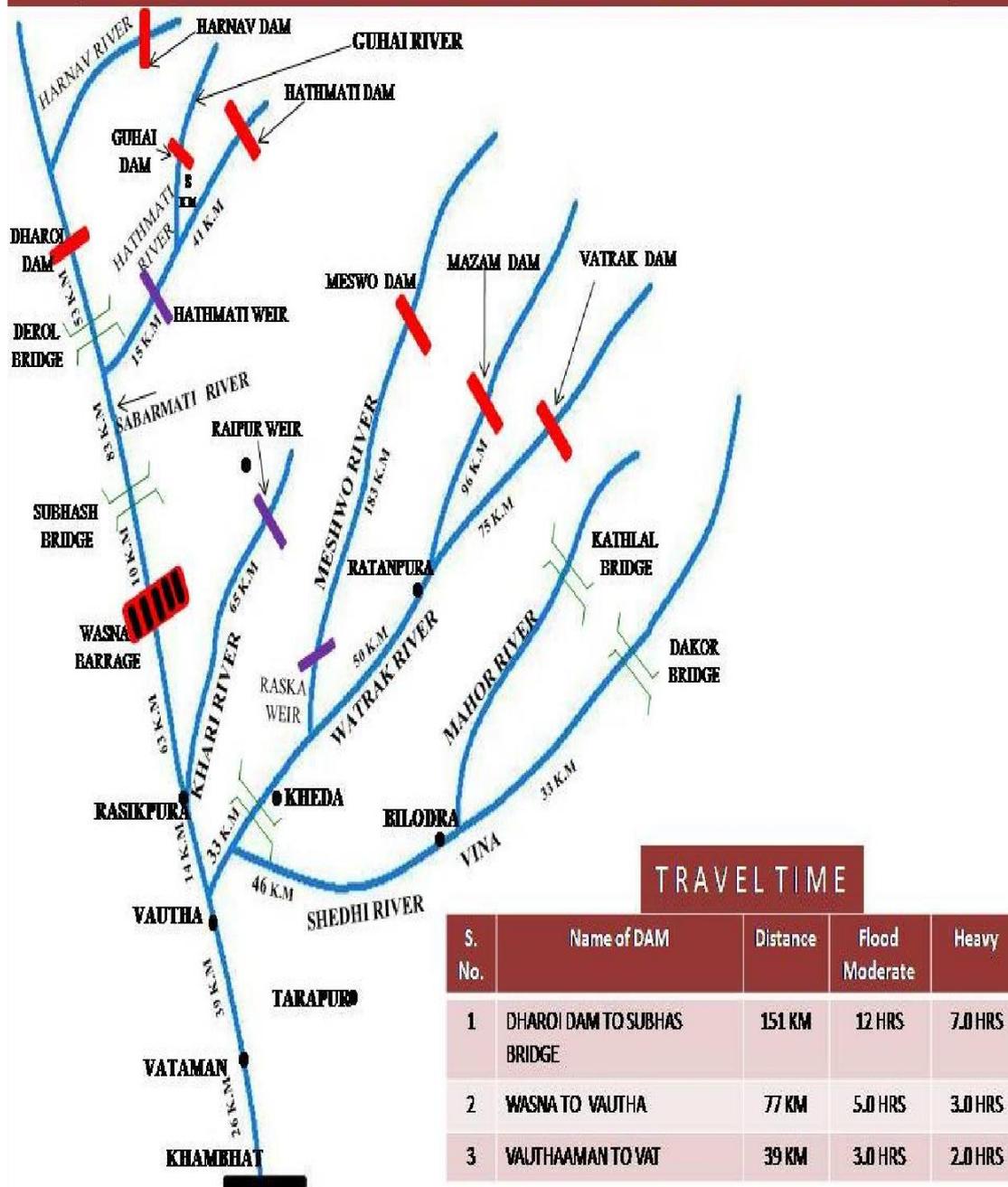
Annexure 28: Tarapur Taluka Map



Annexure 29: Cyclone Map



Annexure-30: Line Diagram of River Sabarmati from Origine to Gulf of Cambay



Annexure 31–:Line Diagram of River Mahi From Origin To Gulf of Cambay

Somkamla dam 35 km Dharwaddam 80 km Mahibajajsagar dam 82 km G.S. bajana

