











பெருந்து சென்னை மாந்துரம்கி

GREATER CHENNAI CORPORATION

CITY DISASTER MANAGEMENT PERSPECTIVE PLAN 2024



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CITY DISASTER MANAGEMENT PERSPECTIVE PLAN 2024



PREFACE

Chennai City located on the coramandel coast of the Bay of Bengal has a flat terrain in which most of the areas are with average elevation of barely 2.0 meters above mean sea level. The City features tropical wet and dry climate. Two major rivers flow through Chennai, the Cooum River and the Adyar River. The third river namely Kosasthalaiyar travels through the

northern fringes of the City before draining into the Bay of Bengal at Ennore. The Buckingham Canal runs parallel to the coast linking the two rivers. The Otteri Nullah, an east—west stream runs through north Chennai join the Buckingham Canal at Basin Bridge. Many lakes of varying size are located on the western fringes of the City.

The topography and erratic climatic conditions makes Chennai City to witness disasters in several occasions such as cyclones, monsoon floods due to heavy down pour cloud burst, earthquakes, Tsunami etc,. There are some of the areas below the mean sea level which makes it difficult to manage inundation during heavy rainfall. Moreover disasters are beyond our control and capabilities wherein we can reduce the risk and prevent losses to certain extent. Greater Chennai Corporation as the jurisdictional disaster management authority has the foremost responsibility to effectively coordinate the disaster mitigation and response arrangements.

In this context, I would like to present the Citizens of Chennai, City Disaster Management Perspective Plan (CDMP) taking into account the global and national trends in disaster management and it incorporates the approaches suggested in the Sendai Framework for Disaster Risk Reduction 2015 – 2030 which outlines topmost priorities for action:-

- a) Understanding disaster risk.
- b) Strengthening disaster risk governance to manage disaster risk.
- c) Investing in disaster risk reduction for resilience and
- d) Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction.

As a initiative of smart governance on disaster management, we have set up an Integrated Command and Control Center that will actively share the disaster related information gathered through environmental sensors, rain gauges, flood monitoring sensors and CCTV surveillance and mobile command and control center. We have also considerably increased our investments in City infrastructure amenities combat disasters. The integrated storm water drain project is one of such example for it. We have adopted the suggestions made by the Advisory Committee for flood mitigation and management headed by former IAS officer Thiru. V.Thiruppugazh to overcome civic issues faced during the last monsoon in various parts of the Chennai City.

The City Disaster Management Plan provides a broad framework covering the implementation which requires very sincere and well coordinated approach among all stakeholders, active participation of the civil society, community based organizations and private sectors. I thank one and all including 'Friends in disasters', who play major role actively during disasters in the City. I request all the stakeholders to work together as a Team to make Chennai City disaster-resilient.

R. PRIYA

Honourable Mayor Greater Chennai Corporation

VISION

To enhance the disaster preparedness, to maximize the ability to cope up with disasters and significantly reduce the losses of lives, livelihoods and properties. To minimize the vulnerability to disasters and thus make the city of Chennai disaster resilient and make it a safe place to live in.

MISSION

- Increase resilience and prevent the emergence of disasters by strengthening scientific and technical capabilities on all aspects of preparedness.
- Identify vulnerability of the different parts of the city to disasters and specify minimum standard measures to be adopted for prevention and mitigation of disasters.
- Assign well defined roles and responsibilities to various administrative units in the Greater Chennai Corporation to prepare, mitigate and respond to any disaster.
- Coordinate with Government Departments, NGOs, other Institutions as partners to reduce and manage disaster risks.
- Increase the capacity development comprehensively at all levels to effectively respond to multiple hazards of a disaster.

RATIONALE

As per Section 31 of the Disaster Management Act, 2005(DM Act), District Disaster Management Authority (DDMA) of each district in the country shall prepare City Disaster Management Plan (CDMP) which is to be approved by State Disaster Management Authority (SDMA). It is to be reviewed and updated annually. The DM Act further provides that DDMP shall, inter alia, include areas in the district vulnerable to different forms of disasters; measures to be taken for prevention, mitigation, capacity-building and preparedness. The DDMP shall also include response plans and procedures, in the event of a disaster providing for allocation of responsibilities to the Departments of the Government at the district level and the local authorities in the city; prompt response to disaster and relief thereof; procurement of essential resources; establishment of communication links; and the dissemination of information to the public to respond to any threatening disaster situation or disaster.

EXECUTIVE SUMMARY

The City Disaster Management Perspective Plan 2019-2030 (CDMP) is framed as a set of guidelines to be followed for effective disaster management at the district level and thus forms an action plan for the city of Chennai in its disaster preparedness, prevention mitigation and also for the monitoring of impending disasters. This plan has taken into account the vulnerabilities of Chennai for disasters based on its geography, demography, and its social and environmental aspects. It has been prepared based on the principles in National Disaster Management Plan (NDMP) and State Disaster Management Plan (SDMP). It also highlights Chennai's actions and priorities based on the State Disaster Management Perspective Plan 2018-2030 and the Sendai Framework for Disaster Risk Reduction 2015-2030.

The CDMP covers the occurrence of national calamities in the past such as floods, cyclones, and tsunamis. It also highlights mitigation strategies, assembly locations, and preparedness measures for different disasters. Areas that have faced inundation during previous natural disasters are also identified. The governance mechanism to manage disasters and to deal with the impacts is also highlighted by the various departments of the government and of Chennai Corporation.

The Control Room at the Greater Chennai Corporation serves as Chennai's Emergency Operations Centre. Based on the Standard Operating Procedures, in the event of a disaster, responsibilities of the concerned departments at the city level and of government are outlined to ensure prompt response to disaster. Immediate relief and rehabilitation measures by mobilizing essential resources with the proper dissemination of information to the public will be coordinated by the Control Room.

This plan outlines the investments and preparedness for disaster risk reduction by the Government of Tamil Nadu and Greater Chennai Corporation to proactively approach disasters based on the State Disaster Management Perspective Plan. It also demonstrates GCC's initiatives with Governmental and NGOs / Institutions to respond to disasters.

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1.0 INTRODUCTION

1.1 Disaster Management and Planning

Disaster is a hazard causing heavy loss to life, property and livelihood. The term disaster management deals with relief and rescue operations before and after the occurrence of the disaster. The disaster risk management is the systematic process of using administrative decisions, organization, operational skills and capacities to implement policies, strategies and coping capacities of the society and communities to significantly minimize the impacts of natural hazards and related environmental and technological disaster. The disaster management plan has to be implemented to minimize the adverse impact of the multiple hazard with the broad context of sustainable development. The disaster management is the process of organization, planning and application of measures preparing for prevention, responding to and initial recovery from disasters. The management of resources and responsibilities for dealing with humanitarian aspects of emergencies.



Disaster Management Cycle

The pie chart shows the typical disaster management action plan for any kind of disaster occurrence. The disaster is a result of the combination of many factors such as the exposure to hazards, the conditions of vulnerability that are present and insufficient capacity or measures to reduce or cope with the potential negative consequences. Disaster impacts may include loss of life, injuries, disease and other negative effects on human physical, mental and social well-being, together with damage to property, destruction of assets, loss of services, social and economic disruption and environmental degradation.

1.2 Need of Disaster Management plan

The natural disaster is an unexpected event that cannot be prevented but its effect can be minimized. The disaster management plan has been framed for the prevention of danger or threat of any disaster, mitigation or reduction of risk of any disaster or its severity or consequences, capacity-building, preparedness to deal with any disaster, prompt response to any threatening disaster situation or disaster, assessing the severity or magnitude of effects of any disaster evacuation, rescue and relief and rehabilitation and reconstruction. The plan is framed based on the collection of catastrophic events. The disaster causes major threat to lives and property.

Protection includes the installation of alarms, fire suppression systems, establishment of basic building security measures, the assembly of emergency supply kits and the organisation of an in-house disaster response team. Response includes actions to be undertaken to deal with the demanding situation often with the help of outside expertise and advice. The plan should be easy and provide a speedier response. The necessary resources should be identified and the sources of assistance also should be identified.

The management plan can avert the disaster before it occurs, anticipating the future course of natural occurrence such as flood will reduce the vulnerability, to provide rehabilitation programme like construction of dwellings and other infrastructures, to undertake the liaison works, to protect and preserve the environment and to prevent the losses of life and property.

1.3 Scope of Disaster Planning

The scope of this Chennai disaster plan's entities (e.g., departments, agencies, private sector, NGOs, citizens) and covers entire geographic area of Greater Chennai Corporation. The guidelines of the Disaster Management Authority used largely for preparation of Disaster Plan for Greater Chennai Corporation covering revenue districts of Chennai, part of Tiruvallur and Kancheepuram Districts.

The purpose of the statement should include enough information to establish the direction of the plan. The scope should include all disaster phases such as Prevention, Preparedness, Mitigation, Response and Recovery, redressal to multiple hazards to be implemented in whole city/ in certain areas of the city and zone wise Disaster Management Plan on a micro scale.

Special care has been taken for special groups including disabled, aged, children, sick and pregnant women to ensure that the relevant Disaster Risk Reduction (DRR) concerns are integrated in the Plan. The plan is also focussed on the relief measures and necessary mitigation plans that are to be undertaken by the government bodies

1.4 Objective of the Disaster Planning

The main objective of this disaster plan includes prevention, mitigation, preparedness measures, response plan and procedures for Chennai City.

The following are the indicative list with possible objectives.

- * Closely follow the NDMA/SDMA directions in identifying impending disaster and to enhance the preparedness to face it.
- Improve the timely warning and alerts to be delivered in precise manner so as to alert the people from major risks associated with the disaster.
- * Receive swiftly scientific/ technical advice from Government/ Institutions and ACT.
- * The quick response system to be implemented for proper communication to people in flood affected area.
- * Utilizing all agencies capable of providing assistance.
- * Effective co-ordination are the integral components of effective disaster management as the team have to work with good rapport to perform the work effectively.
- * The help and rescue operation has to be carried out with minimum delay so the needs are fulfilled within time to reduce the maximum losses and damages.
- * The field workers and officials should bring solace to the troubled minds by interacting with the people and encouraging them to be free from problem caused by the disaster.

1.5 Types Of Disasters

There are 28 types of common natural and manmade disasters, which can be classified into these following 5 sub-groups.

i. Hydro- Meteorological Disasters (8)

Cyclones, Droughts, Periodical floods/ Urban floods, Hailstorm, Cloud burst, Heat wave, Coastal Erosion, Thunder and Lightning.

ii. Geological Disasters (3)

Landslides, Earthquake and Tsunami.

iii. Chemical, Industrial and Radiological (3)

Industrial Fires, Gas & Chemical Leakages, Nuclear Disaster

iv. Accidents Disasters (10)

Forest Fires, Electrical Fires, Collapsing of Buildings, Urban Fires, Oil Spills, Serial Bomb Blasts, Festival Fire, Stampedes, Road/Rail Accidents, Air Crash and Boat Capsizing.

v. Biological Disasters (4)

Pest attacks, Food poisoning, Water borne diseases and Cattle epidemics.

1.6 Response Planning

The disaster response structure will be activated on the receipt of disaster warning /on the occurrence of the disaster. The aim of this plan is to establish an understanding of the structure and operating procedures for addressing all aspects of disaster preparedness and response in Chennai city. This plan seeks to ensure that the disaster preparedness for response is carried in a coordinated and collaborative manner, ensuring the greatest protection of life, property, health and environment.

Disaster early warning is a major element of disaster risk reduction. Early action can often prevent major catastrophes. To be effective and sustainable, they must actively involve the communities at risk.

Response mechanism of the concerned line departments along with the roles and responsibilities of each one of them and immediate relief to be provided to the affected population is also inclusive.

Greater Chennai Corporation Plan will essentially focus on

- i. Co-ordinating with Metrological Department to get the warning report against the severe weather phenomena like tropical cyclones, heavy rain, floods, seismicity etc.,
- ii. Establishment of contact centres for people through Telephones and Web connectivity. For all weather related enquiries to contact, Duty Officer, Area Cyclone Warning centre 044 28271951
- iii. An early disaster warning system with very high frequency equipment and public address systems with sirens, addressing public through air media will be established.
- iv. Tsunami Alert has to be received from the Indian Tsunami Early Warning Centre (ITEWC) of the Indian National Centre for Ocean Information Services (INCOIS).
- v. The Greater Chennai Corporation has introduced individual complaint helplines at Head Quarter in each of the 15 zones. The 24-hour helpline will function till the end of the North-East monsoon. The complaint numbers will be directly picked up by the zonal Officers, helpline operators and complaints are forwarded to the concerned authorities for necessary action.
- vi. Working in close quarters with State Disaster Centre regularly to get disaster related information for necessary action.

1.7 Integration with the State Disaster Management Perspective Plan 2018-2030 and the Sendai Framework

The Government of India came up with the National Disaster Management Plan in May, 2016 integrating the Sendai Framework for Disaster Risk Reduction 2015-2030 adopted at the third United Nations World Conference in Sendai, Japan, in 2015. The Sendai Framework was the first International agreement adopted within the context of the post-2015 development agenda. Two other major international developments followed in the same year. The "Sustainable Development Goals 2015 – 2030" were adopted by all nations in September 2015, and the "Paris Agreement" was signed by the signatories of the UN Framework Convention on Climate Change to combat human induced climate change in December 2015. Disaster risk reduction is a common theme in these three global agreements.

The Paris Agreement on global climate change highlights the importance of averting, minimizing, and addressing loss and damage associated with the adverse effects of climate change, including extreme weather events and slow onset events and the role of sustainable development in reducing the risk of loss and damage. Intrinsic to sustainable development is disaster risk reduction and the building of resilience to disasters. The Hon'ble Prime Minister of India declared a 10 point agenda in the Second Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR), held in New Delhi on November 2016. The 10 point agenda is the Roadmap for Disaster Risk Management to Climate Resilient and Sustainable Development.

The Government of Tamil Nadu has prepared the State Disaster Management Perspective Plan 2018-2030 which has accorded primacy to the priorities enunciated in the Sendai Framework, the Sustainable Development Goals, the Paris Agreement on Climate Change and the Hon'ble Prime Ministers 10 Point Agenda. The plan has been prepared as per the Disaster Management Act 2005(Para 23 item 4) and has relied on the National Disaster Management Authority Guidelines on State Disaster Management Plan. The Plan was developed based on an elaborate consultative process with the District Disaster Management Authorities, Departments of Government, civil society, and other multi-stakeholders.

The Sendai Framework is a 15-year voluntary, non-binding agreement which recognizes that countries have the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders. It aims for the following outcome "The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries."

The State Disaster Management Perspective Plan 2018-2030 aspires "to build a safe and disaster resistant Tamil Nadu through systems approach, inclusive development and mainstreaming disaster risk concerns into the development ethos of the State" with 14 goals as highlighted below.

1. Comprehensive Flood Protection throughstructural and non-structural interventions to reduce the risks and enhance resilience and resistance of the community with special reference to Thiruvallur, Kancheepuram, Cuddalore, Nagapattinam, Thoothukudi,Ramanathapuram and Kanyakumari Districts.

- 2. Minimise the risk of urban floods with special focus on Greater Chennai Corporation and itsneighborhood.
- 3. Enhance the resilience of farmers to face the vagaries of monsoon and impacts of climate change with special reference to Delta Districts.
- 4. Recharge the aquifers in Blocks where groundwater is currently overexploited/critical/semi-critical categories and convert into safe category.
- 5. Restore and protect ecologically fragile wetlands and Marsh Lands with special focus on Pallikaranai and Ennore Creek Areas and Gulf of Mannar.
- 6. Reclaim and restore areas affected by sea water intrusion and prevent sea water intrusion in coastal areas with special focus on Chennai, Thiruvallur and Cauvery Delta Districts.
- 7. Enhance bioshields to mitigate floods and storms in Coastal Districts
- 8. Restore and strengthen waterbodies and enhance the capacity of the water bodies through desiltation to mitigate floods and drought.
- 9. Promote sustainable agricultural practices in rainfed areas with special focus on Ramanathapuram, Dindigul, Perambalur, Sivagangai, Virudhunagar, Dharmapuri, Namakkal and Ariyalur Districts.
- 10. Reduce the risks in areas which are prone to specific disasters like landslides, forest fire etc. with a special focus on The Nilgiris, Coimbatore, Erode, Theni, Krishnagiri, Vellore, Villupuram, Dindigul and Thiruvallur Districts.
- 11. Enhance multistakeholder participation, especially community participation with social inclusion.
- 12. Strengthen non-structural measures to reduce the risks due to man-made and natural disasters.
- 13. Deliver climate resilient hydraulic infrastructure for irrigation and drainage to reduce inundation and flood damages, as well as sea water incursion with special focus on Delta Districts.
- 14. Build the capacity to manage Chemical, Biological, Radiological and Nuclear (CBRN) and other man-made disaster

Disaster risk management is highly complex requiring multipronged strategies by governments as well as by other stakeholders. Successful risk reduction strategies require a thorough understanding of the various disaster risks, robust disaster risk governance, thorough preparedness, effective response and build back better strategies. The disaster risk management to build resistant communities as well as transform areas vulnerable to disasters into disaster resilient areas; requires significant investments in disaster risk reduction from government as well as the private sector and communities. To address the goals that are specific and relevant to GCC, the various measures that are under implementation as well as planned to be taken up in the immediate future are explained in the subsequent chapters as per the Sendai Framework for Disaster Risk Reduction 2015-2030 and the State Disaster Management Perspective Plan 2018-2030.

2.0 CHENNAI CITY: A PROFILE

2.1 City Profile

Chennai formerly known as the Madras or Madarasapattinam is the capital of the Tamil Nadu state. It is reffered to as the "Gateway of South India". Tamil Nadu is one among the most urbanized States in the Country and Chennai city is the fourth most populous Metropolitan city in India, next to Mumbai, Kolkatta and Delhi. Chennai City is situated in the North East end of Tamilnadu on the coast of Bay of Bengal. Chennai city is bounded by the Northern Latitudes of 12°59' 10" and 13°08' 50" and the Eastern Longitudes of 80°12' 10" and 80°18' 20".

It is also called as the port city with a long coastal line of about 43 kms from Kathivakkam in the north to Uthandi in the south along the Bay of Bengal. The jurisdiction of the city has been expanded in the year 2011 by increasing the area from 174 sq.km to 426 Sq.km covering 3 revenue Districts namely Chennai, partly Kanchipuram and Thiruvallur. Chennai is one of the four cities in India through which the country is connected with the rest of the world through undersea fibre-optic cables, the other three being Mumbai, Kochi, and Tuticorin.

2.2 Chennai Population

The average population of Chennai city is about 66.72 lakhs based on 2011 census with a sex ratio of 989 females for every thousand males, much above the national average of 929. TNSCB estimates that 1.08 Lakhs economically weaker section families living in undeveloped slums of which 72,827 families are living in

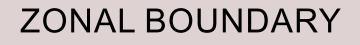
THIRUVALLUR

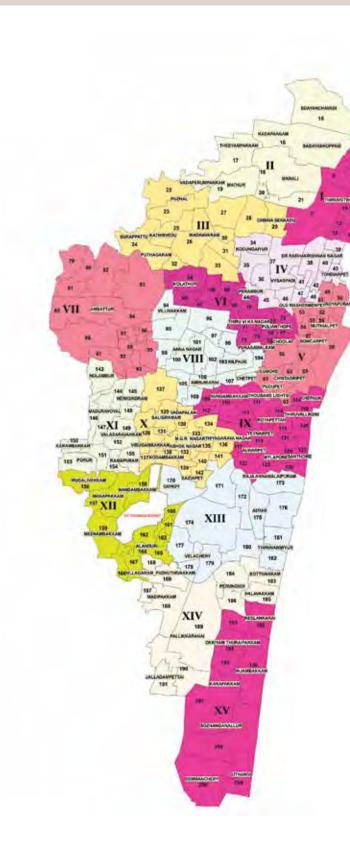
KANCHEEPURAM

Core city Extended area

GCC with Adjacent Districts

objectionable slums. TNSCB has also estimated that there are about 37,000 families living in unobjectionable areas and 9,687 families in Adyar river banks and 14,237 families in Cooum river banks. The birth and death rate in Chennai is 400 and 160 respectively. The average literacy rate in the city is 81.27% much high compared to national average of 72.99%. The ward wise population of every zone is mentioned in the zonal chapters.







BAY OF BENGAL

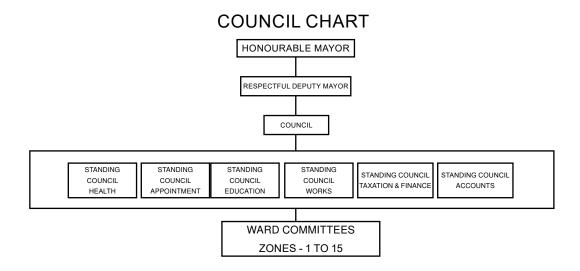
S.NO	ZONE	NAME OF THE ZONE	WARD NUMBER
1	1	THIRUVOTRIYUR	1 TO 14
2	.h	MANALI	15 TO 21
3	ex	MADHAVARAM	22 TO 33
4	(V	TONDIARPET	34 TO 48
5	V	ROYAPURAM	49 TO 63
6	W	THIRU-VI-KA NAGAR	54 TO 78
7	W	AMBATTUR	79 TO 93
8	VIII	ANNA NAGAR	94 TO 108
0.	rx.	TEYNAMPET	109 TO 126
10	×	KODAMBAKKAM	127 TO 142
tt	or	VALASARÁVAKKAM	143 TO 155
12	XI	ALANDUR	156 TO 167
13	XH	ADYAR	170 TO 182
14	XIV.	PERUNGUDI	168,169 183 TO 191
15	xv	SOZHANGANALLUR	192 TO 200

2.3 Evolution, Administration and Functions

The office of Greater Chennai Corporation is located at the Ripon Building, commissioned in 1913. Chennai city is governed by the Greater Chennai Corporation. It is being headed by the Mayor, who presides over 200 councilors each of whom represents one of the 200 wards of the city.

The Greater Chennai Corporation is administered by the Commissioner. There are 4 Joint/Deputy Commissioners in the Head Quarters assisting the Commissioner looking after Works, Health, Education and Revenue & Finance each. The functions of the Deputy Commissioners at the Head Quarters are to head the respective departments and report to the Commissioner. For effective administration and to render better service, the Greater Chennai Corporation is divided into three regions namely North, Central and South having 15 Zones, comprising 45 Units further divided into 200 Divisions. At 3 regional levels, Regional Deputy Commissioners North, Central and South are heading the regions each looking after 5 zones. The Zonal Officers/Assistant Commissioners are heading 15 Zones each with 2 Executive Engineers per Zone followed by "Unit offices" headed by Assistant Executive Engineer and "Divisional Offices" at grass root level headed by an Assistant Engineer/ Junior Engineer.

The administration of the Greater Chennai Corporation is being systematically organized with proper hierarchy. The administrative structures, duties and responsibilities of each officials, issues and preparedness plan are well discussed in detail for each zone in the zonal chapters.



2.4 Services Rendered by Greater Chennai Corporation

The major works carried are formation and maintenance of roads. Greater Chennai Corporation maintains 34,640 interior roads measuring a total length of 5,525 km and 471 bus route roads for 387 km. The Greater Chennai Corporation is maintains 2,91,000 Street Lights, all the street lights are energy efficient LED lights. 435 High mast lights have been erected at vital locations such as major road junctions, beaches and parks. Greater Chennai Corporation is maintaining the Stormwater drains about 2624 km, and also maintains Canals, Flyovers, Health buildings, Schools, Parks, Community center, Burial ground etc., in the city. Greater Chennai Corporation is involved providing the basic amenities such as maintaining 786 Parks, 113 Traffic Islands and 169 community halls.

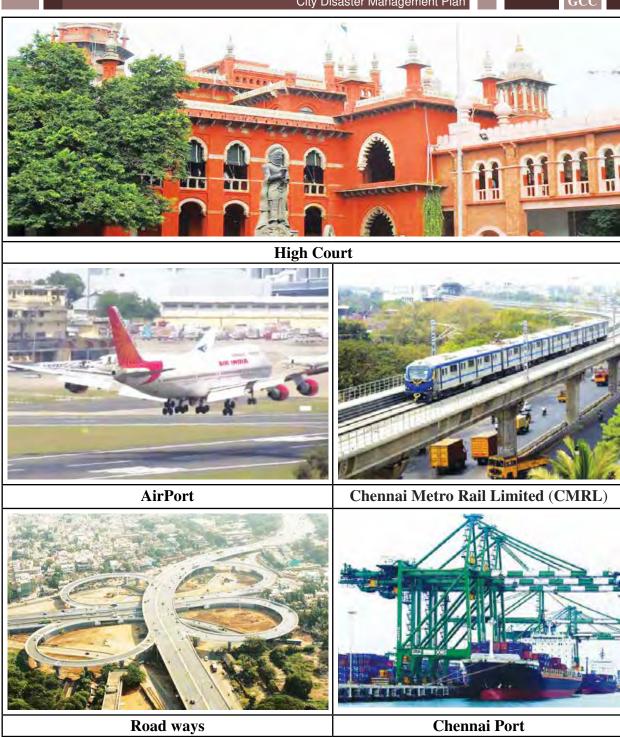
GCC runs 206 Primary Schools, 130 Middle Schools, 46 High Schools and 35 Higher Secondary Schools, totalling 417 Schools with 3522 teachers and 1,18,995 Students. GCC also runs 200 Kinter Garden Schools with in the existing school premises.

GCC provides Health Services through 140 Urban Primary Health Centers, 16 Urban Community Health Centers, 3 Emergency Obstetric Centers, 1 Communicable Disease Hospital with 238 medical officers, 7 Dialysis centers, 40 polyclinics and 1043 paramedical staff. On an average every day 17,800 out patients are treated in the above health centers.

Greater Chennai Corporation provides quality/hygienic food and drinking water through Amma Unavagam.

2.5 Essential Services by Other Authorities

The following Authorities like Madras High Court, Chennai Metropolitan Development Authority (CMDA), Greater Chennai Police, Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB), Tamil Nadu Generation and Distribution Corporation (TANGEDCO), Tamil Nadu Fire and Rescue Service (TNFRS), Airport, Ports, Railways, Road ways etc. also delivers essential service to the citizens.



The services of authorities and departments are mentioned in detail in the following.

DEPARTMENTS	FUNCTIONS OR SERVICES
Madras High Court	Highest Judicial authority in the State
Chennai Metropolitan Development Authority (CMDA)	Responsible for planning and development of Chennai Metropolitan Area.
Greater Chennai Police	Maintains law and order, traffic in the city.

DEPARTMENTS	FUNCTIONS OR SERVICES
Chennai Metropolitan Water Supply and Sewerage Board CMWSSB)	It is exclusive agency which provides drinking water and maintains sewage systems in the city.
Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO)	Supply of electricity to house holds, street lights and other institutions.
Tamil Nadu Fire and Rescue Service (TNFRS).	Involved in fire and rescue operations.
Airways	The Chennai Airport handles both International and Domestic flights through Anna International terminal and Kamaraj Domestic terminal respectively. It is the third busiest airport in India and handles 12 million passengers in a year. The Airport located at a distance of 25 km from the city and is accessible by road, train and metro transport services.
Ports	The city is served by two major ports namely Chennai Port and Ennore Port. The Chennai port is the largest artificial port situated in Bay of Bengal handling an annual cargo tonnage of 61.46 million (2010–2011) and it is India's second busiest container hub, handling general industrial cargo, automobiles, etc. Chennai Port has 21 alongside berths in three distinct zones of the Chennai port namely the Ambedkar Dock, Jawahar Dock and Bharathi Dock. The Ennore port currently handles cargo such as coal, ore etc.
Railways	Chennai is the birthplace of the railway system in India. Chennai Central is the headquarter of the Southern Railway Zone. The city has two main railway terminals. Chennai Central station, provides access to other States and Chennai Egmore stations is a terminus primarily within Tamil Nadu; it also handles a few inter—state trains. The Chennai suburban railway network, one of the oldest in the country, consists of four broad gauge sectors terminating at two locations in the city, namely Chennai Central and Chennai Beach. The elevated Mass Rapid Transit System which links between Chennai Beach and Velachery. The Chennai Metro, officially Chennai Metro Rail Limited (CMRL), is a rapid transit system serving the city. The first stretch covering the seven stations from Koyambedu to Alandur over a distance of 10 kilometres being operated since June 29th 2015, the section between Chennai Airport and Little Mount commenced operation on 21st September 2016 and the stretch between Alandur and St.Thomas Mount commence operation on 14th October 2016. The stretch between Thirmangalam and Nehru Park over a distance of 7.36 KM commenced operation on 14th May 2017.

DEPARTMENTS	FUNCTIONS OR SERVICES					
Roadways	Chennai is connected by four major National Highways (NH) that originates in the city. They are NH 4 to Mumbai (via Bangalore) NH 5 to Kolkata (via Bhubaneswar) NH 45 to Theni (via Tiruchirapalli) NH 205 to Anantapur, Andhra Pradesh (via Tirupati) The Chennai Mofussil Bus Terminus (CMBT), is one of the largest bus terminal in Asia, serves as the terminus for all intercity buses from Chennai. The Metropolitan Transport Corporation operates public transport buses in the City covering an area of 3,929 square kilometre.					

2.6 Geography and Geology of City

2.6.1 Geology

The geology of Chennai comprises mostly of clay, sediment rocks and sandstone. The city is classified into three regions based on geology as sandy area, clayey area and hard-rock area. Sandy area are found along the river banks and the coast. Most of the cities were covered by clayey regions.

The main part of Chennai city such as T-Nagar, West-Mambalam, AnnaNagar, Perambur and Virugambakkam are covered with clayey. Hard rock areas are Adambakkam and a part in Saidapet. The sandy areas are Tiruvanmiyur, Adyar, Kottivakkam, Santhome, George Town, Tondiarpet and the rest of coastal Chennai.

The groundwater table in most of the area in Chennai is about 4 to 5m depths below the ground. The rainwater run-off in Chennai city percolates very quickly near the coastal area but in clayey and hard rock areas rainwater percolates slowly and held by the soil for a longer period of time.

2.6.2 Topography

Chennai is a plain terrain low-lying area and the land surface is almost flat like a pancake. The terrain is very flat with contours ranging from 2 m to 10 m above mean sea level with a few isolated hillocks. It rises slightly as the distance from the sea-shore increases but the average altitude of the city is not more than 7 m above mean sea level and the average slope varies at 0.7 m per km, while some localities are just at sea level and even in minus level. Terrain slope varies from 1: 5,000 to 1:10,000.

2.6.3 Green Cover and Wetlands

Green space distribution plays a imperative role in urban planning since they contribute significantly in enhancing ecological quality of metropolitan areas. Indian National Forest Policy aims at maintaining 33% of countries geographical area under forest and tree cover. Reserved Forest in Chennai city covers 2.71 Sq.km around Guindy National Park.

The land usage pattern in Chennai can be broadly classified as tree cover area of 72.82 Sq.km, Buildings cover 241 Sq.km, Parks cover 1.36 Sq.km, Water bodies cover 35.73 Sq.km and other area 104.40 Sq.km.

Name	Area in Sq km	Percentage
Buildings	241.50	56.7
Parks	9.20	2.2
Tanks	35.72	8.9
Temples	0.84	0.2
Trees	72.81	17.1
Others	65.93	15.5
Total	426.00	100.0

The Pallikaranai marsh land serves as a buffer for rain water draining from Velachery, Pallikaranai, Perungudi, Narayanapuram lake, Kilakattalai, Velachery and from a string of upstream lakes. GCC maintains 728 parks to an area of 1.66 Sq.km, 763 Open Space Reservation (OSR) land to an area of 16.05 lakhs Sq.km

2.6.4 Weather and Climate

The geographical location determines the weather and climate, being proximity to the sea and thermal equator and weather in Chennai relatively consistent with less variation in the seasonal temperature. The weather in Chennai is mostly hot and humid.

Experiencing the 3 major seasons namely summer, monsoon and winter, the city of Chennai has a tropical climate. April to June are the hottest months in Chennai recording maximum temperature during these months vary from 38-42

°C thus making Chennai very hot. However the cooling breeze at night comes as a relief to the residents of Chennai.

Climate data for Chennai													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Record high °C (°F)	33	37	39	43	45	43	41	40	39	39	34	33	45
	(91)	(99)	(102)	(109)	(113)	(109)	(106)	(104)	(102)	(102)	(93)	(91)	(113)
Average high °C (°F)	29	31	33	35	38	38	36	35	34	32	29	29	33.3
	(84)	(88)	(91)	(95)	(100)	(100)	(97)	(95)	(93)	(90)	(84)	(84)	(91.8)
Average low °C (°F)	19	20	22	26	28	27	26	26	25	24	22	21	23.8
	(66)	(68)	(72)	(79)	(82)	(81)	(79)	(79)	(77)	(75)	(72)	(70)	(75)
Record low °C (°F)	14	15	17	20	21	21	22	21	21	17	15	14	14
	(57)	(59)	(63)	(68)	(70)	(70)	(72)	(70)	(70)	(63)	(59)	(57)	(57)
Average precipita-	16.2	3.7	3.0	13.6	48.9	53.7	97.8	149.7	109.1	282.7	350.3	138.2	1,266.9
tion mm (inches)	(0.638)	(0.146)	(0.118)	(0.535)	(1.925)	(2.114)	(3.85)	(5.894)	(4.295)	(11.13)	(13.791)	(5.441)	(49.878)
Source: Indian Meteorological Department													

Chennai experiences two monsoons namely South West Monsoon from June to September and North East Monsoon from October to December every year. South West Monsoon sets in over the extreme south western tip of the peninsula by the end of May. The onset of Monsoon is characterised by a sudden spurt of rainfall activities. It progresses inland in stages and covers the entire country by the middle of July. The average rainfall of South West Monsoon is 439.10 mm. North East Monsoon essentially contribute the rainfall for the city. The city gets average rainfall of 760 mm during North East Monsoon. The average rainfall of the city throughout the year is about 1,300 mm.

The winter in Chennai is short period of time. In November to February Chennai experiencing the winter season. This is the most comfortable and pleasant time in Chennai. During the winter months, Chennai maintains an average maximum and minimum temperature of 24°C and 20 °C respectively. Moderate rainfall is also received in the winter months by the city. This makes the weather and climate in Chennai pleasurable as well as comfortable.

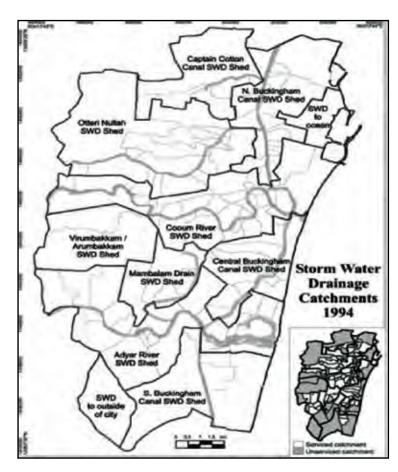
The lowest temperature that has been recorded in Chennai is 15.8 °C (60.4 °F) while the highest temperature being recorded as 45 °C (113 °F). The highest yearly rainfall in the city has been recorded to be 2,570 mm (101 in) in 2005. The formation of Cyclones in the Bay of Bengal has great influence in the city. The winds that prevail in Chennai in between April and October are the southwesterly wind while the remaining year experiences the northeasterly winds.

In Chennai IMD has two rain recording stations and 4 automated warning systems, the details are

- 1. Regional Meteorological Department, Nungambakkam
- 2. Airport Meteorological Department, Meenambakkam and four Automated Warning Systems in Avadi, DGP Office, Egmore, Sozhinganallur and Madhavaram.

2.7 Hydrology of City

2.7.1 Water Bodies and Water Ways



There are 5 major water ways in the city maintained by the Public Works Department (PWD) and 31 minor Canals maintained by Greater Chennai Corporation. There are 9,224 Stormwater drains in the city for a length of 2,894 km which are drained to major and minor drainage systems. The Stormwater drainage catchment of Chennai city is presented in the map. The drainage systems in the city is divided into two types i) Macro Drainage and ii) Minor Drainage System.

2.7.2 Major Drainage System

Two major rivers meander through Chennai are the Cooum and Adyar River. A third river, Kosathalaiyar flows through the northern fringes of the city before draining into the Bay of Bengal, at Ennore. The Buckingham Canal, runs parallel to the coast, linking the two rivers. The OtteriNullah, an east—west stream, runs through north Chennai and meets the Buckingham Canal at Basin Bridge. Several water bodies of varying size are located on the western fringes of the city. The drainage system with water bodies is given in detail in the following map.



Kosasthalaiyar River originates near Kaveripakkam near pallipet in Tiruvallur district and flows in eastward direction. It bifurcates into Cooum River and Kosasthalaiyar at Keshavaramanicut. The main branch of Kosasthalaiyar River then flows northwards and enters into Poondi Reservoir. Nagari River originating in Chittoor district, is a northern tributary and joins the Kosasthalaiyar River at Poondi reservoir. On the downstream side of Poondi reservoir, Kosasthalaiyar River flows through the Thiruvallur district and Chennai, and finally confluence with sea at Ennore.

Cooum River bifurcates from the main Kosasthalaiyar River at the Keshavaramanicut and flows eastwards through Kanchipuram district into Chennai and finally joins the sea near NapierBridge. Surplus from about 75 tanks in the catchment reaches are linked with CooumRiver.

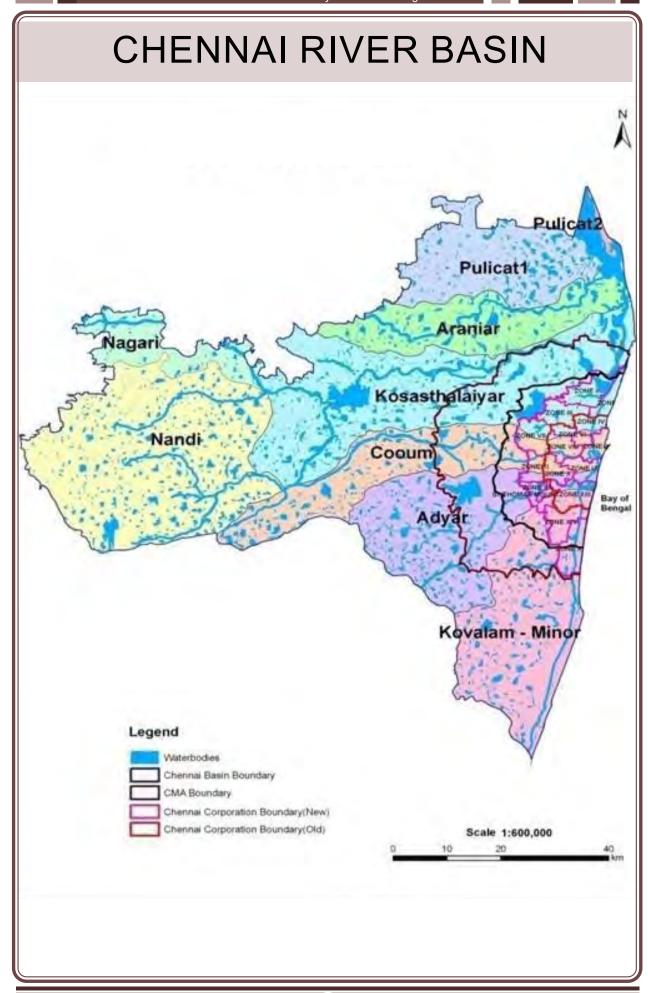
Adyar River originates from two tank groups namely Pillapakkam and Kavanur in Kanchipuram District and flows through the Chennai before it joins the sea at Adyar Mouth. Surplus from about 450 tanks in the catchment, including a major tank at Chembarambakkam, reaches the Adyar River.

The Buckingham canal has been constructed more than 200 years ago, as a navigation channel. It originates close to Kakinada in Andhra Pradesh and runs along the east coast for a total length of 418 km. Its entry point into Chennai is near Athipattu village and the exit point is near Semmencheri village. While the three rivers run west to east, Buckingham canal runs north to south and connects all these three rivers at different points.

Besides the above three major river system, there are 31 minor canals runing in the city linked with major drainage systems. While OtteriNullah, Kodungaiyur drain and Captain Cotton Canal drain into the Buckingham canal, Veerangalodai and Velacheri drain discharge into Pallikaranai marsh. Virugambakkam drain discharges into the Cooum River.

The waterways maintained by Public Works Department are detailed as follows.

Sl. No	List of Waterways	Length in Km
1	Adyar River	42.50
2	Buckingham Canal	47.90
3	Cooum River	65.00
4	OtteriNullah	8.70
5	Virugambakkam&Arumbakkam Canal	6.36
	Total	170.46



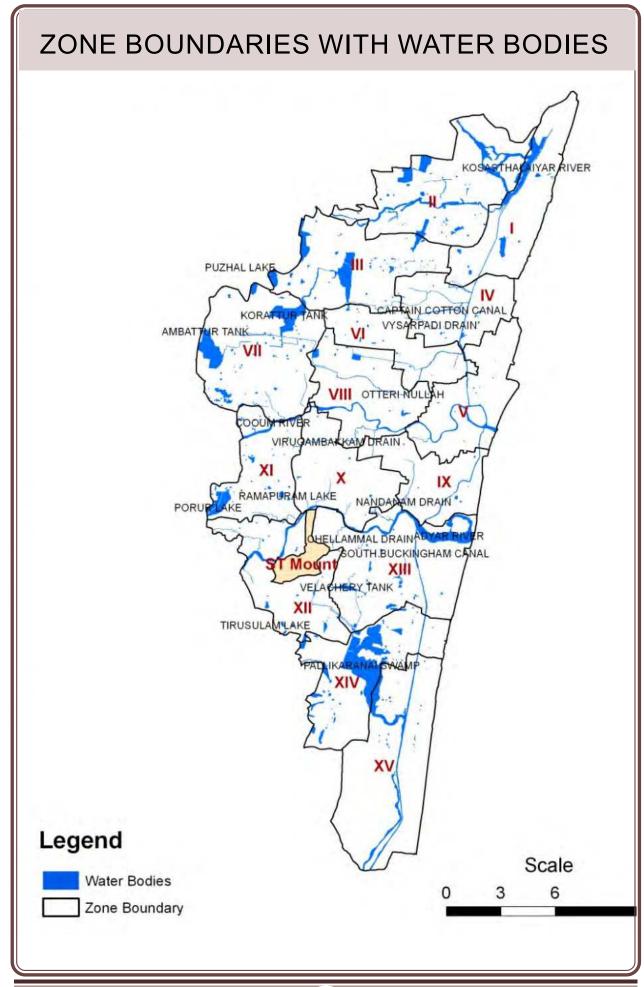
2.7.3 Minor Drainage Network

There are 31 minor natural drainages in the city connected with the macro drainages (16 in old city and 15 in the expanded areas) which are maintained by the Greater Chennai Corporation. In addition to this, a network of storm drains to the length of about 1,894 km discharges Stormwater into the sea through major / minor drains.

The Minor drainage or canals maintained by Greater Chennai Corporation with their respective zones are listed in the Table.

Minor Drainage system in Chennai city

SL No.	List of Water ways	Zone
1	Thamaraikulam Canal	I
2	Captain Cotton Canal	IV
3	Kodungaiyur Canal	IV
4	Link Canal	IV
5	Old Napalayan Canal	II
6	Thulasi Nagar Canal	II
7	MalaniPudurTNHB Canal	II
8	PeriyaEatchankuzhi Canal	II
9	Kadapakkam Lake Surplus Canal	II
10	Madhavaram – Manali Lake Canal	II
11	Vyasarpadi Canal	IV
12	Ekangipuram Canal	VI
13	Jawahar Canal	IV
14	T.V.S. Canal	VI
15	Nungambakkam Canal	IX
16	Nolambur Canal	VII &XI
17	AmbatturSidco Canal	VII
18	PadiKuppam Canal	VII
19	Trustpuram Canal	X
20	Mambalam Canal	IX &XIII
21	Nandanam Canal	IX
22	Chellammal College and Guindy Industrial Estate Canal	XIII
23	Reddykuppam Canal	X
24	M.G.R. Canal	X
25	Jafferkhanpet Canal	X
26	Rajbhavan Canal	XIII
27	Pallikaranai Canals	XIV
28	Nandambakkam Canal	XI & XII
29	Adambakkam Canal	XII
30	Large Lake Link Canal	XV
31	Secretariat Colony Canal	XV





"Disaster risk governance at the national, regional and global levels is vital to the management of disaster risk reduction in all sectors and ensuring the coherence of national and local frameworks of laws, regulations and public policies that, by defining roles and responsibilities, guide, encourage and incentivize the public and private sectors to take action and address disaster risk"

Sendai Framework for Disaster Risk Reduction 2015-2030

This chapter provides an overview of the institutional framework and arrangements for disaster management in Chennai. It addresses priority 2 of the Sendai Framework that calls for strengthening disaster risk governance to manage disaster risk.

3.1 Relief Committee

GCC has formed a Relief Committee with the following members,

S.No	Committee Members	Designation
1	Commissioner, Greater Chennai Corporation	Chairman
2	Collector of Chennai	Member
3	Executive Director, Metro Water Chennai	Member
4	Joint Commissioner of Police (Traffic), Chennai	Member
5	Chief Engineer, Highways and Rural works	Member
6	Chief Engineer, PWD (Chennai & Environ area)	Member

The Chief Engineer in-charge of MRTS and the Joint Director /Deputy Director of Fire Services may also be invited for the meetings whenever required.

The duties of this committee is to monitor the following thrust area for disaster mitigation.

- 1. To evict the encroachments on regular basis, to maintain the free flow of rainwater.
- 2. To identify the vulnerable roads, subways, level crossings within the Greater Chennai Corporation limit which are likely to get inundated during the heavy rain periods.
- 3. To identify road and areas which are prone to inundation/ traffic congestion during periods of heavy rainfall.
- 4. To identify the areas which are likely to cause damages due to non-free flow of drainage water during the heavy rain periods.
- 5. To see the major drainage channels and also waterways like Adayar river, Cooum and Buckingham Canal, Otteri Nullah etc., free from encroachments,

blocks etc., due to MRTS and other works.

6. To identify new drainage systems and also interlinking the existing drainage systems for efficient discharge of rain water during monsoon period.

3.2 Control Room Arrangements

The Integrated Command Control Centre in Greater Chennai Corporation is functioning at Ripon Building. The ICCC is functioning under overall supervision of the Joint /Deputy Commissioner (Works) with other staff functioning 24x7. For perfect co-ordination, the officers/staffs from the other line departments like TANGEDCO, CMWSSB, FISHERIES, PWD, POLICE will also be pooled at ICCC during monsoon/emergency time.

The intensity of rainfall will be collected on daily basis from the Metrological Department. The ICCC is to monitor the overall flood situation in the field and collect details of water stagnation, tree fall, status of subways, relief centres, food packets issued, pumps utilized for the removal of inundated water, evacuation operation, collection and distribution of relief materials etc. For every two hour, reports will be collected from the Zonal Office and will be submitted to the Commissioner. The issues related to flood mitigation pertaining to other departments will also be coordinated by the ICCC.



The Public Works Department is periodically contacted for the status of flood levels in reservoirs around Chennai like Chembarabakkam lake, Narayanapuram, Red hills, Puzhal eri, etc., In case of breakdown of telephone and other communication networks, wireless network of GCC will be largely used for continuity. Whatsapp group is formed with all officials engaged in flood

work to exchange the information which will be coordinated by the Control Room duty staff.

A dedicated Public Relation Officer/Assistant Public Relation Officer will be posted in the Control Room for media management. He will collect datas and details of relief operations from the field for press release. Press release will be done periodically with due approval of the Commissioner.

The other Control Rooms functioning at Secretariat, State Emergency Operation Center and Commissionerate of Revenue Administration office will also be coordinated. The contact details of all three Control Rooms are given in page number 143 of this booklet.

3.3 State and District Administration

3.3.1 State Level Administration

The State Disaster Management Authority (SDMA) under the chairmanship of the Hon'ble Chief Minister is responsible for coordinating the response to disasters and reducing risks. All measures for mitigation, preparedness, response and recovery are undertaken under the guidance and supervision of the Authority. The SDMA approves the State Disaster Management Plan and District Disaster Management Plans in accordance with the guidelines laid down by the National Disaster Management Authority. The Greater Chennai Corporation's annual City Disaster Management Plan serves as the District Disaster Management Plan.

The SDMA is supported by State Executive Committee (SEC). Disasterspecific cells are being created to analyse the risk profile of the state in depth and to provide specific disaster risk reduction strategies for consideration of the SDMA. The Commissioner of Revenue Administration is the State Relief Commissioner and undertakes all activities relating to disaster management and mitigation besides managing relief and rehabilitation activities for any disaster in the State.

The Revenue Administration and Disaster Management Department is responsible for policy making and issuance of Government Orders based on approvals accorded by the SDMA, State Executive Committee and the Commissioner of Revenue Administration.

The State Advisory Committee has been constituted under the Chairmanship of

the Principal Secretary / Commissioner of Revenue Administration. The Secretary, Revenue Disaster Management and Mitigation department is the co-chair. The Advisory Committee comprises of experts in various fields such asremote sensing, communication networks, weather forecasting, among others, to advice on measures for disaster risk reduction. The State Advisory Committee ensures that the concerns of diverse sectors are taken into account while formulating strategies for risk reduction.

3.3.2 District Level Administration

The District Disaster Management Authority (DDMA) has been constituted in Chennai under the Chairmanship of Commissioner. The District Disaster Management Authority acts as the District planning coordinating and implementing body for disaster management and takes all measures in accordance with the guidelines laid down by the State Disaster Management Authority. The District Disaster Management Authority in Chennai is chaired by the Commissioner, GCC.

The Control Room (DEOC) at Greater Chennai Corporation acts as a communication centre in Chennai city for dissemination of information received from SEOC. During disaster period, the Control Room functions round the clock by drafting the services of the Line Departments in Chennai for quick dissemination of alerts and collects information on the search, rescue, relief and rehabilitation operations from various quarters and updates the same to Commissioner of Revenue Administration & State Relief Commissioner.

The preparedness arrangements by Greater Chennai Corporation and coordination efforts with other departments and agencies have been articulated later.

3.3.3 Incident Response System

The management of response in disasters requires the government, communities, civil society and other stakeholders to carry out a large number of tasks. The activities involved in response management would depend on the nature and type of disaster. The Government of Tamil Nadu is adopting Incident Response System (IRS) in the state to ensure the unification of efforts of all the stakeholders to ensure immediate response during disasters to protect people and their properties. The Incident Response System provides a systematic, proactive approach guiding the concerned departments and agencies at all levels

of government, the private sector, and non-governmental organizations, to work seamlessly in disaster situations. For effective, efficient and comprehensive management of disasters in the State of Tamil Nadu, IRS is critical. The aim is not only to minimize loss of life and property but also strengthen and standardize the disaster response mechanism in the State.

Incident Response System for Natural Disasters: The Chief Secretary to the Government of Tamil Nadu is the overall Responsible Officer and is assisted by the Revenue and Disaster Management Department at the secretariat level and by the Commissioner of Revenue Administration / State Relief Commissioner who is the Incident Commander of the Incident Response System at the State level. The Commissioner, Disaster Management is the deputy Incident Commander. During Disasters all Line Departments function under the overall guidance of the Incident Commander. The Commissioner, GCC is the Incident Commander in Chennai.

Incident Response System for Manmade Disasters (Breakdown of Public Order, Terrorist Attack and Mutiny): The Ministry of Home Affairs, Government of India has prescribed a Crisis Management Plan for manmade disasters dealing with the breakdown of public order, terrorist attacks, mutiny, and migration/exodus/infiltration. As per the Plan, the appropriate institutional mechanism involving the State Crisis Management Group and District Crisis Management Group will be put in place.

Incident Response System for Epidemics, Disease Outbreak and CBRN: The Chief Secretary to the Government of Tamil Nadu will be the Responsible Officer assisted by the respective Secretary Health and Family Welfare Department at the government level. The State Relief Commissioner / Commissioner of Revenue Administration will be the Incident Commander by the Director of Public Health at the State-level. The Commissioner, GCCwill be the Incident Commander in Chennai.

3.4 Other Departments and Stakeholders

3.4.1 Fire & Rescue Services Department

Fire and Rescue Services Department of the Government of Tamil Nadu is entrusted with the task of firefighting and rescue operations in times of emergency. The Fire and Rescue Services Directorate plays a very vital role in the area of firefighting and fire prevention. Apart from firefighting, this department also

undertakes rescue activities and helps people, marooned in floods and caught in the debris of fallen buildings, road and rail accidents and other natural and manmade disasters. Fully automated firefighting futuristic equipment and robots will play a major role in the years to come.

3.4.2 Tamil Nadu Disaster Response Force (TNDRF)

Though the community always acts as a first responder during disasters that strike with limited warning time as well as during disasters which can be forecast at least 20-24 hours prior to the event, the role of specially trained disaster response forces will be extremely vital for quick and before time evacuation of the people likely to be affected as well as for efficient search and rescue in case of necessity. Realizing the importance and significance of Special Forces, the Government of Tamil Nadu has decided to raise an exclusive battalion as Tamil Nadu Disaster Response Force and has also provided Rs.15 crores for procurement of State of the art Search, Rescue and Evacuation equipment. In the years to come the personnel of TNDRF will be continuously trained to upgrade their skills on par with NDRF. In addition, 2500 Police personnel from different specialized forces who have been trained in Search, Rescue and Evacuation operations will continue to be trained to take advantage of their location in all Districts. The SDRF personnel after being equipped with skills on par with NDRF will also be engaged in training young recruits (to the Police, Fire Services and other specialized services) in Search, Rescue and Evacuation operations so that over a period of time all the coastal districts will have well-trained personnel numbering about 300 – 500 Police / Fire services / Home guards etc. The SDRF personnel will also be utilized to train the First Responders identified from among the community, especially in the vulnerable areas. The disaster response force will be equipped in a phased manner with modern technology like unmanned aerial vehicles, robots etc., which will be used in the following ways:

- High Antennas for Radio CommunicationsTethered Drone (HARC-TD)
- HARC-Tethered Drone for improved network and communications range extension for tactical radio communicators, first responders and similar users of mission-critical radio networks.
- UAVs with sensor options such as visual, thermal, LiDAR etc. will be procured for use to map disaster areas, generate high-resolution and 3D mapping, identify

hot spot areas and upload the data in real time to coordinate search, rescue and evacuation efforts during natural disasters as well as industrial disasters.

GCC will request the assistance of TNDRF in case a disaster strikes.

3.4.3 Volunteers and Training

Community participation at grass root level is enabled through enrolment of able-bodied volunteers, with skills of swimming and climbing, as first responders. GCC maintains a database of volunteers and NGOs to support relief efforts. GCC has also trained 200 community volunteers through the centrally sponsored AapdaMitra Scheme. Elected representatives will be sensitized to the needs of the community during disasters and their capacities will be strengthened through orientation and other training programmes.

3.4.4 Civil Defence

The Civil Defence being a community based voluntary organization in addition to rescue, relief and rehabilitation, plays a significant role in the field of public awareness and also community capacity building to face any disaster situation as is being done by the Civil Defence in many countries. The Government of Tamil Nadu has accorded administrative and financial sanction for the formation of Civil Defence Training Institute at Palani at an estimated cost of Rs.1.92 crores and Rs.89.00 lakhs in 2014 for creating Civil Defence units in Chennai, Mamallapuram, Tiruchirappalli, Madurai and Thirunelveli. With a view to assisting officials during times of natural disasters, the Tamil Nadu Government will establish a 1,000 member-strong Civil Defence Corps for units proposed in five districts, including Chennai. The Corps units will come up in Chennai with a strength of 500 persons.

The necessity for such corps arose as there is a need for large number of human resources in areas affected by natural calamities such as cyclones or floods and to carry out rescue operations swiftly to ensure the early return of normalcy. Some of the youth organizations namely, National Cadet Corps (NCC), National Service Scheme (NSS) and Nehru Yuva Kendra Sangathan (NYKS) have the inherent advantage of availability for immediate assistance at the ground level in the event of any disaster. These organizations are also proposed to be integrated in the overall Disaster Management framework with linkages with the Civil Defence set-up at the State Headquarters and Greater Chennai CorporationHeadquarters.

3.4.5 Preparedness & Response

Community participation in preparedness will be ensured through enrolment of First Responders in areas identified as vulnerable to flooding and other hazards. The capacities of these first responders will be further enhanced through appropriate training tailored for advanced level of response in flood situation, as well as, to other types of hazards, local risks and accidents with the help of government & non-government capacity building institutions. Greater Chennai Corporation conducted trainings through AapdaMitra Scheme.

3.4.6 Relief

Various stakeholders involvement is needed during different stages of relief. Identification of beneficiaries has to be done as per the guidelines/broader framework given by the State Government and communities, who are the most important stakeholder, will be involved in identifying right beneficiaries. A coordination mechanism with NGOs and other stakeholders at state level, as well as at GCC level will be put in place to avoid duplication of efforts in relief distribution and to bring in more efficiency in terms of most affected areas getting more attention and equity in relief distribution.

3.4.7 Rehabilitation - Build Back Better

Multiple stakeholder involvement will also be encouraged for undertaking mitigation measures with an aim to build back better under the corporate social responsibility requirement of the profit-making public and private sectors as well as by dovetailing the projects being executed by civil societies from different sources of funding. Efforts will also be made to involve the community and other stakeholders in project implementation and monitoring.

3.4.8 Coordination with Central Agencies and Armed Forces

The Chief Secretary convenes a meeting of all central and state agencies prior to Northeast Monsoon in order to ensure perfect coordination among different agencies and to ensure efficient search, rescue and evacuation operation whenever necessity arises. The State Relief Commissioner / Commissioner of Revenue Administration shares the details of vulnerable areas and the map with the Central Agencies to help them familiarise with the vulnerable areas so that they can respond swiftly and effectively. These coordination meetings are held annually and special meetings are convened based on need.GCC receives instructions from the State Government.

4.0 CYCLONES AND FLOODS

The Chennai city has come across various natural calamities in the last three decades. In the following paras some of major disasters are discussed in detailed. During heavy flood in 1976 resulted in submergence of TNHB Quarters in Kotturpuram bank of Adayar river coupled with high & storm tide in the sea.

In 1996 the city was flooded by Adayar, Cooum and Kosasthalaiyar rivers. The surplus water from Poondi reservoir has collapsed Karanodai Bridge at Redhills. Similarly surplus water from Chembarambakkam Tank has flooded Adayar. In 1998, Thanikachalam Nagar, a residential colony in Madhavaram was flooded by Kodungaiyur canal.

During 2005, Chennai experienced an unprecedented maximum rain fall in a day. Cooum, Adayar, Otteri Nullah, B - Canal, Virugambakkam and Arumbakkam Canal flooded and people residing in the nearby areas were evacuated and many people became homeless. On 18th December 2005 in a school situated in MGR Nagar, K.K.Nagar where the relief material were distributed by the Government to the people affected by severe flood, 42 people died and 37 injured due to stampede.

In the same year the city was also exposed to a Cyclone named as Fanoos with a wind speed of 85 km/hr east of Chennai on 9th December.

In 2008 again there was Nisha cyclone with wind speed of 83 - 102 km/hr hits the city on 26th November by which the city was badly affected. The following are some of the cyclones that hit Chennai in different periods, Cyclone Jal in 2010 with the wind speed of 100 - 110 km/hr, Cyclone Thane in 2011 with the wind speed of 140 - 165 km/hr, Cyclone Nilam in 2012 with the wind speed of 85 - 100 km/hr.

The occurrence of flood is often in Chennai city. The measures have to be taken periodically and the development of prevention method is essential to minimise the damage. The preparedness strategy in the Greater Chennai Corporation is necessary for securing the lives of the people. In the following pages a subject wise detailed preparedness for disaster management will be discussed. Therefore the measure are considered as a bench mark to derive the well secure mitigation plan for the future to strive to keep the people away from flood.

4.1 Cyclone

A cyclone (or more properly called Tropical Cyclones) is a system of wind with very low pressure at the centre and sorrounded by high pressure outward that occurs over the ocean near the tropics. Cyclones are one of the natural hazards that affect East coast of India almost every year causing large loss of lives and properties. Tropical Cyclone (TC), also known as 'Cyclone', is the term used globally to cover tropical weather systems in which winds equal or exceed the minimum of 34 knot (62 kmph). Hazards associated with tropical cyclones are long duration rotatory high velocity winds, very heavy rain and storm tide (the combined effect of storm-surge and astronomical tide).

Although the North Indian Ocean (the Bay of Bengal and Arabian Sea) generates only about 7% of the world's cyclones (5 to 6 TC's per year) their impact is comparatively high and devastating, especially when they strike the coasts bordering the North Bay of Bengal. Further the Bay of Bengal(BOB) produces more frequent and fiercer cyclones than the Arabian Sea(AS). For better understanding of severity of wind speed, the cyclones are broadly classified as "Cyclonic Disturbances" with the maximum wind speed of 17 knots or more, "Cyclone" measuring wind speed of 34 knots or more and "Severe Cyclones" exceeding wind speed of 48 knots. Following table illustrates the annual frequencies of cyclonic disturbances, cyclone, severe cyclone over BOB and AS for the period 1900 to 2015.

Frequency of Disturbances

Y	ε		ONIC BANCE	s	CYCLONES			SEVERE CYCLONES				
E A R	вов	AS	LAND	TOTAL	вов	AS	LAND	TOTAL	вов	AS	LAND	TOTAL
1900 TO 2015	1110	208	122	1440	460	116	13	589	210	68	3	281

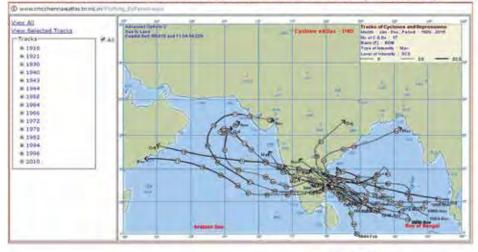


The major Tropical cyclones which struck the coastal districts in India during the period 1891-2002

WEST COAST	MAJUR TROPICAL CYCLONES	EAST COAST	MAJOR TROPICAL CYCLONES		
Kerala	3	West-Bengal (69	69		
Karnataka	2	Odisha (98)	98		
Mahajashtra	13	Andhra Pradesh (79)	79		
Goa	2	Tamil Nadu (54)	54		
Gujarnt	28	Pondicherry (8)	8		
	Chenna	al .	18		
	Cuddak	Cuddalore			
	Southai	Southarcot			
	Tanjavu	r	12		
Tamil Nadu (5	 Pudukk 	ottal	5		
	Ramnat	Ramnathpuram			
	Tiruneh	Tirunelveli			
	Kamentaka	Kanyakumari -			

SEVERE CYCLONIC STORM CROSSED BETWEEN NELLORE AND PONDICHERY (LATITUDE 14°22'10"N - 11°54'34"N)

AFFECTING CHENNAI CITY OVER THE YEAR 1900 TO 2015 (FIFTEEN SCS)



SOURCE: IMD

CYCLONIC STORM CROSSED BETWEEN NELLORE AND PONDICHERY (LATITUDE 14°22'10"N-11°54'34"N) AFFECTING CHENNAI CITY OVER THE YEAR 1900 TO 2015. (SEVENTEEN CS)



SOURCE: IMD

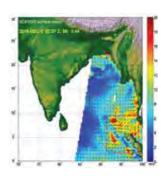
4.1.1 Nada Cyclonic Storm 2005

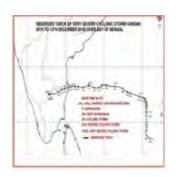
Under the influence of a trough, low pressure area formed in extreme southeast Bay of bengal. It slowly consolidated enough to be classified as a depression BOB 2005 on 29 November. This was followed by the Joint Typhoon Warning Center (JTWC) issuing a Tropical Cyclone Formation Alert (TCFA) for the system while it was rapidly concentrating to a deep depression. Remaining as a deep depression for a short time, the storm quickly intensified into a cyclonic storm and was named Nada by the IMD. Shortly thereafter, the storm reached its peak intensity with winds exceeding 75 km/h and a minimum central pressure of 1,000 mbar. Over the following days, the storm encountered high wind shear, which together with land interaction caused it to rapidly weaken and cross the coast of Tamil Nadu near Karaikal as a depression. The system was last noted as a well marked low pressure area over southern Karnataka.

4.1.2 Vardah Cyclone **2016**

Low pressure formed over South East Bay of Bengal on 6th December 2016 intensified in to Depression, Deep Depression, Cyclonic Storm and further intensified in to very severe cyclonic storm on 10 th December 2016 and crossed north Tamil Nadu near Chennai as a severe cyclonic storm with a maximum sustained wind speed of 100-110 kmph gusting to 140 kmph during 1500 -1700 hrs IST of 12 th December.

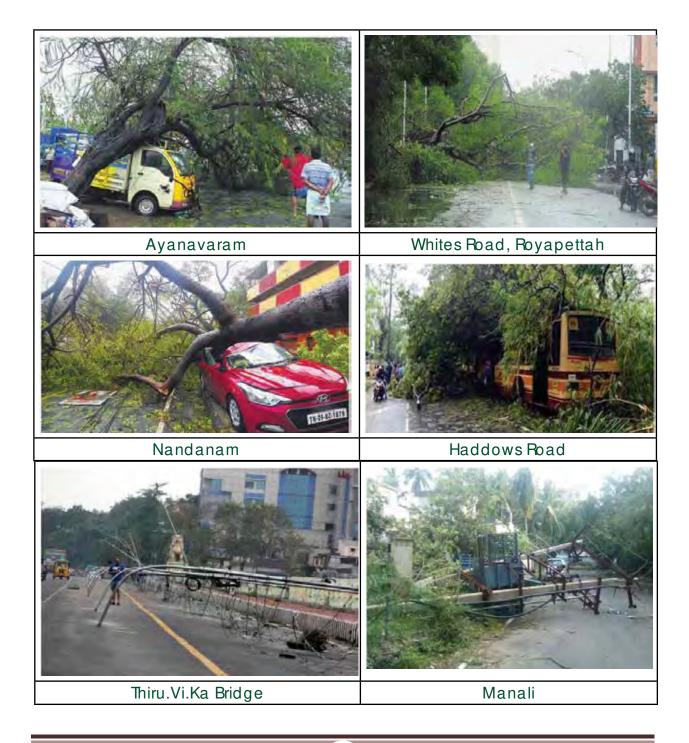
Cyclonic storm "Vardah" made landfall in Chennai city on 12th December, 2016 and barreled inland packing wind speed more than 140 km/hour which created a sea of devastation and an average rainfall was recorded as 119.10 mm. This cyclonic storm was the most severe in two decades which uprooted lakhs of trees, devastated 1000s of lamp posts, spoiled several electrical installations such as transformers, brought several kutcha rooftops to the ground, disabled communication lines and brought the transport system to a grinding halt.





4.1.2.1 Damages Caused

Heavy loss to Chennai green cover as 17,157 avenue trees were uprooted by the cyclone, by which 558 bus route roads and 24761 interior roads were blocked. Gantry boards, Signages were also ripped away. 65 bus route roads damaged to a length of 14.5 km and 3500 interior route roads to a length of 400 km were damaged. 81 electricity installations were covered with fallen trees which delayed the restoration of power supply. 6133 street lamp poles were damaged along with 2226 street lamp fittings. 30 Stormwater drains to a length of 4.35 km, 2030 footpaths to a length of 21.3 km and 531 bus shelters were damaged.



4.1.2.2 Strategies and Restoration

The G.C.C men and machinery swung into action immediately and a massive war footing exercise to clear the roads by removal of uprooted trees and debris was undertaken. 4197 men from other districts along with G.C.C workers totaling to 19,411 were rushed in for the restoration work. 565 saws were deployed for tree cutting. 449 JCB's and 819 lorries were put in service on this war footing exercise to clear the fallen trees. The total damages have been estimated at Rs.321.94 Crores. By working round the clock, all the bus route roads and interior route roads were cleared for traffic which were blocked by fallen trees. This work continued till 24th December 2016.

The damaged lamp posts and light fittings were restored jointly by GCC and TANGEDCO. Tamilnadu Fire and Rescue services deployed their field personnel and were very effective in these operations. 176 relief centres were kept ready, out of which 27 was opened immediately in which 9,696 people were evacuated from coastal areas in Zone-I (Kathivakkam, Periyakuppam, Tiruvottiyur), Zone –II (Edayanchavadi, Manali New town), Zone-XIII (Kuppam Beach road, Srinivasapuram) and Zone-XV (Neelankarai and Okkiam thoraipakkam). More than 6 lacks food packets were given to affected persons and 610 health camps were conducted.

The removed garden debris have been stored in 78 temporary storage locations across the city to speed up the restoration work. The severity of damages due to cyclone were minimized by meticulous planning and coordination with various Government departments and fore warning the people throughout 9th and 10th December, 2016. This effort had given a lot of insight for future disaster management. Maximum precautionary measures were taken along with the coordination of TANGEDCO.

The G.C.C. mobilized men and materials rapidly and left no stone unturned for the restoration of normalcy in the City of Chennai. The Corporation also availed the services of Indian Meteorological Department, National Disaster Response Force(NDRF), State Disaster Response Force(SDRF), Fire and Rescue Services Department and Health and Family Welfare Department strategically. Medical teams with all necessary medical equipments were pressed into service.

4.1.3 Impacts of Cyclone

- There are three main features of cyclone (high wind, rainfall and storm surge) which can cause widespread damage.
- A major factor in the growing losses caused by meteorological hazards is

the concentration of population and economic activity in coastal plains and low-lying areas that are subject to storm surges and land-borne flooding.

- High wind can damage structures like houses and other infrastructure (bridges, dams, embankments etc.); uproot electricity supply and telecommunication lines etc.
- Extremely heavy rain can cause flooding. Floods wash away human beings and animals and make water unfit for drinking. There can be outbreak of diseases like cholera, jaundice or viral fever due to intake of impure water. Water gets contaminated because of floating carcasses and corpses and mixing of sewage. Movement of stored food supplies also gets severely affected due to floods as rail tracks and roads are breached. The floodwaters turn the fields salty.
- Storm surge inundates low-lying coastal areas resulting in life loss and destruction of property. Besides it destroys vegetation and reduces soil fertility. It also affects environment as coral reefs can often suffer damage.

4.1.4 Cyclone mitigation strategies

- Future critical facilities should not be located in areas of accelerated winds.
- The most significant aspect of structural damage to buildings by high velocity wind results from roof damage. The roofs of existing buildings should be inspected and if necessary retrofitted to adequate standards.
- The roofs of existing critical facilities should be retrofitted to a higher standard to ensure wind resistance.
- Building openings such as windows and doors also suffer damage from high velocity winds. These openings if not constructed of wood or metal should be protected with shutters or temporary covers of adequate design.

4.1.5 Common Cyclone preparedness measures

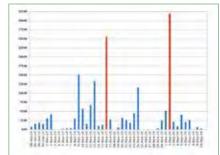
- Communication plans with easily understandable terminology and methods.
- Proper maintenance and training of cyclone disaster services, including mass human resources such as community based disaster response teams.
- Development and exercise of cyclone warning methods combined with cyclone shelters and evacuation plans.
- > Stockpiling and inventory, management of essential supplies and equipments.
 - The detailed disaster management plan which has been detailed in this book for flood disaster will holds good for cyclone also.

4.2 Flood

The North East Monsoon sets on 28th October 2015, initially has not shown any disaster kind of down pouring, whereas from the second week of November heavy rain occurred which recorded as the wettest month of the last 100 years for receiving 1113.80 mm of rainfall.

Date	22.10.1969	27.10.2005	9.11.2015	13.1.2015	16.1.2015	02.12.2015
Rainfall in mm	279.7	272	166.8	147	256	319.6

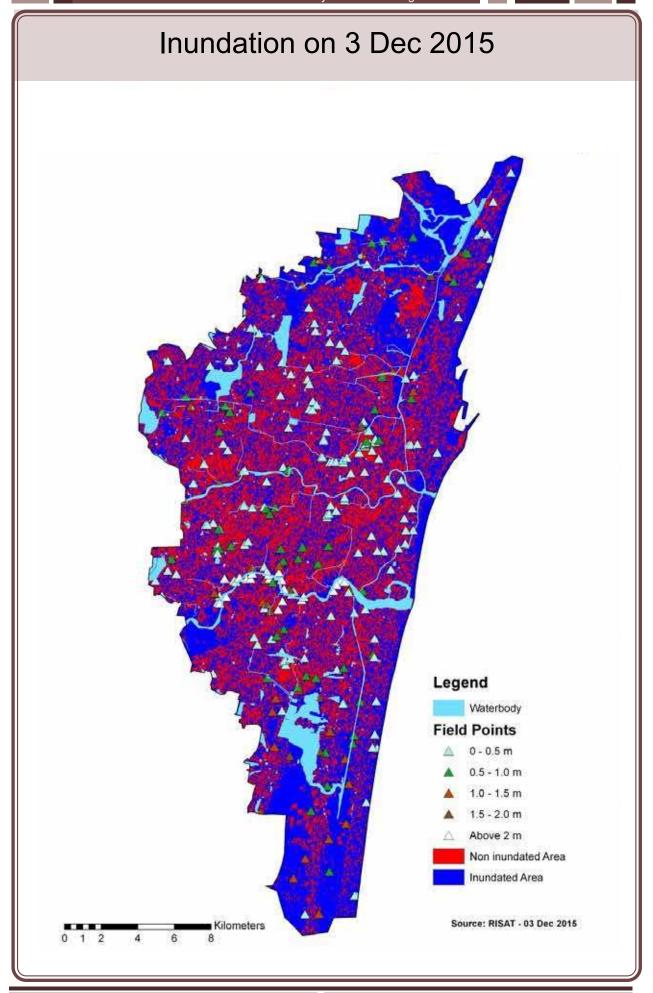
This heavy rainfall coupled with a high speed wind resulted in fall of more than 911 trees in the City. Way back in 1918 Chennai has received 1088.40 mm in a month which remains maximum till date. The maximum rainfall recorded as 319.60mm on 02.12.2015 is the highest record on a single day. The day wise details of rainfall is depicted in the following table

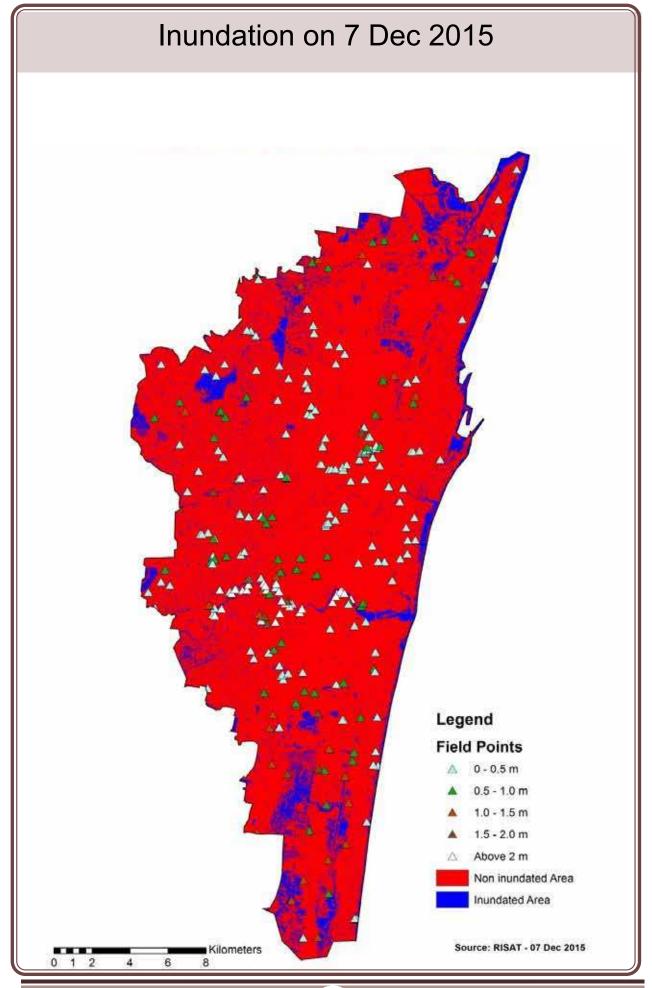


In Kanchipuram District out of 912 tanks 908 tanks were over flowing due to which excess water fed into Chembarambakkam lake through 170 drains causing flood in Adyar, Coovam rivers and link canals. Similarly in Kovalam basin 65 tanks were over flowing causing inundation in Sholinganallur and Perungudi areas. In Tiruvallur District surplus water released from Puzhal – Redhills, Poondi reservoir causing flood in Kosasthalaiar basin.

Some of the most affected areas are Mudichur, West Tambaram, Manapakkam, Saidapet, Jafferkhanpet, Kotturpuram etc. Many inundated areas were with more than 2 m height of water. The carrying capacity in Coovum and Buckingham canal exceeded beyond its designed capacity. Canals including 31 minor canals in Chennai city has flooded the near by areas. As a result of about 859 places in Chennai City were inundated due to heavy rainfall and Greater Chennai Corporation jointly with Other Departments cleared water stagnation and 911 fallen trees.

The satellite pictures showing nature and intensity of inundation during flood 2015 taken on 3rd and 7th December is given in the following pages





		Chronic Inunda	tion Locations	During Monso	on - 2015	
SI. No	Zone	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet	Total
1	I	1	7	0	6	14
2	Ш	0	0	0	3	3
3	III	2	6	1	1	10
4	IV	0	7	0	7	14
5	V	0	1	0	12	13
6	VI	0	0	0	36	36
7	VII	0	0	0	6	6
8	VIII	1	1	0	7	9
9	IX	5	20	0	40	65
10	X	0	9	0	0	9
11	ΧI	4	13	0	9	26
12	XII	0	0	0	8	8
13	XIII	24	17	0	26	67
14	XIV	0	0	0	16	16
15	XV	0	3	0	7	10
TOTAL		37	84	1	184	306

			Depth of Inundation Duri	ng Monso	on - 2015		
S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
1	1	5	TH Road jn.of MRF Road				Yes
2	1	6	Kalaignar nagar	Yes			
3	1	1	SVM Nagar I main road				Yes
4	1	1	SVM Nagar II main road				Yes
5	1	1	Kamaraj salai		Yes		
6	1	4	AD Colony, Ernaavoor		Yes		
7	1	7	Kargil nagar, Rajaji nagar		Yes		
8	1	1	SVM Nagar, Ulaga- nathapuram		Yes		
9	1	10	Nandhi odai , Sadayank- uppam battai		Yes		
10	1	12	Srinivasapuram, B.K.N Colony				Yes
11	1	4	Kathivakkam high road				Yes
12	1	5	T.H. Road (MRF road junction)		Yes		
13	1	5	T.H. Road near Liftgate				Yes
14	1	6	Manali Express road, (Mullai nagar, Jothi nagar, TKS Nagar)		Yes		
15	2	15	Manali New Town 60 Feet Road				Yes (Only during flood)
16	2	16	Rajiv Gandhi Nagar from TPP Salai to Andarkuppam Main Road				Yes (Only during flood)
17	2	16	From Kanniammanpet pond to Kadappakkam Lake				Yes (Only during flood)
18	3	22	Mahalakshmi Nagar		Yes		
19	3	23	Punitha Anthoniyar Street		Yes		
20	3	23	Othai vadai Street		Yes		
21	3	31	Ambedhkar Nagar		Yes		
22	3	32	Sarathy Nagar				Yes
23	3	22	KS Nagar (Thirumalai Nagar)			Yes	
24	3	25	Collector Nagar	Yes			
25	3	25	Aringhar Anna Nagar,	Yes			
26	3	24	Ambattur Redhills road (Highway)		Yes		
27	3	25	GNT Road (Near Roundana)		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
- 00	4	44	Carrach Nagar	Feet			Vaa
28	4	41 45	Carnesh Nagar Sundram Power Lane				Yes Yes
30	4	45	B.V Colony 19 and 20th Street				Yes
31	4	45	Annai Sathya Nagar				Yes
32	4	45	Ganesapuram Main Road				Yes
33	4	47	KH Road		Yes		
34	4	34	Construction of RCC Open Box type Retaining Wall and Bed including chain link fencing to Kodungaiyur canal North wing from Ch.0.0 to Ch.850m		Yes		
35	4	34	Construction of RCC Open Box type Retaining Wall and Bed including chain link fencing to Kodungaiyur canal North wing from Ch.850 to Ch.1150m		Yes		
36	4	34	Construction of RCC Open Box type Retaining Wall and Bed including chain link fencing to Kodungaiyur canal North wing from Ch.1675 to Ch.2191m		Yes		
37	4	40	Dismantling and Reconstruction of RCC Box type Stormwater drain of size 1200x1200mm along Kamarajar salai from Elaya street to AE koil st		Yes		
38	4	39	Dismantling and Reconstruction of RCC Box type Stormwater drain of size 1200x1200mm along T.H Road from North Terminal road to AE koil st				Yes
39	4	41	Providing Re-sectioning concrete lining and laying service road in link canal from Ch.2500 to 2940 in Captain Cotton Canal		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
40	4	41	Providing Re-sectioning concrete lining and laying service road in link canal from Ch.2940 to 3360 in Captain Cotton Canal		Yes		
41	4	46	Sathya Moorthy Nagar 24th Block				Yes
42	5	54	Walltax Road				Yes
43	5	61	Ghandhi Irwan Bridge Road				Yes
44	5	58	EVK Sampath Salai,				Yes
45	5	61	Egmore High Road,				Yes
46	5	62	Arunachalam Road,				Yes
47	5	63	Chella pillayar Koil Street,				Yes
48	5	63	G.P. Road,				Yes
49	5	53	Vijayaragavalu Roundana,		Yes		
50	5	58	Sydnams Road,				Yes
51	5	53	Walltax Road				Yes
52	5	62	Singanna Chetty Street,				Yes
53	5	54	Walltax Road				Yes
54	5	59	VOC Salai,				Yes
55	6	64	Poombugar Nagar 1st Main Road				Yes
56	6	64	Poombugar Nagar 2nd Main Road				Yes
57	6	64	Dhanammal Nagar				Yes
58	6	64	Samuthirya Colony 1st Street				Yes
59	6	64	Anjugam Nagar 4th Street				Yes
60	6	64	Poombugar Nagar 11th Cross Street				Yes
61	6	64	Gandhi Street				Yes
62	6	64	MN Nagar				Yes
63	6	65	Hussain Colony 4th Street				Yes
64	6	65	Teachers Colonly				Yes
65	6	66	Gandhimathi Street				Yes
66	6	66	Jawahar Nagar				Yes
67	6	67	Rangasiyee Street				Yes
68	6	68	Andiyappan Street				Yes
69	6	66	Kamaraj Street				Yes

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
70	6	68	Pallavan Street				Yes
71	6	71	Konnur High Road				Yes
72	6	72	Decaster Road				Yes
73	6	72	Doss Nagar Pallam				Yes
74	6	73	Ammaiyammal Street				Yes
75	6	74	Sec Colony 1st to 9th Street				Yes
76	6	75	Vallavan Street				Yes
77	6	77	Demellous Road (Near Haj Committee)				Yes
78	6	78	V.V.Koil Street				Yes
79	6	68	Maduraiswamy Madam				Yes
80	6	70	Bharathi Main Road				Yes
81	6	76	Straganas Road				Yes
82	6	76	Angalamman Koil Street				Yes
83	6	72	Dr. Ambedkar College Road				Yes
84	6	66	Shanthi Street				Yes
85	6	66	Ragavan Street				Yes
86	6	68	Mohamadin Salai				Yes
87	6	73	Lal Singh Street				Yes
88	6	73	Mannarswamy Street				Yes
89	6	67	Gopal Reddy Colony				Yes
90	6	73	New Ferrance Road				Yes
91	7	82	Gnanamoorthy Nagar & EB Colony				Yes
92	7	83	NAS Garden & TVS Nagar				Yes
93	7	86	Cth Road near Petrol Bunk				Yes
94	7	86	Annai Sathya Nagar				Yes
95	7	90	Thirumagalam road				Yes
96	7	93	Vandiamman Koil st				Yes
97	8	94	Annai Sathya Nagar from Wheels India Culvert to Padi Bridge Culvert	Yes			
98	8	94	Villivakkam Sidco Nagar 2nd main road I main road to Burial Ground Com- pound Wall		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
99	8	95	Anna Nagar 18th main road (South) Ch.500m (Reach I) from 100 feet road to Ch.500m				Yes
100	8	95	Anna Nagar 18th main road (South) from Ch.500m (Reach 2) to Ot- teri Nullah canal				Yes
101	8	95	Anna Nagar 18th main road (North) Ch.425m from Vasantham Colony to 2nd street (Reach II)				Yes
102	8	95	Anna Nagar 18th main road (North) from 100' road to Ch.425m (Reach I)				Yes
103	8	95	Kumarasamy Nagar ,Ag- athiyar canal				Yes
104	8	101	2nd Avenue, Anna Nagar (Roundana)				Yes
105	8	103	Kellys Road				Yes
106	9	109	Vanniyar 2nd Street				Yes
107	9	109	Gill Nagar 1nd street				Yes
108	9	110	School Road				Yes
109	9	110	Kamarajapuram Main Road				Yes
110	9	111	Maakkis Garden	Yes			
111	9	111	Thideer Nagar	Yes			
112	9	111	Conron Smith Road				Yes
113	9	113	Habibullah Road				Yes
114	9	113	G.N.Chetty Road				Yes
115	9	113	North usman street				Yes
116	9	113	Kodambakkam High road				Yes
117	9	114	C.N.K. Road				Yes
118	9	114	Sydoji Street				Yes
119	9	114	John Mohammad Street				Yes
120	9	114	Lock Nagar				Yes
121	9	115	Dr. Besant Road				Yes
122	9	116	Dr. Besant Road				Yes
123	9	117	North Usman Road		Yes		
124	9	117	G.N.C.Road	Yes			

			City [Disaster Mar	agement Plan		GCC
S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
125	9	117	South boug road		Yes		
126	9	117	Thirumalai pillai Street				Yes
127	9	113	Sarathapuram Street		Yes		
128	9	118	Kasthuri Estate 1st street				Yes
129	9	118	Kasthuri Estate 2nd street				Yes
130	9	119	Avvai Shanmugam Salai		Yes		
131	9	119	Lakshmipuram 2nd Street				Yes
132	9	119	Avvai Shanmugam Salai 1st Lane	Yes			
133	9	119	Royapettah High Road				Yes
134	9	119	P.S.Siva Swamy Street		Yes		
135	9	120	Dr. Natesan Road				Yes
136	9	121	Dr. Radha Krishnan Salai(jn of Thiru.Vi.Ka.High Road)				Yes
137	9	121	Dr. Radha Krishnan Salai (jn of Dr.Natesan Road)				Yes
138	9	121	Dr. Radha Krishnan Salai (infornt of Reliance Build- ing)				Yes
139	9	122	K.B.Dasan Road		Yes		
140	9	122	Cresent Road		Yes		
141	9	122	Seethammal colony 3rd Street,		Yes		
142	9	122	Seethammal colony 4th street,		Yes		
143	9	122	Tankbund Road	Yes			
144	9	122	Nandhanam extension 1st Street		Yes		
145	9	122	Nandhanam extension 2nd Street		Yes		
146	9	122	Nandhanam extension 3rd Street		Yes		
147	9	122	Nandhanam extension 4th Street		Yes		
148	9	122	Nandhanam extension 5th street		Yes		
149	9	122	Nandhanam extension 6th Street		Yes		
150	9	122	Nandhanam extension 7th Street		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
151	9	122	Nandhanam extension 8th Street		Yes		
152	9	122	Nandhanam extension 9th Street		Yes		
153	9	122	Nandhanam extension 10th Street		Yes		
154	9	122	Seethammal 1st Main Road		Yes		
155	9	123	R.A.Puram 1st main road				Yes
156	9	123	Eldams Road				Yes
157	9	123	R.A.Puram 3rd cross street				Yes
158	9	124	Kutcherry Road				Yes
159	9	125	Karaneswarar Pagoda Street				Yes
160	9	126	Santhome Hign Road				Yes
161	9	111	Whites Road				Yes
162	9	112	Railway border road				Yes
163	9	112	Sowrastra nagar 5th street				Yes
164	9	112	Trustpuram 1st cross street				Yes
165	9	112	Bharathishwarer colony 3rd street				Yes
166	9	112	Sivan koil street				Yes
167	9	118	Mayor Sundra (rao) road				Yes
168	9	121	Thiru-Vi-Ka 3rd street				Yes
169	9	113	Improvements of Stormwa- ter drain at North Usman Road				Yes
170	9	113	Improvements of Stormwa- ter drain and construction of 3 road crossing culverts Habibullah Road				Yes
171	10	127	Kaliamman Koil Street(from CMWSSB STP to Sai nagar annex)		Yes		
172	10	131	Rajamannar Salai		Yes		
173	10	134	Rangarajapuram		Yes		
174	10	128	Vembuliamman Koil street		Yes		
175	10	130	100 feet Road (junction of periyar pathai)		Yes		
176	10	136	North Usman Road		Yes		

			City I	Disaster Mar	nagement Plan		GCC
S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
177	10	127	100 feet road (junction of Kaliamman Koil Street)		Yes		
178	10	127	Kaliamman Koil Street (infront of police station)		Yes		
179	10	111 & 127	Construction of Storm- water drain of size 900x900mm RCC Box type drain along Kaliam- man koil street at Koy- ambedu from Metro Water Office in Dn.111 to 100 ft road in Dn.127		Yes		
180	11	144	MMDA Colony 4th , 5th & 6th block				Yes
181	11	145	Pallavan Nagar				Yes
182	11	143	Gajalakshmi nagar	Yes			
183	11	143	VGN nagar phase III		Yes		
184	11	143	Sakthi nagar				yes
185	11	143	Vembuli amman koil street				Yes
186	11	146	Metro nagar				Yes
187	11	147	Krishna nagar		Yes		
188	11	147	Alapakkam main road		Yes		
189	11	147	Pallavan nagar				Yes
190	11	148	Anbu nagar		Yes		
191	11	148	Balavinayagar street		Yes		
192	11	148	CDN nagar				Yes
193	11	149	Radha avenue		Yes		
194	11	149	Sri Lakshmi nagar		Yes		
195	11	150	Mullai street				Yes
196	11	150	Arcot road		Yes		
197	11	151	Officers colony		Yes		
198	11	151	Annai sathya nagar		Yes		
199	11	153	Ganesh avenue 1st to 10th street		Yes		
200	11	155	Amman nagar	Yes			
201	11	155	Royala nagar	Yes			
202	11	155	Bakthi vedhandha avenue	Yes			
203	11	154	Bharathi salai		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
204	11	148	Construction of Storm- water drain of size 1200x1200mm along IAS Qtrs road and Pachaiam- man koil street from Dead End to Virugambakkam Canal				Yes
205	11	152	Sairam avenue		Yes		
206	12	156	Bhell Nagar				Yes
207	12	157	Kaviya Garden, CRR Puram Phase III, Purachi Thalivi Nagar, Bhell Nagar, Dharmarajapuram, Sathiya Nagar, Astalakshmi Av- enue and Sedhu Lakshmi Avenue, River view colony				Yes
208	12	165	Bharathidasan Nagar,				Yes
209	12	167	Nanganallur 44th street				Yes
210	12	158	Construction of Stormwater drain along Ganapathi Colony from Thulasingapuram to Adayar river of size 1200x1200mm				Yes
211	12	165	Bhuvaneswari Nagar,				Yes
212	12	165	Income Tax colony Area Back flow of sewage water				Yes
213	12	162	Thillai Ganga Nagar 25 th Street, 27th Street, 28th Street, Thillai Ganga Nagar 2nd MainRoad, and 4th Main Road				Yes
214	13	173	Mayflower garden		Yes		
215	13	173	R.A Puram IV cross street		Yes		
216	13	173	Valleswaranthottam		Yes		
217	13	173	Srinivasa avenue		Yes		
218	13	174	Mosque street				Yes
219	13	179	Gandhi road	Yes			
220	13	179	Vallalar street - Annai Indra nagar	Yes			
221	13	179	Sivasakthi street - Annai Indra nagar	Yes			

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S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
222	13	179	Kamatchiamman street - Annai Indra nagar	Yes			
223	13	179	Sastri street (Part)	Yes			
224	13	179	Udayam nagar & extn	Yes			
225	13	177	Astalakshmi nagar II, III, IV & V streets				Yes
226	13	173	MRC Nagar		Yes		
227	13	173	Vasantha avenue		Yes		
228	13	173	Kasthuri avenue		Yes		
229	13	175	L.B road				Yes
230	13	175	Kasthuribai nagar				Yes
231	13	175	Indra nagar				Yes
232	13	175	Anna avenue				Yes
233	13	176	Sastri nagar II, IX & XV cross street		Yes		
234	13	178	A.G.S Colony	Yes			
235	13	179	V.G.P Selva nagar Extn I to V streets	Yes			
236	13	179	V.G.P Selva nagar I cross street & I main road	Yes			
237	13	179	Bhuvaneshwari nagar I & III cross street & III main road	Yes			
238	13	179	Veenus colony II street	Yes			
239	13	181	Dr.Radhakrishnan nagar				Yes
240	13	181	Valmigi street				Yes
241	13	180	C.S.I.R road				Yes
242	13	174	Nehru nagar - Veerapandi- ya Kattabomman street		Yes		
243	13	174	Nehru nagar - Periyar street		Yes		
244	13	174	Nehru nagar - Anbil Dhar- malingam street		Yes		
245	13	174	Velachery main road		Yes		
246	13	182	Journalist colony		Yes		
247	13	171	Construction of SWD of size 1500x1500mm along and across Sardar Patel road (Opp to Rajbhavan)		Yes		

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
248	13	177	Construction of RCC Box type Stormwater drain along EB colony 2nd street from EB colony main road to Radha Nagar extension main road		Yes		
249	13	177	Construction of Stormwater drain along Lakshmi nagar 2nd street from Lakshmi Nagar main road to Rajiv Gandhi nagar main road		Yes		
250	13	182	Avvai nagar				Yes
251	13	182	Kannappa nagar				Yes
252	13	182	Ganapathy colony				Yes
253	13	172	Chitra nagar, Kotturpuram	Yes			
254	13	177	Ambedkar nagar II main road				Yes
255	13	177	Kamarajar street - Nehru nagar				Yes
256	13	177	TNHB Colony III main road				Yes
257	13	177	A.G.S Colony VI street				Yes
258	13	177	ASK Nagar				Yes
259	13	177	Ex Service man colony				Yes
260	13	177	Ambedkar nagar I cross street				Yes
261	13	177	TNHB Colony - EWS lanes				Yes
262	13	177	Nethaji colony I to IV cross streets				Yes
263	13	177	Andal nagar extn I to III streets				Yes
264	13	177	Venkateswara nagar III main road				Yes
265	13	177	A.G.S Colony III main road				Yes
266	13	177	Mahalakshmi nagar III cross street				Yes
267	13	177	Brindavan nagar II street		Yes		
268	13	179	Seshadripuram I main road	Yes			
269	13	170	Nagi (R) Thottam	Yes			

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
270	13	170	Chetti thottam	Yes			
271	13	170	Neruppumedu	Yes			
272	13	170	Vinayagapuram	Yes			
273	13	170	Anusuyamandapam	Yes			
274	13	178	Vijayanagar area Yes				
275	13	178	Ram Nagar area	Yes			
276	13	179	Tansi nagar II, III, V, VII & X streets	Yes			
277	13	179 Dhandeeswaram nagar Yes					
278	13	179	Seetharam nagar	Yes			
279	13	179	Sarathy nagar	Yes			
280	13	180	Velachery Taramani road (100' road)				Yes
281	14	184	MGR Salai, MRTS (Near ICDS)				Yes
282	14	187	Karthikeyapuram				Yes
283	14	187	New Kubera Nagar 5th & 7th Street				Yes
284	14	169	Ram Nagar (North)				Yes
285	14	169	Annai Therasa nagar				Yes
286	14	169	Puzhuthivakkam Bust Stand				Yes
287	14	186	OMR, Jn. of Thirumalai Nagar				Yes
288	14	185	ECR, Palgalai Nagar				Yes
289	14	183	ECR, Near BATA Show- room				Yes
290	14	183	ECR Opp. Fish market				Yes
291	14	184	OMR, MGR Salai Jn.				Yes
292	14	185	ECR, Govindan Nagar				Yes
293	14	188	Rajesh Nagar				Yes
294	14	188	Rajaji Nagar				Yes

S.No	Zone	Ward	Location	Very High Vulner- ability Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulner- ability 2 to 3 Feet	Low Vulner- ability less than 2 feet
295	14	188	LIC Nagar				Yes
296	14	188	Madipakkam Bus Stand				Yes
297	15	192	Ellaiamman koil street				Yes
298	15	193	MCN Nagar				Yes
299	15	194	OMR - Mettukuppam (VPG Avenue Junction)		Yes		
300	15	197	Wipro Salai		Yes		
301	15	192	Construction of SWD of size 600x750mm along Kumaraguru Avenue, Neelankarai				Yes
302	15	192	Construction of SWD of size 1200x1200mm along Pandian Salai, Nee- lankarai				Yes
303	15	192	Construction of SWD of size 600x750m along Saraswathi Nagar South, Neelankarai		Yes		
304	15	193	Construction of SWD of size 900x900mm along Karpaga Vinayagar Koil Street, Vettuvankeni				Yes
305	15	196	Construction of Stormwa- ter drain along 1st Avenue Main Road, Vettuvankeni				Yes
306	15	197	Lalbahadhur Sasthiri Street				Yes

		Chronic	Inundation Lo	ocations During Mon	soon - 2017	
SI. No.	ZONE	Very High Vulnerabil- ity Above 5 Feet	High Vulner- ability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet	Total
1	I			18	1	19
2	Ш				11	11
3	III				37	37
4	IV				23	23
5	V				3	3
6	VI				9	9
7	VII			4	8	12
8	VIII				5	5
9	IX				12	12
10	Х				5	5
11	ΧI				1	1
12	XII				4	4
13	XIII				10	10
14	XIV			1	47	48
15	XV				6	6
To	otal	0	0	23	182	205

	Depth of Inundation During Monsoon - 2017								
SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet		
1	I	3	Annai sivagami nagar 6th street			Yes			
2	I	4	Thiruveedhiamman koil 5th street			Yes			
3	I	4	Mettu street			Yes			
4	I	5	MRF road junction			Yes			
5	I	5	Jaigopal karodia school				Yes		
6	I	5	andhi nagar (Inside Market)		Yes				
7	I	6	Kalaignar nagar 9th street		Yes				
8	Ι	6	<u> </u>		Yes				
9	Ι	7	Rajaji nagar VOC street			Yes			
10	Ι	7	Rajaji nagar sathyamootthy street			Yes			
11	Ι	7	Rajaji nagar Kirubananadavariyar street			Yes			
12	I	7	Rajaji nagar Muthuramalingam street	amalingam street		Yes			
13	I	7	Kargil nagar pumping station		Yes				
14	I	10	Nandhiodai	Nandhiodai '		Yes			
15	I	11	T.H road (Opp. To Zonal office)			Yes			
16	Ι	12	BKN colony			Yes			
17	Ι	13	Varadarajan street (Govt. school)			Yes			
18	Ι	13	Gandhi nagar (In railway land)			Yes			
19	I	14	T.H road (Rajakadai)			Yes			
20	II	15	Manali New Town 73rd Block				Yes		
21	II	15	Edayanchavadi				Yes		
22	II	15	Chinna Eachankuzhi				Yes		
23	II	16	Manali New town 84th,89th,90th Block				Yes		
24	II	16	Manali New town 89th Block				Yes		
25	II	16	Manali New town 90th Block				Yes		
26	II	17	Kosappur School				Yes		
27	II	18	All Street				Yes		
28	II	19	MMDA 46TH Street				Yes		
29	II	20	Kamarajar Salai				Yes		
30	II	21	Jalakandamariamman Koil Street				Yes		
31	III	22	Vegetarian Village				Yes		

	City Disaster Management Plan					GCC		
SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet	
32	III	24	Sriram Nagar,				Ye	
33	III	24	Venkateswara Nagar				Yes	
34	III	24	Venkatasai Nagar				Yes	
35	III	24	Vijayalakshmi Nagar				Yes	
36	III	24	Grace Ngr				Yes	
37	III	24	Elisabath Ngr				Yes	
38	III	24	Sathiyamoorthy Ngr				Yes	
39	III	24	Ganapathy Ngr				Yes	
40	III	24	Kamarajar Ngr				Yes	
41	III	24	Krishna Ngr				Yes	
42	III	24	ırushothaman Ngr				Yes	
43	III	24	elumurugan Ngr				Yes	
44	III	25	padmavathy nagar GNT ROAD ROUNDANA,				Yes	
45	III	25	Veeraragavan nagar				Yes	
46	III	25	Collector Nagar				Yes	
47	III	25	lakshmi Nagar				Yes	
48	III	25	INTUC Nagar				Yes	
49	III	25	Arignar Anna Ng				Yes	
50	III	26	1.Ganapathy Siva Nagar, Thirupathy thangavel nagar				Yes	
51	III	29	1.Perumal koil St				Yes	
52	III	29	Perumal koil StExtension				Yes	
53	III	29	Kakkan puram cross St				Yes	
54	III	29	Velu St				Yes	
55	III	29	Apparaj St				Yes	
56	III	29	Devarajan 2nd Cross st				Yes	
57	III	29	Gandhi Cross st				Yes	
58	III	31	1.Kannapiran kovil st				Yes	
59	III	31	kalkattashop				Yes	
60	III	32	NANDHA NAGAR				Yes	
61	III	32	VENKATESWARA NAGAR				Yes	

			City Disaster Managen	nent Plan	GCC		
SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet
62	III	32	TEACHERS COLONY 4TH MAIN ROAD				Yes
63	III	33	Annapoorna Nagar entire Area(Vacant Land)				Yes
64	III	33	Ganapathy thottam,				Yes
65	III	33	Prakash Nagar				Yes
66	III	33	VIP Ngr				Yes
67	III	33	Elisabath Ngr				Yes
68	IV	34	Thendral Nagar				Yes
69	IV	35	Muthamil Nagar 202nd Street				Yes
70	IV	35	Gandhi Nagar				Yes
71	IV	35	Krishna Salai				Yes
72	IV	37	Abirami Avenue 14th Street				Yes
73	IV	37	MKB Nagar 4th Cross Street	MKB Nagar 4th Cross Street			Yes
74	IV	38	Vaithiyanathan Street				Yes
75	IV	38	Patel Nagar 3rd Street				Yes
76	IV	38	Nehru Nagar 13th Street				Yes
77	IV	38	Nethaji Nagar 2nd Street				Yes
78	IV	40	Thiruvalluvar Nagar				Yes
79	IV	41	MGR Nagar 5th, 6th, 7th & 8th Street				Yes
80	IV	41	Parthasarathy Street				Yes
81	IV	41	Marimuthu Street				Yes
82	IV	41	Kasthuribai Street				Yes
83	IV	44	Kamaraj Street				Yes
84	IV	44	Palani andavar Koil Street				Yes
85	IV	45	Annai Sathya Nagar				Yes
86	IV	45	B.V.Colony 18th Street				Yes
87	IV	46	Palla 2nd & 3rd Street				Yes
88	IV	46	E.H Road (Moorthingar Opp Eswaran Koil)				Yes
89	IV	46	S.M.Nagar Main Road				Yes
90	IV	47	Meenambal Nagar 5th Street				Yes
91	V	53	C.B.Road				Yes
92	V	57	Prakasam Salai				Yes
93	V	58	Ritherdon road				Yes

SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet
94	VI	64	Siva Sakthi Nagar				Yes
95	VI	64	Appasamy Street				Yes
96	VI	65	Ambedkar Nagar 1st Cross Street				Yes
97	VI	65	Ashok Avenue				Yes
98	VI	69	Bunder Garden				Yes
99	VI	72	Decaster Road				Yes
100	VI	74	ecratriate Colony 4nd Street			<u> </u>	Yes
101	VI	74	Secratriate Colony 6th Street				Yes
102	VI	77	Elephant gate Road				Yes
103	VII	79	Manolodai St				Yes
104	VII	80	abari st, Chital st				Yes
105	VII	81	OT Bus stand				Yes
106	VII		Singapore complex				Yes
107	VII	82	Sakthi Nagar, Vital st			Yes	
108	VII	82	Vanasakthi Nagar,TVS Nagar,Sastha Nagar,				Yes
109	VII	83	Iyyappan st				Yes
110	VII	84	Kanniamman Koil st,			Yes	
111	VII	84	Bajanai Koil st, Dass industrial estate				Yes
112	VII	86	TNHB Phase-III			Yes	
113	VII	86	Rampoorna Nagar			Yes	
114	VII	89	Akshyacolony				Yes
115	VIII	99	H BLOCK 5TH STREET				Yes
116	VIII	105	Razak Garden				Yes
117	VIII	105	INDRA GANDHI STREET				Yes
118	VIII	105	MMDA COLONY H BLOCK				Yes
119	VIII	105	J BLOCK				Yes
120	IX	110	School Road				Yes
121	IX	110	Strelling Road				Yes
122	IX	111	Whites Road				Yes
123	IX	111	Gopalapuram 1st street				Yes
124	IX	113	Prakasam Salai				Yes
125	IX	113	Nungambakkm High Road (Near Park Hotel)				Yes

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SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet
126	IX	115	Dr.Besant road (Uruthu School)				Yes
127	IX	118	Anna Salai				Yes
128	IX	119	Avvai Shanmugam Salai 1st lane				Yes
129	IX	119	Lakshmipuram 2nd Street				Yes
130	IX	121	Dr.R.K.Salai			Yes	
131	IX	122	Chamiers Road				Yes
132	X	127	Kaliamman Koil street Near Market				Yes
133	X	136	Bazulla Road	nzulla Road			Yes
134	X	136	Burkit Road	ırkit Road			Yes
135	X	127	aliamman Koil street			Yes	
136	X	131	K.Shanmugam Salai			Yes	
137	XI	148	hangal Karai, Periyar Nagar			Yes	
138	XII	156	ANICHATHAMMAN KOIL			Yes	
139	XII	161	IG OFFICE			Yes	
140	XII	162	KANNAN COLONY				Yes
141	XII	165	BALAJI NAGAR EXTN.(VACANTLAND to SWD)				Yes
142	XIII	174	CGHSS - Five furlong road				Yes
143	XIII	174	Radhakrishnan street				Yes
144	XIII	174	Pandiyan street				Yes
145	XIII	174	Velachery main road				Yes
146	XIII	177	Venkateswara nagar III street (Vacant land - 1 & Dhandeeswaram dis- posal - 1)				Yes
147	XIII	177	TNHB III avenue (Vacant land)				Yes
148	XIII	179	Park avenue III street				Yes
149	XIII	179	V.G.P Selva nagar IV main road				Yes
150	XIII	180	Kennady street				Yes
151	XIII	180	Anna street				Yes
152	XIV	168	Giri Street				Yes
153	XIV	169	Ram Nager Ist st				Yes
154	XIV	169	Sivasubramaniyam st				Yes
155	XIV	169	Jaya Nagar				Yes

SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me- dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet
156	XIV	169	Thanthai Periyar School				Yes
157	XIV	169	Manikandan street				Yes
158	XIV	187	New Kuberan Nagar 5th street				Yes
159	XIV	187	New Kuberan Nagar 7th street				Yes
160	XIV	187	Kathikeyapuram 12th street				Yes
161	XIV	188	Arul murugan nagar 1st street				Yes
162	XIV	188	Vishal Nager Main Road				Yes
163	XIV	188	Krishnaveni Ammal Nagar				Yes
164	XIV	188	mahalakshmi nagar				Yes
165	XIV	188	madipakkam bus stand				Yes
166	XIV	188	Govindaswamy Nagar				Yes
167	XIV	188	rul murugan nagar 4th street			Yes	
168	XIV	188	eeramani Street			Yes	
169	XIV	188	Kuberan nagar 14th street	Kuberan nagar 14th street			Yes
170	XIV	188	Kuberan nagar 15th street				Yes
171	XIV	189	perumal Nagar				Yes
172	XIV	189	meru Nagar Main road				Yes
173	XIV	189	kamaraj Street				Yes
174	XIV	190	kannan thasan Nagar (park)				Yes
175	XIV	190	nehru Street (part)				Yes
176	XIV	190	Kovalan Nagar 6th street				Yes
177	XIV	190	Rajiv Street (part)				Yes
178	XIV	191	pallavan Street				Yes
179	XIV	191	pallavan Nagar 1 Street (part)				Yes
180	XIV	191	pallavan Nagar 2 Street (part)				Yes
181	XIV	191	pallavan Nagar 3 Street (part)				Yes
182	XIV	191	pallavan Nagar 4 Street (part)				Yes
183	XIV	191	padamavathi nagar main road				Yes
184	XIV	191	Nagathamman kovil st			Yes	
185	XIV	191	Indra gandhi street				Yes
186	XIV	191	Rajiv gandhi street				Yes
187	XIV	191	Mani megali Street			Yes	
188	XIV	191	Bagavathu Singh Street				Yes
189	XIV	191	Manikkam Street				Yes

SI. No	Zone	Ward	Location	Very High Vul- ner- ability Above 5 Feet	High Vul- ner- ability 3 to 5 Feet	Me-dium Vul- ner- ability 2 to 3 Feet	Low Vul- ner- ability less than 2 feet
190	XIV	191	Nethaji Street				Yes
191	XIV	191	Kovalan Street				Yes
192	XIV	191	Rajeshwari Street				Yes
193	XIV	191	Kannagi Street				Yes
194	XIV	191	Kambar Street				Yes
195	XIV	191	Indhra Street				Yes
196	XIV	191	Kumarakurubarar Street				Yes
197	XIV	191	Rajiv Gandhi Cross Street				Yes
198	XIV	191	Vaithiya Lingam Stret				Yes
199	XIV	191	Pachayappan Koil Street				Yes
200	XV	192	Kabaleeswarar Nagar 5th cross street				Yes
201	XV	193	MCN Nagar Extn 3rd Street				Yes
202	XV	194	Raju Nagar 1st and 2nd Street				Yes
203	XV	196	Bethel Nagar				Yes
204	XV	196	ECR-Jn of Gandhi Street				Yes
205	XV	197	Bajanai Kovil Street				Yes
			TOTAL				

NORTH EAST MONSOON-2018

Chronic Inundation Location During Monsoon - 2018

SI. No	Zone	Very high vulnerability Above 5 feet	High vulnerability 3 to 5 feet	Medium vulnerability 2 to 3 feet	Low vulnerability Less than 2 feet	TOTAL
1	I	_	_	_	2	2
2	III	-	-	1	2	3
3	VII	_	_		7	7
4	VIII	_	_	_	3	3
5	ΧI				2	2
6	XIV	_	ı	1	17	17
7	XV	_	_	_	19	19
ТС	OTAL			1	52	53

NORTH EAST MONSOON-2018

Depth of Inundation During Monsoon -2018

No of stagnation : 53 locations

			140 of Stagnation	. 55 100	Jalions		
SI.No	Zone	Div	Location	Very high vulner- ability Above 5 feet	High vulner- ability 3 to 5 feet	Me- dium vulner- ability 2 to 3 feet	Low vul- nerability Less than 2 feet
1	1	6	Jothi Nagar				Yes
2	1	7	Rajaji Nagar				Yes
3	3	22	Thirumalai nagar				Yes
4	3	26	Sivaganapathi nagar	_	_		Yes
5	3	26	Perimalum nagar	_	_	Yes	_
6	7	82	Karukku Main Road	_	_	_	Yes
7	7	83	TVS Nagar East, Balaji Nagar	_	_	_	Yes
8	7	83	Iyappan Nagar,	_	_	_	Yes
9	7	83	Balaji Nagar	_	_	_	Yes
10	7	91	Jeswanth Nagar				Yes
11	7	92	Vellalar Street				Yes
12	7	93	Padikuppam Main road				Yes
13	8	94	MTH ROAD NEAR VILLI- VAKKAM POLICE STA- TION				Yes
14	8	104	DR ALAGAPPA ROAD				Yes
15	8	104	SUNDARAM LANE				Yes
16	11	147	Nagenthiran Street				Yes
17	11	150	Chettiyaragaram Main Road				Yes
18	14	169	Ram nagar 1st street	_	_	_	Yes
19	14	169	Ram nagar2nd street	_	_	_	Yes
20	14	169	Ram nagar3rd street	_			Yes
21	14	169	Ram nagar 5th street		_	_	Yes
22	14	169	Ram nagar 7th street	_			Yes
23	14	169	Ram nagar 8th street		_	_	Yes
24	14	169	Manikandan street		_	_	Yes
25	14	169	Sivasubramaniyam street	_	_	_	Yes
26	14	169	Sivaprakasham 1st street				Yes
27	14	169	Balaji nagar 24th street	_	_	_	Yes

			City Di	saster Mana	agement Plan		GCC
28	14	169	Annai Therasa nagar 7th street	_		_	Yes
29	14	169	Annai Therasa nagar 4st street	_		_	Yes
30	14	169	Annai Therasa nagar 14th street		Ι	_	Yes
31	14	169	Ramalingam nagar main road		1	_	Yes
32	14	169	Jaya nagar	_	_	_	Yes
33	14	183	Division office	_	_	_	Yes
34	14	187	Saraswathi street	_	_	_	Yes
35	15	192	Infront of Maharastra Bank at ECR Road Nee- lankarai	_	_	_	Yes
36	15	192	Ellaiyamman Koil 4th Street, Neelankarai	_	_	_	Yes
37	15	193	Mahathma Gandhi 2nd Main Road	_	_	_	Yes
38	15	193	Karpaga Vinayagar Nagar 3rd Street	_	-	_	Yes
39	15	193	Karpaga Vinayagar Na- gar4th Street	_	_	_	Yes
40	15	193	Karpaga Vinayagar Nagar 5th Street	_	_	_	Yes
41	15	193	Kasthuribai 10th cross street	_	_	_	Yes
42	15	193	Karpaga Vinayagar Nagar 7th Street		_	_	Yes
43	15	194	Balaji Nagar	_	_	_	Yes
44	15	194	Bharathiyar Nagar	_	_	_	Yes
45	15	195	Saraswathi Nagar 4th Cross Street		1	_	Yes
46	15	196	ECR Road Pilominal School	_	-	_	Yes
47	15	196	Ramalinga nagar	_	_	_	Yes
48	15	197	Annai Fathima school	_	_	_	Yes
49	15	197	Classic Farm Retreat 1st st	_	_		Yes
50	15	198	Ponniyamman koil 5th cross street	_	_		Yes
51	15	200	Thiruvalluvar Nagar	_			Yes
52	15	200	Jawahar nagar 5th.6th cr st	_	_	_	Yes
53	15	200	Nookampalayam link road				Yes

Chronic Inundation Locations During Monsoon - 2019

SI.No.	ZONE	No.of.Water Stagnation locations	Very High Vulnerabil- ity	High Vul- nerability	Medium Vul- nerability	Low Vulner- ability	Total
1	I	1				1	1
2	II	0				0	0
3	Ш	1				1	1
4	IV	0				0	0
5	V	2				2	2
6	VI	1				1	1
7	VII	1				1	1
8	VIII	1				1	1
9	IX	2				2	2
10	X	2				2	2
11	XI	1				1	1
12	XII	0				0	0
13	XIII	1				1	1
14	XIV	4				4	4
15	XV	2				2	2
		19	0	0	0	19	19

Depth of Inundation During Monsoon -2019

SI.No.	Zone	Ward	Location	Very High Vulner- ability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulner- ability 2 to 3 feet	
1	1	7	Kargil Nagar, Thiruvotriyur				Yes
2	3	24	Surapet Main Road				Yes
3	5	56	Prakasam Salai				Yes
4	5	58	EVK Sampath Salai				Yes
5	6	69	Paper Mills road				Yes
6	7	83	North Avenue, TNHB 27th,28th,42th,49th,50th,61st				Yes
7	8	,	P.H Road, Near Arumbak- kam and Near Mosque				Yes
8	9	113	Nungambakkam High (Near Park Hotel)				Yes
9	9	117	North Usman Road				Yes
10	10	127	Jawahar lal nehru, 100 feet road, Koyambedu junction				Yes
11	10	130	100 Feet road, CMRL , Vadapalani junction				Yes
12	11	152	Arcot road infront of lamech school				Yes
13	13	174	Vellachery Main Road Pheo- nix Mall Near vijaya nagar junction				Yes
14	14		Ram Nagar 6th, 8th ,9th Street				Yes
15	14	191	Quidamillath Street				Yes
16	14	188,187	Kuberan Nagar				Yes
17	14	169,187	Sadasivam Nagar				Yes
18	15	200	Nookkambaalayam link road				Yes
19	15	200	Jawahar Nagar				Yes
			TOTAL				

Chronic Inundation Locations During Monsoon - 2020

SI. No.	ZONE	No.of.Water Stagnation locations	Very High Vulnera- bil- ity	High Vul- nerability	Medium Vul- nerability	Low Vulner- ability	Total
1	I	1				1	1
2	П	0				0	0
3	III	0				0	0
4	IV	2				2	2
5	V	1				1	1
6	VI	2				2	2
7	VII	1				1	1
8	VIII	2				2	2
9	IX	2				2	2
10	Х	2				2	2
11	ΧI	2				2	2
12	XII	1				1	1
13	XIII	3				3	3
14	XIV	2				2	2
15	XV	2				2	2
		23	0	0	0	23	23

Depth of Inundation During Monsoon -2020

SI.No.	Zone	Ward	Location	Very High Vulner- ability Above 5feet	High Vulner- ability 3 to 5 feet	Medium Vulner- ability 2 to 3 feet	Low Vul-nerability less than2 feet
1	1	07	Kargil Nagar, Thiruvotriyur				Yes
2	4	42	Kailasam Street.				Yes
3	4	47	Meenambal Nagar, Kathivakkam High Road.				Yes
4	5	57	Prakasam Salai,				Yes
5	6	65 & 66	Senthil Nagar 1 st Main Road & Selvi Nagar 1 to 5 Street. Periyar Nagar (Kathikeyan Salai), Jaganathan Salai.				Yes
6	6	77	Pulianthope High Road				Yes
7	7	83	North Avenue, Korattur				Yes
8	8	94	Baba Nagar, Villivakkam, South Jaganatha Nagar 3 rd Main Road.				Yes
9	8	100	3 rd Avenue, Anna Nagar				Yes
10	9	113	Habibullah Road				Yes
11	9	123	R.A Puram 1 st Main Road				Yes
12	10	131	Rajammannar Salai & R.K. Shanmugam Salai.				Yes
13	10	136	Bazullah Road				Yes

City Disaster Management Plan		GCC	

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14	11	143	Gajalakshmi Nagar Main Road & Gajalakshmi Nagar 5 th Street		Yes
15	11	150	Arcot Road Northern side (from Porur Jun to Karambakkam Police Booth)		Yes
16	12	162 & 164	Kannan Colony, Vembuli Amman Koil Road, Alandur		Yes
17	13	174	City Link Road, Five Furlong Road, Cart Track Road, Pillaiyar Koil Street, Nethaji Road.		Yes
18	13	177	Velachery AGS Colony 4th Street & 5 th Street		Yes
19	13	180	MGR Main Road. Periyar Nagar, Tharaman		Yes
20	14	169	Ram Nagar 10 th & 11 th Street.		Yes
21	14	188	Mayilai Balaji Nagar (Kuberan Nagar, Ram Nagar South) Pallikaranai.		Yes
22	15	196	Selva Nagar		Yes
23	15	200	Semmancheri Housing Board Colony, Semmancheri EzhilmugaNagar, Jawahar Nagar.		Yes
			TOTAL		

	Chronic Inundation Locations During Monsoon - 2021										
SI.No.	ZONE	No.of.Water Stagnation Iocations	Very High Vulnerability	High Vulnerability	Medium Vulnerability	Low Vulnerability	Total				
1	I	16			3	13	16				
2	Ш	6		1	1	4	6				
3	III	60		2	9	49	60				
4	IV	50		3	6	41	50				
5	V	53			1	52	53				
6	VI	14			7	7	14				
7	VII	10			5	5	10				
8	VIII	33			5	28	33				
9	IX	58		1	6	51	58				
10	Х	37		1	4	32	37				
11	ΧI	27			1	26	27				
12	XII	21			1	20	21				
13	XIII	48		7	2	39	48				
14	XIV	79		3	6	70	79				
15	XV	49			4	45	49				
		561	0	18	61	482	561				

	Depth of Inundation During Monsoon -2021							
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
1	1	1	K.H Road near Vinayakar Kovil				Yes	
2	1	1	K.H.Road			Yes		
3	1	1	S.V M Nagar Burial Ground			Yes		
4	1	2	Valluvar nagar subway				Yes	
5	1	2	Kamaraj Nagar 7th Street				Yes	
6	1	2	Periyar Kupam Barial Ground				Yes	
7	1	2	Nehru Nagar				Yes	
8	1	3	Etps Colony				Yes	
9	1	4	AD Colony				Yes	
10	1	4	Jothi Nagar				Yes	
11	1	4	Shanmugapuram 2nd Street			Yes		
12	1	6	Shanmugapuram 12th Cross Street				Yes	
13	1	6	Rajashanmugapuram 2nd Street				Yes	
14	1	7	Annamalai Nagar				Yes	
15	1	7	Ramasamy Nagar				Yes	
16	1	11	Kanakar Street				Yes	
17	2	15	Ediyan Chavadi				Yes	
18	2	16	Jenifer Nagar			Yes		
19	2	17	Saraswathi Nagar				Yes	
20	2	19	Bala Subramaniyam Nagar		Yes			
21	2	20	New MGR Nagar				Yes	
22	2	21	Neducheziyan Salai				Yes	
23	3	22	Thiruneelakandar 4th St				Yes	
24	3	22	Valluvar St				Yes	
25	3	22	K.S. Nagar 27th St				Yes	
26	3	22	K.S. Nagar 26th St				Yes	
27	3	22	K.S. Nagar 2nd St			Yes		
28	3	23	Division Office 23		Yes			
29	3	23	NSK Street				Yes	
30	3	23	Warehouse				Yes	
31	3	24	Kamarajar Street		Yes			
32	3	24	Sriram Nagar			Yes		
33	3	24	Sarathy Nagar				Yes	
34	3	24	Venkat Sai nagar 8th street				Yes	
35	3	24	Venkat Sai nagar 11 th street				Yes	
36	3	25	Mahalakshmi Nagar				Yes	

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Citv	/ Disaster	Manag	iement	Plan
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37 3 25 David Jeyarel St Yes 38 3 25 GNT Road Yes 39 3 26 Sami Nagar Yes 40 3 26 Parimalam nagar Yes 41 3 26 Parimalam nagar Yes 42 3 26 Thanikachalam 3rd main road Yes 42 3 26 Thanikachalam 3rd main road Yes 43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 45 3 28 AvM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 49 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 51 3 28 Ayyavu Garden Yes 52 3 <t< th=""><th></th><th></th><th></th><th>5.x, 2.6x</th><th></th><th>gement Fla</th><th></th><th></th><th></th></t<>				5.x, 2.6x		gement Fla			
37 3 25 David Jeyarel St Yes 38 3 25 GNT Road Yes 39 3 26 Sami Nagar Yes 40 3 26 Thirumazhai nagar Yes 41 3 26 Parimalam nagar Yes 41 3 26 Pramilam nagar Yes 42 3 26 Pramilam nagar Yes 44 3 26 Pronniamman medu Yes 44 3 27 Padma nagar Yes 44 3 28 AVM Nagar Yes 45 3 28 AVM Nagar Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Rajeshwari Ammal St Yes 48 3 28 Rajeshwari Ammal St Yes 48 3 28 Ayyavu Garden Yes 51 3 28	SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
39 3 26 Sami Nagar Yes 40 3 26 Thirumazhai nagar Yes 41 3 26 Parimalam nagar Yes 42 3 26 Ponniamman medu Yes 43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 44 3 27 Padma nagar Yes 44 3 28 AyM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 49 3 28 Rupathi street Yes 52 3 28	37	3	25	David Jeyarel St				Yes	
40 3 26 Thirumazhai nagar Yes 41 3 26 Parimalam nagar Yes 42 3 26 Thanikachalam 3rd main road Yes 43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 45 3 28 AVM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 49 3 28 Sasthi nagar Yes 49 3 28 Sasthi nagar Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Kannabiran Koil Street Yes 55 3 29 <td>38</td> <td>3</td> <td>25</td> <td>GNT Road</td> <td></td> <td></td> <td></td> <td>Yes</td> <td></td>	38	3	25	GNT Road				Yes	
41 3 26 Parimalam nagar Yes 42 3 26 Thanikachalam 3rd main road Yes 43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 45 3 28 AVM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near arma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 57	39	3	26	Sami Nagar				Yes	
42 3 26 Thanikachalam 3rd main road Yes 43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 45 3 28 AVM Nagar Yes 46 3 28 Rajeshwari Ammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Papathi street Yes 55 3 29 Devarajan Street Yes 56 3	40	3	26	Thirumazhai nagar			Yes		
43 3 26 Ponniamman medu Yes 44 3 27 Padma nagar Yes 45 3 28 AVM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Velu Street Yes 54 3 29 Kannabiran Koil Street Yes 55 3 29 Devarajan Street Yes 56 3 29	41	3	26	Parimalam nagar				Yes	
44 3 27 Padma nagar Yes 45 3 28 AVM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Veralajiri street Yes 58 3<	42	3	26	Thanikachalam 3rd main road				Yes	
45 3 28 AVM Nagar Yes 46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 51 3 28 Papathi street Yes 52 3 28 Papathi street Yes 52 3 29 Velu Street Yes 53 3 29 Velu Street Yes 54 3 29 Vachuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Veragan Street Yes 56 3 29 Devarajan Street Yes 57 3	43	3	26	Ponniamman medu				Yes	
46 3 28 Susilammal St Yes 47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 52 3 28 Papathi street Yes 52 3 29 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Papathi street Yes 54 3 29 Vatuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiraim Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Perumal Koil Gandhi nagar) Yes 59 <td>44</td> <td>3</td> <td>27</td> <td>Padma nagar</td> <td></td> <td></td> <td></td> <td>Yes</td> <td></td>	44	3	27	Padma nagar				Yes	
47 3 28 Rajeshwari Ammal St Yes 48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 51 3 28 Ryapathi street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Devarajan Street Yes 58 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal Koil(gandhi nagar) Yes	45	3	28	AVM Nagar			Yes		
48 3 28 Sasthi nagar Yes 49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Devarajan Street Yes 58 3 29 Devarajan Street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal Koil(gandhi nagar) Yes 61 3 29 Krishna Street Yes	46	3	28	Susilammal St				Yes	
49 3 28 Padavattamman Koil St Yes 50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil (gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes	47	3	28	Rajeshwari Ammal St				Yes	
50 3 28 Ayyavu Garden Yes 51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Perumal koil Extn Yes 63 3 30 Masilamani Nagar Yes	48	3	28	Sasthi nagar				Yes	
51 3 28 Kumaran street Yes 52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St., (near amma unavagam) Yes 54 3 29 Vazhuthigaimedu St., (near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Adhiraj Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes <td>49</td> <td>3</td> <td>28</td> <td>Padavattamman Koil St</td> <td></td> <td></td> <td></td> <td>Yes</td> <td></td>	49	3	28	Padavattamman Koil St				Yes	
52 3 28 Papathi street Yes 53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St., (near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil (gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67	50	3	28	Ayyavu Garden				Yes	
53 3 29 Velu Street Yes 54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 6	51	3	28	Kumaran street				Yes	
54 3 29 Vazhuthigaimedu St.,(near amma unavagam) Yes 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Masilamani Nagar Yes 65 3 30 VRB nagar Yes	52	3	28	Papathi street				Yes	
34 3 29 amma unavagam) res 55 3 29 Kannabiran Koil Street Yes 56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil (gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Adhiraj Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65	53	3	29	Velu Street				Yes	
56 3 29 Devarajan Street Yes 57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Perumal koil Extn Yes 62 3 29 Adhiraj Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 5th street Yes 71<	54	3	29					Yes	
57 3 29 Vedagiri street Yes 58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72<	55	3	29	Kannabiran Koil Street				Yes	
58 3 29 Mahatmagandhi street Yes 59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes <td< td=""><td>56</td><td>3</td><td>29</td><td>Devarajan Street</td><td></td><td></td><td>Yes</td><td></td><td></td></td<>	56	3	29	Devarajan Street			Yes		
59 3 29 Perumal Koil(gandhi nagar) Yes 60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74	57	3	29	Vedagiri street			Yes		
60 3 29 Perumal koil Extn Yes 61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75	58	3	29	Mahatmagandhi street				Yes	
61 3 29 Krishna Street Yes 62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	59	3	29	Perumal Koil(gandhi nagar)			Yes		
62 3 29 Adhiraj Street Yes 63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	60	3	29	Perumal koil Extn				Yes	
63 3 30 Masilamani Nagar Yes 64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	61	3	29	Krishna Street			Yes		
64 3 30 Pandakulam Yes 65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	62	3	29	Adhiraj Street			Yes		
65 3 30 VRB nagar Yes 66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	63	3	30	Masilamani Nagar				Yes	
66 3 30 Roja nagar Yes 67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	64	3	30	Pandakulam				Yes	
67 3 32 Teacher's Colony 4th street Yes 68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	65	3	30	VRB nagar				Yes	
68 3 32 Teacher's Colony 5th street Yes 69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	66	3	30	Roja nagar				Yes	
69 3 32 Teacher's Colony 7th street Yes 70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	67	3	32	Teacher's Colony 4th street				Yes	
70 3 32 Sarathy Nagar Extn. Yes 71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	68	3	32	Teacher's Colony 5th street				Yes	
71 3 32 Narmadha Nagar Yes 72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	69	3	32	Teacher's Colony 7th street				Yes	
72 3 32 Venkateshwara Nagar Yes 73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	70	3	32	Sarathy Nagar Extn.				Yes	
73 3 32 Mookambikai Nagar Yes 74 3 33 Dr.Abdul kalam Road Yes 75 3 33 Elizabeth Nagar Yes	71	3	32	Narmadha Nagar				Yes	
74333Dr.Abdul kalam RoadYes75333Elizabeth NagarYes	72	3	32	Venkateshwara Nagar				Yes	
75 3 33 Elizabeth Nagar Yes	73	3	32	Mookambikai Nagar				Yes	
	74	3	33	Dr.Abdul kalam Road				Yes	
76 3 33 Ganapathy jeeva Thootam Yes	75	3	33	Elizabeth Nagar				Yes	
	76	3	33	Ganapathy jeeva Thootam				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
77	3	33	Cement godown factory				Yes	
78	3	33	Kasiammal nagar				Yes	
79	3	33	Bharathiyar nagar				Yes	
80	3	33	Ramalinga Colony				Yes	
81	3	33	Annapurana nagar				Yes	
82	3	33	200 ft.road (opp Prasath Hospital)				Yes	
83	4	34	Durga Avenue 1st Main Road				Yes	
84	4	34	Sastri Nagar				Yes	
85	4	34	Thendral Nagar 8th Street				Yes	
86	4	35	Muthamiz 8th Block 191				Yes	
87	4	35	Muthamiz 8th Block 197			Yes		
88	4	35	Muthamiz 8th Block 207			Yes		
89	4	36	Sharma nagar 1st main road				Yes	
90	4	38	Nehru 14th St				Yes	
91	4	38	New Venba Nagar 3rd St				Yes	
92	4	38	Ilaya Mudali Street				Yes	
93	4	39	A.E Koil St (Thiruvalluvar Nagar)				Yes	
94	4	39	Poondithabgammal Street				Yes	
95	4	39	MPT Quarters				Yes	
96	4	40	VOC Nagar			Yes		
97	4	40	Thiuruvaluvar Nagar		Yes			
98	4	40	TP Scheme			Yes		
99	4	40	Madha Koil Street		Yes			
100	4	40	Jeeva Nagar		Yes			
101	4	40	Vaidhiyanathan Road			Yes		
102	4	41	Ennore High Road, MGR Nagar				Yes	
103	4	41	MGR Nagar 6th St				Yes	
104	4	41	MGR Nagar 7th St				Yes	
105	4	41	MGR Nagar 8th St				Yes	
106	4	42	Kailasam St				Yes	
107	4	42	Jeeva Street				Yes	
108	4	42	Veera Kutty Street				Yes	
109	4	44	Palaniandavar street				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet		Vulnerability Status
110	4	44	Manicka vinayagar koil street				Yes	
111	4	44	Nattal garden				Yes	
112	4	44	Raniammaie st				Yes	
113	4	45	Ganesa puram Subway			Yes		
114	4	45	Ganesan Main Road				Yes	
115	4	45	Stephenson Road				Yes	
116	4	45	Chinna Thambi Street				Yes	
117	4	45	Gramiya Street				Yes	
118	4	45	Stephenson Lane				Yes	
119	4	46	Palla Street				Yes	
120	4	46	Ponnappan St				Yes	
121	4	46	Balakrishnan St				Yes	
122	4	46	Moorthy St				Yes	
123	4	47	Thiyagappa street				Yes	
124	4	47	Kannan Road				Yes	
125	4	47	Sigirintha Palayam				Yes	
126	4	47	K.H Road				Yes	
127	4	47	Egambaram Street				Yes	
128	4	48	Muthaiya Mudali St				Yes	
129	4	48	Nanayappan St				Yes	
130	4	48	Subbammal St				Yes	
131	4	48	Ramanujam St				Yes	
132	4	48	Soolaiappan Street				Yes	
133	5	49	Kappal polu street				Yes	
134	5	49	Dhandavarajan St			Yes		
135	5	49	Venkatachalam street				Yes	
136	5	50	S.N.Chetty street				Yes	
137	5	51	Ramanjagam St				Yes	
138	5	53	Kathbada main road				Yes	
139	5	53	Nagappa nagar				Yes	
140	5	53	Kannan roundana	1			Yes	
141	5	53	Srinivasapuram	1			Yes	
142	5	53	Bojaraja nagar	1			Yes	
143	5	53	Pensioners lane	1			Yes	
144	5	53	P.P.Amman koil 1st street	1			Yes	
145	5	53	P.P.Amman koil 2nd street				Yes	
146	5	53	P.P.Amman koil 3rd street				Yes	
147	5	53	P.P.Amman koil 4th street				Yes	
148	5	53	P.P.Amman koil 5th street	1			Yes	
149	5	53	P.P.Amman koil 6th street				Yes	

			City Disa	ster Manag	jement Plar	n 📗	GC	CC
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
150	5	53	P.P.Amman koil 7th street				Yes	
151	5	53	P.P.Amman koil 8th street				Yes	
152	5	53	Ramdoss nagar				Yes	
153	5	53	Kathivakkam high road				Yes	
154	5	53	N.N.Nagar 6th street				Yes	
155	5	53	New Labour Lane				Yes	
156	5	53	Kadpada St				Yes	
157	5	53	Stanley 6th Street				Yes	
158	5	55	Prakasam Salai				Yes	
159	5	57	Raman road				Yes	
160	5	57	Adhiyappa street				Yes	
161	5	58	Veppery high road				Yes	
162	5	58	Alagappa road				Yes	
163	5	58	Jothi venkatachalam street				Yes	
164	5	58	General colins road				Yes	
165	5	58	Vetinary hospital				Yes	
166	5	59	Wallaja road				Yes	
167	5	59	Ellis road				Yes	
168	5	60	Sembu Doss Street				Yes	
169	5	60	Moor Street				Yes	
170	5	60	Thacker Street				Yes	
171	5	61	Egmore Musium				Yes	
172	5	61	Ayya swamy street				Yes	
173	5	61	Velyutham street				Yes	
174	5	61	Thiruvenkadam street				Yes	
175	5	61	Gengu reddy street				Yes	
176	5	61	Arumuthu garden				Yes	
177	5	61	Thambu reddy street				Yes	
178	5	62	Pumping station road				Yes	
179	5	63	Pillayar Kovil St				Yes	Щ
180	5	63	Velayutham street				Yes	
181	5	63	Chella Pillaiyar Koil St				Yes	
182	5	63	Goyathoppu				Yes	
183	5	63	Adhithanar salai				Yes	igsqcut
184	5	63	Cattle depot				Yes	
185	5	63	Narayana naicken street				Yes	
186	6	64	Perumdeviammal				Yes	igsqcup
187	6	64	Ashoka Avenue				Yes	
188	6	64	Sivasakthi Nagar				Yes	
189	6	66	Jawahar nagar 1st main road			Yes		

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SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
190	6	66	Kumaran Nagar 4th street			Yes		
191	6	66	Jawahara Nagar 70 feet road			Yes		
192	6	66	70 feet Road			Yes		
193	6	66	SRP Colony 8th street				Yes	
194	6	66	SRP Colony 7th street				Yes	
195	6	66	SRP Colony 11th street				Yes	
196	6	67	GKM way street 70 feet road				Yes	
197	6	65	Kasturi Bai Chetty 5th street			Yes		
198	6	76	Angalamman Koil			Yes		
199	6	78	Astapujam Road			Yes		
200	7	80	Backthavachalm Street			Yes		
201	7	80	Prakasam Salai			Yes		
202	7	82	VOC Street				Yes	
203	7	82	Patravakkam service road				Yes	
204	7	82	TNEB Colony 3rd Street				Yes	
205	7	83	NRS Road				Yes	
206	7	86	Manurpet				Yes	
207	7	86	Indra Street			Yes		
208	7	86	Ethiraj street			Yes		
209	7	90	Golden Jubliee flats			Yes		
210	8	94	North Mada Street				Yes	
211	8	94	Sidco Nagar 4th Main Road				Yes	
212	8	94	Baba Nagar			Yes		
213	8	94	North Jaganathan Nagar			Yes		
214	8	94	Valliammal Nagar			Yes		
215	8	95	Moorthy Nagar				Yes	
216	8	95	Thirumalai Nagar North				Yes	
217	8	95	Thirumalai Nagar South				Yes	
218	8	95	Thirumalai Nagar East				Yes	
219	8	98	V.P Colony				Yes	
220	8	98	Parthasarathy Street				Yes	
221	8	96	Duraiswamy Street				Yes	
222	8	96	Gandhi Nagar				Yes	
223	8	97	Chakravathi nagar				Yes	
224	8	97	Muthuamman nagar				Yes	
225	8	97	Periyar Salai				Yes	
226	8	97	P.E Koil North Mada street				Yes	
227	8	100	Radha Krishnan Nagar				Yes	
228	8	101	BoganVilla Park Inside				Yes	
229	8	102	G Block 10th Street				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
230	8	102	RV Nagar 4th Street				Yes	
231	8	102	D Block 8th Street				Yes	
232	8	102	Shenoy Nagar 4th Cross street				Yes	
233	8	104	Thideer Nagar				Yes	
234	8	105	Indira Gandhi street			Yes		
235	8	105	Water tank road			Yes		
236	8	105	Ashoka Street				Yes	
237	8	107	Gurusamy Bridge				Yes	
238	8	107	MMC School				Yes	
239	8	108	Periyar pathai				Yes	
240	8	108	Annaswamy Street				Yes	
241	8	108	NGO Colony				Yes	
242	8	108	Vinobaji Street				Yes	
243	9	110	School Road				Yes	
244	9	110	Kamdar Nagar 1st Street				Yes	
245	9	110	40 Feet Scheme Road				Yes	
246	9	111	Gopalapuram Play Ground				Yes	
247	9	112	Vellalar Street				Yes	
248	9	112	Sivan Koil Cross Street				Yes	
249	9	113	Habibullah Road				Yes	
250	9	113	Sarathy Street				Yes	
251	9	113	North Ushman Road				Yes	
252	9	113	Sivasailam Street				Yes	
253	9	114	Lock Nagar				Yes	
254	9	116	Beach Service Road				Yes	
255	9	116	Dr.Besant Road				Yes	
256	9	117	Dr.Sadasivam Road				Yes	
257	9	117	Arulambal Street				Yes	
258	9	117	Thilak Street				Yes	
259	9	117	Thilak Street Extn				Yes	
260	9	117	Rajan Street			Yes		
261	9	117	Sarangabani Street				Yes	
262	9	117	Thirumoorthi Street				Yes	
263	9	117	Lakshmi Colony				Yes	
264	9	117	Giri Road				Yes	
265	9	117	Giriappa Road				Yes	
266	9	117	Dr.Thomas Road				Yes	
267	9	117	G.N Chetty Road		Yes			
268	9	117	Sarathy Street				Yes	
269	9	117	Sivasilam Street				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet		Vulnerability Status
270	9	117	Valmiki Street				Yes	
271	9	118	Venkat Rathinam Salai				Yes	
272	9	118	Kasthuri Estate 2nd Street				Yes	
273	9	119	Saiva Muthai 6th Street				Yes	
274	9	120	Dr.Natesan Road				Yes	
275	9	121	Marina Service Road				Yes	
276	9	121	Ganesapuram Rettai Kozhai				Yes	
277	9	121	Avvai Shanmugam Salai				Yes	
278	9	122	K.B Dasan Road				Yes	
279	9	122	Seethammal Colony 4th Cross Street			Yes		
280	9	122	Seethammal Colony 3rd Cross Street			Yes		
281	9	122	Crescent Street				Yes	
282	9	122	Ganesapuram			Yes		
283	9	123	Seethammal Colony			Yes		
284	9	123	CP Ramasamy Road				Yes	
285	9	122	Chamiers Road				Yes	
286	9	123	Thiruvalluvar Street				Yes	
287	9	123	Ramalinga Eswarar Koil				Yes	
288	9	123	Nageswarao Park				Yes	
289	9	123	Rangan Lane				Yes	
290	9	124	VC Garden 1st Street				Yes	
291	9	124	VC Garden 2nd Street			Yes		
292	9	124	Rakkiyappa Street				Yes	
293	9	126	Devanathan Street				Yes	
294	9	126	Srinivasan Street				Yes	
295	9	126	Chockalingam Street				Yes	
296	9	126	Thiruvengadam Street				Yes	
297	9	126	Vinayagam Street				Yes	
298	9	126	Chandrasekaran Street				Yes	
299	9	126	Sivaraman Street				Yes	
300	9	126	Pattammal Street				Yes	
301	10	128	Krishna Nagar 3rd Street			Yes		
302	10	128	Saratha Nagar			Yes		
303	10	128	Lambert Nagar				Yes	
304	10	128	Annai sathya Nagar				Yes	
305	10	128	Vembuki amman koil st		Yes			
306	10	128	Pillayar koil st				Yes	
307	10	128	East Vaniyar St.				Yes	

			City Disa	ıster Manaç	gement Plar	n	GC	CC
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
308	10	128	Tharachand Nagar				Yes	
309	10	131	Ramaswamy Salai			Yes		
310	10	131	Raja Mannar Salai			Yes		
311	10	134	Parankusampuram				Yes	
312	10	133	Subramaniyam Street				Yes	
313	10	132	18th Avenue				Yes	
314	10	132	16th Avenue				Yes	
315	10	132	19th Avenue				Yes	
316	10	132	47th Avenue				Yes	
317	10	132	48th Avenue				Yes	
318	10	132	9th Avenue				Yes	
319	10	132	Kamaraj Salai				Yes	
320	10	132	Natesan Salai				Yes	
321	10	132	Kannappar Salai				Yes	
322	10	135	Postal Colony 4th Street				Yes	
323	10	135	Mahadevan Street				Yes	
324	10	135	Murthy Street				Yes	
325	10	135	Brindavan Street				Yes	
326	10	135	Rajaji Street				Yes	
327	10	135	Lake view road				Yes	
328	10	135	Thambaih Road				Yes	
329	10	135	Ramakrishna Puram				Yes	
330	10	135	Lakshmi Street				Yes	
331	10	135	Babu Rajendra Prasath Road				Yes	
332	10	135	Postal Colony 2nd Street				Yes	
333	10	136	Bazullah Road				Yes	
334	10	138	K.K.Nagar ESI Hospital				Yes	
335	10	139	Ragava Reddy Colony 4th St & 1st Cross St Junction				Yes	
336	10	141	Kamaraj Colony				Yes	
337	10	141	South Dhadabai St				Yes	
338	11	143	Goodwil Road Govt School				Yes	
339	11	143	Pada Salai				Yes	
340	11	143	Phase 1 Nagar 13th Cross street				Yes	
341	11	143	Gajalakshmi nagar 3rd street				Yes	
342	11	144	P.H. Road				Yes	
343	11	144	Bharathiyar Street				Yes	
344	11	144	T.N.H.B Sector II				Yes	
345	11	147	Alapakkam Main Road Near Burial Ground				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet		Vulnerability Status
346	11	147	Ganesh Nagar				Yes	
347	11	147	Valli street				Yes	
348	11	147	Chokkanathan Nagar				Yes	
349	11	148	Kamarajar High Road Thangalkarai				Yes	
350	11	148	Anbu Nagar 10th street				Yes	
351	11	149	Saravanabhavan Nagar				Yes	
352	11	152	Thiruvalluvar Salai			Yes		
353	11	152	S.V.S Annex				Yes	
354	11	152	Kadambadi Amman Koil st				Yes	
355	11	150	Arcot Road (Mahalakshmi Nagar)				Yes	
356	11	151	Arcot Road Near A1 Mutton Stall				Yes	
357	11	151	Chenna Porur Bajanai kovil street				Yes	
358	11	153	Ambal Nagar Mullai Street				Yes	
359	11	154	Kurinji Nagr				Yes	
360	11	155	Karpagambal 2nd Street				Yes	
361	11	155	Thirumalai Nagar Angel Street				Yes	
362	11	155	Royal Nagar I main Road				Yes	
363	11	155	Royal Nagar II main Road				Yes	
364	11	155	Tamil Nagar				Yes	
365	12	156	MCS Nagar				Yes	
366	12	156	Santhosh Nagar Extn.				Yes	
367	12	156	Kaveri Street				Yes	
368	12	156	Gowri street				Yes	
369	12	156	VGN Lakshimi Nagar Main Road				Yes	
370	12	156	AGR Garden				Yes	
371	12	156	Thiruvalluvar Nagar				Yes	
372	12	156	Arumugam Street				Yes	
373	12	156	VGN Royal Court			Yes		
374	12	157	Dharmarajapuram				Yes	
375	12	160	Lawyer Jaganadhan street				Yes	
376	12	160	Madhvapuram(East,West,Sout h,North)				Yes	
377	12	161	Sanjay Gandhi Nagar				Yes	
378	12	161	Jeevan Nagar 2nd Street				Yes	
379	12	162	Kannan Colony				Yes	
380	12	163	shanthi nagar 5th street				Yes	

Section Sect				City Disa	ster Manaç	gement Plar		GC	CC
382 12 164 Nanganallur 21st street Yes 383 12 165 Bharathidasan Nagar Yes 384 12 165 Vallalar Street Yes 385 12 167 East main road Yes 386 13 170 Damy nathan Street Yes 387 13 170 Dhanakotti Street Yes 388 13 171 Gandhi mandapam Road Yes 388 13 171 Gandhi mandapam Road Yes 388 13 171 Sardar Patel Road Yes 399 13 173 Sardar Patel Road Yes 399 13 173 Dharmampal Park Yes 391 13 174 Cart Track Road Yes 392 13 174 Ranganathan Street Yes 393 13 175 Dhanalakshmi Avenue Yes 394 13 175 Nehru Nagar 1st main road	SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet		Vulnerability Status
383 12 165 Bharathidasan Nagar Yes 384 12 165 Vallalar Street Yes 385 12 167 East main road Yes 386 13 170 Samy nathan Street Yes 387 13 170 Dhanakotti Street Yes 388 13 171 Gandhi mandapam Road Yes 389 13 171 Gandhi mandapam Road Yes 389 13 171 Gandhi mandapam Road Yes 390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 391 13 174 Ranganathan Street Yes 392 13 174 Ranganathan Street Yes 393 13 174 Ranganathan Street Yes 394 13 175 Nehru Nagar 1st main road Yes 395 13 175 Nehru Nagar 1st main road	381	12	163	shanthi nagar 7th street				Yes	
384 12 165 Vallalar Street Yes 385 12 167 East main road Yes 386 13 170 Samy nathan Street Yes 387 13 170 Dhanakotti Street Yes 388 13 171 Gandhi mandapam Road Yes 389 13 171 Sardar Patel Road Yes 390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 391 13 174 Cart Track Road Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 175 Dhanalakshmi Avenue Yes 395 13 175 Nehru Nagar 1st main road Yes 396 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 398 13 175 KB Nagar 3rd m	382	12	164	Nanganallur 21st street				Yes	
385 12 167 East main road Yes 386 386 13 170 Samy nathan Street Yes 387 387 13 170 Dhanakotti Street Yes 388 388 13 171 Gandhi mandapam Road Yes 389 389 13 171 Sardar Patel Road Yes 393 390 13 173 Dharmampal Park Yes 393 391 13 174 Cart Track Road Yes 393 392 13 174 Ranganathan Street Yes 393 393 13 174 Ranganathan Street Yes 393 394 13 175 Pharlakashmi Avenue Yes 393 395 13 175 Nehru Nagar 1st main road Yes 394 397 13 175 Anna Avenue Yes 394 398 13 175 KB Nagar 3rd Cross street pin of 2nd main road <t< td=""><td>383</td><td>12</td><td>165</td><td>Bharathidasan Nagar</td><td></td><td></td><td></td><td>Yes</td><td></td></t<>	383	12	165	Bharathidasan Nagar				Yes	
386 13 170 Samy nathan Street Yes 387 13 170 Dhanakotti Street Yes 388 13 171 Gandhi mandapam Road Yes 389 13 171 Sardar Patel Road Yes 390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Ranganathan Street Yes 395 13 175 Dhanalakshmi Avenue Yes 395 13 175 Nehru Nagar 1st main road Yes 397 13 175 Nehru Nagar 1st Road Yes 400 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13	384	12	165	Vallalar Street				Yes	
387 13 170 Dhanakotti Street Yes 388 13 171 Gandhi mandapam Road Yes 389 13 171 Sardar Patel Road Yes 390 13 173 Srinivasapuram Yes 390 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Ranganathan Street Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Dhanalakshmi Avenue Yes 397 13 175 Nehru Nagar 1st main road Yes 398 13 175 Anna Avenue Yes 400 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13 176 Kangar 3rd main Road Yes 400 13 176 Sastri N	385	12	167	East main road				Yes	
388 13 171 Gandhi mandapam Road Yes 389 13 171 Sardar Patel Road Yes 390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 392 13 174 Cart Track Road Yes 392 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Farameshwari nagar 2nd Yes 402 13 176 Karpaga	386	13	170	Samy nathan Street				Yes	
389 13 171 Sardar Patel Road Yes 390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Nehru Nagar 1st main road Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Sastri Nagar 1st Avenue Yes 402 13 176 Sastri Nagar 1st Iink road Yes 403 13	387	13	170	Dhanakotti Street				Yes	
390 13 173 Srinivasapuram Yes 391 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404	388	13	171	Gandhi mandapam Road				Yes	
391 13 173 Dharmampal Park Yes 392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd 3rd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes <t< td=""><td>389</td><td>13</td><td>171</td><td>Sardar Patel Road</td><td></td><td></td><td></td><td>Yes</td><td></td></t<>	389	13	171	Sardar Patel Road				Yes	
392 13 174 Cart Track Road Yes 393 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 176 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Brindhavan nagar 3rd Extn Yes 409	390	13	173	Srinivasapuram				Yes	
393 13 174 Ranganathan Street Yes 394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 400 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408	391	13	173	Dharmampal Park				Yes	
394 13 174 Five Furlong road Yes 395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 409 <td>392</td> <td>13</td> <td>174</td> <td>Cart Track Road</td> <td></td> <td></td> <td></td> <td>Yes</td> <td></td>	392	13	174	Cart Track Road				Yes	
395 13 175 Dhanalakshmi Avenue Yes 396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 401 13 176 Sastri Nagar 1st Avenue Yes 402 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Brindhavan nagar 3rd Extn Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 Nethaji Road Yes	393	13	174	Ranganathan Street				Yes	
396 13 175 Nehru Nagar 1st main road Yes 397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Karpagar Golony Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 Ambedkar nagar 2nd cross street Yes 413	394	13	174	Five Furlong road				Yes	
397 13 175 Anna Avenue Yes 398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 Ambedkar nagar Yes 411 13 177 Bhashiyam Layout Yes 413 13 <	395	13	175	Dhanalakshmi Avenue				Yes	
398 13 175 KB Nagar 3rd Cross street jn of 2nd main road Yes 399 13 175 KB Nagar 3rd main Road Yes 400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 Bhashiyam Layout Yes 413 13 177 Bhashiyam Layout Yes 413 13 178 Kalki Nagar Yes 415 13	396	13	175	Nehru Nagar 1st main road				Yes	
13	397	13	175	Anna Avenue				Yes	
400 13 175 Dr Muthulakshmi Salai Yes 401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 INHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 <td>398</td> <td>13</td> <td>175</td> <td></td> <td></td> <td></td> <td></td> <td>Yes</td> <td></td>	398	13	175					Yes	
401 13 176 Parameshwari nagar 2nd Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 Bhashiyam Layout Yes 412 13 177 Wenkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	399	13	175	KB Nagar 3rd main Road				Yes	
401 13 176 Street Yes 402 13 176 Sastri Nagar 1st Avenue Yes 403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 ACS Colony Yes	400	13	175	Dr Muthulakshmi Salai				Yes	
403 13 176 Karpagam Garden 1st link road Yes 404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	401	13	176					Yes	
404 13 176 Karpagam Garden 2nd link road Yes 405 13 177 Lakshmi Nagar 3rd Cross St Yes 406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	402	13	176	Sastri Nagar 1st Avenue				Yes	
404 13 176 road Yes 178 405 13 177 Lakshmi Nagar 3rd Cross St Yes 178 406 13 177 Srinagar Colony Yes 178 407 13 177 Brindhavan nagar 3rd Extn Yes 178 408 13 177 TNHB 3rd Avenue Yes 178 409 13 177 Nethaji Road Yes 178 410 13 177 Ambedkar nagar Yes 178 411 13 177 AGS Colony Yes 178 412 13 177 Bhashiyam Layout Yes 178 413 13 177 Venkateshwara Nagar 2nd cross street Yes 178 414 13 178 Kalki Nagar Yes 178 415 13 178 Srinivasapuram Yes 178 416 13 178 ACS Colony Yes 178	403	13	176	Karpagam Garden 1st link road				Yes	
406 13 177 Srinagar Colony Yes 407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	404	13	176					Yes	
407 13 177 Brindhavan nagar 3rd Extn Yes 408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	405	13	177	Lakshmi Nagar 3rd Cross St		Yes			
408 13 177 TNHB 3rd Avenue Yes 409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	406	13	177	Srinagar Colony				Yes	
409 13 177 Nethaji Road Yes 410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	407	13	177	Brindhavan nagar 3rd Extn				Yes	
410 13 177 Ambedkar nagar Yes 411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	408	13	177	TNHB 3rd Avenue				Yes	
411 13 177 AGS Colony Yes 412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	409	13	177	Nethaji Road				Yes	
412 13 177 Bhashiyam Layout Yes 413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	410	13	177	Ambedkar nagar				Yes	
413 13 177 Venkateshwara Nagar 2nd cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	411	13	177	AGS Colony				Yes	
413 13 177 cross street Yes 414 13 178 Kalki Nagar Yes 415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	412	13	177	Bhashiyam Layout				Yes	
415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	413	13	177					Yes	
415 13 178 Srinivasapuram Yes 416 13 178 ACS Colony Yes	414	13	178	Kalki Nagar		Yes			
416 13 178 ACS Colony Yes	415	13	178				Yes		
	416	13	178				Yes		
	417	13	178	Orandiamman Avenue		Yes			

City Disaster Management Plar			G
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SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
418	13	179	Dhandeeshwaram 7th main road				Yes	
419	13	179	Udayam Nagar				Yes	
420	13	180	Anjukammal street		Yes			
421	13	180	Ramasamy Street		Yes			
422	13	180	Kennedy Street		Yes			
423	13	180	Raniammal Street		Yes			
424	13	181	Arundal Beach				Yes	
425	13	181	Kalachetra main road				Yes	
426	13	181	Valmiki Street				Yes	
427	13	181	East Kamarajar 2nd St				Yes	
428	13	181	East Kamarajar 3rd St				Yes	
429	13	181	Dr.Radhakrishinan road				Yes	
430	13	182	Kannapper Nagar				Yes	
431	13	182	Kamarajar Nagar				Yes	
432	13	182	Journalist Colony				Yes	
433	13	182	Ganesh Nagar				Yes	
434	14	168	Epr Nagar				Yes	
435	14	168	Thilagar street				Yes	
436	14	168	Lakshmi Nagar 5th Street				Yes	
437	14	168	Sai ram street				Yes	
438	14	169	Ram nagar 1st to 8th Street			Yes		
439	14	169	Ram nagar 11th street				Yes	
440	14	169	Maheshwari Avenue				Yes	
441	14	169	Jaya Nagar				Yes	
442	14	169	Sundarrajan Salai				Yes	
443	14	169	Arivoli street				Yes	
444	14	169	Sivasubramaniyam Salai				Yes	
445	14	169	Annaitheresa Nagar				Yes	
446	14	169	Vallal Athiyaman Street				Yes	
447	14	169	Vallal Kari Street				Yes	
448	14	169	Vallal Pari Street				Yes	
449	14	169	J K Salai				Yes	
450	14	169	Brindhavan Salai				Yes	
451	14	169	Sadhasivam Nagar				Yes	
452	14	169	Thirunana Sambandhar Street				Yes	
453	14	169	Sivaprakasam nagar				Yes	
454	14	183	Lakshmana Perumal 4th street		Yes			
455	14	183	Lakshmana Perumal 5th street		Yes			
456	14	183	Judges colony				Yes	
457	14	183	Baywatch road			Yes		

			City Disaster Management Plan			GCC		
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
458	14	183	Nehru nagar 10th, 12th & 14th Street		Yes			
459	14	183	Jaganathan Street Yes					
460	14	183	Kaveri Nagar 5th Street	Kaveri Nagar 5th Street		Yes		
461	14	183	Kaveri Nagar 6th Street				Yes	
462	14	183	Kaveri Nagar Main Road				Yes	
463	14	184	Ramappa nagar				Yes	
464	14	184	Telephone nagar 11th street				Yes	
465	14	185	Jayshankar Nagar				Yes	
466	14	185	Kandasamy Nagar 4th St				Yes	
467	14	185	Govindhan Nagar				Yes	
468	14	185	Palkalai Nagar				Yes	
469	14	185	Mayana Salai				Yes	
470	14	185	VGP 2nd cross street	VGP 2nd cross street		Yes		
471	14	185	Boss Avenue		Yes			
472	14	185	Kandhasamy Nagar 7th street		Yes			
473	14	185	Anna Salai 2nd cross street			Yes		
474	14	186	Senthil Nagar				Yes	
475	14	186	Rathna mani nagar				Yes	
476	14	186	Kamaraj nagar				Yes	
477	14	186	Kumaran Nagar				Yes	
478	14	186	Maruthi Nagar Main Road				Yes	
479	14	187	Karthikeyapuram 12th street				Yes	
480	14	187	Karthikeyapuram 7th street				Yes	
481	14	188	Anna Nagar west 7th street				Yes	
482	14	188	Anna Nagar west 8th street				Yes	
483	14	188	Thirumurugan street				Yes	
484	14	188	Ram nagar 6th main road				Yes	
485	14	188	Ram nagar 5th & 7th Street				Yes	
486	14	188	Arumugam Nagar				Yes	
487	14	188	Kuberan Nagar 8th & 9th Street			Yes		
488	14	188	Kuberan Nagar 11th Street			Yes		
489	14	188	Kamarajar Street				Yes	
490	14	188	Krishnaveni Ammal Nagar				Yes	
491	14	188	Sadhasivam Nagar 3rd Main Road				Yes	
492	14	188	Sadhasivam Nagar 3rd Cross Street				Yes	
493	14	188	Mahalakshmi nagar main road				Yes	
494	14	188	Mylai kabaleeswarar nagar 2nd street				Yes	

	City Disaster Management Plan GCC							
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
495	14	188	Veeramani street				Yes	
496	14	188	Perumal Street				Yes	
497	14	189	Sathyamurthy Colony				Yes	
498	14	189	Meenachipuram 1st street				Yes	
499	14	189	Vimala Nagar				Yes	
500	14	189	Varadharajan Nagar				Yes	
501	14	189	Sengazhani amman koil street	ļ		Yes		1
502	14	190	Chettinadu Enclave			Yes		
503	14	190	Chittibabu 4th Cross Street				Yes	
504	14	190	Chittibabu 8th Cross Street	ļ			Yes	
505 506	14	190 190	Veerasamy Nagar Sree Nagar				Yes Yes	
507	14	190					Yes	
508	14	190	Pandiyan Nagar	Pasumpon Nagar			Yes	
509	14	190	Sai Balaji Nagar				Yes	
510	14	191	Jaladan Pettai 3rd main road				Yes	
511	14	191	Jayachandran nagar 3rd main road				Yes	
512	14	191	Jaganathapuram main road				Yes	
513	15	192	CLRI 3rd Cross street			Yes		
514	15	192	CLRI 2nd Main road				Yes	
515	15	192	Ruby complex				Yes	
516	15	192	Kabaleeshwarar Nagar 5th Cross street				Yes	
517	15	192	Chinna Neelangarai Kuppam				Yes	
518	15	192	Madha Kovil street				Yes	
519	15	193	MCN Nagar				Yes	
520	15	193	Sri Sai Nagar				Yes	
521	15	193	Ellaimman Nagar				Yes	
522	15	194	Raju Nagar 1st Street				Yes	
523	15	194	Raju Nagar 2nd Street	-			Yes	
524 525	15 15	194 194	Srividhya Avenue Eswaran Street				Yes	
525	15	194	Kannagi Nagar 19th Cross	-			Yes	
526	15	195	street				Yes	
527	15	196	Barathi Avenue				Yes	
528	15	196	Ashok Street Bharat Avenue				Yes	
529	15	196	Royal Enclave				Yes	
530	15	196	Anna Eclave	-			Yes	
531	15	196	Vettuvankeni 2nd Avenue, 2nd Main Road				Yes	

SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
532	15	196	ISCKON Temple			Yes		
533	15	196	Hanuman Colony				Yes	
534	15	196	Raja Nagar 1st Cross Street				Yes	
535	15	196	Royal Enclave Extension				Yes	
536	15	196	Vettuvankeni 2nd Avenue, 7th street				Yes	
537	15	197	Ganesh Nagar				Yes	
538	15	197	Annai Fathima Child Welfare				Yes	
539	15	197	Karapakkam Service Road				Yes	
540	15	197	DevaraJ Nagar				Yes	
541	15	198	Semmozhi Nagar			Yes		
542	15	198	Copper Beach		Yes			
543	15	198	Village High Road		Yes			
544	15	198	Sea Cliff High Road Yes					
545	15	198	Seashell Avenue	Seashell Avenue Yes				
546	15	199	MG Jeevarathinam Street				Yes	
547	15	199	Mazhavarayar Street				Yes	
548	15	199	Neelathirai Street				Yes	
549	15	199	Rajaji Street				Yes	
550	15	199	vallalar Street				Yes	
551	15	199	Karlmark Street				Yes	
552	15	199	Juhu Beach Road				Yes	
553	15	199	Gangai Amman Colony				Yes	
554	15	199	MGR St				Yes	
555	15	199	VGP 1st, 2nd, 3rd Main Road				Yes	
556	15	199	D.P. Rajan Road				Yes	
557	15	199	VGP Gandhi Street				Yes	
558	15	199	Nainar Kuppam				Yes	
559	15	200	Ezhil Mugha Nagar				Yes	
560	15	200	Jawahar Nagar				Yes	
561	15	200	Nookamplalayam Link Road, TSUNAMI Nagar				Yes	

NORTH EAST MONSOON-2022

Inundation Location During Monsoon - 2022

SI. No	Zone	Very high vulnerability Above 5 feet	High vulnerability 3 to 5 feet	Medium vulnerability 2 to 3 feet	Low vulnerability Less than 2 feet	TOTAL
1	I	-			1	1
2	II	-	1	4	1	6
3	VI	-		2		2
4	VII	-		1	15	16
5	VIII	-		1	9	10
6	XV	-			2	2
Т	otal	-	1	8	28	37

City Disaster Management Plan GCC

	Depth of Inundation During Monsoon -2021								
SI.No	Zone	Ward	Location	Location Very High Vulnerability Above 5 feet High Vulnerability 3 to 5 feet Medium Vulnerability 2 to 3 feet		Low Vulner- ability less than 2 feet	Vulnerability Status		
1	1	4	Jothi nagar 10th Street	Jothi nagar 10th Street		Yes			
2	7	80	Vairakulam street	Vairakulam street		Yes			
3	7	80	Thirumalai priya nagar 16th street	-	1		Yes		
4	7	83	Highways nagar	-	-		Yes		
5	7	83	Ganesh Nagar	-	ı		Yes		
6	7	84	North Avenue Road	-	ı		Yes		
7	7	84	TNHB 61st Street	1	1		Yes		
8	7	84	Periyar Nagar	-	1		Yes		
9	7	84	Central Avenue Road	1	1		Yes		
10	7	84	TNHB 26st Street	-	-		Yes		
11	7	84	Bajanaikovil Street Pattaravak- kam	-	-		Yes		
12	7	84	Duraisam street	-	-		Yes		
13	7	85	Pattravakkam Road	1	1		Yes		
14	7	88	Kurinji Street	-	-		Yes		
15	7	90	Chennai Flats, Padikuppam Road	-	-		Yes		
16	8	94	North Jeganathan Nagar	-	-		Yes		
17	8	94	North Jeganathan Nagar Annex	-	ı		Yes		
18	8	97	Bharathi Nagar	-	ı		Yes		
19	8	98	V P Colony	1	1		Yes		
20	8	98	Police Manickkam Street	-	-		Yes		
21	8	98	Parthasarthy Street	-	-		Yes		
22	15	194	Royal Enclave	-	-		Yes		

	City Disaster Management Plan GCC							CC
SI.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner- ability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulner- ability less than 2 feet	Vulnerability Status
23	15	194	Classic Enclave			Yes		
24	2	19	Kamarajar Nagar, Chinnasamy Nagar	-	-		Yes	
25	7	82	KAILASAM STREET	-	-		Yes	
26	7	82	BALAVINAYAGAR STREET	-	-		Yes	
27	8	97	Periyar Salai	-	-	Yes		
28	8	97	Battachari Street	-	-	Yes		
29	2	15	Edayanchavadi 1st cross street	-	-	Yes		
30	2	18	Kalaignar Nagar	-	-	Yes		
31	2	18	Harikrishnapuram Amman Nagar	-	-	Yes		
32	2	19	Kavithendral Kalyana Sundaram Nagar (Vacant Land)	-	-	Yes		
33	6	65	Sivasakthi nagar	-	-	Yes		
34	6	73	Stephenson Road	-	-	Yes		
35	7	82	PILLAIYAR KOIL 1ST STREET	-	-	Yes		
36	8	97	Muthamman Nagar	-	-	Yes		
37	2	19	Balasubramani Nagar	-	Yes	-		

INUNDATION LOCATIONS 2023 -North East Monsoon

SI.NO	ZONE	Division	h East Monsoon LOCATIONS
1	1	7	Vetri vinayagar nagar
2	1	7	Kargil nagar
3	2	15	Edyanchawadi
4	2	15	Old Napalayam new colony
5	3	25	CMDA Truck Terminal
6	3	30	Elizabeth Nagar
7	4	35	Muthamizh Nagar
8	4	40	AE Koil St
9	4	37	MKB Nagar
10	5	53	Bojaraja Nagar
11	5	57	Chinna Thambi Street
12	6	66	Thanikachalam nagar
13	6	68	70feet road
14	6	77	Market Street
15	6	76	Angalamman Koil Street
16	9	119	Musuri Subramaniyam Salai
17	9	119	Muthahaiya Garden street
18	9	121	PS Sivasamy Salai
19	10	129	Kumaran Colony
20	11	143	Pada Salai Street
21	11	145	Thangal Karai
23	11	152	Ambathkar Nagar
24	11	151	Porur Junction
25	11	155	Thiruvalluvar Salai
26	11	150	Thundalam Tiva Nagar
26	12	156	Sindhu Salai
27	12	156	VGN Lakshmi Nagar
28	12	157	CRR Puram
29	13	175	City Link Road
30	13	175	TNHB 3 rd Avenue
31	13	176	Eb Colony
32	14	181	Swaminathan Nagar
33	14	182	Maruthi Nagar
34	15	193	Pandiyan Nagar
35	15	199	Classic Farm

4.2.1 Scene During Flood 2015

All the residential areas including encroached areas along with water bodies were totally marooned for more than 10 days.

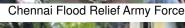
280 boats and choppers were used for rescuing people and supplied relief materials to the low lying areas such as Kargil Nagar, Manali, Madhavaram, Villivakkam, Kolathur, Tondiarpet, Mambalam, K.K.Nagar, Jafferkhanpet, Ashok Pillar, Ekkatuthangal, Guindy Industrial Estate, Defence colony, Ramapuram, Sri Nagar colony, Saidapet, Valasaravakkam, Manapakkam, Kotturpuram, Madhya kailash, Velachery, Pallikaranai, Thiruvanmiyur, Neelangarai, Perungudi, Madipakkam, Ram Nagar, Karapakkam, Sholinganallur, etc.,

Some of the areas were also experienced road "CAVE-INS" at Sardar Patel Road near Madhya Kailash, P.S.Sivasamy Salai, T.T.K Road, Rajaji Salai, VIth Avenue in Anna Nagar, Anna Salai in Teynampet, Dr. Nair Road in T. Nagar, Devanathan Road in Mylapore.





Velachery flooded area





Pump set deployed in subways



Residences shifted through Boats



Fire Service vehicle

Medicine Distribution

The mobile communication network was down/off in various parts of Chennai. Major inter city and inter state roads were cutoff during flood and severely affected the public movement. The city was totally cut off from other cities due to disconnection of roads, city was severely affected and the supply of basic commodities like vegetables, milk and bread etc., were stopped. The train services were stopped and the operation of airport was closed was more than a week. Due to failure of continuous power supply in Chennai city, it was difficult to rescue the people at night time.

4.2.1.1 Government Response

Due to the severity of rain and excess flow of water in the rivers and canals, the Government has appointed 15 senior level IAS officers as Monitoring Officers one for each zone. These officers headed relief and rehabilitation works in each zone in a planned and systematic manner. The involvement of these officers was very effective because they have co-ordinated with various head of departments for speedy execution of relief works.

4.2.1.2 Mitigation

Flood water was cleared by using 470 Pumpsets, 82 JCB and Poclains, 49 Fire Service machines and 75 super suckers of CMWSSB.In addition 6 heavy duty pumps having capacity of 250 HP each were supplied by Confederation of Indian Industry (CII), New Delhi and 4 from Neyveli Lignite Corporation Ltd. (NLC) were used in heavily inundated areas. In flooded/marooned areas 280 boats and choppers were used for rescuing people and supplying relief materials to the low lying areas.







About 176 relief centres were opened in Chennai city by GCC and more than 1.2 lakhs individuals were sheltered in these relief centres for more than 20 days. Necessary relief materials like mat, bed sheets and food materials were supplied promptly. In addition to this, donors and NGO's themselves distributed food and relief materials to the affected people in pockets. Apart from inhouse kitchens in some relief centers, food was also prepared and distributed from Amma Canteen and from all four common kitchens of Greater Chennai Corporation.





Sheltered in relief center

Distribution of food

4.2.1.3 Centralised Relief Material Center

A centralised Relief Material Distribution Center for Chennai, Thiruvallur, Kanchepuram and Cudalore was opened at Jawaharlal Nehru Indoor Stadium for prompt and speedy distribution of relief materials to flood affected people.

The relief materials were received from the Districts Collectors, Co-operative Societies, Aavin, MTC and Southern Railways, Indian Navy, various Public Sector Undertakings, Indian Military, NDRF, NSS and NGOs includes 1,99,244 General food packets, 32,992 Mats, 2,07,433 Bed sheets, 12,500 liters of Milk, 54,448 Water Bottles, 2,122 Rice Bags, 10,390 Dress Material Packs, 3,004 Medicine Boxes and 2,38,568 liter of water totalling 1577.65 tonnes over a period of 15 days.









More than 250 MT of bleaching powder for sanitation of the flood affected areas was received from Government and NGO's. Supply of bleaching powder was very much useful to clean the sumps, over head tanks etc., to control infections and diseases out break. The NGO's and volunteers have not only contributed for door to door distribution of relief materials but also for applying bleaching powder in the flood affected areas. The services of residential welfare associations were also fully utilised to spread the bleaching powder in their areas.

All these relief materials were sorted out and packed for each families at Nehru Indoor Stadium by the volunteers. These sorted materials were taken to the affected areas and distributed door to door. This was done with the help of NGO's, volunteers, GCC staff, Police, Army, NDRF, SDRF, Homeguards, NCC and NSS. The distribution of relief materials including perishable items like fruits and vegetables were distibuted to victims without delay and wastages are to be appreciated.

4.2.1.4 Distribution of relief materials and role of NGOs / Volunteers

Previous day the GCC was informed to be ready to receive and distribution of huge quantity of relief materials from various agencies. GCC's entire team was already preoccupied in doing relief works in the field. So we have decided to appeal to NGO's and volunteers to assist GCC for disbursing relief materials. Over night we have sent message through various social medias, radio channels for NGO's and volunteers services.



It was surprise to see more than 1,000 volunteer/NGO's turned out on the next day at Nehru Indoor Stadium. It is very interesting to mention some foreigners, school children and families with the kids were whole heartedly participated in the operation. Many of them took much risk to travel to Nehru Stadium with restricted road accessibility. Initially we had problem to arrange food for volunteers. In the first two days they managed with biscuits., snacks came along with relief materials. Later GCC was able to arrange food for them. Nearly around 4,000 volunteers and NGO's turned up and played key role for smooth distribution of relief materials at door step. After flood relief work GCC has sent appreciation letter to all the Volunteers/NGO's through e-mail.

4.2.1.5 Clearing of Garbage

Greater Chennai Corporation owns 115 HMV Lorries, 122 LMV Lorries, 15 HMV Tipper, 29 LMV Tipper, 21 Front end loaders for Garbage removal and 80 HMV lorries, 45 Bobcats for debris removal, for clearing the city. GCC's average

daily collection of garbage is between 4,500 MT and 5,000 MT.

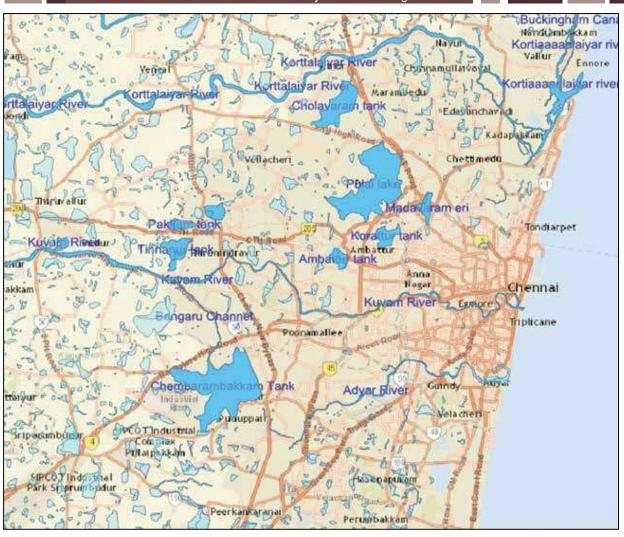
The biggest challenge to GCC after receding flood water was to remove the garbage with sludges from the roads and streets. And every day the residents were throwing huge quantity of damaged house hold articles/debris on roads/streets. The GCC could not handle the situation with its own conservancy labours due to less strength and continuous restless work. To come out of the situation 16,111 sanitary workers and labours with 675 lorries and 100 JCB were mobilized from other local bodies. Necessary safety gears like gumboots, masks, gloves, raincoats were given to all the sanitary workers. GCC has arranged accommodation and food for sanitary workers who have come from outside city.

The entire team along with 2,500 labours of GCC were deployed for cleaning the debris throughout the city on war foot manner. It is worth to mention that between 7.12.2015 and 2.01.2016 GCC has cleared 2.2 Lakhs MT of garbage/debris at 8,148 MT per day.

4.2.2 Causes of Flood

Chennai is the only drainage basin for all the water bodies located in 2 adjoining districts around Chennai. Over the years, the water bodies have shrunk due to various reasons in Chennai Metropolitan Areas. Furthermore, rapid urbanization and industrialization has led to large scale encroachment in the water bodies.

The old map of 1909 which shows the locations of several water bodies, comparing this with recent map is a clear evident that many water bodies have shrunk and several have completely disappeared.



The City of Chennai in 1981.

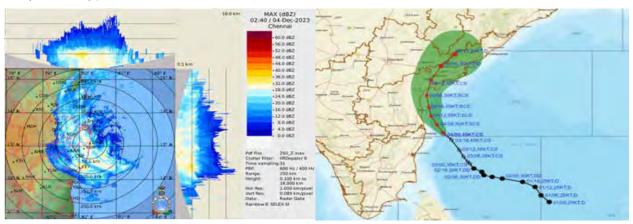
Chennai has experienced many floods during the last three decades. The reasons for flood in the city shall be narrowed down as follows

- 1. Plain terrain of Chennai with an average altitude of 7m height.
- 2. Sand bar formation at the mouths of rivers, which slow down the discharge rate.
- 3. Clogging of the drains due to indiscriminate dumping of solid waste and construction debris.
- 4. Inadequate design capacity of Stormwater drain in Highways and other roads.
- 5. Lack of continuous connectivity of Stormwater drainages with macro drainage and absence of Stormwater drain network in added areas.
- 6. Encroachments.
- 7. Influence of high and low tide.
- 8. Flow of excess surplus water than the designed carrying capacity into minor water bodies through the tanks in upstream.
- 9. Construction of less number of cross culverts/vents with inadequate sizes wherever the road is passing across the water flow.

4.3 "MICHAUNG" CYCLONE IN 2023

The cyclonic storm MICHAUNG over Bay of Bengal moved very close to Chennai before Landing Andhra Pradesh Coast caused continuous rainfall for 24 hrs with wind speed of about 80kmph. In Chennai City experienced extremely heavy rainfall.

In Perungudi, Velachery, Shozinganallur, Kodambakkam, Valasaravakkam, Thiru.vi.kaNagar recorded historically highest rainfall. (78 cm, 47cm etc., respectively)



4.3.1 Scene during Flood



5.0 EARTHQUAKES AND TSUNAMIS

Chennai City has its boundaries facing the Bay of Bengal thereby susceptible to various natural disturbances like floods, cyclone, sea surge, and tsunami, among others. The city has also been classified as moderately susceptible to earthquakes.

Chennai is not seismically as active as compared with the northern and western parts of the country. Small to moderate earthquakes have occurred in the state of Tamil Nadu. The frequency of earthquakes is low i.e. the gap between moderate sized events is fairly long and therefore, this plan concentrates more on floods and cyclones.

However, an earthquake in the Indian Ocean occurred on 26 December 2004 with the epicentre off the west coast of Sumatra, Indonesia. The shock had a moment magnitude of 9.1–9.3 and a maximum Mercalli intensity. The undersea megathrust earthquake was caused when the Indian Plate was subducted by the Burma Plate and triggered a series of devastating tsunami waves along the coasts bordering the Indian Ocean. Inundated coastal communities with waves up to 30 metres (100 ft) high affected 25 kuppams in 4 coastal revenue villages affected 73,000 people, 30,000 people evacuated, 206 human loss, 9 injured and damaged 17,000 houses and other properties in Chennai city.

5.1 Earthquake

Earthquake is a sudden and violent shaking of ground causing great destruction as a result of movement of earth's crust. An earthquake has the potential to tsunami or volcanic eruption.

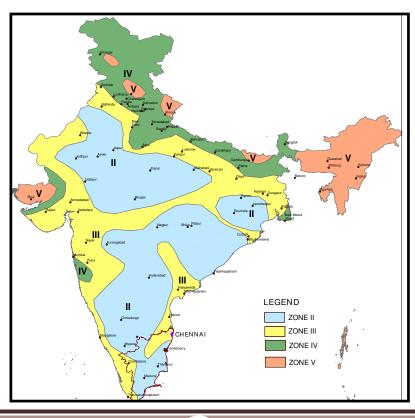
Chennai has not witnessed a serious earthquake so far although Chennai lies in high-risk seismic zone III as per Bureau of Indian Standards 1893 criteria for earthquake resistant design of structures IS 1893 (Part 1):2002. The biggest earth quake 5.2 magnitude earthquake has occurred 15 years ago at 14:56 September 25, 2001 UTC with Epicenter at 11.956, 80.214 at 39.2 km from Marakkanam (24.2 miles) with close proximity to Chennai and 4.6 magnitude earthquake has occurred 29 years ago at 18:15 December 03, 1987 UTC with Epicenter at 15.525, 80.246 21.2 km from Ongole (13.2 miles). Mild tremors were felt in some part of the cities in 2012, 2015.

The probability of an earthquake can be roughly estimated, there is no

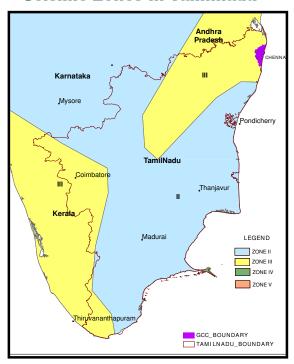
accepted method at present to predict the time and intensity of earthquake. The following table illustrates the maximum intensity expected in different seismic zones and probable impact.

Seismic zone	Magnitude	Probable max. intensity	Probable Impact		
II	Below 4.5	VI	Felt by all many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight		
III	4.5 - 5.5	VII	Damage negligible in buildings of good design and Construction; slight to moderate in well built ordinary structures; Considerable damage in poorly built or badly designed structures; same chimneys broken.		
IV	5.5 - 6	VIII	Damage slight in specially designed structures; Considerable damage in ordinary substantial building with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stocks, columns monuments, walls, Heavy furniture overturned		
V	6 or Higher	IX or Higher	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial building, with partial collapse. Buildings shifted off foundations.		
	Maximum intensity Expected in Different seismic Zones				

Seismic Zones in India



Seismic Zones in Tamilnadu



5.1.1 Impact of Earthquake

Earthquakes results in primary, secondary and tertiary impacts.

Primary impacts include surface vibration, surface rupture and displacement along the fault plane, total or partial damage and collapse of buildings, dams, tunnels, pipelines and other rigid structures.

Secondary impacts of earthquake include liquefaction, landslides, fire, tsunami and floods, regional subsidence or emergence of landmass, change in course of river, changes in ground water level, etc. Most of the deaths by earthquake are caused mainly due to building collapse, falling debris, broken glass panes. Earthquakes also lead to minor and severe injuries, loss of limbs, etc. Apart from these, earthquake impacts routine services due to the damage caused to lifeline buildings, roads, railway tracks, bridges, highways, disruption of traffic, large amount of debris, disruption of water supply and electricity, etc.

Tertiary impact of earthquake includes Post Trauma Stress Disorder (PTSD), long term psychological issues, loss of livelihood, disruption of social capital due to relocation related issues, etc.

5.1.2 Earthquake Mitigation Strategies

- Existing critical facilities built on reclaimed land should be inspected and retrofitted if necessary to ensure earthquake resistance.
- Future critical facilities should not be located on reclaimed land because of the high potential for liquefaction.

- Older unreinforced masonry buildings should be inspected and retrofitted if necessary to increase earthquake resistance.
- Older unreinforced masonry buildings should not be used for critical functions.
- Ensuring all the Government building & GCC buildings are constructed as per IS 1893(Part 1): 2002.
- Motivating public to construct building as per IS 1893(Part 1): 2002.

5.1.3 Earthquake preparedness measures

- Organise camps in school, colleges and public for awareness of do-s and do n'ts for earthquakes.
- Ensure preparation of disaster management plans and first aid kits in all schools, colleges and all offices.
- ldentify safe schools and colleges which can be used as relief shelters for short duration of time in aftermath of any earthquake.
- Ensure that all critical life saving equipment are maintained and ready to use.
- Ensure that open and safe places in the corporation area, vacant land like roads, parks & play grounds for mass evacuation are identified.
- Ensure that safe buildings in the corporation area are identified for purpose of relief camps in post disaster.
- Develop plan for hospital preparedness and mass casualty management.
- Prepare a database of registered private hospitals, clinics, diagnostic labs, blood banks, etc. along with their capacities and facilities provided.
- Ensure availability of adequate supply of life saving equipments and drugs, portable supplies like portable oxygen cylinders, portable x-ray machines, triage tags, etc.
- Prepare for quick deployment of rescue teams including volunteers for providing safety to affected population and evacuated structures/ houses.

5.1.4 Assembly Points

Open and safe places in the corporation for mass evacuation during disaster are identified as vacant land like parks, playgrounds and roads. The location of parks is mentioned in each zone shall be utilized as buffer zone during disasters and the list of playgrounds which will also serve as assembly points during earth quake is given below.

		C
Zo ne	Ward	Name/Location of Play Ground
1	10	Poonthottam School play ground
2	15	Manali New Town, Eday- anchavadi Chennai Primary School
2	16	Manali TNHB Phase - 2, Sadayankuppam
2	16	Burma Nagar
2	17	Kathakuzhi Near Perumal Koil Street
2	17	Chettimedu
2	19	Chinna samy Nagar, Periya mathur
2	19	MMDA 4th Main Cross Street
2	20	Periya thoppu
2	21	Ambedkar Playground
3	27	ASSISI Nagar 10th Street
3	28	Krishna Nagar Play Ground, Periyasekkadu
3	29	Chandramman Koil Street, Chinnasekkadu
3	30	Thiruvalluvar 2nd St
3	23	Thanthai Sivaraj Foot Ball Ground EMS Street
4	36	Sharma Nagar 9th street
4	36	Sharma Nagar Ist main road
4	36	16 th West Cross Street MKB Nagar
4	36	18th West Cross street MKB nagar
4	36	Vasugi nagar
4	37	3 rd Crsoss street, MKB nagr
4	37	4th Cross Street, MKB Nagar
4	37	Central Avenue road
4	37	East avenue road
4	37	18th Central cross street
4	37	KKD Nagar7th Block
4	37	Srinivasan Street
4	37	SM nagar
4	40	Chelliamman Koil Street
4	46	Kalyanapuram Ground

Zo ne	Ward	Name/Location of Play Ground
4	46	Sathyamoorthy naagr main road
4	48	Kanni Koil street
•		Cementry Road Near Metro
5	52	Water Office Area-5
5	52	OSH Road, Royapuram, Near Stanly Hospital
5	55	Barracks 1 st Lane Near Stanly Hospital
5	58	Thirunarayanaguru salai
5	61	Vengu street
5	61	Sami (R) Puram - Ran- gachari park
6	64	V.V Nagar
6	64	TNHB Play Ground
6	66	Ram Nagar 2nd Main Road
6	66	Jawahar Nagar 2nd Circular Road
6	66	Jawahar Nagar 2nd Cross Street
6	67	Rangasayee Street
6	67	Parthasarathy Play Ground
6	67	Loco Scheme 2nd Street
6	68	Thiru-Vi-Ka Nagar
6	68	Madurai Samy Madam
6	72	Kannigapuram
6	72	VOC Nagar
6	72	Kasthuri Bai Colony
6	74	Barackka Road
6	74	AK Samy Nagar 1st Street
6	74	Reddy Colony
6	74	SVM Nagar
6	76	KM Garden 1st Street
6	77	Sundarapuram
6	77	Old Slaughter House
7	84	Korattur TNHB 2nd street
7	89	Officers colony main Road, Anna nagar West extension
7	91	Mogapair Eri Scheme 1st main road , Ambedkar nagar
8	94	North Jaganathan Nagar 3rd Street

		C
Zo ne	Ward	Name/Location of Play Ground
8	94	Rajamangalam 2nd Main Road Chennai Primary School
8	94	Redhills Road 4th Street Chennai Primary School
8	94	Baba Nagar 3rd Cross Street
8	95	I-Block 7th Street, Vallalar Kudiyuruppu
8	95	I-Block 28th Street, Kambar Kudiyuruppu
8	95	I-Block 18th Street, Thiru- valuvar Kudiyuruppu
8	95	I-Block, 34th Street, Iswarya Colony
8	95	Mullai Nagar 6th street
8	95	Vasantham Colony Ist Street
8	95	Vasantham Colony 2nd Street
8	95	Agathiyar Nagar N-Block 3rd Street
8	95	Agathiyar Nagar O-Block 9th Street
8	95	Agthiyar Nagar O-Block 12th Street
8	95	Thirumangalam Road, Pusphanjali Appartments
8	95	Thendral Colony 2nd Street
8	96	K.K. Nagar 10th Street
8	97	Solai Street
8	97	Vellala Street
8	97	Pachaikal veeraswamy Street
8	98	Dr. Ambetkar 2nd Street
8	98	Solai Amman Koil Street
8	98	Aspiran Garden 1st Street
8	98	Lockma Nagar Main Street Chennai Primary School
8	99	J-Block 10th Street
8	99	H-Block 14th Street
8	99	H-Block 16th Street, Brinley Garden
8	99	A.FBlock Ist Street

Zo ne	Ward	Name/Location of Play Ground
8	99	N.V.N. Nagar 6th street Junction of 8th Street
8	99	N.V.N. Nagar 14th street
8	99	Temple Colony 15th Main Road
8	99	Kathiravan Colony Main road
8	99	Appu Colony, Ponni Colony Main Road
8	99	Thiriveni Flat Belli Area
8	99	Sangam Apartments Belly Area
8	99	G-Block 2nd Street, Forest Department
8	100	AE-Block Play Ground
8	100	AL-Block Play Ground 3rd & 4th Street
8	100	7th Main Road Near Foot bridge at HIG Flats
8	101	VI Cross Street
8	101	Cresent Play Ground
8	101	N-Block 24th Street
8	101	O-Block
8	101	K-Block Tennis Court
8	102	L-Block
8	102	1st Cross Street, East
8	102	Shenoy Nagar Park and Play Ground
8	102	Big Street Childrens Play Ground
8	102	Canal Road Children Play Ground
8	102	V.S.Puram
8	105	E-Block, M.M.D.A.Colony, Arumbakkam
8	105	D-Block, M.M.D.A.Colony, Arumbakkam
8	105	Kalki Nagar Main Road, Arumbakkam
8	106	Rajaram Metha Nagar
8	106	Collectrate Colony Main Road
8	107	Mayor Sathyamurthy Salai

Zo ne	Ward	Name/Location of Play Ground
8	107	Mayor Ramanathan Salai
8	107	Brindavanam 1st Street
8	108	R-Block, Elango Street, M.M.D.A.Colony, Arumbak- kam
8	108	P-Block MMDA Colony, Arumbakkam
9	109	Gil Nagar
9	110	Lake area IV cross street, Nungambakkam Village
9	111	Conron Smith Road, Go- palapuram Play Ground
9	111	Greams Road
9	111	Model School Road, 1000 light Play ground
9	112	Varadarajanpet Main Road
9	112	Ganga nagar
9	112	Puliyur 1st Main Road
9	112	Trustpuram 10th Cross Street
9	115	Mirza Hyder Ali Khan Street, Childrens Play Ground
9	117	Ramakamathupuram Play Field O &Q Block
9	117	Ramakamathupuram Play Field R &T Block
9	120	lloyeds Colony, Childrens Park
9	120	Nadukuppam, Childrens Park
9	121	Kamarajar Salai, Scating ground
9	121	Thiruveethiamman Koil Street
9	122	Turnbulls Road
9	122	Nandanam Play Ground
9	122	S.M.Nagar, Near A Block
9	123	Pallakumaniyam
9	123	St.Mary's road
9	124	Ramakrishnapuram

Zo ne	Ward	Name/Location of Play Ground
9	125	14, Papa Nasam Sivan Salai
9	125	Rosary Church Street
9	126	4th Trust Link Street
9	126	South Canal bank Road
10	132	9th Avenue , Ashok nagar
10	132	6th Avenue , Ashok nagar
10	132	14TH SECTOR, 102 STREET
10	133	Ashok Nagar 17Th Street Play Gorund
10	134	Corporation Colony 1St Main Road Play Ground
10	135	Bakthavatchalam Street Play Ground
10	136	Venkat narayana road
10	136	Somasundharam play ground
10	137	10th Sector Play Ground
10	138	Parinagar Kannagi Street
10	138	Thiru Nagar VOC Street
		Thiru Nagar Ganaolivu
10	138	Street
10	138	Thirunagar Valluvar Street
10	138	Bharathidasan Colony Main Road
10	138	Bharathidasan Colony 4th Street
10	138	VM Balakrishnan Street
10	138	Annai Sathiya Nagar
10	139	Ragava reddi colony
10	140	Palmore Street
10	141	CIT Nagar 4 th Main Road
10	142	Godhamedhu
11	144	MMDA Colony 6th Block
11	144	MMDA Colony 7th Block
11	147	Alappakkam Main Road, Thanthai Periyar
11	149	Ramakrishna Nagar
11	149	Palaniappa Nagar
11	151	Lakshmi nagar 5th cross street

		Ci
Zo ne	Ward	Name/Location of Play Ground
11	151	Lakshmi nagar Extn. 4th Main Road
11	152	Veerappa nagar 2nd Street
11	152	Bharathi colony
11	152	Kadamban Street
11	152	Sairam avenue, Hospital Road
11	152	Chowdry Nagar Main Road
11	150	Rajeswari Nagar 2nd cross street
13	171	Subbupillai thottam
13	171	Venkatapuram
13	172	Lake view road
13	172	Kottur garden II cross street
13	172	Kotturpuram II main road
13	172	Kotturpuram III main road
13	172	Kottur garden IV main road
13	172	Ambadi road
13	173	Kamaraj salai
13	173	Kamaraj salai
13	173	Kamaraj salai
13	173	D.G.S. Dhinakaran salai
13	173	Karpagam avenue IV street
13	173	Karpagam avenue IV street – indoor stadium
13	174	Annagarden, end of IIT gate
13	174	Velachery main road, opposite to kannigapuram
13	175	Kottur canal bank road
13	175	Venkatarathinam nagar
13	175	Induira nagar VIII cross street
13	175	Thiruvengadam street
13	175	Indira nagar XI lane
13	176	Sastri nagar XI cross street
13	176	Besant nagar XXI cross street
13	176	Besant nagar XXXII street
13	176	Besant nagar IV main road
13	176	SBI Colony
13	177	Mahalakshmi nagar I main road

7.		Nema/Leastion of Dlay
Zo ne	Ward	Name/Location of Play Ground
13	177	L.H.nagar III cross street
13	177	Sastri nagar IV cross street
13	177	Ramakrishna nagar I main road, Erikarai road
13	177	Indra Gandhi nagar IIIstreet
13	177	Telephone colony II main road
13	177	Kakkan nagar II cross street
13	177	Shawwalace colony II street
13	177	Andal nagar II main road
13	177	New NGO colony, II main road
13	177	Dr.Ambedkar nagar I main road
13	178	Ram nagar north extn. I street
13	178	Ram nagar VII main road
13	178	Padmavathy nagar extn. main road
13	178	Ram nagar I street
13	178	Bhel sakthi nagar main road
13	178	A.G.S. Colony VI main road
13	178	Jaganathapuram I main road
13	178	AGS colony V cross street
13	179	Seethapathy nagar Illcross street
13	179	Tansi nagar VI street
13	179	Baby nagar II main road
13	179	Seetharam nagar I street
13	179	Pillayar koil street, Annai Indra nagar
13	179	Sachidanantha nagar, San- jay garden
13	179	SPIC Nagar
13	179	Shanthi I cross street
13	179	VGP selva nagar I main road
13	179	Bethal avenue
13	179	Ramagiri nagar II street
13	179	VGP selva nagar, Bethel avenue main road
13	180	Nehru street, Kanagam

Zo ne	Ward	Name/Location of Play Ground
13	181	Lakshmi puram, Muthulak- shmi salai
13	181	Rukmani street, Kalakshetra main road
13	181	Vaigai Street
13	181	Thirumurugan II Street
13	181	Thirumurugan III Street
13	181	C.G.E Colony
13	181	Besant Nagar XXIX Cross Street
13	182	Thiruvalluvar Nagar VII Cross Street
13	182	Thiruvalluvar Nagar 44th Cross Street
13	182	Thiruvalluvar Nagar VI Main Road
13	182	Thiruvalluvar Nagar VII Main Road
13	182	Valmigi Nagar 69th Street
13	182	Valmigi Nagar Extn., IV Seaward Road
13	182	Kurunji Appartments
14	169	Balaji Nagar 24th street

Zo ne	Ward	Name/Location of Play Ground
14	169	Sheela Nagar 1st street
14	183	AGS Colony, Beach
14	183	Jaganathan Street
14	183	A.G.S. Colony, ECR 2nd street
14	187	Sendhuran Colony 3rd Street
14	189	Kamakotti Nagar 5th Street, Junction of 4th Street
14	189	V.G.P Shanthi Nagar Santhosh Street
14	189	Kamakoti Nagar 6th cross street, North side
14	189	Kamakoti Nagar 6th cross street, South side
14	189	Kamakoti Nagar 9th cross street, South side
14	190	Kovalan street
14	191	Gandhi Street, Jalladianpet
14	191	Pallavan nagar

5.2 Tsunami

Tsunami is a giant waves, initiated by a sudden change, usually in relative position of underwater tectonic plates or in other words a tsunami is a series of waves with a long wavelength and period (time between crests) and time between crests of the wave can vary from a few minutes to over an hour. The sudden jerk is enough to propagate the wave; however, its power can be enhanced and fed by lunar positioning and boundaries that focus its energy.

5.2.1 Tsunami in Bay of Bengal

The Indian coastal belt has not recorded many severe tsunamis in the past. Waves accompanying earthquake activity have been reported over the North Bay of Bengal. During an earthquake in 1881 which had its epicenter near the Andamans in the Bay of Bengal, tsunamis were reported. The earthquake of 1941 in Bay of Bengal caused some damage in Andaman region. This was unusual because most Tsunamis are generated by shocks which occur at or near the flanks of continental slopes. During the earthquakes of 1819 and 1845 near the Rann of

Kutch, there were rapid movements of water into the sea. There is no mention of waves resulting from these earthquakes along the coast adjacent to the Arabian sea, and it is unlikely that Tsunamis were generated.

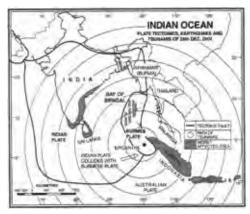
A list showing the Tsunami that affected Indian coast in the past is given in Table. The information given in the Table for the first three events is sketchy and authenticity cannot be confirmed except the Tsunami of 26th December 2004. Above facts indicate the coastal region of Gujarat is vulnerable to Tsunamis from great earthquakes in Mekran coast. Earthquake of magnitude 7 or more may be dangerous. It may be noted that all earthquake do not generate Tsunami.

5.2.2 Tsunami Hits in India

S.No	Year	Affected area / locations
1	April 12, 1762	1762 Eq. in the Bay of Bengal generated tsunami wave of 1.8 m in coastal Bangladesh
2	August 19, 1868	Earthquake Mw 7.5 in the Bay of Bangal. Tsunami wave run-up level at Port Blair, Andaman Island 4.0 m
3	December 31, 1881	Earthquake of magnitude Ms 7.9 in the Bay of Bangal, reported tsunami run-up level of 0.76m at Car Nicobar, 0.3m at Dublat, 0.3 m at Nagapattinam and 1.22 m at Port Blair in Andaman Island
4	1883	Karakatau, volcanic explosion in Indonessia. 1.5 m tsunami at Chennai, 0.6 m at Nagapattinam.
5	1884	Earthquake in the western part of the Bay of Bengal. Tsnamis at Port Blair & mouth of Hoogly River
6	June 26, 1941	Earthquake of magnitude MW 8.1 in the Andaman Sea at 12.90 N,92.50 E. Tsunamis on the east coast of India with amplitudes from 0.75 to 1.25 m. Some damage from East Coast was reported.
7	November 27, 1945	Mekran Earthquake (Magnitude Ms 8.3). 12 to 15 M wave height in Ormara, 13 m at Pasni, and 1.37 m at Karachi (Pakistan). In Gulf off Cambay of Gujarat wave heights of 11.0 m was estimated, and 2 m at Mumbai, where boats were taken away from their moorings
8	December 26, 2004	An earthquake of rear Magnitude (MW9.3) generated giant tsunami waves in North Indian Ocean. Tsunmai made extensive damage to many coastal areas of Indonesia, India, Malaysia, Maldives, Srilanka and Thailand. A trans-oceanic tsunami, observed over areas beyond the Ocean limit of origin. More than 2,00,000 people lost their lives in above countries which is a record.

5.2.3 Tsunami in Chennai

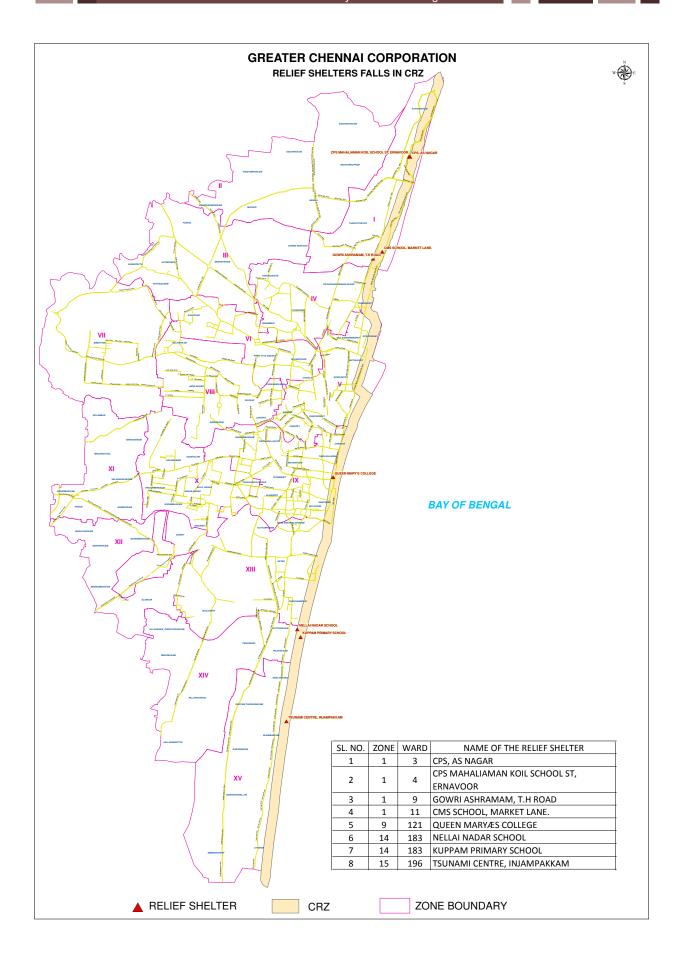
Earthquake of magnitude 9.2 on the Richter's scale in 2004 in Indonesia is the second largest earthquake ever recorded which caused tsunamis which are considered to be the most catastrophic in the living memory of the inhabitants of the coastal areas of India. This earthquake had its epicenter off the coast of Sumatra in Indonesia at 3.5° north latitude and 95° east longitude.





This place happens to be at the tri-junction of the Indian, Australian and Burmese (Myanmarese) plates. Tsunami attack coastal areas of mainland of India including Tamil Nadu, Andhra Pradesh and Kerala after travelling more than 2,000 km in a short span of about three hours. Of these three states, Tamil Nadu suffered the most. The largest number of deaths was reported from Nagapattinam, Kanniyakumari, Cuddalore and Chennai districts.

The location of relief shelters with in Coastal Regulation Zone in Chennai city are shown in the following map. These relief centres should be avoided to house the tsunami victims.



5.2.4 Tsunami preparedness measures

- Organise camps in schools, colleges and public for awareness of do-s and don't s for earthquakes.
- ➤ Ensure availability of disaster management plans and first aid kits in all schools, colleges and public buildings.
- ➤ Identify safe schools and colleges located atleast 500 m away from High Tide Level which can be used as relief shelters.
- Ensure that all critical life saving equipment are maintained and ready to use.
- > The open places alike parks, playgrounds may be identified for assembling the people.
- ➤ Ensure that safe buildings in the corporation area are identified for purpose of relief camps.
- > Develop plan for hospital preparedness and mass casualty management.
- > Prepare a database of registered private hospitals, clinics, diagnostic labs, blood banks, etc. along with their capacities and facilities provided.
- ➤ Ensure availability of adequate supply of life saving equipments and drugs, portable supplies like portable oxygen cylinders, portable x-ray machines, triage tags, etc.
- Prepare for quick deployment of home guards, relief teams and volunteers for providing safety to affected population and evacuated structures/ houses.

Greater Chennai Corporation is increasingly taking a proactive approach to deal with disaster risk reduction. Based on the State Disaster Management Perspective Plan 2018-2030, and in addition to the measures highlighted in chapters of this document, GCC is outlining its priorities and actions moving forward which will be modified/updated annually.

6.0 UNDERSTANDING DISASTER RISK

"Disaster risk management needs to be based on an understanding of disaster risk in all its dimensions of vulnerability, capacity, exposure of persons and assets, hazard characteristics and the environment"

- Sendai Framework for Disaster Risk Reduction 2015-2030

Understanding disaster risk is the first priority of the Sendai Framework. Risk assessment, risk mapping, alert systems and risk communication play a very important role in understanding the risks caused by different disasters. Better understanding of the risks strengthen the efforts of different stake holders to be better prepared to avoid the risks and in cases where avoidance is not feasible, mitigation measures can be targeted with precision to reduce the impacts of the risks as well as enhance the resistance of the community to risks. Greater Chennai Corporation is working to strengthen the capacity of different stakeholders for understanding the risks.

6.1.1 Risk Assessment and Mapping

Risk Assessment and mapping play a very critical role in enhancing preparedness during pre-disaster phase, strengthening response measures during the disaster phase as well as in undertaking preventive and mitigation measures during post disaster phase. The Government of Tamil Nadu aims to strengthen current Risk Assessment efforts with GIS based tools, advanced 3D models generating systems and Big Data analytics along with digital mapping of vulnerable areas as detailed below.

6.1.1.1 Real Time Flood Forecasting and Spatial Decision Support System for Adyar, Cooum, Kosasthalaiyar Rivers and Kovalam Basins

In order to address the recurrent urban floods in Chennai and its peri-urban areas, the Government of Tamil Nadu will be undertaking a study and implement a "Real Time Flood Forecasting and Spatial Decision Support System for Greater Chennai Corporation and the river basin areas of Adyar, Cooum, Kosasthalaiyar Rivers and Kovalam" to forecast flooding and help prepare various stakeholders and government agencies involved in risk reduction as well as prepare the community. The entire basins of Kovalam, Adyar, Cooum and Kosasthalaiyar will be studied

for their hydrology along with street flooding patterns in urban local bodies such as GCC, Tambaram, Pallavaram, Sembakkam, Pammal, Anakaputur, Poonamallee, Avadi, Ambattur, Thiruvallur and Thirverkadu Municipalities.

Real-time Telemetry / GPRS network of stations such as Automatic Weather / Automatic Rain Gauge stations, Online lake inflow and outflow meters, River flow level meters will be installed in the entire basin areas of Cooum (489.32 Sq.km), Adyar (1162.46 Sq.km), Kosasthalaiyar (1949.32 Sq.km) and Kovalam (472.75 Sq.km) etc. The project envisages over 100 Automatic weather station (AWS) / Automatic Rain Gauge (ARG) as per the National Disaster Management guidelines of 1 in every 4.0 sq.km within the Greater Chennai Corporation. The estimated cost for this hardware as well as setting up of Control Rooms will be around Rs.15.00 to 20.00 crores, which is proposed to be funded under World Bank assisted Tamil Nadu Sustainable Urban Development Project (TNSUDP). As per the State Disaster Management Perspective Plan, the project will be completed within a period of 30 months.

6.1.1.2 Mapping of Flood Prone River Basins by Unmanned Aerial Vehicle

Tamil Nadu Government in association with Anna University has launched an Unmanned Aerial Vehicle (UAV) for Photogrammetric Mapping of flood affected districts at a cost of Rs. 7.01 crore. UAV will perform efficient surveys for disaster-prone or physically inaccessible areas by providing aerial images and accurate pictures of the water courses in the River Basins. In addition separate studies involving LIDAR systems will generate Digital Evaluation Models of the major rivers of the State Viz., Cauvery, Adyar, Kosasthalaiyar, Cooum and Kovalam. These studies will be carried out by PWD and Greater Chennai Corporation.

The UAV will undertake Aerial Photogrammetric mapping of the river basins in Chennai and adjoining districts along with 0.5km to 1km areas on either side of the main river course and its tributaries and distributaries. River basins in Thiruvallur and GCC include Araniyar, Kosasthalaiyar and its tributaries, and Cooum in Chennai; while in Kancheepuram and GCC the river basins include Adyar, Kovalam in Chennai, Palar and its tributaries in Palar, and Ongur in Varahanadhi.

The study will provide inputs for identifying the location of dams, missing links of canals and ensure possible opportunities for interlinking of watercourses. Using

UAV, the images captured will be pre-processed, stitched and converted into useful maps for the understanding of river basins and watercourses to initiate flood and drought mitigation measures.

6.1.1.3 Storm Surge Model

Chennai has a coastline of 19 KM and it faces lower storm surge heights (around 3m) compares to the southern parts of Tamil Nadu which have faced storm surges exceeding 6m above the current sea level. Storm surges are a major threat to the fishing community damaging their livelihood support.

In order to predict storm surges on real-time basis, the Government of Tamil has proposed to develop Storm Surge and Tsunami Modelling for Tamil Nadu with the help of IIT Madras. The real-time simulation model will identify the areas that are likely to be inundated during the storm surges and provide effective visualization models taking into account IMD forecast so as to strengthen early warning and response systems during the disaster phase and develop mitigation strategies during post-disaster and pre-disaster phases in subsequent years. The storm surge model will also assist in the development of appropriate structures to reduce risks and non-structural measures to avoid the risks, reduce the risks as well as enhance resistance of the community and the state to storm surges.

6.1.1.4 Integrated Coastal Zone Management plan for Tamil Nadu

Integrated Coastal Zone Management (ICZM) is a dynamic, multidisciplinary and iterative process to promote sustainable management of coastal zones. It takes into account the full cycle of information collation, planning, decision making, management and monitoring and evaluation of implementation. ICZM refers to the integration of a wide variety of objectives depending on the stakeholder and also to the integration of the many instruments needed to meet these objectives. The key deliverables for the Government of Tamil Nadu of the project are:

6.1.1.4.1 Land Use Mapping of the Entire Coastal Stretch of Tamil Nadu

The land use features are mapped from the merged product of CARTOSAT - I and RESOURCESAT (IRS P6 LISS IV) data duly supported by ground truth and Cadastral maps (at 1: 5,000 scale) from Survey and Land Records Department of Government of Tamil Nadu. The land use classification followed the Coastal

Land Use classification scheme developed by Space Application Center (SAC), Ahmedabad and Ministry of Environment, Government of India.

6.1.1.4.2 Coastal Vulnerability Mapping

The combination of the wave and storm surge often inundate the coastal zone, especially when the coastal area is low lying. The conditions worsen under tsunami conditions. Wave and hydrodynamic modelling were carried out to arrive at highest water level which may be expected at the various locations along the coastline of Tamil Nadu. The MIKE 21 SW model has been used for wave transformations studies under the fair weather as well as cyclonic conditions. The 30 to 40 years of data will be used to identify 'flood level' and that was superimposed on the digital elevation data of the coast to find out the degree of inundation/ flooding under such adverse condition. Based on these flood levels coastal vulnerability maps are prepared.

6.1.1.5 Tamil Nadu System for Multi-Hazard Potential Impact Assessment and Emergency Response Tracking (TN -SMART)

The Government of Tamil Nadu will put in place a System for Multi-Hazard Potential Impact Assessment and Emergency Response Tracking (SMART). TN SMART is being developed in collaboration with the Regional Integrated Multi-Hazard Early Warning System for Africa and Asia (RIMES) an Inter-Governmental Organization registered with the United Nations based in Bangkok. This system will be integrated with the other systems being developed with the help of GIS technology. TN-SMART will offer following services to strengthen risk governance.

- A dynamic risk assessment system to assess the potential impacts of the weather forecast issued by India Meteorology Department.
- An ensemble forecasting platform comprising of forecast products from various global and regional center for reference purposes.
- A robust verification mechanism (metaanalysis) platform to critically evaluate the
 performance of all the forecast products and forecast based impact scenarios,
 a "real-time system of evaluating the predictions with reference to the actual
 situations".

TN-SMART initiative is in line with World Meteorological Organization's Global

Framework for Climate Services, i.e. development and application of climate services to assist decision-making for addressing climate-related risks.

Risk assessment and impact assessment components are driven by the forecast and site-specific thresholds derived from the historical records of extreme events and hazards. The tool would capture the risk and the corresponding potential impact. NDEM (National Database for Emergency Management) developed by the National Remote Sensing Center (NRSC) which has inbuilt national level GIS datasets will be integrated with State Data Base for Emergency Management (SDEM) & TN-SMART. TN-SMART will assist in forecast and analysis, risk mapping and assessment, also act as a data management system for managing and processing weather, disaster risks and emergency response resources data for use during the different phases of disasters.

6.1.1.6 GIS Cell

Geographical Information System (GIS) technology is extensively used for generation of pre-monsoon preparedness maps for mitigation and management of floods during northeast monsoon. The maps showing waterbodies, vulnerable locations, evacuation & relief shelters, evacuation area, NDRF Team &boat locations had been created and published in GCC's Disaster Management Plan.

In addition to the monsoon preparedness maps, the real time inundation maps were created during northeast monsoon in coordination with GCC Control Room which is also available as archives in the web applications.

At present, the GIS Cell of Greater Chennai Corporation has developed an exclusive GIS web portal and mobile application for visualizing the pre-monsoon preparedness related data in addition to maps created for preparing GCC's Disaster Management Plan. The mobile application has the facility to collect the data from the field and the same can be visualised in the map view of web application for better management for officials of GCC. The collected data is being used for data analytic and decision making aspects to aid in solving the disaster related challenges of Chennai city in a smarter way.

The web and mobile application user credentials have been provided to the respective officers of GCC.

6.1.1.7 Data Analytics for Risk Assessment

Big Data Analytics can play a significant role in strengthening management during different phases of the disaster. Data analytics enables real-time data analysis not only to map the most disaster affected areas, but also to uncover hidden patterns, unknown correlations and other vital information to make decisions and issue alerts before disaster onset and thereby help in effective preparedness, risk communication, response, relief& build back better strategies. The descriptive, predictive and prescriptive analytics will be used in multiple ways to handle disaster management more effectively.

6.1.1.8 Leveraging Technology to Enhance the Efficiency of Disaster Risk Management Efforts

Technology will be leveraged as a key to planning sustainable and disaster resilient infrastructure and systems. Satellite based/aerial photogrammetry based GIS system and computer simulation for vulnerability mapping will be the basis for strengthening disaster preparedness and response. State Disaster Response Network, a State wide electronic inventory of specialist and essential resources for disaster response will be established by the Government of Tamil Nadu to strengthen the efforts during preparedness and response.

6.2 Risk Communication

Communicating risks to the community plays a very critical role in minimising the risk of loss of lives and moveable properties. Dissemination of information in time is a major challenge requiring investments in state of the art technologies. Government of Tamil Nadu being committed to minimize loss of lives and damages to public and private properties will strengthen risk communication by embracing new technologies besides strengthening existing technologies as noted below. Greater Chennai Corporation will also advance risk communication.

Currently, aFlood Control Room (District Emergency Operations Centre or DEOC) is setup at Greater Chennai Corporation which is coordinating with the State Emergency Operations Centre (SEOC). New tools for risk assessment will be utilized for generating vital information during pre-disaster and during disaster phases to effectively communicate the risks to community as early as possible. The SEOC and DEOC are equipped with multi communication facilities like VHF,

mobile telephony etc. The Government of Tamil Nadu has provided support to GCC to ensure that operations will be disaster proof by adding wireless communication sets, internet telephony, Ham radios, satellite radio etc., so that communication is uninterrupted even during power outages. In addition, a dedicated Public Relation Officer/Assistant Public Relation Officer will be posted in the Control Room for media management. The Officer will collect data and details of relief operations from the field for press release as detailed earlier.

6.2.1 Early Warning System

Tamil Nadu has made tremendous progress during post Tsunami period in terms of getting real time information on weather events and seismic activities. The State has a well-equippedSEOC that gets information on significant events from various agencies and presently disseminates information through multiple channels to the DEOs which in turn inform to various line departments and first responders and the communities. However limitation of the present system of information is that while gathering of critical information at State level and its dissemination to the districts is very fast, the dissemination from district level to the community in remote location gets delayed due to absence of an integrated information dissemination system. Therefore a State of the Art End-to-End Early Warning System is being implemented in Tamil Nadu.

In addition, the National Centre for Coastal Research and the Government of Tamil Nadu havesigned an MoU for the operationalization of theCoastal Flood Warning System for Chennai (CFLOWS-Chennai), whichhas been developed for Chennai. The Chennai Flood Warning System, aproject initiated by the office of the PrincipalScientific Advisor (PSA) was developed as amulti-institutional project involving IIT-Bombay,IIT-Madras, IRS-Anna University, and the Ministry of Earth Sciences institutes IMD, National Centre for Medium Range Weather Forecasting (NCMRWF) and Indian National Centre for Ocean Information Services (INCOIS). It is a WebGIS based decision support system developed for the Greater Chennai Corporation (GCC) area and is a first of its kind in the country for urban flood mitigation operations. All the thematic datasets such as administrative boundaries, flood locations, boat locations, relief shelters, evacuation areas, water bodies, etc. were provided by GCC and were invaluable in developing the decision support system. CFLOWS-Chennai is an excellent example of utilization of science and technology for disaster mitigation operations.

The integrated system involves coupling models of regional weather forecast, hydrological/catchment, hydraulic regime of rivers, urban drainage/overland flow, tide and storm surge. The developed expert flood forecasting system has six major components, which are connected to each other and all the connections are automated through real-time forecast, monitoring and data sharing. The components are: A) Regional Weather Forecasting and Modelling B) Tide and Storm-Surge Modelling C) Monitoring of flows using sensors D) Upstream Hydrologic Modelling E) Flood Modelling F) Integration, Data Bank Generation and Forecasting of Flood Inundation with Visualization.

6.2.2 Satellite Telephony

Satellite connections do not depend on land-based telephone wires or cellular towers and are capable of providing a full range of communications services, including voice, video and broadband data. Even when disasters strike, these networks can be used to provide seismic and flood sensing data to government agencies, to enable early warning of an impending situation and broadcast disasterwarning alerts and facilitate general communication and information flow between government agencies, relief organizations and the public. Satellite telephony in Greater Chennai Corporation is active.

6.2.3 Internet Telephony

Internet telephony allows voice calls and other services like fax, SMS and other voice messaging applications to be transmitted using the internet as a connection medium. The Government of Tamil Nadu has a state-wide area cable network offering internet facilities. Internet telephony connectivity will be established to ensure that during disasters communication is disseminated without interruption.

7.0 INVESTING IN DISASTER RISK REDUCTION FOR RESILIENCE

"Public and private investment in disaster risk prevention and reduction through structural and non-structural measures are essential to enhance the economic, social, health and cultural resilience of persons, communities, countries and their assets, as well as the environment. These can be drivers of innovation, growth and job creation. Such measures are cost-effective and instrumental to save lives, prevent and reduce losses and ensure effective recovery and rehabilitation"

- Sendai Framework for Disaster Risk Reduction 2015-2030

Investing in disaster risk reduction for resilience is the third priority area of the Sendai Framework. The Government of Tamil Nadu will create a Disaster Mitigation Fund for undertaking disaster risk prevention and reduction through structural and non-structural measures to enhance the economic, social, health and cultural resilience/resistance of persons, communities and the state's assets, as well as the environment. The Government of Tamil Nadu will further encourage the involvement of the community, civil societies and the private sector to partner with the government in its efforts to transform vulnerable areas to resilient areas. The government will also promote-

- Tools for incorporating disaster risk considerations in cost-benefit analysis, budgetary tools and information systems.
- Sector based guidelines for the implementation of disaster risk management policies for public investment.
- Guidelines for the evaluation of investment projects, including tools and requirements for disaster risk management and climate change adaptation analysis in addition to Environmental Impact Analysis and compliance to regulatory requirements in fragile ecosystems and other general regulations.
- Tools for analyzing natural hazards in public investment projects.
- Developing and enforcing risk analysis criteria in private and public investment system regulations.
- Compendium of best practices

Greater Chennai Corporation is allocating necessary resources, including finance and logistics for the development and the implementation of disaster risk reduction strategies policies, plans and regulations in all relevant sectors with the active participation of the community and collaboration with different stakeholders. GCC has made investments in integrated Stormwater drain networks, recharge wells, and in our waterbodies, among others. The details are explained in Chapter 9.

7.1 Involvement of Private Sector

The private sector will be brought together on a common platform to strengthen disaster resilient investments, particularly through: structural, non-structural and functional disaster risk prevention and reduction measures in vulnerable areas and in critical facilities and building better from the start to withstand hazards through proper design and construction, including the use of the principles of design innovation and the standardization of Building Codes and materials; retrofitting and rebuilding; and taking into account economic, social, structural, technological and environmental impact assessments. Greater Chennai Corporation has been working with the private sector to restore waterbodies. GCC has signed MoUs with various NGOs and the private sector.

7.2 Non-Structural Measures

As part of the non-structural measures the Government of Tamil Nadu will promote the mainstreaming of disaster risk assessments into land use policy development and implementation, including urban planning, land degradation assessments and housing for the poor and the use of guidelines taking into account anticipated demographic and environmental changes. The Government of Tamil Nadu will also encourage the adoption of National Building Codes and Standards, rehabilitation and reconstruction practices.

7.3 Social Inclusion

Government of Tamil Nadu is known for welfare policies and is a pioneer in protecting and promoting the interests of the vulnerable sections be it women, weaker sections, children or differently abled. The design and implementation of inclusive policies and social safety-net mechanisms will be further strengthened, including community involvement, integration of livelihood enhancement programmes, access to basic health care services, including maternal, newborn and child health, sexual and reproductive health, food security and nutrition, housing and education

and find durable solutions in the post-disaster phase to empower and assist people (currently) disproportionately affected by disasters to be resistant to risks. Greater Chennai Corporation willcontinue its efforts to ensure the welfare of the vulnerable sections of our society.

7.4 Mainstreaming Disaster Risk Concerns

Mainstreaming disaster risk reduction into development plans strengthens risk reduction strategies by ensuring that new projects will incorporate measures to reduce existing risks and will ensure that new risks do not arise due to implementation of the new projects.

- On-going schemes and projects of the Ministries and Departments
 of Government of India and Government of Tamil Nadu as well as
 of all Government agencies and Institutions, including Public Sector
 Undertakings, will be mandated to mainstream disaster risks into the
 schemes and projects for ensuring that they address the disaster risk and
 vulnerabilities of the local areas and enhance the capacity of the community
 to resist disaster risks.
- At conceptualization or funding stage itself, the developmental schemes will be designed taking into consideration potential hazards associated with it and incorporate measures for mitigation of the same.

Greater Chennai Corporation will partner with relevant stakeholders and work toward mainstreaming disaster risk reduction.

Majorareas identified for mainstreaming risk concerns into developmental plans

During the period 2017-2030, the Government of Tamil Nadu will focus on major thrust areas for mainstreaming risk concerns into development plans taking into account risk reduction as an essential investment to promote sustainable and inclusive development.

The major thrust areas identified are as follows.

- 1. Natural Resources Conservation.
- 2. Comprehensive River Basin development,
- 3. Restoration & Sustainable Management of Ecosystems,
- Social Inclusion.

The convergence and mainstreaming of risk concerns into these major thrust areas will enhance resilience/resistance of the community and the city to different disasters. GCC is already advancing efforts to address the relevant thrust areas. Some of the efforts include desilting of waterbodies, tree planting, rainwater harvesting, artificial recharging of groundwater, and rainwater harvesting audits, among others.

Mainstreaming concerns of disaster into development plans will be undertaken by the District Disaster Management Agency in Chennai and by the Commissioner of Revenue Administration & the State Relief Commissioner at the State level to ensure participation of relevant stakeholders and full engagement of all state institutions. The overall direction of mainstreaming of risk concerns into development will be provided by the Tamil Nadu State Disaster Management Authority.

8.0 STANDARD OPERATING PROCEDURES

The City starts its preparedness in the month of September every year. This is includes clearing of water bodies, Stormwater drains, removal of floating materials, strengthening the bunds, preparing relief centres, common kitchen, stopping road cut works, pruning of trees etc. A detailed discussion on each areas are discussed in the following paras.

8.1 Preparedness of water ways and water bodies

GCC will remove water hyacinth and floating materials from canals maintained by them periodically, using floats on annual maintenance basis well in advance to maintain un hindered water flow and to control the mosquito menace.

SI.No	Measures before Monsoon	Actions to be taken during rain	
1	Chute Pipe Cleaning.	Examine manhole cover to be in good condition.	
2	Inlet chamber cleaning of sands / Debris near the chute pipe.	Continuous cleaning of garbage in chute pipe / inlet chamber / vertical gratings.	
3	Missing link of Stormwater drain to be constructed and covered with precast slab.	Ensure the flow of water from road to SWD to monitor periodically by inspection.	
4	Ensuring the network connection of SWDs	Pump / Motor can be used to maintain	
5	Every year SWD to be cleaned	Block in SWDs to be cleared by motor / sucker lorry if necessary	
6	Tools materials like, cow-bar, Manhole lifting hook, rope, FRC door cover slab, kept ready for use.	Keep open the manhole cover of SWDs so as to drain water more with safety precaution sign around the manhole cover.	
7	Repair in SWD structure to be attended.	Make temporary kutcha drain to drain out water from higher level to lower level on emergent situation.	
8	Street joints of SWD to be ensured.	If needed enlarge the chute pipe.	
9	Garbage removal around bins to be done.	Providing Barricade, sign board for diverting traffic in the above places.	
10	Manhole cover to be in good condition, damaged one to be replaced.	Flow of water inside the SWD is periodically monitored to ensure that the water is running full capacity inside the SWD.	

SI.No	Measures before Monsoon	Actions to be taken during rain
11	Removal of Debris / silt inside the SWDs.	The SWD at its joining point with canals and rivers is frequently checked for removal of any blocks at the draining point with rivers and canals.
12	Streets where SWD require cleaning	Diesel / Submersible pumps are provided in the needed location to drain out water in SWDs. Road cut may be done in order to drain more water with safely sign boards.

8.2 Water stagnation locations

In city various water stagnation locations were identified in all zone 1 to 15. The list of mild, moderate, heavily inundated area, streets likely to be inundated and the areas where the people are to be evacuated are given in detail in each zone chapters. Strict vigil is maintained in these areas. From those areas stagnated water to be disposed to the particular disposal points like Stormwater drain and canal. The table shows the preparedness of Water stagnation locations in pre monsoon and during rain.

SI.No	Measures to be taken before rain
1	RWH structures to be cleaned and refilled.
2	Chute pipe should be cleaned.
3	De-silting of disposal points and Stormwater drains/canals.
4	Keep JCB, Bulldozers, cranes, pumps and super sucker Lorries ready.
5	Provide inlet chambers and pipe connections to the existing nearest drain.
6	De-silt Stormwater drains.
7	Break the top slabs and desilt the SWD where chronic obstruction is noted and cover with precast slab.
8	Missing link of Stormwater drains to be constructed and covered with precast slabs.
9	Available machineries/pumps to be checked and kept in ready condition. A log book to be maintained by AEE regarding the same.

8.3 Preparedness of Relief Centers

The GCC has identified and notified around 169 relief centers across the city keeping in mind the vulnerability of areas prone for inundation and need for eviction. The community halls, schools and public buildings are identified to act as relief centers. The details of relief centers locations, contact persons are given in there respective zonal chapters.

The relief centers are to be provided with safe drinking water, toilet facilities, lighting arrangements, food packets, bread and Aavin milk for children, senior citizens, differently abled persons are also to be kept in readiness in the relief centers. The action plan for relief centers before and during rain is discussed in the following table.

Measures before Monsoon			
Clean the relief centre	Ensure regular supply of water by CMWSSB		
Surrounding area should be cleaned	Ensure adequate water available in sump and water tank		
Necessary arrangement of water facilities by deploying CMWSSB 3000 Ltrs tanks.	Ensure the Toilets are cleaned regularly		
Clean sump and water tank	Cooking should be done regularly and food supplied		
Clean Toilets	Ensure the sufficiency of cooking gas.		
Clean Vessels/Gas Stove	Groceries & vegetables to be purchased.		
Ensure supply of Cooking gas.	Vehicle arrangements with sufficient labourers for food distribution to all required places.		
Availability of lights/ fans to be ensured.	Light and fan to be operated		
Medical facilities	Spraying of disinfectant.		
Cooking staff should be arranged	Supplying food to affected people.		
List of provision materials/ vegetables to be purchased during rain to be kept ready.			
Identification of place for storage of provision materials/ vegetables	 Receive VVIP's / VIP's / NGO's at relief centre and explain to them. 		
Keep ready Vehicle arrangements with sufficient labourers for food Distribution to all required places.	¬		

City Disaster Management Plan			
Light, Fan Switches to be tested	Be polite towards the people.		
Generator to be provided.	Garbage removal must be continuous.		
Assessing the requirements of food / Bread / Milk	Station ambulances where ever possible.		
Instruction should be given to all staff at the relief centre to ensure the quantity and quality of food etc.	Distribute relief material in a systematic manner		
 Ensure temporary electric arrangements to be kept always ready to operate during power failure. 	Ensure police bond bust		
Ensure good sanitation in and around the relief centre by fogging, cleaning etc.			
Inform police and Fire and Health, Metro water about the location of relief centre.	Keep record of food distribution and relief material distribution.		

8.4 Common kitchen

Deploy Police

The Corporation maintains 1 dedicated common kitchen centers with a capacity to cook 5000 food packets per hour, at Chintadripet.

The common kitchens were stacked with required quantities of rations / provisions and cooking materials well before on set of monsoon. The vehicles will be kept ready in all these kitchens to transport the food to the affected areas and relief centers.

In each common kitchen one Sanitary Inspector will be posted round the clock to monitor food preparation & food hygiene. Temporary food centres will also be set up in private marriage halls depending on the gravity of situation. Assistant Revenue Officers are put in charge to prepare the required quantity of food for common kitchen/relief centre kitchen.

To supplement above arrangements the food from Amma Unavagam also will be lifted to the affected areas. Aavin will be requested to supply milk to the flood affected children and aged persons. Supply of Bread will be arranged from modern food industries. The supply of drinking water will be arranged from Amma Kudineer and by CMWSSB.

8.5 Subways

There are 22 subways in Chennai city of which GCC maintains 16 subways (Sl.No. 1 to 16) and 6 subways (Sl.No. 17 to 22) are maintained by Highways department. The details of locations of subways are given in the respective zonal

chapters. The 16 subways maintained by GCC are running for surpass for the passenger in different location and the subways in Chennai are given below.

- Ganesapuram subway, at Dr. Ambedkar College Road to the East of Vyasarpadi Jeeva Railway Station.
- 2. Reserve Bank Subway at RajajiSalai Near Reserve Bank of India.
- Stanley Nagar Subway 1 along Cochrane Basin Bridge Road South of Stanley Nagar near Post Office.
- Stanley Nagar Subway 2 along Cochrane Basin Bridge Road South of Stanley Nagar near Post Office.
- Perambur Subway at Perambur High Road to the West of Perambur Railway Station.
- 6. Gengu- Reddy Road Subway at Egmore near Nehru Park.
- 7. In Redhills Road at Villivakkam LC-2.
- 8. Nungambakkam Subway near Nungambakkam Rly. Station.
- 9. Harrington Road Subway near Pachaiyappa's College.
- 10. Dheeran Sivalingam Subway connecting Doraisamy road and BrindavanRaod.
- 11. Madley Subway connecting Madley road and EaswaranKoil Street on Southern Side of Mambalam Railway Station.
- 12. Thyagi Aranganathan Subway connecting Kannammapet and Reddikuppam Road.
- 13. Saidapet Bazaar Road Subway.
- 14. C.P. Pavalavannan Bridge in Jones Road.
- 15. In Monegar Choultry Road near stanley hospital.
- 16. Pedestrian cum two wheeler subway at Rangarajapuram level crossing.
- 17. St. Thomas Mount Subway.
- 18. Thillai Ganga Nagar Subway.
- 19. Palavanthangal Subway.
- 20. Jain College, Meenambakam Subway.
- 21. Viyasarpadi Subway.
- 22. Kathivakkam High Road Div- 2 Subway.

These subways are equipped with pump sets to bail out water from the subways. Depending upon the necessity, pump sets from Agriculture Engineering

Department, Fire Service Department and Private Sources will be deployed. The preparedness of subways before monsoon and steps to be taken during the monsoon are described in the following tables.

Measures before Monsoon	Actions to be taken during rain	
Clearance of garbage and sand in the subway and surrounding areas	The Diesel engines/electric pumps to be kept at an elevated level/platform.	
Remove rank vegetation.	Ensure that all regular and stand by pumps are kept in working condition	
Cleaning of chute pipes/inlet chambers in	Keep sufficient stock of diesel, petrol, oil, grease.	
the subway.	Keep GENSET in ready condition.	
Measures before Monsoon	Actions to be taken during rain	
	F 0	
De alleis a selle stemanoli	Ensure Starting handle availability.	
De-silting collector well.	Check condition of foot valve /suction valve.	
Disposal channel to be de-silted and free	Check condition of foot valve /suction	
	Check condition of foot valve /suction valve.	

Preparedness of Manpower in the Subway

Action to be taken during rain		
Operate the pumps as and when required.	Ensure stock of POL.	
Closely watch the inlet /chute pipe.	Continuously operate the pumps.	
Remove choking if any found.	Check the water disposal at the outlet.	
Check the hose pipe and ensure that it is intact.	Ensure the movement of traffic in the subway.	
Ensure the traffic movement without hindrance.	Caution the two wheelers riding in subway.	
 Monitor the water level and to inform the higher level officer and submit a report every two hours. 	Do not to allow senior/ disabled people to cross the subway.	

- Photograph the subway to ascertain its status and to ensure traffic movement and share through WhatsApp.
- Close the subway if water in the subway is above the danger mark normally more than 3 feet at the lowest level.

Action if Subway is flooded to the brim

- Operate reserve pumps and submersible pumps to control water level in the subway.
- Put heavy duty pumps to suck out water.
- Have two (or) three disposal points.
- Keep sufficient lorries, JCBs, dozers and men for removal of silt, garbage and floating materials etc., in the subway once rain stops.

Action if Subway is flooded to the brim

- Keep sufficient lorries, JCBs, dozers and men for removal of silt, garbage and floating materials etc., in the subway once rain stops.
- Supervisory Officer to monitor the water level and to inform the status to the higher official.
- Keep de-silting the outlet points in case of block.

8.6 Tree fall

The Preparedness of tree falls includes pruning of trees, anticipation of the uprooting of trees during cyclone etc. Vehicle mounted saws and power saws are kept ready in all zones 1 to 15 to cut and remove the fallen trees on the roads and the following measures to be taken before rain and during rain.

- i. Keep sufficient labourers to attend tree falls in wards.
- ii. Sensitize the conservancy labourers to report the tree fallen in streets to Assistant Engineer.
- iii. Keep private contractors with tree cutting tools and vehicles for removal of dead trees and slanting trees if regular staff is not available.

Preparedness of Tree Fall in City.

Measures before Monsoon	Actions to be taken during rain	
Inspect BRR and other roads to assess the stability of trees and low branches	Keep in close contact with Control Room, traffic, law & order, fire dept. and TANGEDCO to know about the tree falls.	
Form teams with Park overseers, vehicles, labours &equipments& deploy them	Immediately reach the spot with vehicles.	
Keep the following equipment with specific area jurisdiction a. Manual Saw. b. Power Saw. c. Vehicle Mounted Saw. d. JCB, Open lorry, Crane etc., e. Sufficient stock of POL, f. Finalise Private contractor. g. Ropes - sufficient length h. Temporary Barricades i. Temporary lighting arrangements.	Electric lines to be switched off	
Conduct trail run of manual and Power operated saws	Make use of conservancy, road and malaria labourer to cut the branches	
Attend complaints for removal of trees and branches.	Deploy JCB, Crane, Bobcat and Open Lorry to remove the branches and trunks	
	First priority is to restore traffic movements	
Trees at low level touching overhead TANGEDCO line to be	Deploy Private Contractors where ever required to clear fallen trees	
reported	Providing suitable barricades to protect the unstable trees	
	Report the road blocks and tree removal to the Head Office with WhatsApp Photos stage wise	

8.7 Transport equipment /Lorries

Measures before Monsoon	Actions to be taken during rain		
Inspect lorry stations and keeping it ready for operation.	Ensure 100% march out for conservancy		
Instruction to be given to the time keeper and other field staff to maintain reserve of diesel, oil and spare materials related to repair works and maintain 24 x 7 operation.	Tree cutting and debri clearance		
Have contact details and address of Lorry driver and Mechanic.	Clear garbage without accumulation.		
Engage private contractor if needed.	Deploy JCB / Lorries & Bobcat wherever necessary.		
Necessary purchase of important items like tyres, spare parts etc to be done in advance.	Ensure continuous fuel supply		
Lorries / JCBs / Bobcats to be kept in good condition	 Send water tanker lorry to suck out water stagnation. 		
Instruction to be given to Lorry station A.E to monitor the vehicle condition and to inform the higher official to plan for shifting the Vehicles from Low Lying Area to high land.	 Procure POL to supply to Health dept vehicle and for fogging Machine. 		
Planning of lighting arrangements and mobilisation of DG Set	Keep drivers at Night time also.		
Keep reserve drivers.	Engage contractors to attend repair works immediately.		
Planning of lighting arrangements and mobilisation of GENSET	Engage private contractors if necessary.		
Sufficient mechanic / helpers for vehicle repair and maintenance.	Drivers allocation plan to be prepared and informed proactively to drive the vehicles		
Inspect lorry stations and keeping it	High capacity HP pumps to be kept at ready state		
ready for operation.	Contact RTO in case of more lorry required.		

8.8 Preparedness of Streets

8.8.1 Preparedness of Streets do not require evacuation

During every monsoon GCC will identify vulnerable spots in all zones and action will be initiated to dispose the rain water through Stormwater drain into river, canal etc. The precautionary measures to be taken are as follows.

- i. Stock sand bags in Ward offices and in important streets.
- ii. Keep ready pumps with required capacity to pump out water entering in to houses.
- iii. Instruct public to clean the RWH structures in the private premises and GCC to clear RWH structures within their jurisdiction.
- iv. Advising house owners to increase the height of low lying area within their compound to match with road level and their basement.
- v. Identify dilapidated buildings and alert people who are living there.
- vi. Identification of place for dumping Debris.
- vii. Engaging the Private Contractor with necessary machineries to remove debris in case of building collapse.
- viii. Mobile Super Sucker & Pumps to pump out water.
- ix. Identify the location and route through which water can be pumped out.

8.8.2 Preparedness of Streets require evacuation

During heavy flood occurred in the year 2015, people evacuated from various locations were accommodated in relief centres/public buildings provided with basic amenities in all the zones. The following section gives the detailed action plan for evacuation in different circumstances

a) Streets where Rivers/ Lakes/ over flow and need evacuation:

- i. Monitor river levels and releases from upstream
- ii. Arrange mobile public address system for announcement of evacuation, inform media and through other possible sources.
- iii. Making necessary transport arrangements to evacuate.
- iv. Stock sand bags along the canal, lake and river bunds.
- v. Mobilize mobile lighting system.

- vi. Heavy (giant) pumps to be kept ready.
- vii. Identify Relief Centres for street wise evacuation.
- viii. Keep the relief centres ready with water supply, toilets, sanitation, medicines, food& lighting facilities.
- ix. Make arrangements for cooking food.
- x. Supply from Ammaunavagam
- xi. Assess numbers to be evacuated at R.C.
- xii. Ambulance, boats with life jacket medical team, Police escort, NDRF to be kept ready.
- xiii. Sufficient staff and labourers to be trained and posted.
- xiv. JCB /Cranes /Bulldozers and other machineries to be procured and kept ready.

b) Air Lifting Operations:

- Deployment plan for airlifting in the whole area
- Food supplies through Air craft
- Necessary fuel to be kept at RC
- Gas operated emergency lights to be rented / procured.
- Necessary financial arrangements to be made to meet out unforeseen expenditure.
- > Prior information to nearest UPHC / private hospitals to handle casualties during rain .
- ➤ Burial grounds to be equipped with fuel and labourer arrangements and approaches. Gas burners / Gen sets to be kept ready.
- Divers and swimmers team to be made available.
- Sufficient rain coats to be made available.
- Special team of conservancy to clean the floating garbage / debris / etc round the clock.
- > Fire service to be alerted.

c) Inundated Streets

- i. Chute pipes / water table to be de-clogged regularly & water to be kept flowing.
- ii. De-silting the disposal point periodically.

- iii. Use brush to clear water
- iv. Ensuring the sufficient number of super sucker/sewer lorries and pumps are mobilized and deployed to drain water.

d) Streets where water entering houses

- i. Power should be disconnected.
- ii. Piped water to be stopped
- iii. Mobile water supply to be arranged
- iv. Prior announcement to be made to safeguard household materials and to move upstairs.
- v. Manpower for relief material distribution.
- vi. Alerting people in dilapidated buildings
- vii. Deployment of Fire service, SDRF and NDRF to evacuate people through boats regularly. Arrange food to those who are stranded upstairs.
- viii. Garbage cleaning to be done
- ix. Cleaning of sumps with Bleaching powder and filling fresh water before starting same.
- x. Applying of lime and bleaching powder
- xi. Snake catchers to be put into job.
- xii. Silt, debris/rubbish etc., removal in the streets.

e) Streets where Rivers/ Lakes/ over flow and Need evacuation

- i. Use sand bags to prevent overflow.
- ii. Issue warning to evacuate low lying areas as soon as you anticipate overflows.
- iii. Deployment of rescue teams to help the public evacuate.
- iv. JCB/ bulldozers/ cranes/ lorries to be deployed to spot immediately.
- v. Fumigation and application of disinfectants / powders in the affected area.
- vi. Continuous monitoring of materials available.
- vii. Alternate substitute staff / labourers to be kept ready with prior training.
- viii. Medical camps to be available round the clock.
- ix. Deploy boats to evacuate and distribute food and water for people.
- x. Deploy helicopter for air dropping of supplies and evacuation

8.9 Lighting facilities

At the time of disaster most of the operation will be taken place on 24x7 as like war period. Therefore establishing alternate sources of lighting is a prerequisite in all areas. Eighteen mobile high mast lights are deployed in all zones in case of power cut during flood and cyclone, these light shall be used. The following table shows the preparedness of lighting facilities in monsoon period.

Preparedness of Lighting Facilities

Measures before Monsoon	Actions to be taken during rain	
Inspection of all street lights.	Check street lighting at nights and attend in case failure.	
Replace the damaged street light poles and report.	Check lighting in parks and public convenience	
Ensure lighting facilities in streets,	Ensure the operation of substation in wards.	
relief centres, UPHC & officers.	Electrician labourers to be kept ready during night times	
Details of one of more private	Night patrolling of street lights.	
contractors for providing temporary power supply and lights to be	Instruction to be given to electrical in-charge for preparing duty arrangement.	
maintained.	Engaging private contractor for arrangements of DG set .	
	Power Supply.	
Keep sufficient labourers to attend complaints regarding lighting.	Run DG set in case of power failure in Relief campus/ UPHC/ govt offices/ schools.	
Cables on the streets to be checked	Keep sufficient bulbs/ tube lights ready.	
Rectify low lying TANGEDCO cables.	Keep stock of emergency lights.	
Rectify open broken TANGEDCO pillar boxes.	 Put up emergency lights to rescue operation in high time. 	
Rectify open broken TANGEDCO pillar boxes.	Keep ready candles in bulk.	
Keep POL in ward / Zonal Offices.	Plan for utilization of solar panels.	
Inspection of all street lights. Keep Gen-set in BG's to operate lights. arrangement also.		

8.10 National Disaster Response Force/ State Disaster Response Force

The relief teams from National Disaster Relief Force (NDRF) are also pressed into service for urgent relief operations. The services of coast guard are requested in the event of very heavy flooding.

NDRF

The Commandant, 04, Battalion (NDRF), Suraksha Campus, Takkolam, Arakkonam, Vellore District – 631 152 : Contact. 04177 – 246594/246269

The State Disaster Response Force (SDRF) has been constituted and stationed at Commando Force Head Quarters, Adyar. The Commissioner, Greater Chennai Corporation will request for the assistant of SDRF/NDRF in case of any disaster.

The NDRF to be stationed in the designated locations & deployed to needy points for commencing evacuation operations. A detailed mentioned about housing of NDRF/SDRF and pre positioning locations are discussed in each zone. The following are the precautionary measures to be taken before rain:

- Identified vulnerable places should be informed to NDRF for pre positioning the force. Contact with commandant to deploy in vulnerable areas in case needed.
- ii. Identify station place to accommodate them.
- iii. Procure fuel for them.
- iv. Joint inspection with NDRF / SDRF/ QRT
- v. Accommodate NDRF in chosen place. Deploy them in selected location for evacuation and supply of food to victims.

8.11 Health Department Support

At the time of any disaster preparedness medical facilities is more important to save the people from various infections and diseases. In GCC there are 238 Medical Officers and 1,043 Paramedical Staff working at 152 health centers and a Communicable Diseases Hospital. 3 Medical Teams focused in each zones to give medical care during the flood emergency period round the clock. Whenever flood relief camps are opened, Medical officer, Paramedical Staff and Sanitary Inspector will be posted round the clock to ensure Health, Hygiene and sanitation of the affected population. The following Preparedness are given to control the disease at the time of disaster.

- 1. Essential medicines have to be stocked in adequate quantity in all the Urban Primary Health Centers and Communicable Disease Hospital. At Present 2 month's stock of disinfectants and medicines are available in each zone. At any moment procurement of necessary requirement of disinfectants and medicines can be purchased from TNMSC within a week's time.
- 2. All the diarrheal infected patients in the Communicable Diseases Hospital are to be intimated to the respective Zonal Health Officers to take appropriate preventive and control measures immediately in their residential areas.
- 3. Adequate quantity of bleaching powder, chlorine tablets and phenyl are stocked at Unit Offices and Stores. Adequate resources are available for maintaining hygiene and sanitation in a flood situation in the flood prone areas.
- 4. Spraying with MLO is being carried out in all the water stagnation places once in a week. The frequency of this should be increased depends on the ground reality. 568 sprayers are engaged for this activity.
- The potential sources of contamination of water such as sewage overflow is being identified and it will be intimated to the Metro water engineers for appropriate action. Joint inspection with Zonal Health Officers and Metro water officials are being conducted regularly.
- 6. Both during and after any disaster, outbreak of epidemics is a major fall out. A strong health support system would largely mitigate this situation. Considering the fact, the respective Sanitary Inspectors are to take up the anti mosquito fogging in all the streets and anti larval spraying for Stormwater drain networks and canals periodically.
- 7. The concerned sanitary officers and sanitary inspectors will ensure residual chlorine of 0.2 to 0.5 ppm in drinking water supply in co-ordination with CMWSSB staffs. Distribution of bleaching powder to individual houses to clean the overhead tanks and sumps to avoid water contamination.
- 8. Vector control activities will be carried out by the Entamologist in all the zones.
- The zonal health officers are to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers are to co-ordinate with conduction of health camps at required habitations.

The following table shows the Preparedness of action taken for disease control in monsoon period.

Measures before Monsoon	Actions to be taken during rain	
Assess the streets where spraying of disinfectant needed.	Sector ALO work to be done	
Keep sufficient lime/ bleaching	Fogging to be done	
powder in S.I Office.	Spray disinfectant in water logged streets.	
	Supervise sector programme.	
UPHCS to be kept ready	Chlorine level to be maintained.	
	Fogging operation to be intensified.	
Sector ALO work to be strangled.	Analysing the trend of diseases in UPHCS – op	
Sector ALO work to be strangled.	Administer DT Vaccination to employees.	
Intensify fogging activities.	Give bleaching powder to each family.	
interiorly logging activities.	Spray disinfectant to all streets.	
	Check chlorine level in all water lorries.	
Clean SWD blocks	Put up medical camps in relief centre, low laying areas, disease prone areas.	
Procure drugs for UPHC	Mobilize doctors to the needed location with vehicles.	
- 1 Tooure drugs for OFTIC	Arrange food for the medical team,	
Distribute Mask hand cloves / boot	Keep the BGs in open and ensure labourers availability there.	
to labours.	Give masks, hand cloves, boots to sanitation employees.	

The Health Department in GCC will be geared up with the following activities.

- Intensify Activities for control against Dengue and Other Communicable Diseases
- ii. Source Reduction activities to be intensified mainly in Hospitals, Schools, Colleges, Railway Yards, Vacant plots, New Construction sites, domestic sources, etc.
- iii. IEC Activities to be carried out by audio and video measures at all Hot spot areas, Hospitals, Schools, Colleges, Government institutions, Slums and places where people gather.
- iv. Distribution of Nilavembu Kudineer to the General Public.
- v. Protective gears like Gloves, Mask, Shoes, Over Coat to be provided for workers who are involved in anti mosquito activities.
- vi. Health application to be developed for fever notification, patient details for follow activities and treatment, control centre.

8.12 Veterinary Support

The GCC conducts Mass Veterinary Camps in collaboration with Tamil Nadu University for Veterinary and Animal Sciences 30 Camps (two per Zone) will be conducted. The following activities are undergone for veterinary support.

- i. Treatment of Large Animals and Small Animals
- ii. Anti-rabies Vaccination and Deworming
- iii. Distribution of Nutritional supplements for pet animals
- iv. Distribution of Nutritional supplements for large animals
- v. Distribution of free mineral mixture/ salt licks
- vi. Distribution of green fodder
- vii. Distribution of Paddy Straw at subsidized rate of Rs. 2/Kg @ Perambur and Pudupet Cattle depots

The GCC will form Animal Rescue Teams, one for each zone to support the animals at the time of disaster. The composition of rescue teams are as follows.

- 1. One Veterinarian
- 2. Two Animal Attendants

These rescue teams with the help of Dog Catching Vehicles and Cattle Catching Vehicles will conduct animals health camps. The dead animals found on roads, streets, water bodies will be disposed by carcass and buried at Kodungaiyur

and Perungudi dumping yards following sanitary measures.

The GCC have arranged the Emergency Animal Rescue stations for the purpose of treatment. Table shows the details of Cattle and horse Rescue Stations.

Rescue Station for Cattle & Horses (Domestic Animals)

SI. no	Hospital Name	Place	Contact No.
1.	Greater Chennai Corporation 'G' Cattle Depot	Perambur	9445197444
2.	Greater Chennai Corporation 'D' Cattle Depot	Pudupet	9445026046
3.	Government Veterinary Hospital	Saidapet	04424352478
4.	Government Veterinary Hospital	Tondiarpet	04424892536
5.	TANUVAS Veterinary Hospital	Vepery	04425304000
6.	Blue Cross Animal Rescue Centre	Velachery	04422300666

Rescue Station for Dogs, Cats & Birds (Pet Animals)

SI. no	Hospital Name	Place	Contact No.
1.	Greater Chennai Corporation Pet Clinic	Thiru .Vi.Ka.Nagar	9445026042
2.	Greater Chennai Corporation Pet Clinic	Nungambakkam	9445194747
3.	Greater Chennai Corporation Pet Clinic	Kannammapet	9445026049
4.	Greater Chennai Corporation Animal Rescue	Centre Lloyds Road	9445194746
5.	Greater Chennai Corporation Animal Rescue	Centre Basin Bridge	9445026047
6.	Government Veterinary Hospital	Saidapet	04424352478
7.	TANUVAS Veterinary Hospital	Vepery	04425304000
8.	TANUVAS Peripheral Veterinary Hospital	Madhavaram	04425551586

8.13 Role of Financial Advisor

Arrangements shall be made to disburse advance amounts to the Zonal Officers, Head of the Departments, Officer in charge of the Relief Centres and other officers for carrying out relief works.

Arrangements shall be made to function the Treasury of Greater Chennai Corporation, including holidays, to disburse advance amounts, to the Zonal Officers, who are involved in the flood relief works.

8.14 Role of Public Relations Officer

On receipt of warning message from the Control Room, all arrangements shall be made to warn the people living in the low-lying areas to move to relief centres in advance.

Arrangements shall be made to communicate the messages of the Commissioner to the public through medias. PRO shall also publish press release about the relief activities that are under taken by GCC to build confidence and subdue panic among the public.

8.15 Ward Committee

The ward committee is formed for each ward by drawing officials from various departments to work in close coordination. The objective of forming such ward committee is to ensure co-ordinated mitigation work in the field without lapse of time.

Defining the role of line departments is very essential and should play a supportive role to ensure smooth functioning of the Entire Disaster Management Operation. The duties and responsibilities of staffs/ officials of ward committee are described as below. Table shows the responsibilities for the various designation in the ward committee. The composition of ward committees with contact details mentioned in detail in the respective zones.

Responsibilities of Officials

Designation	Responsibilities
Assistant Engineer/Junior Engineer, GCC	Removal of water stagnation on roads & subways, desilting SWD and cleaning chute pipes, arranging pumps for dewatering, evacuating people at times of flood and providing them food
Assistant Engineer/Junior Engineer, GCC- Electrical,	Inspecting & replacing the non-burning street lights, alternate arrangement for lighting during power failure
Sanitary Inspector, GCC	Ensuring the proper sanitation for the zone, Anti mosquito fogging on all the streets and anti-larval spraying for Stormwater drains and canals, spraying disinfectant on streets
Veterinary officer, GCC	Animal health issues and disposal of dead animal carcass
Conservancy Inspector, GCC	Clearing of garbage and spreading the lime powder around the bins debris
Assistant Revenue Officer, GCC	Ensuring the readiness of common kitchen, food materials and drinking water in the relief centres during evacuation at time of flood
Park Overseer, GCC	Removal of fallen trees/branches and pruning of trees.

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Assistant Engineer, TANGEDCO	Proper maintenance of the electric cables, ensuring 24x7 power supply, attending to cable faults
Assistant Engineer/Junior Engineer, CMWSSB	Ensuring proper water supply and removing sewer blocks.
BSNL	Assuring uninterrupted communication & attending to faults
Fire Service	Rescuing people from burning and from collapsed buildings
Police	Maintaining law & Order, patrolling the areas for protecting people & property
PWD	Desilting of canals and rivers
TNSCB	Providing the basic amenities to the slum tenements

These ward committees have to look after any kind of emergency or disaster occurrence in the ward. The preparedness of ward committee during the disaster time is show in the table below.

Preparedness for Inter department coordination

Measures before Monsoon	Actions to be taken during rain
Conduct co-ordination meeting at Zonal / Regional / Ward level.	Assemble at one point and monitor it.
Familiarize with line departments.	Inspect jointly the vulnerable areas.
Discuss the issues with line departments	Deploy machineries at required location.
Conduct co-ordination meeting with line departments.	Joint inspection
Inspect jointly the vulnerable areas	Deploy JCBs. dozers to clear garbage in canals and culverts.
Request the service departments to keep the logistics in good condition	Communicate the need to service department
Request PWD, Highways department to clean SWDs/ Canals and De-silting it.	Co-ordinate with service dept.

8.16 Other Departments Mitigation Plan

The civic and essential services to the public in Chennai city is being provided by various departments independently. Unless there is effective coordination plan with other departments preparedness, relief and rehabilitation of affected people will not be done effectively. The Commissioner, GCC will conduct regular meetings with the Head of Departments before monsoon. The role of each department with regards to monsoon preparedness is described in the following table.

S. NO	DEPARTMENT	MITIGATION PLAN
1	Meteorological Department	To issue periodical weather warning before 24 or 48 hours and cyclone alert at the appropriate time. The rainfall details, wind speed and duration will be periodically updated for the city. GCC will also discuss with Meteorological Department well before monsoon to asses the intensity of forthcoming monsoon.
2	Chennai Metropolitan Water Supply and Sewerage Board	To avoid major road cuts during monsoon period and the road cuts done hitherto to be restored well in advance before commencement of monsoon. To replace all the missing sewer manhole covers. To display sign boards incase of unavoidable road cuts are made with a view to prevent pedestrians and vehicles from falling into the sewer and barricade the areas wherever necessary To ensure working conditions of sewerage pumping stations and to keep generator sets in pumping stations. Injection of necessary quantity of chlorine into drinking water supply line. Announcement to the public through Mass Media regarding the need for chlorination in private wells. Erection of water tanks at relief camps and flooded areas where the regular supply is stopped.
3	Director of Information and Public Relation	To disseminate the forecast and publish periodically about mitigative actions under taken by Greater Chennai corporation.
4	Public Works Department	Removal of sand bars at river mouth of Cooum, Adyar and Muttukadu to ensure free flow of flood water into sea from water ways. To procure adequate quantity of sand bags and to be kept ready. Desilting of water bodies, clearing of debris /floating materials/ garbage/ hyacinth maintained by PWD. Clearing of culverts, vents under the bridges. The level and discharge from Chembarambakkam Tank, Puzhal tank, Redhills shall be updated to GCC Control Room. The flow level of rivers and discharge quantity at mouth shall be intimated to Control Room. Perennial issues like debris under MRTS bridge along Central Buckingham Canal, widening mouths of Coovum, Adyar, Kosasthalaiyar and B canal at Muttukadu shall be addressed in advance. One representative shall be nominated to work in the Control Room
5	Highways & Rural Works Department	of GCC during monsoon period for coordination. Blockages below the culverts/ Bridges along the water ways has to be removed. Stormwater drain in highways road to be de-silted. Manholes, chute pipes should be checked. Patch works should be attended. Footpaths shall be rectified. Pruning of trees shall be carried out.

S. NO	DEPARTMENT	MITIGATION PLAN
6	Tamil Nadu Electricity Board	To attend the faults, check transformers and pillar boxes to avoid electrocution. To vigil open LT lines in extended areas of GCC. Power supply to be cut off during flooding, if required.
7	Fire Service Department	To keep rescue teams with necessary machineries, tools, equipments, boats etc at designated locations. Readiness to commence evacuation and rescue operations in case of marooning of people.
8	Telephone Services	To ensure disruption of free service of important telephones of Greater Chennai Corporation and other Departments. Immediate temporary installation of connectivity facility may be made on request at certain important places like relief camps etc. The generators within their premises shall be kept in an elevated location to avoid submergence.
9	Chennai Metropolitan Transport Corporation	To keep buses on road in good condition for transportation of essential commodities of food packets to the inundated and marooned areas. If necessary the vehicles may be provided to evacuate the marooned people preferably high chased vehicles.
10	M.R.T.S. / Railways	To clear the blockade in rivers, canals beneath the tracks to ensure free flow of water.
11	Chennai Metro Rail Limited (CMRL)	Clearing the blockage of earth and concretes at canals, rivers and beneath of track line.
12	Indian Air Force	Indian Air Force shall get prepared with latitudes and longitudes of marooned areas for dropping food packets and air lifting.
13	Director of Medical Services	To keep ready medicines and ambulances at all Government Hospitals. To spare health personnel for mass inoculation, if required by Greater Chennai Corporation.
14	Director of Public Health	To work in close coordination with GCC for preventive measures have to be taken in advance before the outbreak of epidemics.
15	Tamil Nadu Civil Supplies Corporation Limited	To stock required commodities in all PDS shops.
16	Tamil Nadu Agro Industries Corporation	To supply tractor mounted pump sets with complete suction and lengthy delivery hose pipes.
17	Tamil Nadu Housing Board / Tamil Nadu Slum Clearance Board	To look after relieving of stagnant water, desilting of Stormwater drain within slum tenements area, clearing debris & garbage.

S. NO	DEPARTMENT	MITIGATION PLAN
18	Fisheries Department	To provide boats and catamarans as and when required by Fire Service Department, Police Department etc. To keep ready the contact details of boat operators engaged in rescue operation.
19	General Officer Commanding Head Quarters	To consider the suggestions made.
20	Director of Veterinary Service	To consider the suggestions made.
21	Greater Chennai Police	The communication equipment shall be installed in the Control Room of Ripon Building. To share informations like traffic clogging due to water stagnation, tree fall, status of traffic flow in subways etc.
22	Army Commandant	Will deploy Army personnel and other resources as and when the situation arises at their command.
23	Director of Ex- Servicemen	They will render assistance in the flood affected areas in the rescue operations.
24	Coast Guard	To render assistance in flood affected areas using their resources in the rescue operations.
25	Red Cross Society	For assisting in the flood affected areas with vehicles, men and materials.
26	Blue Cross, NGO, Volunteers	To render assistance with men and materials.
27	Chennai Metropolitan Development Authority	To consider the suggestions made.
28	Collectors of Chennai, Thiruvallur & Kancheepuram	Flood warning message shall be propagated to public if necessary in cooperation with GCC. Distribution of relief materials incase of huts damages, diseased cases etc. To identify and clear the encroachments.

9.0 ENHANCING DISASTER PREPAREDNESS

"Experience indicates that disaster preparedness needs to be strengthened for more effective response and ensure capacities are in place for effective recovery. Disasters have also demonstrated that the recovery, rehabilitation and reconstruction phase, which needs to be prepared ahead of the disaster, is an opportunity to "Build Back Better" through integrating disaster risk reduction measures. Women and persons with disabilities should publicly lead and promote gender-equitable and universally accessible approaches during the response and reconstruction phases"

- Sendai Framework for Disaster Risk Reduction 2015-2030

Enhancing disaster preparedness for effective response and "Build Back Better" in recovery, rehabilitation and reconstruction comprises is the fourth priority area of the Sendai Framework. Resilience of community, resistance to risks and avoidance of risks requires strengthening and enhancement of preparedness to ensure that the response to different disasters is effective through multistakeholder involvement. It also involves mitigation measures following systems approach.

9.1 Data Analytics for Strengthening Preparedness and Response

Big Data Analytics can play a significant role in strengthening management during different phases of the disaster. Data analytics enables real-time data analysis not only to map the most affected disaster areas, but also to uncover hidden patterns, unknown correlations and other vital information to make decisions and issue alerts before disaster onset and thereby help in effective preparedness, risk communication, response and relief & build back better strategies. The descriptive, predictive and prescriptive analytics will be used in multiple ways to handle disaster management more effectively during different phases of disaster.

9.2 Build Back Better for Rehabilitation and Reconstruction

Though all disasters pose multiple challenges, each disaster throws up new challenges and provides insights into the vulnerabilities even in areas that are considered to be safe. Systems approach sees opportunities in these challenges to build resistance of the communities and transform areas resilient to disasters through innovation, redesigning, retrofitting, capacity building and social inclusion. Government of Tamil Nadu has been facing these challenges and each time

responds by adopting build back better philosophy in the rehabilitation and reconstruction projects. Taking into account the vulnerabilities being faced by Tamil Nadu the build back better strategies through systems approach will focus on different vulnerabilities such as urban floods.

9.3 Collaboration with International and Domestic NGOs

Greater Chennai Corporation has established partnerships through MoUs with international NGOs such as the Rockefeller Foundation funded 100 Resilient Cities, C40 and GIZ, the German Development Agency. These organizations have been supporting GCC's efforts to strengthen resilience building efforts across various projects. Most recently, GCC and 100 Resilient Cities launched the Chennai City Resilience Strategy in June 2019 which features over 80 actions and recommendations that address vulnerable communities, disaster preparedness and planned urbanization, among other issues. GCC has also been collaboratively working with Chennai City Connect, a local NGO, on restoration of waterbodies.

9.4 Command and Control Centre

Command Control Centre is an integrated place for analysing, planning and decision making to deliver secure & healthy environment to citizens. Smart governance through Command and Control Centre (CCC) will improve delivery of services to citizens, businesses and will engage citizens in the process of governance through interaction.

CCC aims to provide a comprehensive view of all the smart initiatives undertaken by Authority with the focus to serve as a decision support engine for city administrators in day-to-day operations, and during disaster management situations. Major components part of the Command and Control Centre implementation are as follows.

- Command and Control Centre in Ripon Building
- Smart Data Centre Solution Hosted on Cloud
- Smart Sensors for rainfall, environment and flood monitoring across Chennai
- Variable Messaging Board
- City Surveillance System & Disaster Management System
- Mobile Command & Control Centre
- Smart Poles with Pubic Announcement Systems and Emergency Call Box

- ICT based Smart Solid waste/bin management system
- Integration of Smart Parking system
- Laying & Commissioning of Fibre Network for connecting sensors

9.5 Stormwater Drains

In order to prevent flooding in the city, Greater Chennai Corporation maintains the Stormwater drain network to a total length of 2071 km comprising of 8835 Stormwater drain structures. Besides, this, the Greater Chennai Corporation also maintains 31 canals for a total length of 49 km, which include Kodungaiyur Canal, Captain Cotton Canal, Padikuppam Canal.

In accordance with the policy of Greater Chennai Corporation to provide infrastructure facilities to the extended areas on par with the core Chennai city, for avoiding water inundation by safe disposal of rainwater, integrating the available tanks and lakes for disposal of the rainwater, rainwater harvesting and recharging of ground water and improvement in overall hygiene for sound health, the Greater Chennai Corporation has prepared a Detailed Project Report for Kosasthalaiyar, Cooum, Adyar and Kovalam Basin for the length of 1069.40 km of Integrated Stormwater Drain network.

In first phase, Construction of Integrated Stormwater drain in Adyar and Cooum basins, have been completed to a length of 406 Km under World Bank fund under Tamil Nadu Sustainable Urban Development Project (TNSUDP). 7 lakhs people living in Ambattur, Valasaravakkam and Alandur areas have been benefitted.

As far as Construction of Integrated Stormwater Drain in Kovalam basin in M1,M2 & M3 components has to be taken up for a length of 360 Km under KfW fund the German Development Bank. Peoples living in Thoraipakkam, Perungudi, Pallikaranai, Palavakkam, Injambakkam, Karapakkam and Madipakkam Palavakkam, Kottivakkam, Neelangarai, Injambakkam, Sholinganallur, Kanathur and Uthandi are benefitted.

The construction of Integrated Stormwater Drain Network in Kosasthalaiyar Basin to a length of 769 km in Greater Chennai Corporation under Asian Development Bank (ADB) have been taken up and work is in progress. Peoples living in Ambattur, Manali ,Madhavaram and Thiruvotriyur are benefitted.

Further as per the suggestions made by flood monitoring IAS Officers and as per DPR prepared by the consultant appointed by TNUIFSL Stormwater drain works have been taken up in core Chennai City in 527 locations under CMCDM and Smart City Fund, for prevention of stagnation of rain water.

Further Government of Tamil Nadu has allocated Rs.25 crore under TURIP fund for demolition and reconstruction of the major dilapidated Arch drains of Konnur High Road and Egangipuram canal and for the construction of Stormwater drain in the surrounding areas to a total length of 4.18 km and all the Stormwater drain works have been completed after carrying out the resettlement of the 370 slum families encroached over the Arch drain in the TNSCB tenements.

Government has Constituted an Advisory Committee for the management and mitigation of floods in Chennai metro on 21.06.2021 headed by Dr. V. Thiruppugazh IAS. Retired, Former Additional Secretary / Advisor, NDMA comprising of experts from IIT Bombay, IIT Madras, NRSC, Town and Contry planning organisation, New Delhi, Anna University, WRD, CMWSSB, CRA, CMDA, Department of Environment.

The Advisory Committee submitted the first interim report to Government on 03.01.2022 and second interim report on 17.05.2022.

As per the recommendations in interim report, Government of Tamil Nadu has announced the special fund for flood mitigation works. Based on the recommendation of the committee new projects are taken up for flood mitigation works under various funds such as Singara Chennai 2.0 phase I, Singara Chennai 2.0 phase II, I and A fund, Flood relief fund, etc.,

9.6 Rainwater Harvesting

A critical resilience solution, rainwater harvesting is the accumulation and storage of rainwater for reuse on-site, rather than allowing it to run off. Tamil Nadu is a pioneer in implementing the rainwater harvesting programme in the country. The state was one of the first states in India to make installation of rainwater harvesting structures mandatory for both old and new buildings. This success story of Chennai can be replicated throughout the country as the city's residents have ensured that rainwater is stored rather than adding to the Stormwater drains. Greater Chennai Corporation and Chennai Metropolitan Water Supply and Sewerage Board have

taken steps to strengthen rainwater harvesting across the city.

Restoration and Rejuvenation of Mambalam Canal

Restoration and rejuvenation of Mambalam Canal with retaining walls at required places, landscaping on the vacant lands available on both sides of the canal and provision of interventional modular STPs at various vantage points, adopting new initiatives like floating wetlands etc., will benefit the adjoining area, will give an appealing look to Chennai City.

9.7 Maintenance of Waterbodies and Urban Lakes

There are 210 waterbodies in Chennai city.

Waterbodies / Urban lakes are an intrinsic part of the urban ecosystem. They have tradionally served the function of meeting water requirements of the people for recharging of ground water, preventing water logging and flooding in neighbourhood. For centuries, these waterbodies played a vital role in ensuring water security to Chennai and its surrounding areas. Now, there is an urgent need to review these waterbodies and rejuvenate their ecosystem, thereby ensuring sustainable water security.

Out of the 210 waterbodies, Restoration of 173 Waterbodies have been complited under various funds such as smart city fund, Capital fund, CSR fund, and CMCDM fund. Restoration of 11 waterbodies are in progress under CMCDM fund. Restoration of 2 waterbodies are in progress under Namakku namme thittam. Restoration of 12 waterbodies have been taken up under Singara Chennai 2.0 fund and estimats prepared for 6 waterbodies to be taken up under Singara Chennai 2.0 fund. Proposed to take up 5 waterbodies for resoration under AMRUT scheme. Proposed to take up Eco restoration of Kadapakkam lake under GEF grant of ADB. Villivakkam Tank which is of 25.5 acres is being taken up for eco restoration and rejuvenation at a cost of Rs. 24 crore. This will serve as big water holding tank for Villivakkam and also will house lots of recreational activities apart from relieving water stagnation at Sidco Nagar area. This is taken up with Smart City Fund.

On completion of all these projects additional 1 TMC of water would be stored in these waterbodies and shall recharge the groundwater table and also relieve the water stagnation in neighbourhoods.

9.8 Maintenance of Canals

Greater Chennai Corporation is maintaining 30 canals for a length of 49 kms. 2 Amphibian Vehicle is used to clean the major canals and 4 robotic excavators and 3 mini Amphibian are used to clean the canals by removing water hyacinth, rank vegetation, floating materials and de silting. All canals are being cleaned twice in a year. The carrying capacity of the canal has been increased thereby Stormwater flow capacities of canals are enhanced.

9.9 Urban Floods - A Comprehensive Plan for Chennai

A comprehensive plan for Chennai and peri-urban areas to address the recurring water stagnation, vulnerability in these areas is being prepared. The various mitigation measures that will be implemented are detailed below:

9.9.1 Comprehensive Flood Protection to Minimize Risks in Greater Chennai and its Peri-urban Areas

The rapid urbanisation of Greater Chennai and peri-urban areas falling in the neighbouring Districts of Kancheepuram and Thiruvallur has created huge stress on the existing urban infrastructure and also necessitated the creation of infrastructure anew in the pockets of urbanisation. One of the adverse consequences of the rapid urbanisation is the change in land use pattern resulting in a situation where new colonies have sprung up on a massive scale in the erstwhile farmlands and waterways of the innumerable waterbodies, that dot the landscape of Chennai, Kancheepuram and Thiruvallur Districts. Greater Chennai and its peri-urban areas are spread over an almost flat terrain along the coastal plains, having an average altitude of only 4.00m to 6.00m above Mean Sea Level. The entire surface runoff drains into the Bay of Bengal only through the outlets namely, Ennore creek on the north, Cooum and Adyar river mouths in the centre and Kovalam creek in the south. The drainage network behind the above outlets formed with natural flood bowls like Ennore backwaters, Pallikkaranai marshland and Muttukadu backwaters spread over tidal flats and vast areas of floodplains along the natural rivers, are no longer able to render their functions due to the changes in the land use induced by rapid urbanisation and industrial needs resulting in inundation in the upstream areas. The discharging capacities of the abovedischarging outlets are also under severe stress due to shrinking of the width of the creeks/river mouths and inlets that pass through the marshlands, as a consequence of multiple factors that include

- 1. Encroachments,
- 2. Siltation,
- 3. Change in land use pattern,
- 4. Existence of naturally formed ecologically sensitive shoals within the creek,
- 5. Sedimentation due to littoral movements,
- 6. Accumulation of garbage along the waterways and
- 7. Increased tide level during extreme weather condition.

The new land use pattern has not only thrown up several challenges for the urban planners but also threw new challenges for disaster management. These new challenges get pronounced during the monsoonal periods since several

buildings have been established in the many of the waterbodies, waterways, floodplains and farmlands. Coupled with the rapid urbanisation, the emergence of industrial establishments in the flood bowls and floodplains resulted in disruption of the erstwhile drainage system in the watersheds of the four major rivers traversing the three districts of Chennai, Kancheepuram and Thiruvallur. The disruption of the drainage system has compounded the fragility of the ecosystems such as creeks and marshlands impacting the flood mitigating service rendered by these ecosystems. The mitigation measures proposed to avert flooding problems in the newly developed areas include

- Delineation of the flood-prone areas in the fringes of flood bowl and in the flood plains and evolving suitable method for draining the run-off from these areas by constructing flood walls on the boundary of flood bowl /rivers and collection wells for Stormwater with suitable pumping mechanism to drain the water into the river system.
- 2. Forming link canals and diversion canals for discharging surplus of tanks into the river system wherever feasible.
- Where roads have been formed in the erstwhile waterways, cut and cover conduit system will be adopted to ensure proper drainage.
- Installing decentralized incinerators to dispose the generated garbage effectively instead of the routine practice of dumping those (landfills) in the waterbodies.

The Greater Chennai city and its urban neighbourhoods are spread over the river basins of Kosasthalaiyar, Cooum, Adyar and Kovalam which are connected through the Buckingham Canal formed parallel to the coast in the tidal flats. This system also functions as a unique system for draining surface run off from the isolated water sheds sandwiched in the above 4 basins through the river mouths viz., Ennore creek, Cooum river mouth, Adyar river mouth and Kovalam creek. All these systems will be treated holistically to mitigate the risks for which detailed estimates are being prepared and taken up in a phased manner. The financial requirement is expected to be about Rs.2800 crores.

9.9.2 Integrated Cooum River Eco-Restoration Plan

The Eco-restoration activities (60 subprojects) for a 27.33 km stretch of the

river between Paruthipattu and the river mouth are under progress. The stretch of Cooum River in the urban and peri-urban areas of Chennai is being rehabilitated and restored by implementing Cooum River Eco-Restoration Project in which the following works are under progress through the line departments namely PWD, GCC, CMA, DRD, CMWSSB and TNSCB under the coordination of CRRT:-

- Desilting, demarcation and fixing boundary stones and bio-metric survey and improvements to the river like forming inner canal, providing rip rap cover for the inner canal with Geo textile fabric base, providing coconut blanket on the river banks to prevent erosion.
- 2. Solid waste removal, fencing, boom deployment for collecting and removing floating and suspended debris, developing parks, cycle tracks and walkways
- 3. Solid waste removal, fencing and developing parks
- 4. Laying interceptors, installing modular sewage treatment plants and UGSS
- 5. Resettlement and Rehabilitation Plan
- 6. Mangrove development, flora plantation, community education programmes and monitoring of project implementation.

By implementing the above scheme flood risk mitigation, environmental enhancement and ground water potential improvement are assured. The restoration works were started in 2016 and the Government has accorded Administrative Sanction of Rs 604.77 crores for the short-term phase of the project.

9.9.3 Adyar Basin

9.9.3.1 Ecological Restoration of Adyar Creek and Estuary – 358 acres (Phase I & Phase II)

The Government of Tamil Nadu conceived an ambitious and pioneering project in wetland conservation for the restoration of 358 acres of Adyar creek and estuary. Phase I included restoration activities such as removal of solid waste, increase in tidal interaction and planting of native species of plants which were undertaken in 58 acres of Adyar creek. This area is called Adyar Eco Park. After the completion of restoration activities, this wetland has undergone a remarkable transformation with a sizeable increase in faunal diversity and tidal interaction. The Eco Park

today functions as a Centre for Environmental Education and Research Activities. To impart knowledge on the environment to the community, particularly for school children, regular environmental education programmes are being conducted in Adyar Eco Park. The restoration of the Phase II Adyar Creek and Estuary (300 acres) was initiated in 2014. To enhance the tidal interaction and to increase the water spread in the degraded creek debris and sludge were removed along with the removal of exotic and invasive species like Prosopisjuliflora, followed by bund stabilization. About 35,000 mangroves and 50,000 terrestrial saplings have been planted. All the project activities have now been completed in total and regular maintenance work is being carried out.

9.9.3.2 Phase III Adyar River Restoration from Origin to Mouth

The Adyar River has been under heavy anthropogenic disturbance for a very long duration and is highly degraded. The Eco-restoration plan for the entire 42 km stretch of the river from Adhanur lake to the River mouth has been prepared and the major components proposed are sewage management, solid waste management, river channel improvement, rehabilitation and resettlement, biodiversity management and riverfront development. The Government has accorded Administrative Sanction of Rs 555.46 crores in July 2017 for the short-term phase of the project.

9.9.3.3 Interlinking of Adyar River and Palar Basin

2015 December floods revealed that the stretch of Adyar River within Chennai urban limits is incapable of discharging the flood of magnitude exceeding 10-year return period. In order to, minimize the risk due to the floods of higher return period, it is being examined the possibility of diverting the flood waters from the upper reaches of the Adyar River through a flood carrier canal with regulatory arrangements from the surplus channels of Sriperumbudur tank to Palar river by connecting the surplus courses of Pillaipakkam tank and Thenari tank (Neenjalmadavu) for which investigations are in progress.

9.9.3.4 Restoration / Formation of the Disrupted Links for the Connection of Minor Irrigation Tanks

The watershed of Pallikaranai marsh land situated in South Chennai Metropolitan limits is having a drainage area of about 225 sq. km. in which 60 and more no. of medium and minor irrigation tanks are situated. Due to the changes

in land use pattern for residential and industrial needs, the channels draining the surplus water of these tanks got disrupted. Hence, in order to convey the surplus water of the tanks safely into Pallikaranai marsh land a proposal for restoration / formation of the disrupted surplus channels with open channels, or closed conduits under the roads or combination of both depending upon the present land use is under consideration at a cost of about Rs.1000 crores. In order to avoid inundation in the low lying areas of Tambaram, Mudichur, Perukalathur areas in Adyar Basin, construction of Stormwater drain for 4400 meters at an estimated cost of Rs.14.5 crores is in progress under CRIDP 2016 – 2017 scheme through Highways and Minor Ports department. Similarly, in other urban areas in Adyar & Kovalam Basin adjoining Chennai, a proposal for forming Stormwater drains in areas under the jurisdiction of Highways, Rural Development, Municipal Administration and Town Panchayats is contemplated by the respective departments at an estimated cost of Rs.230 crores. The Greater Chennai Corporation will develop integrated Stormwater drains in the extended areas.

9.9.3.5 Integrated River Restoration for Buckingham Canal, Kovalam & Ennore

To ensure that the river restoration is holistic and comprehensive three separate studies have been commenced for the preparation of DPR for plugging of outfalls, interception and diversion of sewerage, solid waste management and R&R in the major drains draining into the Adyar River and Buckingham Canal. The Ennore and Kovalam Creeks are highly sensitive ecosystems which play a very important part in the ecological, hydrological and social security of the local inhabitants. Due to the burgeoning population in the Chennai Metropolitan Area, the Ennore and Kovalam Creeks are highly degraded by the disposal of wastewater from surrounding ULBs and industries. In this connection, Detailed Project Report (DPR) for Restoration of Ennore Creek and Kovalam Creek has also been initiated.

9.9.3.6 Master Plan for Waterways and Waterbodies in Chennai Metropolitan Area

The Government of Tamil Nadu has announced in the Assembly its plan to restore 42 waterbodies in CMA. Out of 42 waterbodies planned to be restored, CRRT has already completed the preparation of restoration plans for four lakes, namely Chetpet Lake, KilkatallaiEri, ZaminPallavaramPeriyaEri and Pallikaranai

NarayanapuramEri. Therefore, the remaining 38 waterbodies are being identified for restoration. To this end, an inventory of tanks and lakes lying within the boundary of Greater Chennai Corporation and those lying outside the boundary of GCC, but within CMA was taken up. This survey identified 200 waterbodies within this area. For the 38 identified lakes, detailed conceptual plans have been prepared. For the remaining waterbodies, baseline data has been collected and detailed conceptual plans will be developed soon and the projects executed in the years to come.

9.9.4 Flood Mitigation measures in Urban areas of Kancheepuram and Thiruvallur Districts

Flood mitigation interventions in both districts will reduce the flood risk in Chennai.

The coastal district of Kancheepuram lies on the western and southern side of Chennai city which spreads over the river basins of Cooum, Adyar, Kovalam, Palar and Ongur. It's entire surface run of drains through rivers namely Cooum, Adyar, Kovalam creek, Ongur and Palar with its tributaries like Vegavathi, Cheyyar, Killiyar, Neenjal Maduvu and isolated independent water sheds of Pallikaranai and Perumbakkam Maduvu draining into sea through Buckingham canal. The rivers in Kancheepuram District are seasonal having floods during the period of heavy rainfall in Northeast Monsoon since the areas close to the coast in the river basins of Kancheepuram like Pallikaranai, Perumbakkam, Tambaram and the urban areas adjoining the rivers are highly prone to inundation during floods due to flat terrain with very low elevations.

The coastal district of Thiruvallur District lies on the western and northern parts of Chennai city which is spread over the river basins of Cooum, Adyar, Araniyar and Kosathalaiyar with its tributaries namely Nandhiyar, Nagariyar and isolated independent water sheds like OtteriNalla, Captain Cotton canal, Kodungaiyur, Redhills etc. draining into Kosathalaiyar through Buckingham canal. The rivers in Thiruvallur District are seasonal having floods during the period of heavy rainfall in Northeast Monsoon since the areas close to the coast in the above isolated water sheds like Manali, Madhavaram, Kolathur, Korattur, Ambattur, Redhills adjoining north Chennai and the urban areas adjoining the rivers are highly prone to inundation during floods due to flat terrain with very low elevations. In order to reduce the flood risk the following intervention in Kosasthalaiyar basin is being implemented and contemplated, among other interventions.

Poondi reservoir, Redhills and Cholavaram tank in Kosasthalaiyar basin are being rehabilitated for an estimated cost of Rs. 10.46 crores under Dam Rehabilitation Improvement Project with World Bank assistance which will also minimise flood risk in North Chennai besides formulating emergency action plan for their flood regulation. It is proposed to desilt to a depth of 1.5 meters in about 50% of the water spread area of the three water model which will minimise flooding problems in the peri-urban areas of North Chennai and also improve the Chennai water supply position during the drought periods. It is also proposed to form subsurface storage structures in the peri-urban areas of Chennai in Kancheepuram, Thiruvallur and other Districts to reduce flooding problems and also to improve the Ground Water potential by desilting 34 nos. of tanks deeply below the sill level of their sluices for an amount of Rs.20.51 crore.

9.10 Prioritizing Afforestation

The Vardah Cyclonic Storm which made landfall on 12.12.2016 with a wind speed of 120-130 kmph, created a sea of devastation. 17,157 trees were uprooted on the roads and 1,478 trees were uprooted in 304 parks. Greater Chennai Corporation has taken sincere efforts to improve the green cover in Chennai City.

GCC had appointed a technical consultant M/s Care Earth Trust Private Ltd., to prepare a plantation strategy. The main scope of this work was to identify the methodology and evolve strategies to increase the green cover in Chennai City and also to identify species which can survive in the local environmental conditions (Native Trees). As part of this strategy, 23000 tree saplings were planted in Chennai City during the financial year 2018-19 at an estimated cost of Rs. 5.29 Crore.

While restoring the tree cover, priority is accorded to the native species that are known to withstand high gusting winds, along with species that have been indigenized several centuries back. Exotic species that are easily uprooted during high winds will be avoided. Further during the current financial year 2019-20 it is proposed to plant 50,000 tree saplings Chennai City

9.11 Fire Accidents

Chennai is at a very high risk category for fire accidents. The analysis was borne out of assessing the population density, residential built-up area and

Industrial areas in these districts. In order to enhance the preparedness of the Fire & Rescue Services Department, the Government of Tamil Naduhas been strengthening the department by procuring modern equipment which can play a significant role in dousing the fires quickly. The Fire Services Training Institute will also be strengthened in the years to come to build the capacity of personnel of the department, as well as act as a nodal agency for building the capacity of First Responders in collaboration with Red Cross and other NGOs.

9.12 Bioshields

Natural disasters like cyclone, tsunami cannot be prevented, but its adverse impacts can be mitigated to a great extent by raising bioshields along the Coast. Bioshields are barriers raised perpendicular to the direction of the wind that is capable of protecting the coastal environment by absorbing the energy from wind, tide and wave action. The coastal sand dunes formed by the action of coastal wind have been stabilized by raising shelter belts. These natural barriers act against coastal disasters and thus protect lives and properties within the coastal zone. It was observed that the intensity of Tsunami was snapped up by a belt of green vegetation and some locations in the path of the 2004 "Indian Ocean Tsunami" escaped almost without damages.

Taking into account the potential of bio-shields in mitigating the risks of nature's fury, the Government of Tamil Nadu will adopt an integrated approach in restoration and conservation of coastal ecosystems, to promote sustained livelihood and effective coastal protection. Coastal bio-shields besides offering long-lasting solutions are also cost effective. Ennore Creek and Adyar Estuary serve as bioshields.

Furthermore, rapid population increase and urbanization have resulted in increased levels of pollution in cities, towns and the surrounding sub-urban areas. Tree plantations are being raised in the urban and surrounding areas under Chennai's Plantation Strategy with the objectives of controlling the adverse effects of air, water and noise pollution and improving the aesthetic appearance of these areas and create more lung spaces.

9.13 Climate Change Adaptation Programme

Global warning and consequent climatic change will have deleterious impacts on a host of sectors and climate change induced disasters will be a major

challenge for mankind in the years to come. The vulnerability is expected to be very substantial in coastal ecosystems and coastal communities requiring multi-sectoral interventions and multi stakeholder involvement. The Tamil Nadu State Action Plan on Climate Change (TNSAPCC) has identified inter alia, the following seven major vulnerable sectors,

- Agriculture
- Water Resources
- Coastal Ecosystems
- Forest Ecosystems & Biodiversity
- Habitat Human as well as Animal
- Health
- Public infrastructure

Greater Chennai Corporation is already restoring waterbodies to adapt to the impacts of climate change. In the coming years, climate change adaptation will be one of the major focus areas.

9.14 Green Climate Fund (GCF)

The Green Climate Fund (GCF) was adopted as a financial mechanism of the UN Framework Convention on ClimateChange (UNFCCC) to assist developing countries in adaptation and mitigation practices to counter adverse effects of climate change. The Department of Environment, the nodal agency for implementing the TNSAPCC in Tamil Nadu, will coordinate efforts with the concerned line Departments in consultation with the National Bank for Agriculture and Rural Development (NABARD) to submit proposals under GCF.GCC is considering the submission of a projectfor GCF funding.

9.15 Protection and Restoration of Ecosystems

Ecosystems besides providing essential service of maintaining bio-geochemical cycles are also extremely important due to the services rendered by them in flood, drought and other disaster mitigation. All the diverse ecosystems are vital for sustainable development. The Government of Tamil Nadu will endeavour to restore the different ecosystems that have been damaged and restore their vibrancy.

9.16 Conservation of Coastal and Marine Ecosystems

The marine and coastal ecosystems of Chennai are of utmost importance for the overall wellbeing of the region including supporting activities such as fishing, shrimp farming, saltpans, shipping and tourism. The most important ecosystems are the mangroves, estuaries, wetlands, marshes, etc. Despite their immense significance, these ecosystems are being rapidly degraded as a result of high population growth, unsustainable development, over-exploitation of natural resources, loss of habitat, loss of biodiversity, pollution and climate change. Therefore, there is an urgent need to conserve, protect and restore coastal and marine ecosystems, to secure back the multiple ecosystem services rendered by them. The Government of Tamil Nadu proposes to continue schemes for protection and conservation of important wetlands like Pallikaranai in 2017-18 and the coming years.

9.16.1 Eco-Restoration of Interface Ecosystems

The interface ecosystems are very heterogeneous and include macrotidal estuaries, marsh lands, mangrove dominated wet lands, creeks, beach sands etc. Theses ecosystems play a vital role ecologically through the multiple services rendered by them. They also help in flood mitigation and water absorption to recharge the aquifer. The State Government is committed to protecting the estuaries, wetlands, creeks & marshlands.

Pallikaranai Marsh Land a unique freshwater swamp located within the Chennai Metropolitan area situated in parts of Perungudi, Pallikaranai and Thoraipakkam villages of Kancheepuram districts will be reclaimed & restored. An area of 690.65 ha is under the control of Tamil Nadu Forest Department and a comprehensive scheme will be implemented over for a period of five years from 2017-18 with an outlay of about Rs.250 crores, for taking up various restoration activities like habitat improvement, protection, research, monitoring, publicity and awareness. Conservation Authority Pallikaranai Marshland has been constituted to monitor all the activities.

The Government will also launch special programmes for restoration and protection of Ennore Creek.

9.17 Integrated Development of Vulnerable Areas

Disasters can wipe out years of development within minutes or even seconds as is the case during tsunami and earthquakes, within hours / days as in the case

of cyclonic storms and over a prolonged period as in the case of as in the case of a creeping disaster like drought. The risks get accentuated in view of the extreme weather events, unplanned urban development, indiscriminate over exploitation of various ecosystems. Therefore, the integrated development of vulnerable areas will be achieved through special mitigation measures, mainstreaming disaster risk concerns into the sectoral schemes and convergence of different structural & non-structural schemes.

APPENDIX - I

Contacts

SI.No.	Office	Contact No.
1	Chief Secretary	044 25671555
2	Secretariat EPABX	25672304
3	Revenue Department	25671556
4	State Relief Commissioner	28524981/ 28511593 /1070(Toll free)
5	Director General of Police	28448000 / 28447701
6	Commissioner of Police Control Room	23452359 / 320 / 380
7	Home Guards	9443312255 / 28446455 / 24463272
8	Collectorate, Chennai	25228025 / 2523/ 4403
9	Public Works Department	28410402 / 403 /404
10	Highways Department	22351099
11	Fire & Rescue Services Department	28553101 / 28592101
12	IMD, Chennai	28271951 / 28246037
13	Indian Coast Guard	25391718 / 23460450
14	Fisheries	29510390 / 0406 / 0407
15	Greater Chennai Corporation Satellite Phone	8991119501
16	Commissionerate of Revenue Administration and Disaster Management Department Satellite Phone	81742, 81743

State Emergency Operation Center in CRA office			
Toll Free	1070		
Land Line	044 - 28410540 / 541 / 544		
Land Line	044 - 28414550 / 28415551		
Fax	28410577		
E-mail tnstateeoc1@gmail.com			

NAME/DESIGNATION	OFFICE PHONE NO.
Hon'ble Mayor	044-25384438 044-25619300
Deputy Mayor Office	044-25382979 044-25619210

NAME/DESIGNATION	MOBILE NO.	OFFICE PHONE NO.
COMMISSIONER	9842042722	044-25381330 044-25619200
Addl.Commissioner (Health)	9445190996	044-25619336 044-25386386
Addl. Commissioner (R&F)	9445190995	044-25619306
Deputy Commissioner (Works)	9445190998	044-25384231 044-25619351
Joint Commissioner (Education)	9445190997	044-25383693 044-25619205
Assistant Commissioner(GA&P)	9445190300	044-25619231 044-25303633
Chief Engineer (General, Parks, Bridges, Buildings)	9445190734	044-25383692 044-25619317
Chief Engineer(Electrical / Planning / Mechanical / SWM)	9499956219 9445190017	044-25619283
City Health Officer	9445190744	044-25303665 044-25619330
Senior Law Officer	9445190222	044-25619412
Revenue Officer	9445190742	044-25383614 044-25619370

NAME/DESIGNATION	MOBILE NO.	OFFICE PHONE NO.
Council Secretary	9445190226	044-25382357 044-25619323
Accountant Officer (H.O.)	9445026005	044-2533801
Veterinary Medical Officer	9445190746	044-25303657
City Medical Officer	9445190857	044-25619338 044-25619334
Addl.City Medical Officer	9445190858	044-25619653
Education Officer	9445190747	044-25619462 044-25619428
Superintending Engineer (BRR / Electrical)	9445190735	044-25619281
Superintending Engineer(Spl.Project)	9445190852	044-25619824
Superintending Engineer (SWM / Mechanical)	9445190738	044-25303910
Superintending Engineer(SWD)	9445190732	044-25619315
Superintending Engineer (CRRT & Parks)	9445026061	044-25619302
Superintending Engineer (Bridges & Co-ordination)	9445190801	044-25619279
Superintending Engineer (Buildings / Town Planning)	9445190733	-

Office Regional Deputy Commissioner (North)

NAME/DESIGNATION	CONTACT NUMBERS
RDC (North)	9445025800, 044-25200025, 9445477658
Deputy Collector (Administration)	9445477657, 044-25201076
Deputy Collector (Revenue)	9445467336, 044-25201076
Addl. GCC. Health Officer	9445026001
Head Accountant Officer	9445026063
Superintending Engineer	9840189656

Regional Deputy Commissioner Office (Central)

NAME/DESIGNATION	MOBILE NO.
RDC (Central)	9445190150 / 9445190698
TIBO (OCINIAI)	044-26640224
Deputy Collector(Administration)	9445477660
Deputy Collector (Revenue)	9443019915
Addl. GCC. Health Officer	9445026002
Head Accountant Officer	9445026037
Superintending Engineer	9445190100

Regional Deputy Commissioner Office (South)

NAME/DESIGNATION	MOBILE NO.
RDC (South)	9445190100 9445190830 044-24425982
Deputy Collector (Administration)	9445191439 044-24425982
Deputy Collector(Revenue)	9445477653
Addl. GCC. Health Officer	9445026003
Head Accountant Officer	9445026036
Superintending Engineer	9445190737

Emergency Contact Numbers

Institution	Contact Number
Police	100
Traffic Police	103
Ambulance	108
Fire Control	101
Ambulance of Fire Services Dept.,	102
Child Line	1098
Women Help Line	1091
Lions Blood Bank	28415959
Apollo Ambulance	1066
St. Johns Ambulance Association	28194630
Trauma Care Consortium	28150700
Government General Hospital	25305000
Government Kilpauk Hospital	28364951
Govt. Kasturba Hospital for Women	28545449
Institute of Child Health & Hospital	28191135
Government Royapettah Hospital	28483051
Government Stanley Hospital	25281347
Child Trust Hospital	42001800
Voluntary Health Service	22541972
Red cross	044-28554548
Blue cross	044-22354959 / 22300666 / 22300655

Contact details of the Officials at the Zonal level

Zone	Zone Office	Zonal officers	Executive Engineers	Assistant Health officers	Assistant Revenue Officers
Zone 1	04425993494, 9445190201	9445190001	9445190021, 9445190102	9445190061	9445190081, 9445467332
Zone 2	04425941079, 9445190202	9445190002	9445190022, 7200129107	9445190062	9445190082
Zone 3	04425530427, 9445190203	9445190003	9445190023 9445190482	9445190063	9445190083
Zone 4	04425951083/199 9445190204	9445190004	9445190024, 9445190940	9445190064	9445190084, 9790797999
Zone 5	04425206655, 9445190205	9445190005	9445190025, 9445190461	9445190065	9445190085, 9445071039
Zone 6	044-26741802 044-26749990 9445190206	9445190006	9445190026, 9445190038	9445190066	9445190086,
Zone 7	04426253331, 9445190207	9445190007	9445190027, 9445194759	9445190067	9445190087, 9444576365
Zone 8	044-26640078, 9445190208	9445190008	9445190028, 9445467320	9445190068	9445190088,
Zone 9	04428170738, 044-28174775 9445190209	9445190009	9445190029, 9445190864	9445190069	9445190709
Zone 10	04424838968 , 044-24801959 9445190210	9445190010	9445190030, 9445191466	9445190070	9445190090, 9841534974
Zone 11	04424867725, 044-24867054 9445190211	9445190011	9445190031, 9445477702	9445190071	9445190091
Zone 12	04422342355, 9445190212	9445190012	9445190032, 9445194727	9445190072	9445190092
Zone 13	04424425961, 04424425963 9445190213	9445190013	9445190033, 9841278118	9445190073	9445190093
Zone 14	04422420600, 9445190861 9445190214	9445190014	9445190034, 9445026083	9445190074	9445190094
Zone 15	04424500923, 9445190215	9445190015	9445190035, 9555191480	9445190075	9445190095

Other Contact Numbers

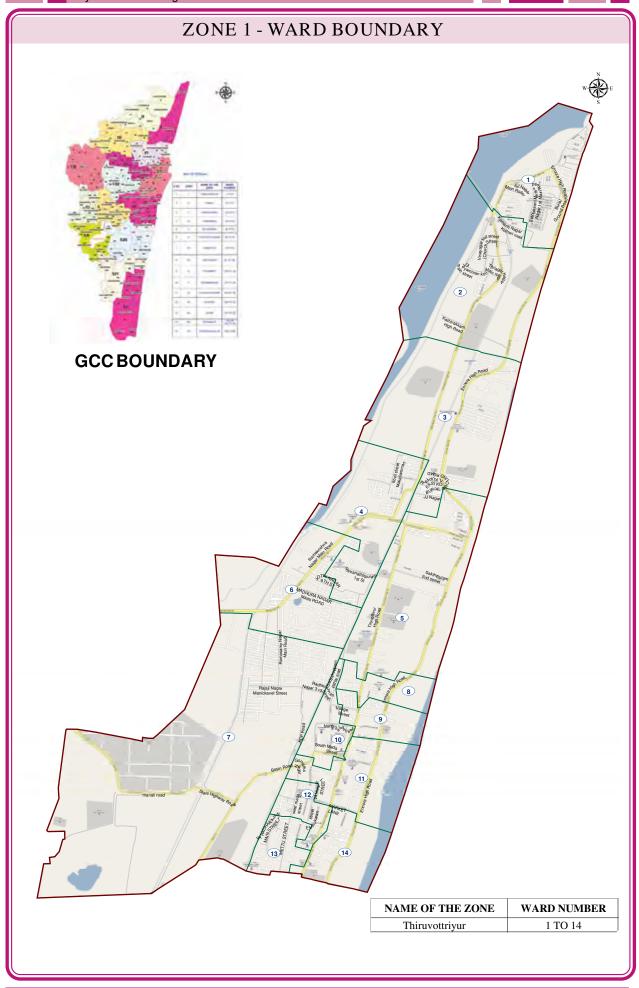
Institution	Contact Number
Highways Directorate	044 - 22351066
TANGEDCO	1912 / 044 - 28514955 Whatsaap - 9445850829
CMWSSB	044 - 45674567
Chennai Metro Rail	044 - 23792000 1860 - 425 - 1515

ZONE - I

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THIRUVOTTRIYUR



Profile

The Thiruvottiyur zone lies in **Latitude 13.15616°**, **Longitude 80.30145°** covering an area of **28.51 Sq.km**.

There are 1516 roads, out of which 1502 roads to a length of 215.64 Km are Interior Roads, 6 Roads to a length of 6.66 Km are Bus Route Roads maintained by GCC and the remaining 10 roads are under the maintenance of Highways department and 2 roads are under NHAI.

The population is about 3.50 lakhs that has Male population of 50.25% and Female population of 49.75 % in this zone. The most densed area in the zone is Thiruchina Kuppam with a population of 33,255 and the least is Kathivakkam with a population of 20,384. The Ward wise population of the zone is given below,

SI.No.	Ward. No/Name	Total House Holds	Total Population
1	1 Sathyavani muthu nagar	6379	24716
2	2 Kathivakkam	4557	23918
3	3 Annai Sivagami nagar	10703	29203
4	4 Ernavoor	5993	20256
5	5 Wimco nagar	5112	22892
6	6 Sathyamoorthy nagar	7457	32289
7	7 Ramasamy nagar	7473	26553
8	8 Periyar nagar	3877	17185
9	9 Thiruvottiyur Kuppam	4239	16769
10	10 Maatu mandai	7782	21236
11	11 Kaladipet North	5441	18212
12	12 Kaladipet South	5653	26458
13	13 Sathma nagar	6139	21689
14	14 Thiruchina Kuppam	1153	21954
	Total	82868	323330

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Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	1 to 14	9445467010
2	Zonal officer	1 to14	9445190001

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation, jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Num- ber
1	Executive Engineer-1	U-1 & U-2	9445194727
2	Executive Engineer-2	U-2 A & U-3	9445190021
3	Assistant Executive Engineer	U-1 (1 to 4)	9445190101
4	Assistant Executive Engineer	U-2 (5 to 7)	9445190102
5	Assistant Executive Engineer	U-2A (8 to 10)	9176177232
6	Assistant Executive Engineer	U-3 (11 to 14)	9445190103
7	Additional Divisional Engineer, Electrical	1 to 14	9445190041
8	Assistant Executive Engineer, Mechanical	1 to 14	9445190493

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	Assistant Executive Engineer (SWM)	1 to 14	9445467361
2.	Conservany supervisor	1 to 4	9445191401
3.	Conservany supervisor	5 to 9	9445191402
4.	Conservany supervisor	1 to 14	9445191403

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI.No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone I	9445190061
2	Veterinary Surgeon	Zone I	9787032116
3	Entomologist	Zone I	9941627096
4	Sanitary Officer	1to 4	VACANT
5	Sanitary Officer	5to 9	9940244179
6	Sanitary Officer	10to14	9445190681
7	Zonal Medical Officer	Zone 1	9444803458
8	Medical Officer	2/KathivakkamUPHC	9884883403
9	Medical Officer	3/ErnavoorUPHC	9840180603
10	Medical Officer	4/KuppamUPHC	VACANT
11	Medical Officer	11/ThiruvottiyurUCHC	9444818168
12	Medical Officer	11/ThiruvottiyurUPHC	VACANT
13	Medical Officer	12/SathangaduUPHC	6379498040
14	Medical Officer	14/ThnagalUPHC	8122442254

S.No	Ward No.	Name & Location of Hospital	Name of Medical Officer	Contact Number
1	2	Kattivakkam UPHC	DR.R.M.Geetha	9884883403
2	3	Ernavoor UPHC	Dr. M Vengatesh	9840180603
3	4	Kuppam UPHC	Dr.R.M.Subhashini	VACANT
4	11	Thiruvottiyur UPHC	Dr.Vijayalakshmi	VACANT
5	11	Thiruvottiyur UCHC	Dr.J.Princy	9444818168
6	12	Sathangadu UPHC	Dr.Madhavan	6379498040
7	14	Thangal UPHC	Dr.A Bhargavi	8122442254

Parks

There are 7 Parks available in Thiruvottiyur zone. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No.	Equipment available	Area of operation
1	Park Overseer 9445071070	Telescopic tree cruner-3, Chain saw tree cutting machine-8	Ward (1 to 14)

1	1	Thazhankuppam Slum Board Quarters, K.H road, Ennore
2	2	Ulaganathan park,Nehru Nagar Park Street, Ennore
3	3	Tsunami Quarters Park-2, AIR Nagar, Ennore
4	3	Tsunami Quarters Park-4, AIR Nagar, Ennore
5	3	TNSCB Land Park 1
6	3	TNSCB Land Park 2
7	3	TNSCB Land Park 3
8	3	TNSCB Land Park 5
9	3	TNSCB Land Park 6
10	3	TNSCB Land Park 7
11	3	TNSCB Land Park 8
12	3	TNSCB Land Park 9
13	3	TNSCB Land Park 10
14	3	TNSCB Land Park 12
15	3	TNSCB Land Park 13
16	3	TNSCB Land Park 14
17	3	TNSCB Land Park 15
18	3	TNSCB Land Park 16

5	Hansa Garden Park / Ajax TVT
5	Sakthipuram Park, Srirangam new town, Ernavoor, Chennai-57
5	M/s.MRF Limited Ennore Express Road, Thiruvottiyur
5	Wimco Co -Operative Housing Society, Sakthipuram 2nd Street
7	Glass Factory road Near Balakrishna Nagar, Thiruvottiyur
7	Hansa Gems Park
7	Ashok Avenue Park
7	Sathangadu Land
7	Balakrishna nagar park land
11	Shanmuganar Park, Thiruvottiyur high road, Chennai-19
11	Slum Tenement park, OSR Land Ellaiamman koil street, Thiruvot-
11	tiyur
11	State Bank colony children's park land
14	Thiruchinakuppam TNSCB OSR land
	5 5 5 7 7 7 7 7 11 11

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are six pumping stations available in Thiruvottiyur Zone with average capacity of 1.4 MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station are given below,

SI.No.	Pumping Station	Capacity MLD	No. of pumps
1	South Mada street	1.80	20 HP-1, 15 HP -1
2	Kilijoshiyam nagar	2.00	60 HP-1
3	K.R.Ramasamy nagar	0.80	10 HP-1
4	Periyamettupalayam	0.80	7.5 HP-1
5	Sadayankuppam	0.80	10 HP-1
6	West mada street	2.40	30 HP-1
	Total	8.6	7

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Tamil Nadu Slum Clearance Board tenements

There are 5 TNSCB tenements in Thalankuppam, Tsunami quarters, Ellaiamman koil street, Village street & Thiruchinakuppam with a population of 30719. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers are as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are as given below,

S.No.	Ward No.	Tenement location	No. of tenement	Population
1	1	Thalankuppam	468	2110
2	3	Tsunami quarters	5440	22400
3	9	Village street	336	1546
4	11	Ellaiamman koil street	480	2400
5	14	Thiruchinakuppam	492	2263
		Total	7216	30719

Contact details

Department	Designation	Area	Contact No.
Conservancy/ GCC	Conservancy Supervisor	Thalankuppam	9445191401
Conservancy/ GCC	Conservancy Supervisor	Tsunami quarters	9445191401
Conservancy/ GCC	Conservancy Supervisor	Village street	9445191402
Conservancy/ GCC	Conservancy Supervisor	Ellaiamman koil street	9445191403
Conservancy/ GCC	Conservancy Supervisor	Thiruchinakuppam	9445191403
Water Sup- ply& Sewage / CMWSSB	Area Engineer	Thalankuppam, Tsunami Quarters, Village street	8144930001
TNSCB	Executive Engineer	Thalankuppam, Tsunami Quarters, Village street	9445074846

Water Bodies and Waterways

There is only one Canal passing in this zone (1) **Buckingham canal**, Mainta ined by PWD which touches the zone from Manali Basin Road and travels about 10.75 Km and joins sea at Nettukuppam.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 18.25 km to ease the flow of rain water.

The details of various water bodies in this zone are listed below,

Canals

SI. No.	Wards Covered	Name of the Canal	From	То	Length of Canal (Km)
1	1 to 7	Buckingham canal	Manali Basin Road	Nettukuppam	10.75

Other water bodies

SI. No	Ward No	Name of other water bodies	Length / Area
1	7	Sathankadu Eri	3,12,000 m ²
2	10	Vadivudaiyamman Koil tank	7,631 m²
3	11	Perumal koil tank	6,250 m ²
4	1	ThamaraiKulam pond	42,103 m²
5	6	Jothi Nagar Pond near Vivekanan- da School	5950 m2

ZONE 1 - WATER BODIES CANAL Canals Length of ID. No. Ward Name of the Canal From То Canal (Km) Buckingham canal Manali Basin Road Nettukuppam 10.75 C1 1 to 7 OTHER WATER BODIES **Other Water Bodies** Length / Ward Name of other water bodies ID. No. Area W1 7 Sathankadu 40468 m² W2 Vadivudaiyamman Koil tank 10 8000 m² Perumal koil tank W3 1020 m² 11 W4 ThamaraiKulam pond 20234 m² 1 W5 3 Railway pond 5000 m^2 W6 4 Railway pond 7500 m^2 W7 6 Railway pond 13000 m² W8 10 Railway pond 500 m²

Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, there is no integrated storm water drain network available in this zone. However there are Katcha drain and in few places SWD are available. Construction of SWD in this area is covered under Kosasasthalaiyar Basin for which fund tie up is under study from JICA.

325 storm water drains to a length of 74.50 Km were constructed to ease the flow of rain water in Thiruvottiyur zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs in 'm'		
1	1	23	3994.63		
2	2	16	3700.8		
3	3	4	846		
4	4	25	7323.97		
5	5	8	5358.4		
6	6	112	17972		
7	7	92	18538		
8	8	1	766		
9	9	6	2090		
10	10	10	4292		
11	11	8	2789		
12	12	10	2076		
13	13	4	2203		
14	14	6	2560		
Total		325	74509.8		

Water stagnated streets in the previous monsoon - heavy rain fall



Rajaji Nagar

During the last monsoon, 23 inundated spots in this zone were identified and actions were taken to bale out the rain water.



Nandhi Odai

183 Zone - 1 Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnations and the actions taken to dispose the rain water in each location are as below,

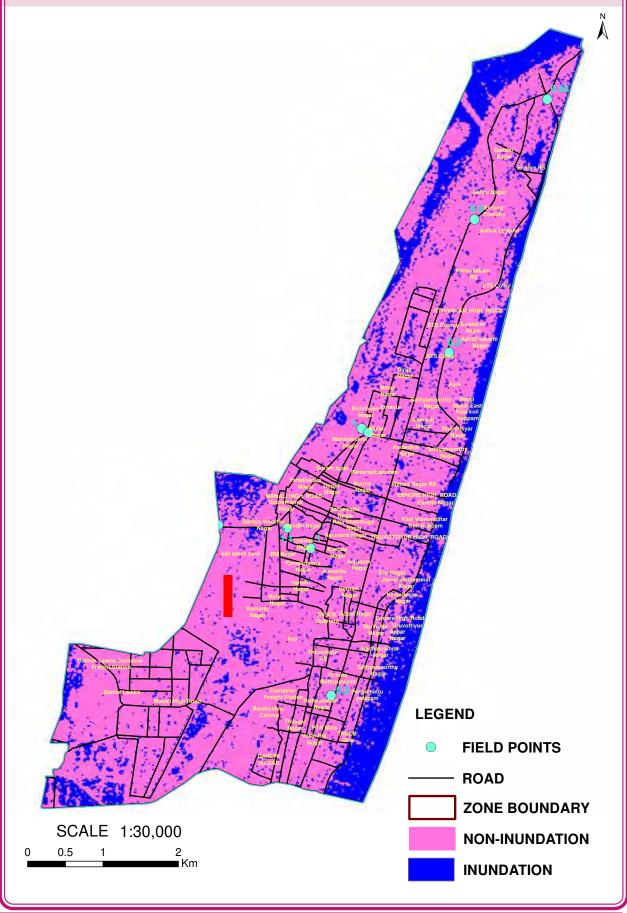
S. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
1	1	SVM Nagar	5 H.P Diesel	SVM Nagar 17th street	Ulaganathapuram drain	
2	1	Ulaganadhapuram	6.5 H.P Diesel	Ulaganatha- puram 8 th street	K.H road drain	
3	1	Thazhankuppam	6.5 H.P Diesel	K.H road	K.H road drain	
4	2	K.H . Road (Shopping Complex)	6.5 H.P Diesel	K.H road	K.H road drain	
5	2	K.H . Road Bus stand	5 H.P Petrol	K.H road	K.H road drain	
6	2	Railway station Road	5 H.P Petrol	Railway.Stn. Road	Valluvar nagar drain	
7	3 Annai sivagami nagar		6.5 H.P Diesel	J.J Nagar	To sea	
8	4	Manali Express Road	5 H.P	Manali Ex- press Road	'B' canal	
9	5	T.H Road	6.5 H.P Diesel	Wimco nagar	MRF Drain	
10	6	Kalainar Nagar	5 H.P Diesel	Kalaignar nagar 12 th street	Kalaignar 9th street	
11	6	Manali Road	-	-	Drain by gravity	
12	6	Kalaignar Street	5H.P and 25H.p	Kalaignar nagar 9th street	Kalaignar Main road	
13	7	Kargil Nagar	35 H.P Diesel	B canal Ser- vice road	'B' canal	
14	7	Vetri Vinayagar Nagar	35 H.P	Anna nagar 1st street	Rajiv Gandhi nagar main road drain	
15	7	Anna Nagar	6.5 H.P Diesel	Anna nagar 1st street	Rajiv Gandhi nagar main road drain	
16	7	Rajaji Nagar	6.5 H.P Diesel	Sasthri street	'B' canal	

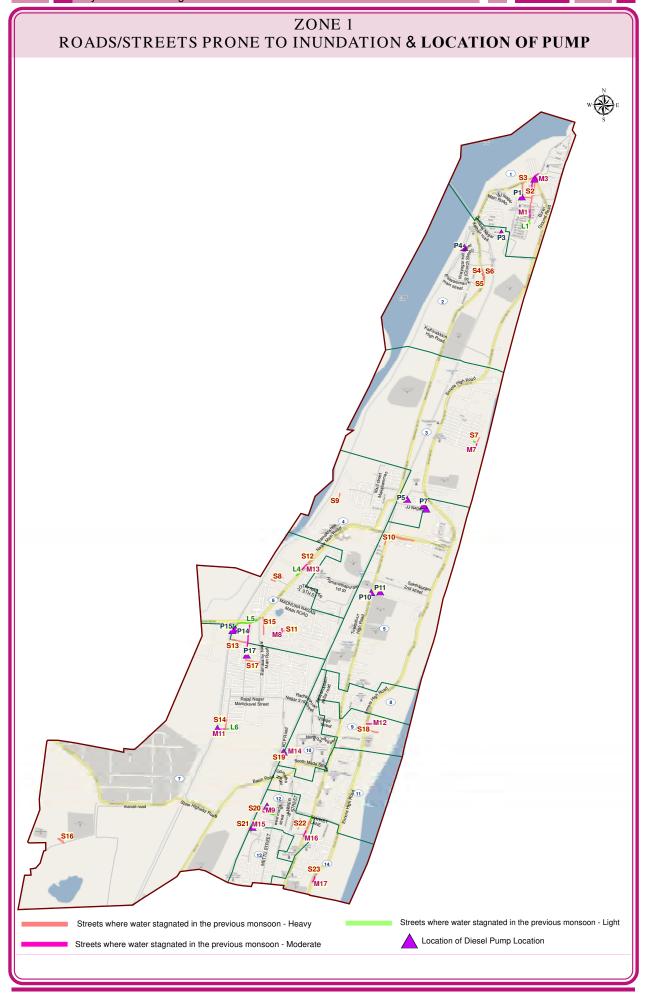
S. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
17	7	Radhakrishna Nagar	6.5 H.P Diesel	Radakrish- nan nagar 4th street	Kargil nagar drain
18	9	Thiruvottiyur kup- pam	-	-	Drain by gravity
19	10	Nandhi odai Kup- pam	6.5 H.P Diesel	Railway track	Railway track
20	12	B.K.N Colony (police quarters)	5.0 H.P Petrol	Police quar- ters	1st street drain
21	12	Thilagar Nagar	5.0 H.P Petrol	Railway track	Main road
22	14	T.H Road	-	-	Drain by gravity
23	14	N.T.O Kuppam	-	-	Drain by gravity

Anna University has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE LEGEND FIELD POINTS - ROAD **ZONE BOUNDARY** SCALE 1:30,000 **NON-INUNDATION** INUNDATION

INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE





Water stagnated streets in the previous monsoon - mild rain

S. No.	Ward	Name of the Street		
1	1	SVM Nagar		
2	2	K.H . Road (Shopping Complex)		
3	3	Annai sivagami nagar		
4	4	Mettu 4th cross street		
5	6	Manali Express Road		
6	7	Kargil Nagar		
7	7	Vetri Vinayagar Nagar		
8	7	Rajaji Nagar		
9	10	Nandhi odai Kuppam		
10	12	B.K.N Colony (police quarters)		
11	12	Thilagar Nagar		
12	14	T.H Road		

Water stagnated streets in the previous monsoon - moderate rain

S.No.	ward	Name of the Street			
1	1	SVM Nagar			
2	1	Ulaganadhapuram			
3	1	Thazhankuppam			
4	2	K.H . Road (Shopping Complex)			
5	2	K.H . Road Bus stand			
6	3	Annai sivagami nagar			
7	6	Kalainar Nagar			
8	6	Manali Road			
9	7	Kargil Nagar			
10	7	Vetri Vinayagar Nagar			
11	9	Thiruvottiyur kuppam			
12	10	Nandhi odai Kuppam			
13	12	B.K.N Colony (police quarters)			
14	12	Thilagar Nagar			
15	14	T.H Road			

Stagnation of water in streets due to sewer blocks

SI. No.	ward /Name	Name of the Streets	No. of manholes
1	13	Gandhi nagar	4
2	12	police quarters	1
		Total	5

189 **Zone - 1**

Relief Centres

There are 12 relief centres to a total capacity of 2880 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

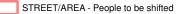
SI. No.	Ward No.	Capacity	Name & Address of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation)	Contact No.			
			Govt.					Sanitation, Medicine	Sanitary Inspector	9445025802			
1	1	300	Higher Sec. School, Kathivak-	Thalankup- pam, Nettuk- uppam	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190301			
			kam	3FF 3				Food & Drinking water	Assistant Revenue Officer	9445190081			
								Sanitation, Medicine	Sanitary Inspector	9445025802			
2	2	200	200	200	200	CMS, Nehru nagar,	Sweepers colony, Val- luvar nagar, south lock	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190302
			Ennore	road				Food & Drinking water	Assistant Revenue Officer	9445190081			
								Sanitation, Medicine	Sanitary Inspector	9445025802			
3	3	200	CPS, AS Nagar	Annai Siva- gami nagar	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190303			
								Food & Drinking water	Assistant Revenue Officer	9445190081			
								Sanitation, Medicine	Sanitary Inspector	9445025805			
4	4	300 li	300		CPS Maha- liaman koil	A.D Colony	Yes	Yes	No	I X. RAIIAT I	Assistant Engineer	9445190304	
4	r		school st, Ernavoor					Food & Drinking water	Assistant Revenue Officer	9445190081			
	L				40	L				ļ			

	City Disaster Management Plan									GCC						
SI. No.	Ward No.	Capacity	Name & Address of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation)	Contact No.						
								Sanitation, Medicine	Sanitary Inspector	9445025805						
5	5	200	Jayagopal Garodiya Govt. Hr. Sec.	Palagai thotti	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190305						
			School, T.H.Road.	kuppam	res			Food & Drinking water	Assistant Revenue Officer	9445190081						
			Ready					Sanitation, Medicine	Sanitary Inspector	9445025806						
6	6	600	Made	Raja shan- mugam nagar.	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190306						
								Food & Drinking water	Assistant Revenue Officer	9445190081						
								Sanitation, Medicine	Sanitary Inspector	9445025807						
7	7	300	Kalaimagal School, Saravana Nagar.	Saravana Nagar	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190307						
								Ivaga	7					Food & Drinking water	Assistant Revenue Officer	7904146342
								Sanitation, Medicine	Sanitary Inspector	9445025809						
8	8	100 jain S	Mahaveer jain School, TH Road	Rettai malai srinivasan nagar	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190308						
			T.H.Road.	. nagai				Food & Drinking water	Assistant Revenue Officer	7904146342						

191 Zone - 1

SI. No.	Ward No.	Capacity	Name & Address of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation)	Contact No.
								Sanitation, Medicine	Sanitary Inspector	9445025809
9	9	200	Gowri Ashramam, T.H Road	Kargil Nagar & Rajaji Nagar	Yes	Yes		Evacuation & Relief Materials	Assistant Engineer	9445190309
				ű				Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
					Sanitation, Medicine	Sanitary Inspector	9445025810			
10	10	150	Poonthot- tam School, T.H Road	Nandhi odai & Sadayan kuppam vattai	Yes	es Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190310
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
			CMS School, Market				Yes No	Sanitation, Medicine	Sanitary Inspector	9499934325
11	11	150		Srini- vasapuram, B.K.N Colony	Yes	Yes		Evacuation & Relief Materials	Assistant Engineer	9445190311
			Lane.					Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
								Sanitation, Medicine	Sanitary Inspector	9445025812
12	12	180	St.Pauls school, Sathankad High Road	Gandhi Nagar 1-5 street	Yes	Yes	No	Evacuation & Relief Materials	Assistant Engineer	9445190312
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342





Street/Areas - People to be shifted							
Ward	List of streets, people to be shifted						
1	Thalankuppam, Nettukuppam						
2	Sweepers colony						
2	Valluvar nagar						
2	south lock road						
3	Annai Sivagami nagar						
4	AD Colony						
5	Palagai thotti kuppam						
6	Raja shanmugam nagar						
7	Saravana Nagar						
8	Rettai malai srinivasan nagar						
11	Srinivasapuram, BKN Colony						
12	Gandhi Nagar 1 to 5 street						
	Ward 1 2 2 2 3 4 5 6 7 8 11						

RELIEF SHELTER

Relief Centres				
ID. No.	Ward	Name & Addres of relief centres available		
R1	1	Govt Higher SecSchool, Kathivakkam		
R2	2	CMS, Nehru nagar, Ennore		
R3	3	CPS, AS Nagar		
R4	4	CPS Mahaliaman koil school st, Ernavoor		
R5	5	Jayagopal Garodiya Govt Hr Sec School, THRoad		
R6	6	Ready Made School, Raja Shanmugam Nagar		
R7	7	Kalaimagal School, Saravana Nagar		
R8	8	Mahaveer jain school,THRoad		
R9	9	Gowri Ashramam, TH Road		
R10	10	Poonthottam School, TH Road		
R11	11	CMS School, Market Lane		
R12	12	StPauls school, Sathankad High Road		



Subways

There is one subway at Manickkam Nagar in Thiruvottiyur zone for a Length of 60 m. The electrical pumps (5HP-2 & 1HPJet Motor-1) and diesel pumps (6.5HP -1) installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No	Ward/ Name	Length of the subway in 'm'	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Ward 5, Manickkam Nagar subway	60.00	Railway pond	Electrical Pumps: 5HP-2nos, 1HP Jet motor -1 Diesel Pump:6.5HP-1



Tree fall

Manickkam Nagar Subway

During the last monsoon, in Thiruvottiyur zone totally 12 tree/branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

S.No	Ward	Name of the Street	
1	1	JJ nagar	
2	2	Ellaiyamman koil street	
3	3	Annai sivagami Nagar	
4	4	Kathivakkam High Road, Shanmugapuram	
5	5	Manickam Nagar, T.H Road	
6	8	Otravadai Street	
7	10	South Mada Street, Poonthottom street ground	
8	12	Vasantham Nagar	
9	12	Balakrishna naidu colony	
Zone - 1		194	

Streets - water entered houses - do not require evacuation

During the last monsoon, 8 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 8 locations were inundated for more than a day by which the normal day to day activity of 4164 people were stand stilled. Flood water from these areas was cleared by using



4 pumps range of 6.5 H.P capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets
1	4 Ernavoor	VP Nagar
2	6 Sathyamoorthy nagar	Sathyamoorthy nagar, Kalaignar nagar
3	7 Ramasamy nagar	Annamalai nagar, MGR nagar, Rajiv Gandhi nagar
4	12 Kaladipet South 13 Sathma nagar	Gandhi nagar, Srinivasapuram

Streets that require evacuation

During the heavy flood that occurred in 2015, in Thiruvottiyur zone 6500 people were evacuated from A.D Colony, Palagai thotti kuppam, Sathyamoorthy nagar and Kargil Nagar and they were accomodated in nearby schools and Ashramams. They were



provided with basic amenities like accomodation, food and relief materials for more than 25 days. The details and location of relief centers are given below.

195 **Zone - 1**

SI. No	Ward No. / Name	Streets	No. of persons	Years	Relief centre
1	4 Ernavoor	A.D Colony	300	2015	Mahaliaman koil school st
2	5 Wimco nagar	Palagai thotti kup- pam	200	2015	Road side temporary centre
3	6 Sathyamoorthy nagar	Sathyamoorthy nagar, TKP nagar	1000	2015	Chennai Middle School, Sathyamoorthy nagar
4	7 Ramasamy nagar	Kargil Nagar, Rajaji nagar, Vetri vinayagar nagar, Radakrishnan nagar	5000	2015	Gowri Ashramam
		Total	6500		

Lighting Facilities

Establishing alternate sources of lighting is a prerequisite. There are 20 battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

O. N.		Contact person		
SI. No.	Ward	Designation	Phone number	
1	1 to 3	Assistant Engineer	9445190901	
2	4, 5 & 8	Junior Engineer	9445190904	
3	6 & 7	Junior Engineer	9445190902	
4	9 to 14	Junior Engineer	9445190903	
5	1 to 14	Additional Divisional Engineer (Zone)	9445190041	
6	1 to 14	Divisional Engineer (HQ)	9445190753	

National Disaster Response Force (NDRF)

In Thiruvottiyur zone, the NDRF to be stationed locations is given below,

S.No	Ward. No.	Where NDRF to be stationed and deploye	
1	7	Zonal Office 1 – Kargil Nagar	

NDRF

The Commandant
04, Battalion(NDRF)
Suraksha Campus
Takkolam, Arakkonam
Vellore District – 631 152
Phone No. 04177 – 246594/246269



Rescue Boats

Rescue operations during flood

require the services of boats in the form of catamaran /rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

SI.No.	Ward	Number of boats required with location areas	Boats stationed Locations	Contact person & Number
1	4	2 nos.ofboatsat AD colony to evacuate people using Boats during flood of 2023.	Vp nagar	AE -9445190302
2	6	2 nos. of boats at Manali express road ,Manali express road, Bathra nagar main road	Sathiyamoor- thynagar	AE -9445190306
3	7	4 nos.of boatsatKargil nagar and Rajaji nagar	Kargilnagar	AE -9445190307

ZONE 1 **EVACUATION AREA NDRF TEAM & BOATLOCATOINS**





EVACUATION AREA

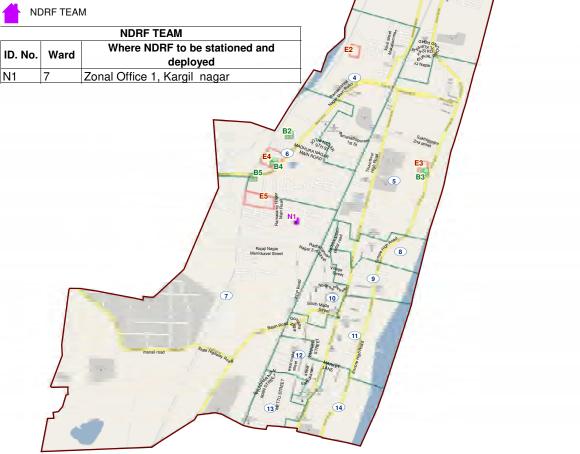
EVACUATION AREAS			
ID. No.	Ward	Number of boats required with location	
ID. No. Walu		/evacuation areas	
E1	2	2no of boats at Kattu kuppam	
F2	4	2 nos of boats at AD colony to evacuate	
E2 4		people using Boats during flood of 2015	
E3	5	1no of boat at Palagai thotti kuppam	
E4	6	2 nos of boats at Sathyamoorthy nagar	
E5	7	4 nos of boats at Kargil nagar	



BOAT LOCATION

Boats				
ID. No. Ward Boats stationed Locations				
B1	2	VALLUVAR NAGAR RAILWAY BRIDGE		
B2	4	VP NAGAR		
B3	5	Palagai thotti kuppam		
B4	6	SATHIYAMOORTHY NAGAR		
B5	7	KARGIL NAGAR		





Transport Equipment/Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 4 debris lorries, 2 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available are given below

No. of lorries and type kept in readiness		
Debris lorries - 4		
Skid steer loaders (Bobcat) - 2		
(Front end loader) JCB - 1		

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445467353	1	2	4-HMV	1

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

Nil

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee -1 Ward councillor - 9445467001

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190301
GCC - Electrical	Assistant Engineer	9445190901
GCC- Health	Sanitary Inspector	9445025802
GCC - Veterinary	Veterinary Assistant Surgeon	9787032116
GCC - Solid waste management	Conservancy Inspector	9445190501
GCC - Revenue	Tax Collector	9176372907
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930001
TANGEDCO	Assistant Engineer	9445850903
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9840397771
Police station	Inspector-M5	9498100235
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Ward committee – 2 Ward councillor – 9445467002

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190302
GCC - Electrical	AssistantEngineer	9445190901
GCC- Health	Sanitary Inspector	9445025803
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190502
GCC - Revenue	TaxCollector	9176372907
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930901
TANGEDCO	Junior Engineer	9445850903
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9840397771
Police station	Inspector-M5	9498100235
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Ward committee -3 Ward councillor - 9445467003

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190303
GCC - Electrical	AssistantEngineer	9445190901
GCC- Health	Sanitary Inspector	9445025802
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190503
GCC - Revenue	TaxCollector	9080057663
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930003
TANGEDCO	Junior Engineer	9445850897
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9840397771
Police station	Inspector-M5	9498100235
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Zone - 1 200

Ward committee - 4

Ward councillor - 9445467004

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190304
GCC - Electrical	AssistantEngineer	9445190901
GCC- Health	Sanitary Inspector	9445025803
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190504
GCC - Revenue	TaxCollector	9080057663
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930004
TANGEDCO	Junior Engineer	9445830908
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9840397771
Police station	Inspector-M5	9498100235
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Ward committee - 5 **Ward councillor – 9445467005**

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190305
GCC - Electrical	AssistantEngineer	9445190904
GCC- Health	Sanitary Inspector	9445025812
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190505
GCC - Revenue	TaxCollector	9080057663
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930005
TANGEDCO	Junior Engineer	9445850898
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Ward committee - 6 Ward councillor - 9445467006

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190306
GCC - Electrical	AssistantEngineer	9445190902
GCC- Health	Sanitary Inspector	9445025808
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190506
GCC - Revenue	TaxCollector	9940232311
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930006
TANGEDCO	Junior Engineer	9445850908
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-M8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Ward committee - 7 Ward councillor - 9445467007

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190307
GCC - Electrical	AssistantEngineer	9445190902
GCC- Health	Sanitary Inspector	9445025808
GCC - Veterinary	VeterinaryAssistant Surgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190507
GCC - Revenue	TaxCollector	9940232311
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930006
TANGEDCO	Junior Engineer	9445850908
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-M8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9443294419

Zone - 1 202

Ward committee – 8 **Ward councillor – 9445467008**

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190308
GCC - Electrical	AssistantEngineer	9445190902
GCC- Health	Sanitary Inspector	9445025809
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190508
GCC - Revenue	TaxCollector	9380088607
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930008
TANGEDCO	Junior Engineer	9445850897
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Ward committee - 9 **Ward councillor - 7200905993**

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190309
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025813
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190509
GCC - Revenue	TaxCollector	9283290636
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930009
TANGEDCO	Junior Engineer	9445850897
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Ward committee - 10 Ward councillor - 9445467010

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190310
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025809
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190510
GCC - Revenue	TaxCollector	9283290636
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930010
TANGEDCO	Junior Engineer	9445850897
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Ward committee - 11 Ward councillor - 9445467011

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190311
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025814
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190511
GCC - Revenue	TaxCollector	7418944436
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930011
TANGEDCO	Junior Engineer	9445850897
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Zone - 1 204

Ward committee - 12 **Ward councillor – 9445467012**

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190312
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025812
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190512
GCC - Revenue	TaxCollector	9840487866
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930012
TANGEDCO	Junior Engineer	9445850901
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Ward committee - 13 Ward councillor - 9445467013

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190313
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025813
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190513
GCC - Revenue	TaxCollector	9840487866
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930013
TANGEDCO	Junior Engineer	9445850901
BSNL	Assistant Engineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

Ward committee - 14 Ward councillor - 9445467014

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190314
GCC - Electrical	AssistantEngineer	9445190903
GCC- Health	Sanitary Inspector	9445025814
GCC - Veterinary	VeterinaryAssistantSurgeon	9787032116
GCC - Solid waste management	ConservancyInspector	9445190514
GCC - Revenue	TaxCollector	7418944436
Revenue	RevenueInspector	9786166726
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	AssistantEngineer	8144930014
TANGEDCO	Junior Engineer	9445850902
BSNL	AssistantEngineer	9486106259
Fire service	Inspector	9489220301
Police station	Inspector-H8	9498100229
PWD	AssistantEngineer	9444882585
TNSCB	AssistantEngineer	9487077379
Highways	DivisionalEngineer	9444294521

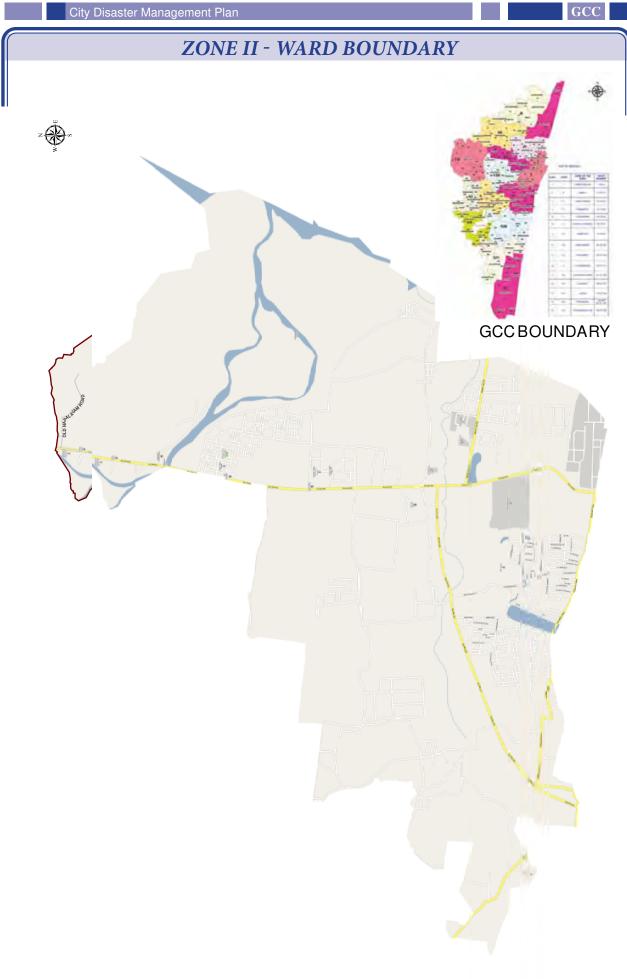
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ZONE - II

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MANALI



Profile

The Manali zone have 8 divisions 15 to 22 lies in Latitude 13.166779°, Longitude 80.258308° and covering to an area of 43.93Sq.km

There are 1354 roads, out of which 1344 roads to alength of 210 Km are Interior Roads, 10 Roads to a length of 8.58 Km are Bus Route Roads which are maintained by GCC and there maining 6 roads are under the maintenance of Highways department and 3 roads are under TNRDC

The population is about 1.71 lakhs that has Male population of 52.23% and Female population of 47.77% in this zone, the most densed area in the zone is MMDA Mathur with a population of 49230 and the least in Vadaperumbakkam with apopulation of 7550. The Ward wise population of the zone is given below.

SI.No.	Ward. No/Name	Total House Holds	Total Population
1	15 Edayanchavadi	3915	32634
2	16 Andarkuppam	4111	23876
3	17 Vadaperumbakkam	2903	7550
4	18 Manali	3165	14474
5	19 MMDA Mathur	10923	49230
6	20 Manali	3127	14202
7	21 Manali	2465	11460
8	Old Dn – 29 New Dn - 22 Chinnasekkadu	4129	17800
TOTAL		34738	171226

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by one Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	15 to 22	9444332834
2.	Zonal Officer	15 to 22	9445190002

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Num- ber
1	Executive Engineer	U-4 & U-5	9445190022
2	Assistant Executive Engineer	U-4 (15,16,17)	9445190104
3	Assistant Executive Engineer	U-5 (18, 20, 21 & 22)	9445190105
4	Additional Divisional Engineer	15 - 22	9445190042
5	SWM Assistant Executive Engineer	SWD U-4 & U-5	72996 08181

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Conservany supervisor	Unit-4	9445191404
2.	Conservany supervisor	Unit-5	9445191405

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	ZonalHealthOfficer	Zone II	9445190062
2	ZonalMedicalOfficer	Zone II	8248397644
3	VeterinarySurgeon	Zone II	9445026042
4	Junior Entomologist	Zone II	6380072987
5	SanitaryOfficer	Unit-4	8072339289
6	SanitaryOfficer	Unit-5	9445190682

Parks

There are 24 Parks available in Edayanchavadi, Andarkuppam, Vadaperumbakkam, Manali & MMDA Mathur. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No	Equipment available	Area of operation
1	Park Overseer 9445071064& 8608914685	8 - Petrol operator tree cutting Saw 8 - Telescopic Tree Pruner	Manali

S.No	Ward	Name Of Park	Location of the Park
1	15	CPS-6	Manali new Town 54th Block 44th Street park in Dn - 15, Z - 02
2	15	CPS-7	Manali New Town, Block No.63 (Edayanchavadi) in Dn - 15, Z - 02
3	15	CPS-8	Manali New Town, Block No.65 (Edayanchavadi) in Dn - 15, Z - 02
4	15	CPS-9	Manali New Town, Block No.29 in Dn - 15, Z - 02

S.No	Ward	Name Of Park	Location of the Park
5	15	CPS-10	Manali New Town, Block No.26 (Edayanchavadi) in Dn - 15, Z - 02
6	15	Thulasi nagar park	Thulasi Nagarin in Dn - 15, Z - 02
7	15	Manali New town 40th block	Manali New town 40th block in Dn - 15, Z - 02
8	15	Manali New Town 35th block	Manali New Town 35th block in Dn - 15, Z - 02
9	15	Ponniamman nagar park	Ponniamman Nagar in DN - 15, Z - 02
10	15	Ponniamman nagar 3rd street park	Ponniamman nagar 3rd street in DN - 15, Z - 02
11	16	TNHB Phase II Park	Park at TNHB Phase 2 Block 3 in Dn - 16, Z - 02
12	16	CPS-1	Manali New Town Block 134 &135 CPS-1 in Dn - 16, Z - 02
13	16	CPS-2	Manali New Town Block 100 &101 CPS-2 in Dn - 16, Z - 02
14	16	CPS-3	Manali New Town Block 90 CPS- 3 in Dn - 16, Z - 02
15	16	CPS-4	Manali New Town Block 52 CPS- 4 in Dn - 16, Z - 02
16	16	CPS-5	Manali New Town Block 78 CPS- 5 in Dn - 16, Z - 02
17	16	Kanniammanpet Park	Kanniammanpet Park (New park) in Dn - 16, Z - 02
18	16	R L Nagar Park	R.L Nagar in Dn - 16, Z - 02
19	17	Thirupathi Devasthanam Park	Thirupathi Devasthanam Park in Dn - 17, Z - 02
20	17	VS Mani Nagar Park	V.S Mani Nagar in Dn - 17, Z - 02
21	17	Vadarperumabakkm park	Puzhal union road in Dn - 17, Z - 02
22	17	Thiyagi vishwanathadass Park	Thiyagi vishwanathadass Nagar in DN - 17, Z - 02
23	18	Nedunchezhiyan Street Park	Nedunchezhiyan Street in Dn - 18, Z - 02
24	18	Vimalapuram Park	Vimalapuram 2nd Street in Dn - 18, Z - 02
25	18	CPCL Park	CPCL 4th Street in Dn - 18, Z - 02
26	18	CPCL Layout Park	CPCL Layout in Dn - 18, Z - 02

S.No	Ward	Name Of Park	Location of the Park
27	18	Andarkuppam Park	Andarkuppam Redhills High Road in Dn - 18, Z - 02
28	19	Lake View Park	Kamarajar Salai ; Lake view in Dn - 19, Z - 02
29	19	MMDA 34th Street Park	MMDA 34th Street in Dn - 19, Z - 02
30	19	MMDA 2nd Main Road Park	MMDA 2nd Main Road in Dn - 19, Z - 02
31	19	CPCL Layout, 3rd Main road Park	CPCL Layout, 3rd Main road, Junction of Manali Kosappur Highways & 200ft road in DN - 19, Z - 02
32	19	CPCL Layout, 12th street Park	CPCL Layout, 12th street Man- jambakkam in DN - 19, Z - 02
33	19	Gokulam park	Gokulam Street in DN - 19, Z - 02
34	20	Chinna mathur Salai park	Chinna mathur Salai in DN - 19, Z - 02
35	21	Jalagandamariamman koil street park	Jalagandamariamman koil street in DN - 21 Z - 02
36	22	Devarajan street park	Devarajan street chinnasekkadu in DN - 22 Z - 02
37	22	Vazhuthalaimedu park	Vazhuthalaimedu park at Chinna Sekadu in DN - 22 Z - 02

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are three pumping stations available in Manali Zone with average capacity of 1.5MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station are given below,

SI.No.	Pumping Station	Capacity MLD	No. of pumps – condition
1	Sewage Pumping Station, Manali New Town	1.3 MLD	20HP sub - 1 15HP sub - 2 15Hp sub (spare) - 1
2	Mathur, MMDA Sewage Pumping Station	1.6 MLD	50HP Centrifugal pumpset - 1 20HP Centrifugal pumpset - 2 10HP Centrifugal pumpset - 1

SI.No.	Pumping Station	Capacity MLD	No. of pumps – condition
3	Mathur, MMDA Sewage Pumping Station	1.6 MLD	20HPSubmersible pumpset-1
	Total	4.5 MLD	

Tamil Nadu Slum Clearance Board tenements

Construction of tenements at Manali new town 150ft road & 15th main road in Zone - 2.

Water Bodies and Waterways

There are 2 rivers passing in this zone (1) Kosasthalaiyar River which originates from Old napalayam travels about 7.00 Km and disposes via Sadayankuppam B' canal (2) Puzhal Surplus Water Way which originates from Sumangali nagar travels about 6.00 Km and disposes via Chittar Sadayankuppam B' canal.

Rivers

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Kosathalaiyar River	15,16	Old napalayam	Sadayankuppam B' canal	7.00
2	Puzhal Surplus Water Way	16,17 , 18	Sumangali nagar	Sadayankuppam B' canal	6.00
		13.00			

There are 11 Canals passing in this zone (1) Thulasi nagar canal maintained by GCC which originates from Thulasi nagar travels about 2.2 Km in the zone and disposes via Chittar connection old Nappalayam to Edayanchavadi (2) Old Nappalayam canal maintained by GCC which touches the zone at Vellivoyalchavadi travels about 2.7 Km in the zone and disposes through Kosasthalaiyar river (3) CMDA canal maintained by GCC which touches the zone at Vichur travels about 1.2 Km in the zone and disposes through the Kosasthalaiyar river (4) Periya Eachankuzhi canal maintained by GCC which touches the zone at Kulakkarai travels about 1.6 Km in the zone and disposes through Kosasthalaiyar river (5) Ambedkar canal maintained by GCC which touches the zone at Vembuli amman kulam travels about 1.10 Km in the zone and disposes through Puzhal Surplus water (6) Kosapur canal maintained by GCC which touches the zone at Vilankadupakkam travels about 1.0 Km in the zone and disposes through Puzhal Surplus water and (7) CPCL canal maintained by GCC which touches the zone at CPCL

layout connecting Chinnamathur travels about 0.75 Km in the zone and disposes through Puzhal Surplus water. (8) Canal from police quarters to 100 feet road maintained by GCC maintained by GCC which originates from Police quarters travels about 1.8 Km in the zone and disposes via 100 feet road (9) Canal from tpp salai (cpcl company) to 100 feet road junction maintained by GCC which originates from tpp salai (cpcl company) travels about 2.0 Km in the zone and disposes via 100 feet road (10) Canal from police quarters to tpp salai maintained by GCC which originates from Police quarters travels about 0.55 Km in the zone and disposes via tpp salai (11) police quarters canal maintained by GCC which originates from Police quarters travels about 0.15 Km in the zone and disposes via police station.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by GCC in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 119.27 km to ease the flow of rain water.

The details of various water bodies in this zone are listed below,

Canals

SI. No.	Name of the Canal	War ds Cove red	From	То	Length of Canal (Km)
1	Thulsi nagar canal	15	Thulasi Nagar	Chinna aaru	2.2
2	Old Nappalayam canal	15	Vellivoyalchavadi	Kosasthalaiyar River	2.7
3	CMDA Canal (along 80 feet road)	15	Vichur	Kosasthalaiyar River	1.2
4	Chettimedu canal	17	Kathakuzhi	Kosasthalaiyar River	0.916
5	Ambedkar Canal	17	Vembuli Amman Kulam	Puzhal Surplus Water	1.1
6	Kosapur Canal	17	Vilankadupakkam	Puzhal Surplus Water	1
7	CPCL canal (CPCL Layout connecting Chinnamathur road to 100'ft road)	18	Chinnathoppe	Puzhal Surplus Water	0.82
8	Canal from police quarters to 100 feet road	18	Police quarters	Puzhal Surplus Water	1.76

	City Disaster Management Plan					
9	Canal from tpp salai (cpcl company) to 100 feet road junction	18	tpp salai (cpcl company)	Puzhal Surplus Water	2.2	
10	Toshiba canal	18	Andarkuppam redhils road	Puzhal Surplus Water	2.54	
11	Amullaivoyal Canal	18	Ariyalur	Puzhal Surplus Water	1.12	
12	Canal from police quarters to tpp salai	20	Police quarters	tpp salai	0.52	
13	police quarters canal	21	Police quarters	police station	0.15	
14	VELU STREET TO C TEX CANAL	22	Windrow prmesis	Cetex	0.83	
	Total					

Other water bodies (a) Ponds

SI No	Ward No	Name of other water bodies	Length / Area
1	15	Edayanchavadi Pond	3240 M2
2	16	Elanthanoor - Pond	1320 M2
3	16	Andar kuppam Burma Nagar Pond	600 M2
4	16	Andarkuppam Village Pond	2000 M2
5	16	Kulakarai - Pond	1710 M2
6	16	Kanniamman pettai, Kanniamman Koil st - Pond	1800 M2
7	16	Kamarajapuram - Pond	750 M2
8	16	Andarkuppam burial ground - Pond	600 M2
9	17	Vadaperumbakkam - Pond	3082 M2
10	17	Vinayagapuram Burial Ground - Pond	2482 M2
11	17	Vadaperumbakkam Samuvel nagar Burial Ground - Pond	3082 M2
12	17	Kathakuzhi Burial Ground - Pond	2381 M2
13	17	Kosapur Sree Vempuliamman koil kulam - Pond	5683 M2
14	17	Kosapur Sree Chelliamman koil kulam - Pond	6381 M2

15	17	Theeyambakkam - Pond	4382 M2
16	17	Theeyambakkam Gandhinagar - Pond	1632 m2
17	17	Chinna thoppu - Pond	4834 M2
18	17	Chettimedu (Gnayiru Road) Near Sakthi amman koil - Pond	4632 M2
19	18	Harikrishnapuram - Pond	1950 M2
20	19	Teachers Colony - Pond	2620.52 m2
21	19	Masillamani Nagar - Pond	3595 M2
22	19	Omakulam - Pond	6025 m2
23	19	Kulakarai - Pond	2760 m2
24	19	Ellatharasi Street pond,Manjambakkam	2689.05 m2
25	19	Pillayara Koil Street pond , Manjambakkam	1263.6 m2
26	19	Manjambakkam pond	1120.34 m2
27	19	Kosappur pond	6474.97 m2
28	20	Chockammalkulam(Thamaraikulam) - Pond	6881 m2
29	21	Vaniyankulam Pond (Under Court Case)	1440 M2
30	21	Jalakandamaraimman Koil Street - Pond	2300 M2
	22	Devaraj Street Ramalinga Kulam	540 M2

(b) Lakes

SI No	Ward No	Name of other water bodies	Length / Area
1	16	Sadayankuppam - Lake	315654.801 PWD
2	16	Kadapakkam - Lake	130000 PWD
3	17	Ariyalur - Lake	135100 PWD
4	18	Amullaivoyal Lake	182109.00 GCC
5	20	Manali Lake	114000 TANUVAS



Storm water drain

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, there is no integrated storm water drain network available in this zone. However there are Katcha drain and in few places SWD are available. Construction of SWD in this area is covered under Kosasasthalaiyar Basin for which fund tie up is under study from JICA.

588 storm water drains to a length of 119.27 Km were constructed to ease the flow of rain water in Manali zone. The details of SWD and instructions to be followed before and during rain are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs in 'Km'
1	15	84	19.37
2	16	150	21.59
3	17	44	22.02
4	18	95	12.39
5	19	71	16.12
6	20	50	8.68
7	21	35	8.35
8	22	59	10.75
	Total	428	104.11

Water stagnated streets in the previous monsoon - heavy rain fall

During the last monsoon, 4 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone. The identified vulnerable spots and the actions taken to dispose the rain water in each location are as below,

SI. No.	Ward	Streets where inundation seen	Max. Depth	Time taken	Disposal Point
			Feet	10 0.10	
1	15	Manali new town	2 Feet	2 days	CMDA CANAL TO KOSAST-
2	15	Ponniamman nagar manali new town	2 .5 Feet	2 days	HALAIYAR RIVER
3	15	Kanni koil medu	2 Feet	2 days	SWD TO KOSASTHALAI- YAR RIVER
4	15	Periya echanguzhi	2 Feet	2 days	CMDA CANAL TO KOSAST-
5	15	Chinna echanguzhi	4 Feet	3 days	HALAIYAR RIVER
6	15	New napalayam	3 Feet	2 days	THULASI NAGAR CANAL TO KOSASTHALAIYAR RIVER
7	15	Edayanchawadi	2 Feet	2 days	KOSASTHALAIYAR RIVER
8	15	Vadugarpalayam	3 Feet	2 days	
9	15	Old colony old napa- layam	3 Feet	2 days	OLD NAPPALAYAM CANAL TO KOSASTHALAIYAR
10	15	Ooru theru	3 Feet	2 days	RIVER
11	15	New colony new napalayam	2 Feet	2 days	THULASI NAGAR CANAL TO KOSASTHALAIYAR RIVER
12	16	Kamarajarpuram	4 Feet	2 days	
13	16	Kanniammanpet 1	4 Feet	2 days	Tablika Ossal
14	16	Kanniammanpet 2	4 Feet	2 days	Toshiba Canal
15	16	Kadapakkam	4 Feet	2 days	
16	16	Kullakarai	4 Feet	2 days	TNHB PHASE II ELANTHA- NOOR
17	16	Andarkuppam	4 Feet	2 days	Toshiba Canal
18	16	Manali new town phase I	2 Feet	2 days	TNHB PHASE II ELANTHA-
19	16	Manali new town phase II	2 Feet	2 days	NOOR
20	16	Rajiv gandhi nagar	4 Feet	2 days	Toshiba Canal
21	16	Vadiudaiamman nagar	2 Feet	2 days	Vadiudaiamman Nagar
22	16	Jenifer nagar	2 Feet	2 days	
23	16	R L nagar	2 Feet	2 days	<u> </u>
24	16	Sadayankuppam	6 Feet	3 days	Puzhal surplus canal
25	16	Burma nagar	6 Feet	3 days	
26	16	Gandhi nagar	2 Feet	2 days	TNHB PHASE II ELAN- THANOOR
27	16	Irular colony	6 Feet	3 days	Puzhal surplus canal

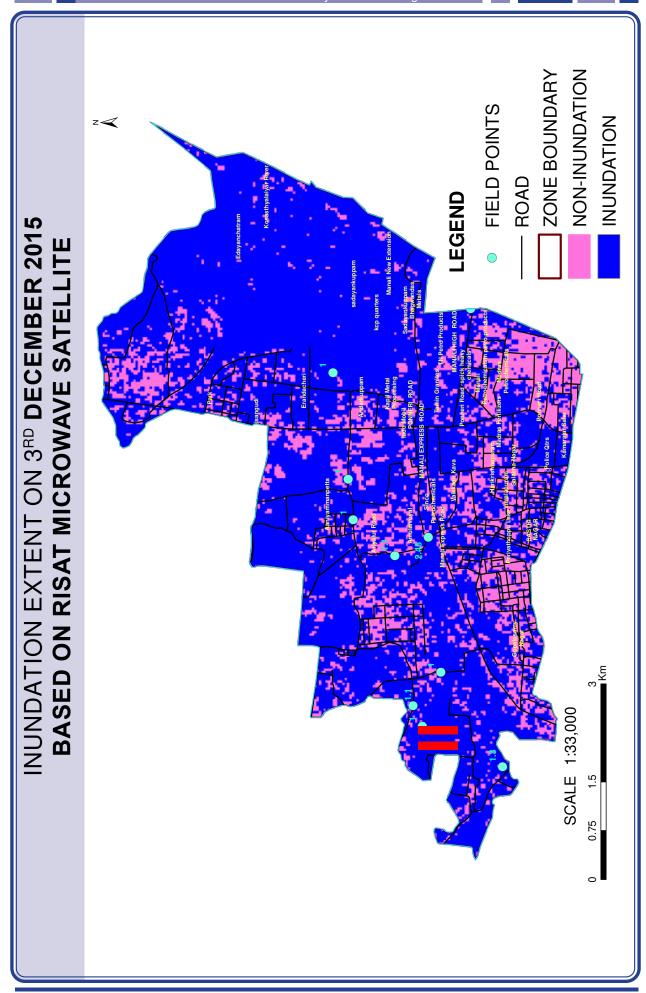
				<u> </u>	
28	17	Thiyagi Vishwa- nath Dass Nagar	2 Feet	2 days	
29	17	Vengadeshwara Nagar	3 Feet	2 days	- CHETTIMEDU CANAL
30	17	Chettimedu	3 Feet	2 days	
31	17	Samuvel Nagar Main Road	3 Feet	2 days	
32	17	Chelliyamman Nagar	1 Feet	2 days	Samuvel Nagar
33	17	Kanniyamman Kovil Street	3 Feet	2 days	
34	17	Thanalakshmi Nagar	1 Feet	2 days	CHETTIMEDU CANAL
35	17	Saraswathi Nagar	3 Feet	2 days	Samuvel Nagar
36	17	Kandasamy Nagar	3 Feet	2 days	CHINNATHOPU CANAL
37	17	Puzhal Union Road	3 Feet	2 days	
38	17	Thanigachalam Nagar Main Road	1 Feet	2 days	
39	17	Thanigachalam Nagar 1st Cross Street	2 Feet	2 days	Samuvel Nagar
40	17	Thanigachalam Nagar 2nd Cross Street	1.5 Feet	2 days	
41	17	Ariyalur	5 Feet	2 days	Ariyalur Lake
42	17	Ambedkar nagar	2 Feet	2 days	Arryarur Lake
43	18	Kalaignar nagar	4 Feet	3 days	SRF 10.3M X 3M CLOSED CANAL
44	18	Cpcl nagar	4 Feet	3 days	
45	18	Harikrishna- puram	2 Feet	3 days	
46	18	Zahier Husain street	2 Feet	3 days	ZAHHER HUSSAIN CANAL
47	18	Salaima nagar	2 Feet	3 days	
48	18	Sabapathy street	2 Feet	3 days	
49	19	MGR Salai	3 feet	2 days	CPCL canal

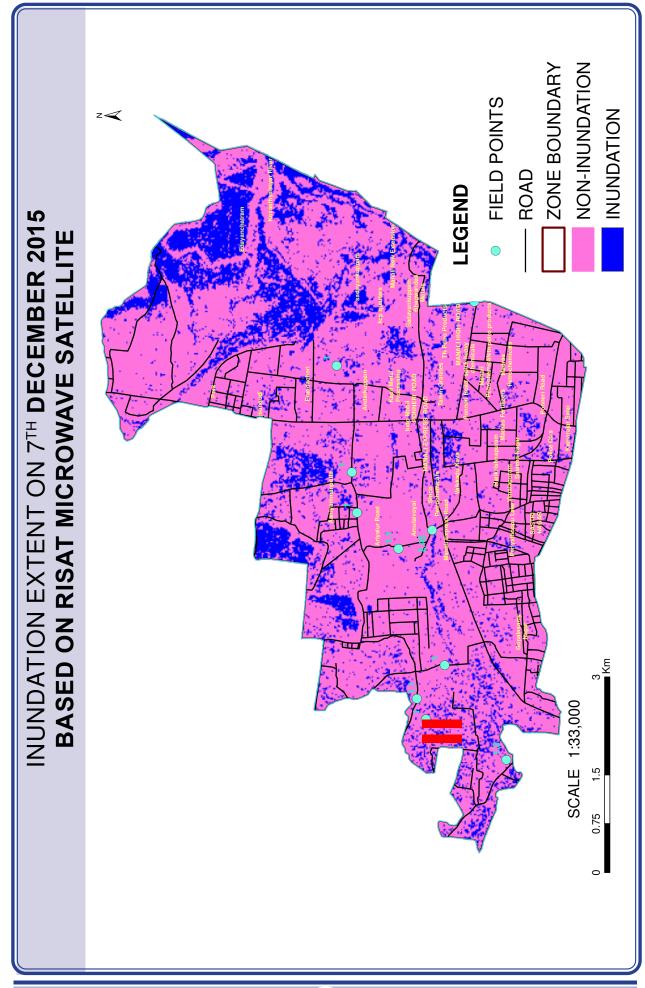
		<u>_</u>			
50	19	Karumariamman koil street	3 feet	2 days	
51	19	Arulandham nagar 1st,2nd street	3 feet	2 days	
52	19	Appollo Arm- strong nagar 1st,2nd,3rd ,4th street	3 feet	2 days	
53	19	Kavithendral kalyana sund- haram nagar	3 feet	2 days	Puzhal surplus canal
54	19	Kamarajar nagar	3 feet	2 days	
55	19	Chinnasamy nagar 1st, 2nd, 3rd, 4th, 5th, 6th street	3 feet	2 days	
56	19	Balasubramani- yam nagar	5 feet	6 Days	
57	20	New MGR Nagar 1st street Extn	3 Feet	3 Days	
58	20	New MGR Nagar 2nd street	3 Feet	3 Days	CPCL CANAL
59	20	J J Nagar	3 Feet	2 Days	
60	20	Balaraman street	3 Feet	2 Days	
61	20	Rajiv Gandhi street	1 .5 Feet	2 Days	
62	20	Kalthottam MGR street	2 Feet	2 Days	Chinnamathur Salai Canal
63	20	Chandran street	1 Feet	1 Days	
64	20	Otravadai street	2 Feet	2 Days	

			only Disaster in	Management Flan	GCC
65	21	Jalagan- damarriam- man Koil Street	3 feet	6 Days	
66	21	Thiruveng- adam Street	2 feet	3 Days	
67	21	Poongava- nam Street	2 feet	3 Days	
68	21	Sannathy Street	2 feet	3 Days	ZAHHER HUSSAIN
69	21	Dr. Rad- hakrishnan Street	2 feet	3 Days	CANAL
70	21	Ettiyappan Street	2 feet	3 Days	
71	21	Ayeeram- kathamman Koil Street	2 feet	4 days	
72	21	Thama- raikulam Street	2 feet	3 Days	
73	22	Devarajan Street(Raji Street to Perumal koil Gandhi Nagar)	2 Feet	3days	TPP SALAI CANAL
74	22	Namakkara- muniyan Street	1 Feet	3days	ZAHEER HUSSAIN CANAL
75	22	EVR Periyar Street	1 Feet	2days	
76	22	Chinnasamy street	1 Feet	2days	
77	22	Chandram- man Koil Street	1 Feet	3days	TPP SALAI CANAL
78	22	Perumal Koil Extension	3 Feet	3days	
79	22	Krishnan Street (balji- palaiyam)	2 Feet	3days	
80	22	perumal koil 1st cross street (balji- palaiyam)	2 Feet	3days	B - CANAL C TEX
81	22	Apparaj street	3 Feet	3days	

	City D	GCC			
82	22	Velu Street	3 Feet	3days	
83	22	Kannabiran koil street	3 Feet	3days	B - CANAL C
84	22	Vazhathalaimedu Main Road	3 Feet	3days	TEX

Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pumpsets. The RISAT satellite maps and GCC map are given below for clarity and understanding.





ZONE II ROADS/STREET PRONE TO INUNDATION & **LOCATION OF PUMP** z D Location of Diesel Pump Location Streets where water stagnated in the previous monsoon

Water stagnated streets in the previous monsoon - Mild Rainfall - Nil

Water stagnated streets in the previous monsoon - Moderate Rainfall

S.No.	Ward	Name of the Street				
1	15	Edayanchavadi				
2	16	Irular Colony				
3	17	Puzhal Union Road				
4	18	Salaima Nagar , Kalaingar nagar , Harikrishna- puram				
5	19	Apollo Armstrong Nagar , Balasubramanian nagar				
6	20	New MGR Street				
7	21	Jalakanda Mariamman koil street - (3RD LANE)				
8	22	Adhiraj street , Mahatma Gandhi street , Bakkiammal street & ponnu samy cross street				

Stagnation of water in streets due to sewer blocks

There are no sewer block in Manali

Relief Centres

There are 14 relief centres to a total capacity of 3040 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

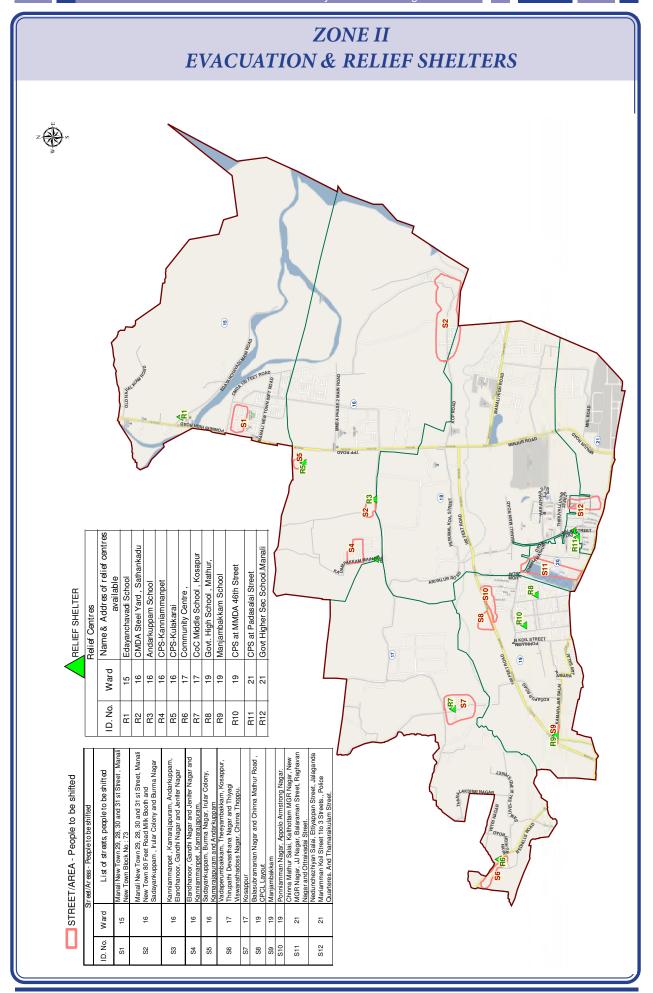
SI. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsiblities	Officer in- charge (Desig- nation/	Contact No.
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782
								Evacuation	Junior Engineer	9445190315
			Jai Gopal Gardia	Manali				Food	Assistant Revenue Officer	9445190082
1	15	230	Higher Secondary School	New Town 9th street	Yes	Yes	No	Relief Mate- rials	Asst. Exe. Engineer	9445190104

SI. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsiblities	Officer in- charge (Desig- nation/	Contact No.
		500	CMDA Steel Yard	Manali New Town 29, 28, 30 and 31				Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782
2	16			st Street, Manali New Town 80 Feet Road Milk	Yes	Yes	No	Evacuation	Assistant Engineer	9445190316
			, Sathankadu	Booth and Sa- dayankuppam , Irular Colony and				Food	Assistant Revenue Officer	9445190082
				Burma Nagar				Relief Mate- rials	Asst. Exe. Engineer	9445190104
	3 16 300 Andarkuppam School						Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782	
				Kanniammanpet, Kamarajapuram, Andarkuppam,				Evacuation	Assistant Engineer	9445190316
3		300		Elandhanoor, Gandhi Nagar and Jenifer Nagar	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190104
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782
	4.0	450	CPS-Kanniam-	Elandhanoor, Gandhi Nagar and Jenifer Nagar				Evacuation	Assistant Engineer	9445190316
4	16	150	manpet	and Kanniam- manpet , Kamara- japuram,	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190104
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782
				Sadayankuppam, Burma Nagar, Irular Colony,				Evacuation	Assistant Engineer	9445190316
5	5 16 35	6 350 CPS-Kul		Kulakkarai, Ka- marajapuram and Andarkuppam	Yes	Yes	es No	Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190104

			ty Disaster Managen			GCC				
SI. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsiblities	Officer in- charge (Desig- nation/	Contact No.
				Vadaperumbak- kam, Theeyam- bakkam, Kosap-				Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782
	47	100	Community Centre,	pur, Thirupathi Dev-	V	V	Na	Evacuation	Assistant Engineer	9445190317
6	Vadaperumbakkam asthana Nag and Thiyagi Visw nathadoss Na	asthana Nagar and Thiyagi Viswa-	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082		
		Chinna Thoppu.				Relief Mate- rials	Asst. Exe. Engineer	9445190104		
							Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025817 7338917782	
			CoC Middle School, Kosapur	Kosappur	Yes		es No	Evacuation	Assistant Engineer	9445190317
7	17	340				Yes		Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190104
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818 7338917782
				Balasubrama-				Evacuation	Assistant Engineer	9445190319
8	8 19 200 Govt. High School Chinna Math	9 200		Chinna Mathur Road , CPCL	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082
						Relief Mate- rials	Asst. Exe. Engineer	9445190105		

SI. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsiblities	Officer in- charge (Desig- nation/	Contact No.
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818 7338917782
								Evacuation	Assistant Engineer	9445190319
9	9 19 12	120	Manjambakkam School	Manjambakkam	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082
							Relief Mate- rials	Asst. Exe. Engineer	9445190105	
			O CPS at MMDA 46th Street	Ponniamman Nagar, Appolo Arm- strong Nagar.	Yes	Yes	∕es No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818 7708931877
								Evacuation	Assistant Engineer	9445190319
10	19	100						Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190105
				Chinna Mathur Salai, Kalthottam				Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818 7708931877
11	11 20	200	Dr. Sivanthi	MGR Nagar, New MGR Nagar, JJ Nagar, Balara-	Yes	Yes	s No	Evacuation	Assistant Engineer	9445190321
		200	adithinar School	man Street, Raghavan Nagar and Ottraivadai Street.				Food	Assistant Revenue Officer	9445190082
								Relief Mate- rials	Asst. Exe. Engineer	9445190105

SI. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsiblities	Officer in- charge (Desig- nation/	Contact No.
	12 21 45							Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025820 7708931877
			Govt Higher Sec	Nedunchezhiyan Salai, Ettiyappan Street,				Evacuation	Assistant Engineer	9445190321
12		450	School.Manali & CPS at padasalai street	Jalaganda Mariamman Koil Street 1to 3 Streets., Police Quarteres. And Thamarai-	Yes	Yes	No	Food	Assistant Revenue Officer	9445190082
				And Thamaral- kulam Street.				Relief Mate- rials	Asst. Exe. Engineer	9445190105
			CPS at padasalai	Nedunchezhiyan Salai, Ettiyappan Street, Jalag- anda Mariamman Koil Street		Yes	∕es Yes .	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818, 7708931877
13	22	200			No			Evacuation	Assistant Engineer	9445190321
			street	1 to 3 Streets., Police Quarteres. And Thamarai-				Food	Assistant Revenue Officer	9445190082
				kulam Street.				Relief Mate- rials	Asst. Exe. Engineer	9445190105
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025818, 7708931877
14	14 22	200	High school at	Chinnsekkadu	No	Yes	Yes	Evacuation	Assistant Engineer	9445190322
17		2 200	devarajan street		110	103	Yes	Food	Assistant Revenue Officer	9445190105
								Relief Mate- rials	Asst. Exe. Engineer	9445190082



Subway

There is no subway as of now available in this zone.

Tree fall

During the last monsoon, in Manali zone tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

S.No	Ward	Name of the Street
1	15	Manali New Town
2	16	Andarkuppam

Streets - where water entered houses - do not require evacuation

During the last monsson, 8 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 8 locations were inundated for more than a day by which the normal day to day activity of 3500 people were stand stilled. Flood water from these areas was cleared by using 15 pumps rangining from 5 HP to 7.5 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets	
1	15 Edayanchavadi	Lakshmi Nagar	
2	16 Manali New Town	Kullakarai vichur high road	
3	17 Kosapur Vadaperumbak- kam	Saraswathi Nagar Kosapur	
4	18 Manali	Harikrishnan puram amman nagart	
5	19 MMDA Mathur	Balasubramaniyam nagar	
6	20 Manali	New MRG street Balaraman Street JJ nagar	
7	21 Manali	Jalakanda mariamman koil 3rd lane	
8 22 Chinnasekkadu Velu street, Adhiraj street		Velu street, Adhiraj street	

Zone - 2 234

Streets that require evacuation

During the heavy flood that occurred in 2015, in Manali zone there were 1565 people were evacuated from Edayanchavadi Andarkuppam and they were accommodated in CMDA Steel Yard, Sathankadu, Manali and MMDA Mathur are accommodated in CPS at Padasalai Street and Govt. High School, Mathur. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and locations of relief centers are given below.

SI. No.	ward /Name	Streets	No. of persons	Year	Relief centre
1	15 Manali New Town 29, 28, 30 and 31 st Street		42	2015	CMDA Steel Yard , Sathankadu
2	15 Edayanchavadi	Manali New Town Block No : 73	63	2015	Edayanchavadi School
3	15 Edayanchavadi	Manali New Town 80 Feet Road Milk Booth	120	2015	CMDA Steel Yard , Sathankadu
4	16 Andarkuppam	Sadayankuppam , Irular Colony and Burma Nagar	101	2015	CMDA Steel Yard , Sathankadu
5	16 Andarkuppam	Kanniammanpet , Kamarajapuram, Andarkuppam, Elandhanoor, Gandhi Nagar and Jenifer Nagar	86	2015	CPS- Kanniammanpet, Andarkuppam School
6	17 Vadaperumbakkam	Vadaperumbakkam, Chettimedu, Kosappur	136	2015	Community Centre, Vadaperumbakkam and CoC Middle School , Kosapur
7	18 Manali	Kalaigner Nagar	122	2015	CPS at Padasalai Street
8	18 Manali	Harikrishnapuram	356	2015	CPS at Padasalai Street and Govt Higher Sec School. Manali
9	18 Manali	Salaima Nagar	321	2015	CPS at Padasalai Street
10	10 19 Balasubramanian Nagar		123	2015	Govt. High School , Mathur,
11	11 19 Ponniamman Na MMDA Mathur Chinna Samy N		53	2015	CPS at MMDA 59th Street
12	20 Govt. High school a Manali Padasalai street		42	2015	Govt. High School , Mathur
		Total	1565		

Lighting Facilities

Establishing alternate sources of lighting is a prerequisite. There are 1 battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

O. M.	Ward	Contact person		
SI. No.		Designation	Phone number	
1	15 to 17	Assistant Engineer	9445190907	
2	18,20,21	Assistant Engineer	9445190905	
3	19	Assistant Engineer	9445190906	
4	15 to 21	Additional divisional Engineer (Zone)	9445190042	
5	15 to 21	Divisional Engineer (HQ)	9445190752	

National Disaster Response Force (NDRF)

In Manali zone, the NDRF to be stationed locations and precautionary measures to be taken before the rain is given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	15	Manali New Town 80ft Road, Aavin Booth
2	16	Near Unit Office , Andarkuppam
3	17	Near Division Office , Vadaperumbakkam
4	18	Near Division Office , Nedunchezhiyan Street
5	19	Near Division Office, MMDA 2nd Cross Street
6	20	New MGR Nagar Ist street
7	21	Near Unit Office , CPS Padasalai Street
8	22	Community hall at Devarajan street

NDRF

The Commandant 04, Battalion(NDRF) Suraksha Campus Takkolam, Arakkonam Vellore District – 631 152

Phone No. 04177 - 246594/246269

Zone - 2 236

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below

SI.No.	Ward	Number of boats required with location / evacuation areas	Boats stationed Locations	Contact person & Number AE
1	15	Manali New Town 80 Ft Road , 4 Nos.	Manali New Town near Milk booth	9445190315
2	16	Andarkuppam , Sadayankuppam, Burma Nagar, 4 Nos.	Opposite to CMDA Steel yard	9445190316
3	17	Near Division Office, 2 Nos.	Division Office Vadaperumbakkam	9445190317
4	18	Division Office, Nedunchezhiyan Street, 1 No.	Division Office , Nedunchezhiyan Street	9445190318
5	19	Balasubramaniam Nagar , 1 No.	Chinna mathur Road	9445190319
6	20	1 No. New MGR Nagar Ist street	Division - 20 Office , New MGR Nagar Ist street	9445190320

Transport Equipment & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 2 open lorries and 2 Bob cat are stationed for performing the job. The details of the Lorries available in the zone are given below

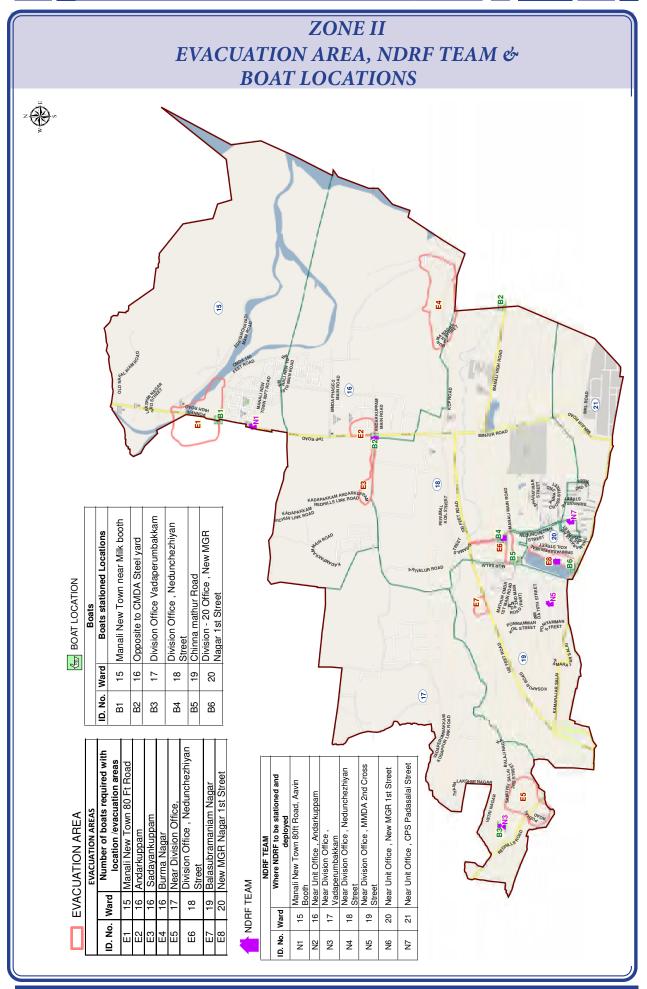
No. of lorries and type kept in readiness
Debris lorry - 2
Skid steer loaders (Bob cat) - 2

Assistant Engi- neer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445190476	-	2	HWV - 2	-

Less than 2.5m streets / lanes that cannot be accessed by Vehicles

SI.No	ward /Name	Street Names
1	18 Manali	Ekambaram Street 3rd , 4 th , 6 th , 7 th , 8 th Lane and Kalaigner Nagar 2 nd , 9 th Street
2	19 MMDA Mathur	MMDA 18,22,25,30,31,33,34,39,41,42,49,61,65,66,70,71,73,7 4 ,90,93,110 & 114Street 1st Cross Street
3	20 Manali	Srinivasa perumal koil 5th , 6 th and 8 th cross lane
4	20 Manali	S.P Koil melandai 2nd lane
5	20 Manali	S.P koil kelandai 2 & 3nd lane
6	20 Manali	Lalbaghadhur Shasthri 2 nd , 3 rd and 4th cross lane
7	20 Manali	Balaraman 4th lane
8	20 Manali	Srinivasaperumal koil 7th lane
9	20 Manali	Balaraman 5th lane
10	20 Manali	Kamaraj salai cross lane Lane
11	20 Manali	Thamaraikulam 2nd Street 1st
12	21 Manali	Poongavanam Cross Lane
13	21 Manali	Thir.Vi.Ka. Street 1 st , 2 nd , 3 rd , 4 th and 6 th Lane
14	21 Manali	Thir.Vi.Ka. Street to Jalagandamariamman Koil Street Link
15	22 Chinna sekkadu	Parthasarathy 6th cross street, Perumal koil Extn, 1st lane, 2nd lane, Munusamy 2nd & 3rd cross street, Devarajan 3rd Cross street

Zone - 2 238



Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee -15

Ward councillor - 9445467015

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190315
GCC - Electrical	Assistant Engineer	9445190907
GCC- Health	Sanitary Inspector	7338917782
GCC - Veterinary	Veterinary Assistant Surgeon	9445026042
GCC - Solid waste management	Conservancy Inspector	9445190516
GCC - Revenue	Tax Collector	9840893861
Devenue	Davanus Inonastar	9962131483
Revenue	Revenue Inspector	9445284639
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930016
CIVIVVOOD	Assistant Liigineei	8144930522
TANGEDCO	Junior Engineer	9445850906
BSNL	Assistant Engineer	9444133445
Fire service	Inspector	044-25224266
Police station	Inspector	9600029616
PWD	Assistant Engineer	9489951540
TNSCB	Assistant Engineer	8056464868
	D I.E	9444294521
Highways	Divisional Engineer	9940012048

Zone - 2 240

Ward committee - 16

Ward councillor - 9445467016

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190316
GCC - Electrical	Assistant Engineer	9445190907
GCC- Health	Sanitary Inspector	7338917782
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste man- agement	Conservancy Inspector	9445190516
GCC - Revenue	Tax Collector	8072710825
Revenue	Revenue Inspector	9884667114
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930016
TANGEDCO	Junior Engineer	9445850907
BSNL	Executive Engineer	9444939357
Fire service	Inspector	044-25224266
Police station	Inspector	9600029616
PWD	Assistant Engineer	8778204390
TNSCB	Assistant Engineer	9445074734
History	Divisional Engineer	9444294521
Highways	Divisional Engineer	9940012048

Ward committee – 17 Ward councillor – 9445467017

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190317
GCC - Electrical	Assistant Engineer	9445190907
GCC- Health	Sanitary Inspector	7338917782
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190517
GCC - Revenue	Tax Collector	9841825880
Revenue	Revenue Inspector	9884667114
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930019
TANGEDCO	Assistant Engineer	9445850875
BSNL	Executive Engineer	9444939357
Fire service	Inspector	044-25224266
Police station	Inspector	9600029616,9498100240,
Folice station		044-25555085
PWD	Assistant Engineer	7200027050
TNSCB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9841702398 / 9940012048

Ward committee – 18		
Ward councillor – 9445467018		Designation
Name of the department	Assistant Engineer	Designation 9445190318
GCC - Engineering	Assistant Engineer	
GCC - Electrical	Assistant Engineer	9445190905
GCC- Health	Sanitary Inspector	7708931877
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190518
GCC - Revenue	Tax Collector	9150609920
Revenue	Revenue Inspector	7010022739
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930019/ 8144930522
TANGEDCO	Junior Engineer	9445850905
BSNL	Executive Engineer	9444133445
Fire service	Inspector	044-25941147, 940035835
Police station	Inspector	6382201561, 9498143642, 9003237333
PWD	Assistant Engineer	8778204390
TNSCB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9444294521
Ward committee –19 Ward councillor – 9445467019		
Name of the department		Designation
GCC - Engineering	Assistant Engineer	9445190319
GCC - Electrical	Assistant Engineer	9445190906
GGG - Electrical	Assistant Engineer	9445025818
GCC- Health	Sanitary Inspector	7708931877
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	904435529
GCC - Revenue	Tax Collector	9840655487
Revenue	Revenue Inspector	7010022739
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930019
TANGEDCO	Junior Engineer	9445857682 ,9445850872
BSNL	Executive Engineer	9445009088 ,9994689690
Fire service	Inspector	044-25941147, 9940035835
Police station	Inspector	9003237333
PWD	Assistant Engineer	8610155151
TNSCB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9444294521
<u> </u>		J-1-1-2-1-12 I
Zone - 2	242	

Ward committee – 20 Ward councillor – 9445467020

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190320
GCC - Electrical	Assistant Engineer	9445190905
GCC- Health	Sanitary Inspector	7708931877
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190520
GCC - Revenue	Tax Collector	8072982520
Revenue	Revenue Inspector	7010022121
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930697
CIVIVOSB		,8144930522
TANGEDCO	Junior Engineer	9445850905
BSNL	Executive Engineer	9444133445
Fire service	Inspector	044-25941147,
THE SELVICE		9940035835
Police station	Inspector	6382201561,
Folice station		,9498143642
PWD	Assistant Engineer	86101 55151
TNSCB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9444294521

Ward committee – 21 Ward councillor – 9445467021

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190321
GCC - Electrical	Assistant Engineer	9445190905
GCC- Health	Sanitary Inspector	7708931877
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	7010731797
GCC - Revenue	Tax Collector	9840157670
Revenue	Revenue Inspector	7010022739
GCC - Park overseer	Park Supervisor	8608914685
CMWSSB	Assistant Engineer	8144930016
CWWCCD		,8144930021
TANGEDCO	Junior Engineer	9445850905
BSNL	Executive Engineer	9444133445
Fire service	Inspector	044-25941147 ,
THE SELVICE		9940035835
Police station	Inspector	6382201561,9498143642,
1 once station		9003237333
PWD	Assistant Engineer	86101 55151
TNSCB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9444294521

Ward committee – 22 Ward councillor – 9445467022

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190322
GCC - Electrical	Assistant Engineer	9445190906
GCC- Health	Sanitary Inspector	7708931877
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190522
GCC - Revenue	Tax Collector	9551023190
Revenue	Revenue Inspector	7010022739
GCC - Park overseer	Park Supervisor	8608914685
		8144930522,
CMWSSB	Assistant Engineer	8144930697,8144930205
		8144930562
TANGEDCO	Junior Engineer	9445978508
		9444133445
BSNL	Executive Engineer	9445012899
	Exceptive Engineer	9486104003
		4425940265
Fire service	Inspector	044-25941147 , 9940035835
Police station	Inspector	6382201561, ,9498143642, 9003237333
Highways	Divisional Engineer	9444294521

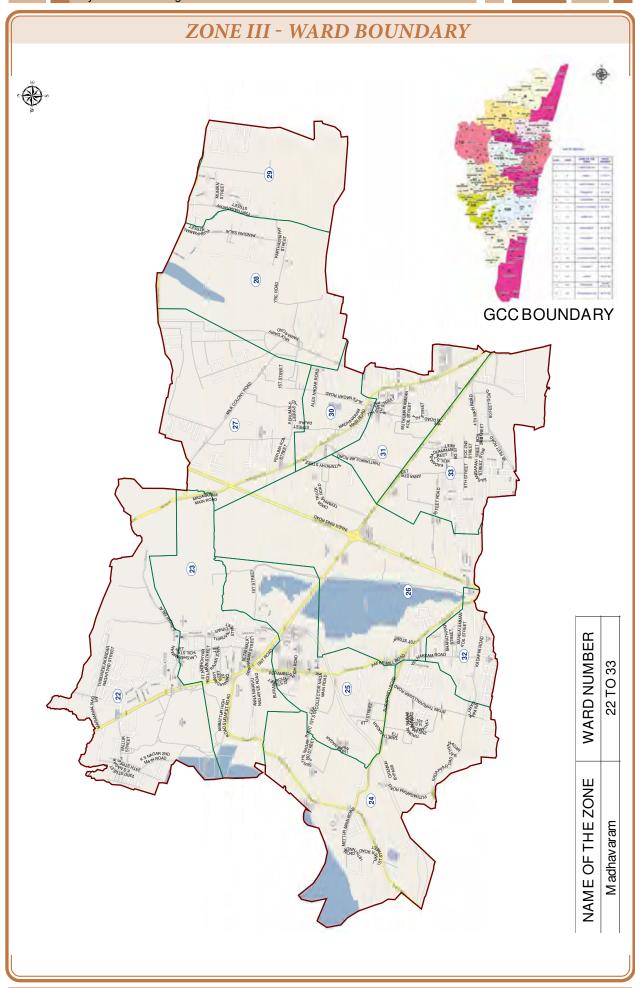
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ZONE - III

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MADHAVARAM



Profile

The Madhavaram zone lies in Latitude 13.147819°, Longitude 80.230986° covering an area of 31.44 Sq.km.

There are 2850 roads, out of which 2835 roads to a length of 438.93 Km are Interior Roads, 7 Roads to a length of 11.006 Km are Bus Route Roads which are maintained by GCC and the remaiing 5 roads are under the maintenance of Highways department and 3 roads are under NHAI.

The population is about 2.28 lakhs that has Male population of about 50.99 % and Female population of about 49.01 %. The most densed area in the zone is Ponniaman Medu with a population of 27,686 and the least in Udayar thottam with a population of 12,280. The Ward wise population of the zone is given below.

SI.No.	Ward No./Name	Total House Holds	Total Population
1	23 Kavangarai	6272	25980
2	24 Puzhal	3248	15360
3	25 Madhavaram	13055	49676
4	26 Alex Nagar	4028	16676
5	27 Arul nagar	7239	21816
6	28 Udayar Thottam	4682	15672
7	29 Ponniamman Medu	5812	13780
8	30 Thanikachalam Nagar	3068	14400
9	31 Kathirvedu	4650	12792
10	32 Soorapet	4545	12280
11	33 Lakshmipuram	5150	16656
TOTAL		66416	228374

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by one Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Zonal Officer	23 to 33	9445190003

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	U-6,8 / Ward 23,24,31,32 & 33	9445190023
2	Executive Engineer-2	U-,7,8 / Ward 25,26,27,28,29 & 30	9445190482
3	Assistant Executive Engineer	U-6 (23,24,32)	9445190106
4	Assistant Executive Engineer	U-7 (25,26,27)	9445190107
5	Assistant Executive Engineer	U-8 (30,31,33)	9445190108
6	Additional Asst. Exe. Engineer	Dn.(28,29)	9710915272

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage. maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Asst. Executive Engineer (SWM)	Unit 6, 7 & 8	9445477207
2.	Conservany supervisor	23, 24, 30,31,32,33	9445191406
3.	Conservany supervisor	26, 27, 28, 29,25	9445191407
4	Conservany supervisor	29, 30, 31, 33,	9445191408

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues are given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone III	9445190063
2	Veterinary Surgeon	Zone III	9445026042
3	Senior Entomologist Zone III		9445025818
4	Assistant Health Officer	Zone III	9445190683
5	Sanitary Officer	23, 24, 32, 31	9499933621
6	Sanitary Officer	26, 27, 30	9499933625
7	Sanitary Officer 25, 28, 29, 33 9445025830		9445025830

Parks

There are 41 Parks available in Madhavaram. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone are given below.

SI. No.	Team member contact No.	Equipment available	Area of operation
1	9444249657, 8248723480 Park Overseer	Telescopic tree Pruner-3, Chain saw tree cutting machine-12	Ward (22 to 33)

Oily Disaster Management Figure			
S.No	Ward	Name Of Ward	Location of the Park
1	23	Puzhal	Gurusanthi Nagar
2	23	Puzhal	Macro Marvel 1st Cross Street
3	23	Puzhal	Macro Marvel 2nd Cross Street
4	23	Puzhal	Macro Marvel Phase III
5	24	Puzhal	V.S. Mani Nagar 3rd Street Park-4
6	24	Puzhal	Gangadharan Street
7	24	Puzhal	Ambattur Red Hills Road (Lake View, Puzhal)
8	24	Puzhal	V.S. Mani Nagar 3rd Street Park-4
9	24	Puzhal	Puzhal (Silver Sky)
10	24	Puzhal	Sri Balaji Nagar Park -1 OSR Land
11	24	Puzhal	Sri Balaji Nagar Park -3 OSR Land
12	24	Puzhal	VS mani Nagar south side OSR Land
13	24	Puzhal	VS mani Nagar North side OSR Land
14	25	Madhavaram	Sivasakthi Nagar
15	25	Madhavaram	RC Flats Arul Nagar
16	25	Madhavaram	KVT (PHASE III) PARK AT V.S MANI NA- GAR
17	25	Madhavaram	Thattankulam Road (Private Maintenance)
18	25	Madhavaram	Ring Road Housing Sector
19	25	Madhavaram	V.R.D. Nagar Park
20	25	Madhavaram	KVT (PHASE I) PARK AT V.S MANI NAGAR
21	25	Madhavaram	KVT (PHASE II) PARK AT V.S MANI NAGAR
22	26	Madhavaram	Assisi Nagar 10th Street
23	27	Periyasekkadu	Krishna Nagar Park & Play Ground
24	27	Madhavaram	BP Nagar
25	27	Madhavaram	Padmagiri Nagar Phase I
26	27	Madhavaram	Padmagiri nagar Phase II
27	27	Madhavaram	Meenambal Avenue (Sasthri Nagar)
28	28	Madhavaram	RC Flats
29	28	Madhavaram	K.K.R. Nagar 1st Main Road
30	28	Madhavaram	K.K.R Garden 2nd Main Road
31	28	Madhavaram	GNT Road CASA GRAND
32	29	Lakshmipuram	VGP Nagar Main Road
33	29	Lakshmipuram	Selvam Nagar Extension
34	29	Lakshmipuram	Thanickachalam Nagar B Blk 5th M R 2nd Cr St
35	29	Madhavaram	Thanigachalam Nagar A blk. Tryangular Park
36	29	Ponniamman medu	Selvam Nagar 2nd Main Road
37	29	Ponniamman medu	Mahathma Gandhi St
38	30	Lakshmipuram	Secretariate colony

S.No	Ward	Name Of Ward	Location of the Park
		Name Of Ward	Location of the Park
39	30	Lakshmipuram	Burial Ground Road (Canal Side Park)
40	30	Lakshmipuram	RC Flats PRH Road
41	30	Madhavaram	Park at Thanikachalam Nagar 3rd St
42	30	Madhavaram	Radient - GNT Road Park
43	31	Kathirvedu	Padmavathy Nagar 6th Street
44	31	Kathirvedu	Padmavathy Nagar 7th Street
45	31	Kathirvedu	Padmavathy Nagr 5th Street
46	31	Kathirvedu	Srinivasan Nagar
47	31	Kathirvedu	Collector Nagar
48	31	Kathirvedu	Thirumalai Srinivasa Nagar
49	31	Kathirvedu	Sowmiya Nagar
50	31	Kathirvedu	Birla Avenue Kathirvedu
51	31	Kathirvedu	Sathyamoorthy nagar
52	31	Madhavaram	Jai Maruthi Nagar west side
53	31	Madhavaram	Ranga Avenue
54	31	Madhavaram	Srinivasa Nagar 2nd Street
55	31	Madhavaram	Jaimaruthi Nagar East side
56	32	Surapet	Lakshmiamman Nagar
57	32	Soorapettu	DG Nagar
58	32	Shanmugapuram	Sri Lakshmi Nagar (Shanmugapuram)
59	32	Shanmugapuram	Thangal karai salai
60	32	Surapet	Selva kumaran Nagar
61	32	Surapet	Park at SIS Captown Mettur Link road
62	33	Lakshmipuram	Teachers Colony 4th Cross St
63	33	Lakshmipuram	Teachers colony 6th Main Road

Sewage Pumping Stations

SI. No.	Div	Pumping Sation Loaction
1	25	Metha Nagar
2	26	Ramachandra Nagar
3	27	Bank Colony
4	28	Muthumarimman koil street
5	29	Thanigachalan Nagar, Chandrapurabhu Colony
6	31	Padmavathy Nagar Pumping station, Rajiv Gandhi Nagar station
7	32	Puthagaram Lift station Madhanakuppam station Thangal karai Salai Kadappa road Pumping station

Tamil Nadu Slum Clearance Board tenements

There is no TNSCB tenements available in this Zone...

Water Bodies and Waterways

There are 3 Canals Passing in this zone (1) Surpat canal maintained by PWD which originates from Madhanakuppam main road travels about 4 Km in the zone and disposes via Retteri lake, (2) Retteri surplus canal maintained by PWD which touches the zone at Retteri bund north to Kosastalayar Basin travels about 4.5 Km in the zone and (3) Thanikasalam Canal maintained by PWD which touches the zone at Retteri south runs about 3.5 Km in the zone and disposes through and drain into Kodungaiyur canal.

Greater Chennai Corporation is doing a massive work to de-silting works in all the canals, storm water drain periodically as a precautionary measure in order to face the upcoming monsoon. Storm Water Drains were constructed by GCC for a distance of 12.93 km to ease the flow of rain water. Most of the Locations were flooded during the North-East Monsoon 2015 due to heavy rain, low lying areas (Divisions 26 24 33), overflow of Retteri (Dn.26, 33) and Korattur Lake (Dn.24, 25, 32) surplus water in the canals and insufficient capacity of water bodies.

The details of various water bodies in this zone are listed below.

Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Surapet Canal	24	Madhanakuppam main road	Retteri lake	4
2	Retteri PWD Canal	25, 23	Retteri Bund North	Kosastalayar Basin	4.5
3	Thanikachalam nagar canal	26-33	Retteri South	Kodungaiyur canal	3.5

Other water bodies

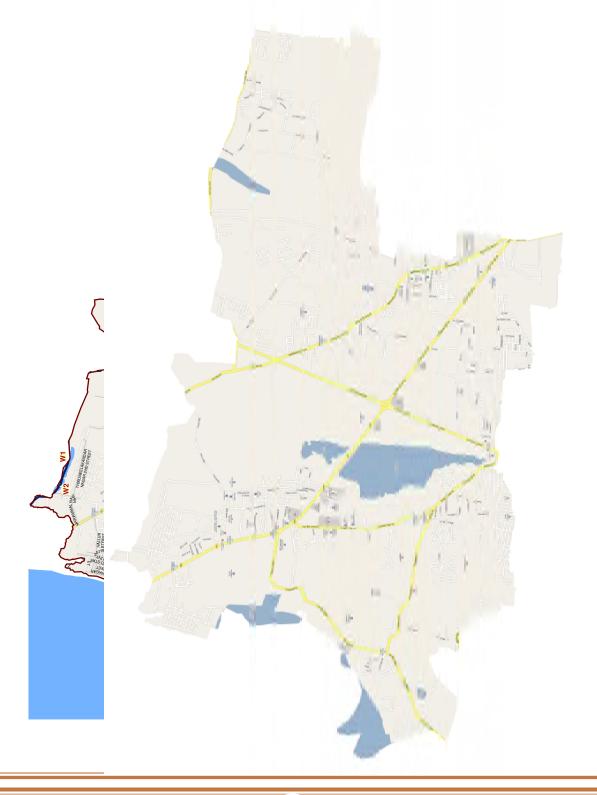
SI. No	Dn. No	Name of the Pond/Lake/Tank	Approximate area of the Pond
1	22	Thamarai kulam	12075/1.20
2	22	Pura kulam	7800/0.78
3	24	Thamarai kulam	11526/1.15
4	24	Basin lake	34931/1.15
5	24	Idhayam kulam	5293/0.52
6	24	Chavadi kulam	1411/0.14
7	24	Pacha kulam	7762/0.77
8	24	Molla kulam	940/0.09
9	24	Chella kulam	2038/0.2
10	24	Thangal lake	19171/1.91
11	25	Uttukkulam	5175/0.52
12	25	Thangal lake	569.40
13	26	Omakulam	14349/1.43
14	26	Thattankulam Road (North)	4174/0.43
15	26	Thattankulam Road (South)	2744/0.27
16	26	Charangabani Kulam	1725/0.17
17	26	Thattankulam road and GNT Road Terapanth nagar kulam	1162/0.12
18	26	Swamy Nagar kulam (Nalla thanni Kulam)	6312/0.63
19	27	Perumal Koil Street Kulam (Opp to Perumal koil)	2980/0.29
20	27	Kumarappuram Kulam	4116/0.41
21	27	Ramachanra Nagar Kulam	7214/0.72
22	27	Assisi Nagar Kulam	4234/0.42
23	28	Milk Colony Main Gate Kulam	2862/0.28
24	28	Padavattamman Koil Street Kulam	1999/0.19
25	29	Ramalingaswamy kulam	1019/0.1
26	30	Athi Kulam	13173/1.32
27	30	Vattamani Kulam	11526/1.15
28	30	Panda Kulam	6199/0.62
29	30	Ring Road sector kulam	650/0.065
30	30	Pillayar Koil Kulam	5018/0.5
31	30	Uppu Kulam	1921/0.19
32	31	Jangiri shop kulam	4039/0.4
33	32	Swamiyar Nagar Kulam	1203/0.12
34	32	Teachers Colony kulam	2299/0.23
35	33	Kullappam kulam	5862/0.59
36	33	GNT Road Kulam	998/0.099
37	33	St.¬Anne's College Kulam	6356/0.64
38	27	Eswaran koil street kulam	1788/0.18
39	27	Perumal Koil Street Manjambakkam main road	2627/0.26
40	27	North Telephone colony kulam	2422/0.24
41	30	Bharathiyar street Kulam	1805.75/0.18
42	31	Moolakadai Kulam	24694.70/2.46

ZONE III - WATER BODIES

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| ODIES | ame of other are bodies | stat. | st





Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, there is no integrated storm water drain network available in this zone. However there are Katcha drain and in few places SWD are available. Construction of SWD in this area is covered under Kosasasthalaiyar Basin for which fund tie up is under study from JICA.

496 storm water drains to a length of 106.62 Km were constructed to ease the flow of rain water in Madhavaram zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs in Km
1	23	133	31.03
2	24	53	12.60
3	25	35	11.34
4	26	54	13.44
5	27	41	10.00
6	28	30	72.97
7	29	80	13.7
8	30	76	11.12
9	31	56	10.73
10	32	164	30.02
11	33	44	10.47
ТОТ	AL	766	227.42

Water stagnated streets in the previous monsoon - heavy rain fall

During the last monsoon,35 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2021 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnations and the actions taken to dispose the rain water in each location are as below,

Water stagnated streets in the previous monsoon - heavy rain fall

S.No	Ward	Streets where inundation seen	Capacity of pumps	Disposal point
1	23	Mahaveer Garden Main Road	Kutcha Drain Formed	Thiruneelagandar Main Road - Puzhal Surplus
2	23	Sakthivel Nagar Main Road	Kutcha Drain Formed	Mahaveer Garden Main Road - Puzhal Surplus
3	23	Thirumalai Nagar 9th Street	Hume Pipe laid. Brick work barrier constructed	KS Nagar Main Street - Puzhal Surplus
4	23	Sakthivel Nagar 22nd Street	2' Hume Pipe laid	Sakthivel Nagar Main Road - Puzhal Surplus
5	24	UCHC, GNT Road, Puzhal	Pumping 22 HP	Ottravadai st - Pura kulam
6	25	200 Feet East & West Service Road	Pump Western Side 165 HP	200 Feet Road - Puzhal Surplus
7	25	Gilburn Nagar	Pump 35 HP	200 Feet Road SWD - MRH Road - Puzhal Surplus
8	25	Arignar Anna Nagar	Pump deployed 125 HP	Retteri Surplus Canal
9	25	Seethapathy Nagar 10, 17 and 20th Streets	3 Nos. of Pumps deployed 45 HP	Seethapathy Nagar Main Road - Thattankulam Road - MRH Road - Kodungayur Canal
10	26	Alex Nagar D Colony	2 Nos. Pumps deployed 30 HP	Bharathidasan St - MMC Road - Manali Lake
11	27	Papathi Ammal Street	1 No. Pump 25 HP	Kumaran Street - Seeyalan St - Kumaran St Extn - Parthasarathy Road - Velu Street
12	27	Ayyavu Garden	1 No. Pump 25 HP	Kumaran Street - Seeyalan St - Kumaran St Extn - Parthasarathy Road - Velu Street

S.No	Ward	Streets where inundation seen	Capacity of pumps	Disposal point
13	27	Padavattamman Koil 2nd Street, Kesthamman Koil Street	1 No. Pump 25 HP	Parthasarathy Street - Velu Street
14	27	Govindaraj Street, Sundaramurthy Street	2 Nos. Pumps 50 HP	Kumaran Street Extention
15	27	Sakunthala Street	Kutcha drain to Peruyasekkadu Perumal Koil Street	Periyasekkadu Perumal Koil Street
16	28	Ambedkar Nagar Main Road	1 No. Pump 15 HP	GNT Road - Kodungayur Canal
17	28	Kannabiran Koil Street and Cross Streets	2 Nos. Pumps 15 HP	Muthumariamman St - MRH Road - Kodungayur Canal
18	28	Dhansingh Maistry Street	1No. 15 HP & 1No. 25 HP	MRH Road - Kodungayur Canal
19	29	Anna Street	1 No. Pump 35 HP	Rangasamy street - 80 Feet Road canal
20	29	Nethaji Street	1 No. Pump 35 HP	Big Street - GNT Road - 80 Feet Road Canal
21	29	Annapoorna Nagar Main Road	1 No. Pump 35 HP	Balakrishna nagar Main road - 80 Feet Road canal
22	29	Govindasamy Street	1 No. Pump 25 HP	Thanikachalam Nagar 'E' blk Anna Street - 80 Feet Road Canal
23	29	Thanikachalam Nagar 5th Main Road	1 No. Pump 25 HP	Thanikachalam Nagar 80 Feet road Canal
24	29	Ma. Po. Vedhachalam Street	1 No. Pump 25 HP	GNT Road Drain
25	30	Thirumalai Nagar 2nd Street	1 No. Pump 35 HP	Thirumalai nagar extn 1st main road - Thanikachalam Canal
26	30	Swamy Nagar	1 No. Pump 35 HP	Samy Nagar Pond
27	30	Thangavel Nagar	1 No. Pump 35 HP	Thirumalai nagar extn 1st main road - Thanikachalam Canal
28	30	Kanchi Nagar	1 No. Pump 35 HP	Rettai Eri
29	30	Subramani Nagar	1 No. Pump 35 HP	Rettai Eri
30	30	Ganesh Nagar	1 No. Pump 35 HP	Rettai Eri
31	30	Thirumal Nagar	1 No. Pump 35 HP	Thirumalai nagar extn 3rd street - Thanikachalam Canal

S.No	Ward	Streets where inundation seen	Capacity of pumps	Disposal point
32	30	Elizabeth Nagar Main Road & adjoining areas (Devaki Nagar, Mohan Nagar, Chellaiah Nagar, Annapoorna Nagar and Ragavendra Nagar)	1 No. 100 HP; 2 Nos. 25 HP; 2 Nos. 10 HP and 1 No. 25 HP (Total 195 HP Pumps)	200 Feet Road - GNT Road - Moolakadai - B Canal
33	31	David Jayavelu Street	1 No. Pump 25 HP	GNT Service Road - Korattur Canal
34	31	Srinivasa Nagar Extension	1 No. Pump 25 HP	GNT Service Road - Korattur Canal
35	32	Surapet Underpass	Natural Flow	Natural Flow

WATER STAGNATED LOCATION PHOTOS SSV Koil Street, Ward-23, Zone -3



anna street, vgp nagar main road,indra nagar ward - 33,zone 3

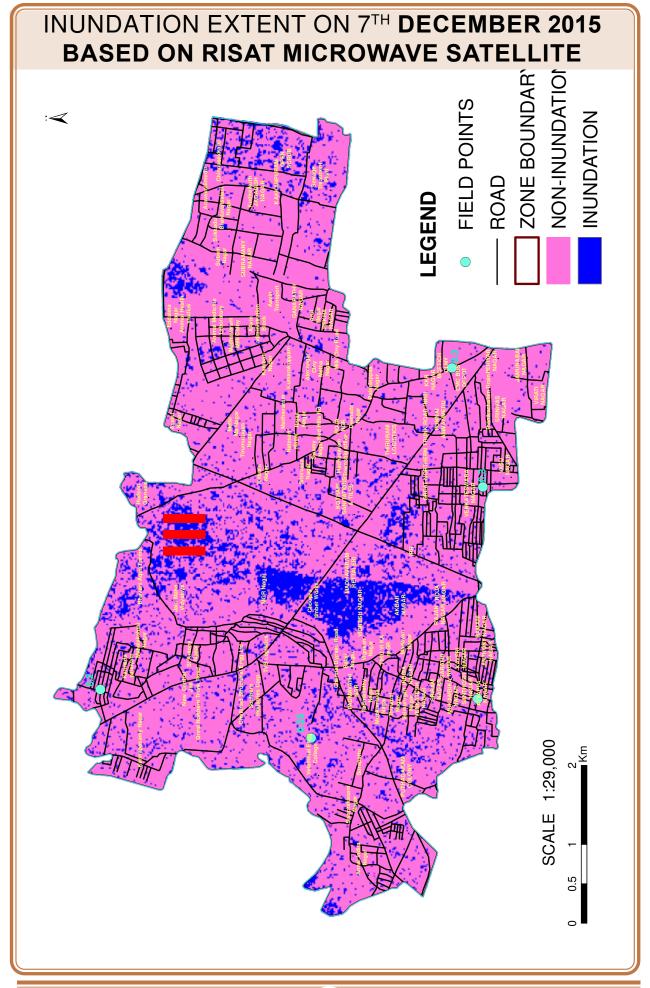


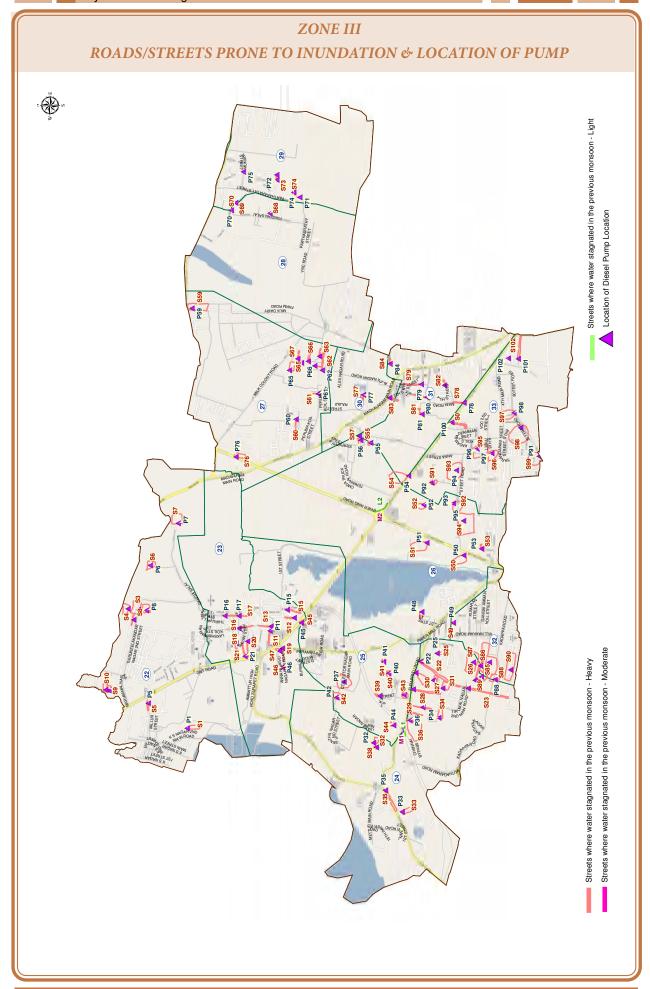
Aringnar Anna Nagar, Ragavendra Nagar



Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

INUNDATION EXTENT ON 3RD DECEMBER 2015 **BASED ON RISAT MICROWAVE SATELLITE** FIELD POINTS - ROAD ZONE BOUNDARY NON-INUNDATION INUNDATION LEGEND SCALE 1:29,000





Water stagnated streets in the previous monsoon - mild rain

S.No	Ward	Name of the Street
1	32	Surapet Main Road near under bridge
2	31	Ring Road near Reliance Shop

Water stagnated streets in the previous monsoon - Moderate rain

S.No	Ward	Name of the Street
1	32	Surapet Main Road near under bridge
2	31	Ring Road near Reliance Shop

Stagnation of water in streets due to sewer blocks

Sewage over flow at Thirumalai Nagar Extn. Thirumalai Nagar, Sastri Nagar, Devaki Nagar, Vajravel Nagar areas due to non availability of pumping station and sewage pipe line leakages In Division 26.

Relief Centres

There are 5 relief centres to a total capacity of 695 is readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres is given below.

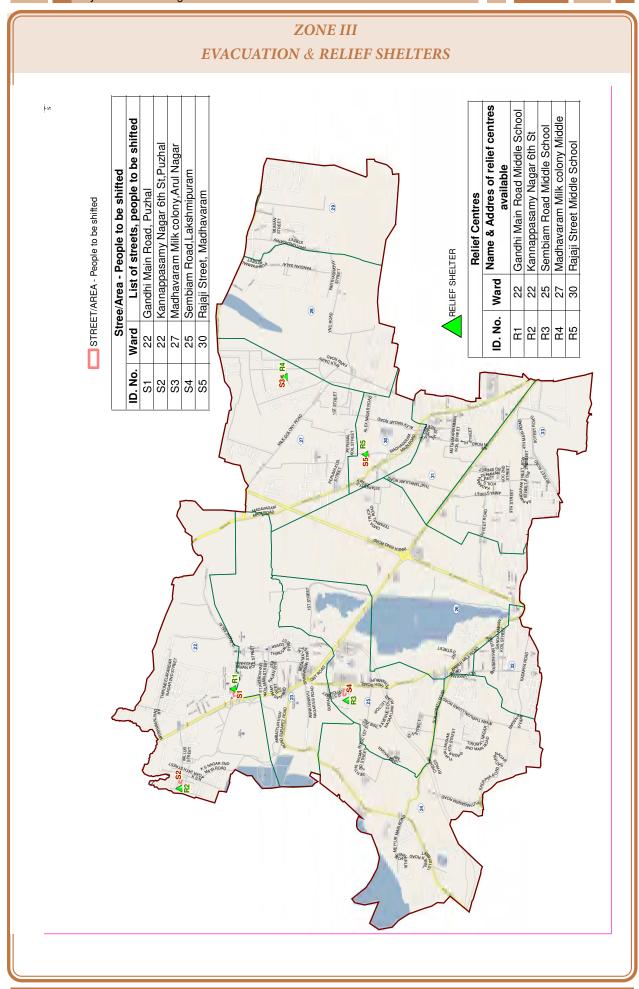
SI. No.	wa rd & Na me	Capa city	Name & Ad- dres of relief cen- tres avail- able	List of streets people to be shifted	Drin king water	Toil ets	Coo king facili ties	Re- spons iblities	Officer in- charge	Contact No.
								Sani- tation, Medi- cine	Sanitary Inspec- tor	94451 90683
1	22	150	Gan- dhi Main Road Middle School	Gandhi Main Road	Yes	Yes	Yes	Evac- ua- tion & Relief Mate- rials	Assis- tant En- gineer	94451 90323
			Scriool					Food & Drink- ing water	As- sistant Rev- enue Officer	94451 90083

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City Disaster Management Plan

SI. No.	wa rd & Na me	Capa city	Name & Ad- dres of relief cen- tres avail- able	List of streets people to be shifted	Drin king water	Toil ets	Coo king facili ties	Re- spons iblities	Officer in- charge	Contact No.
		200	Pop- pili Raja Higher Sec. School, Am- battur Redhills Road, Near Camp,	Ambattur Redhills Road	Yes	Yes	⁄es Yes	Sani- tation, Medi- cine	Sanitary Inspec- tor	94451 90683
2	24							Evac- ua- tion & Relief Mate- rials	Assis- tant En- gineer	94451 90324
								Food & Drink ing water	As- sistant Rev- enue Officer	94451 90083
		27 175	colony	Madha- varam Milk colony	Yes	Yes	es Yes	Sani tation, Medi cine	Sanitary Inspec- tor	94999 33621
3	27							Evac- ua- tion & Relief Mate- rials	Assis- tant En- gineer	94451 90326
			Middle School						Food & Drink- ing water	As- sistant Rev- enue Officer

SI. No.	wa rd & Na me	Capa city	Name & Ad- dres of relief cen- tres avail- able	List of streets people to be shifted	Drin king water	Toil ets	Coo king facili ties	Re- spons iblities	Officer in- charge	Contact No.
	4 31 10			Kathirve- d d	Yes	Yes	Yes	Sani- tation, Medi- cine	Sanitary Inspec- tor	94999 33625
		100	Sem- biam Road Middle School					Evac- ua- tion & Relief Mate- rials	Assis- tant En- gineer	94451 90331
4								Food & Drink- ing water	As- sistant Rev- enue Officer	94451 90083
			Rajaji Street Middle School	Madha- varam	Yes	Yes	s Yes	Sani- tation, Medi- cine	Sanitary Inspec- tor	94999 33621
5	30							Evac- ua- tion & Relief Mate- rials	Assis- tant En- gineer	94451 90325
								Food & Drink- ing water	As- sistant Rev- enue Officer	94451 90083



Subways

There is no subway available as of now in this zone.

Tree fall

During the last monsoon, in Madhavaram zone totally 3 tree/branches were fallen and cleared. The major tree fall in this zone were noticed in the following locations in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.No.	Ward	Name of the Streets
1.	27	Milk Colony
2	27	Moolachatram
3	26	Assisi Nagar

Streets - where water entered houses - do not require evacuation

During the last monsson, 78 inundated spots where water entered houses but doesn't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2021 the under mentioned 80 locations were inundated for more than a day by which the normal day to day activity of 6900 people were standstilled. Flood water from these areas was cleared by using 80 pumps rangining from 3.5 HP to 10 HP capacity. The identified vulnerable spots and the action taken to dispose the rain water in each location is as below,

SI.No.	Ward	Name of the area/ streets		
1	23	Thirumalai Nagar		
2	23	Sakthivel Nagar (Partly)		
3	23	Thamizhan Nagar		
4	23	Kanchi Arul Nagar		
5	23	Mahalakshmi Nagar		
6	24	Mettu Street		
7	24	Thalamuthu Natarajan St		
8	24	Anthoniar Koil St Area		
9	24	Thiruppur Kumaran St		
10	32	lyyan Thiruvalluvar Salai		
11	32	Santhosh Nagar		
12	32	Velmurugan Nagar		

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OLV DISASTEI MANAGEMENT FIAM						
SI.No.	Ward	Name of the area/ streets				
13	32	Madhavan Nagar				
14	32	Sarathy Nagar				
15	32	Venkata Sai Nagar				
16	32	Vijayalakshmi Nagar				
17	32	Elizabeth nagar				
18	32	Thirumal Nagar				
19	32	Purushothaman Nagar				
20	32	Grace Nagar				
21	31	David Jayavelu Nagar				
22	31	Thiruvalluvar Street				
23	31	Aringnar Anna Nagar				
24	31	Veeraragavalu Nagar				
25	31	Lingam Street				
26	30	Ganesh Nagar				
27	30	Anna Street, Kalpalayam				
28	30	Secretariat Colony				
29	30	Seethapathy Street				
30	30	Samy Nagar				
31	30	Thattankulam Road				
32	26	Krishna Nagar Extn.				
33	26	Edaima Nagar Area				
34	26	Mandaveli 5th Street				
35	26	Perumal Koil 6th Street				
36	26	South Telephone Cly Mn Rd				
37	26	North Telephone Cly 1st St				
38	26	Ganesh Nagar & Extn.				
39	26	Ramana Avenue				
40	26	SSV Koil Street				
41	26	Roja Street				
42	27	Mookambigai Street				
43	25	Pukraj Nagar (Partly)				
44	25	VS Mani Nagar				
45	28	Ambedkar Nagar				

SI.No.	Ward	Name of the area/ streets			
47	28	Thiruvalluvar Street, Pandian Street			
48	33	sarathi nagar 1 to 4 street,			
49	33	sarathi nagar extension,			
50	33	nandha nagar,			
51	33	venkateshwara nagar,			
52	33	arul nagar,			
53	33	ganapathy nagar,			
54	33	shankar nagar			
55	33	bharathiyar street extension			
56	33	bharathi nagar,			
57	33	kalai magal nagar 1 to 4 street,			
58	33	moogambigai nagar,			
59	33	adilakshmi nagar			
60	33	teachers colony 4th , 5th, 6th main road			
61	29	annapoorna nagar,			
62	29	balakrishna nagar,			
63	29	sri vishnu nagar,			
64	29	ganapathy nagar,			
65	29	mohan nagar,			
66	29	chellaia nagar,			
67	29	munusamy nagar,			
68	29	gandhi nagar			
69	29	karpagam nagar,			
70	29	v.p.c nagar,			
71	29	srinivasa nagar			
72	29	prakash nagar 1-12 street,			
73	29	vidya nagar			
74	29	anna street,			
75	29	vgp nagar main road,			
76	29	indra nagar			
77	29	vedhachalam street			
78	29	vasudeva thottam			

Streets that require evacuation

During the heavy flood that occurred in 2015, in Madhavaram zone there were 50 people were evacuated from Thirumalai nagar and Aringnar Anna Nagar and they were accommodated in K.S Nagar COC School and Community hall. They were provided with basic amenities like accommodation, food and relief materials for 25 days. The details and location of relief centers are given below.

SI. No.	Ward /Name	Streets	No. of persons	Year	Relief centre
1	23 Kavangarai	Thirumalai nagar	25	2021	K.S Nagar COC School
2	31 Surapet	Aringnar Anna Nagar	25	2021	Community hall
		Total	50		

STREET WATER ENTER HOUSE

Secretariat Colony, ward 26, zone-3



Pukraj Nagar (Partly), ward -30, zone 3



STREET THAT REQUIRE EVACUATION WITH RELIEF CENTER







Lighting Facilities

Establishing alternate sources of lighting is a prerequisite. There is 1 battery powered light available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

		Contact person		
SI. No.	Ward	Designation	Phone number	
1	23,24,31,32	Assistant Engineer	9445190910	
2	26, 27, 28,29, 30, 31,32,33	Assistant Engineer	9445190909	
3	23 to 33	Additional divisional Engineer (Zone)	9445190043	

National Disaster Response Force (NDRF)

In Madhavaram zone, the NDRF to be stationed locations and precautionary measures to be taken before the rain are given below

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	23	Chennai Middle School, Gandhi Main Street, Puzhal.
2	24	Poppili Raja School, Puzhal.
3	32	Chennai Primary School, Surapet
4	31	Chennai High School, Kathirvedu
5	30	Private school nearby Wesley School, Sastri Nagar Near Ring Road
6	25	Chennai Primary School, Rajaji Street.
7	33	Chennai Middle School Lakshmipuram

NDRF

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

Phone No. 04177 - 246594/246269

Rescue Boats

Rescue operations during flood require the services of boats in the form of catamaram/rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations and the precautionary measures which needs to be taken before and during the rain are given below.

SI.No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Locations	Contact person & AE Number
1	23	Macro Marval		9445190322
2	23	Vegetarian Village		9445190322
3	32	lyyan Thiruvalluvar Salai	Division 32 Division Office	9445190324
4	21	Arignar Anna Nagar,		9445190325
5	21	Rajiv Gandhi Nagar		9445190325
6	30	Ganapathy Siva Nagar & Devi Nagar	Division 25	9445190326
7	29	Annapoorna nagar	Omakulam Madu	9445190333

Transport Equipment/Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 4 open lorries, 1 JCB, 3 BOB CAT, 1 water tanker lorry are stationed for performing the job. The details of the lorries availability and the precautiionay measures which needs to be taken before rain are given below

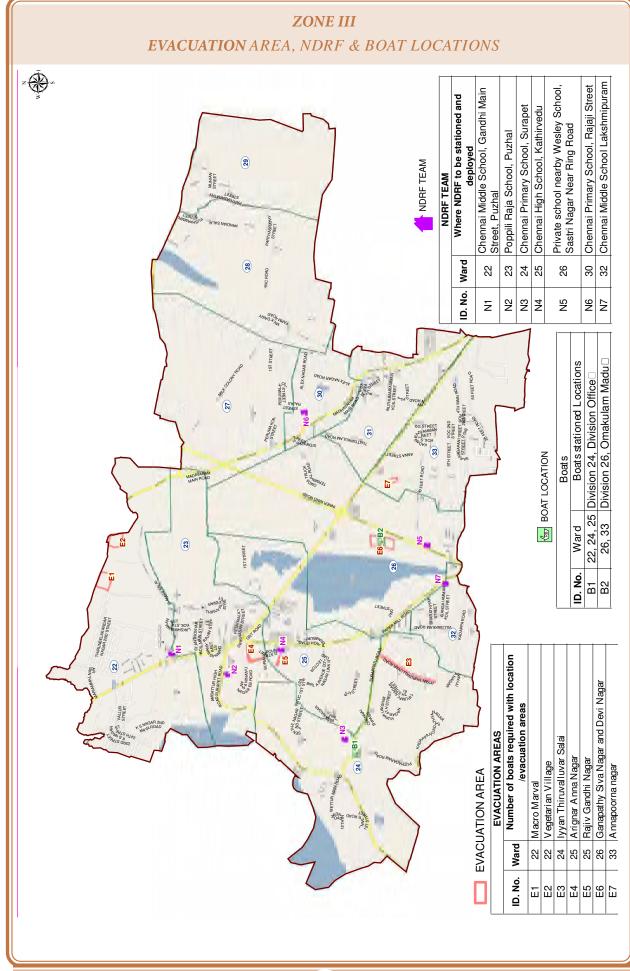
No. of lorries and type kept in readiness
Open lorry - 4
Skid steer loaders (Bob cat) - 3
(Front end loader) JCB - 1

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
7010107828	1	3	4	1

Less than 2.5m streets / lanes that cannot be accessed by Vehicles

SI.No	ward /Name	Street Names		
1.	23, Kavangarai	V.O.C 1st Cross Street		
2	23 Kavangarai	V.O.C 2st Cross Street		
3	23 Kavangarai	Sivaraj Main Cross St.		
4	24 Puzhal	Punitha Anthoniyar 1st Cross 3rd Branch Street		
5	24 Puzhal	Punitha Anthoniyar 3st Cross 3rd Branch Street		
6	24 Puzhal	Punitha Anthoniyar 3 rd Lane		
7	24 Puzhal	Punitha Anthoniyar 2 nd Main Street.		
8	24 Puzhal	St. Anthoniyar Main 2 nd Street		
9	23 Puzhal	Lakshmiamman Koil Main 3rd Cross Street		
10	24 Puzhal	Lakshmiamman Koil Main 2nd Cross Street		
11	24 Puzhal	Sri Balaji Nagar 4th Street		

Only Disaster Management Flam			
SI.No	ward /Name	Street Names	
12	26 Alex Nagar	Perumal Koil Thottam 2nd Cr 2nd and 3rd crossStreet	
13	2 Alex Nagar	Edaima Nagar 3rd Cross St.	
14	26 Alex Nagar	Edaima Nagar 5th Cross St.	
15	26 Alex Nagar	Edaima Nagar 6th Cross St.	
16	26 Alex Nagar	Edaima Nagar 7th Cross St.	
17	26 Alex Nagar	Edaima Nagar 8th Cross St.	
18	26 Alex Nagar	Edaima Nagar 10th Cross St.	
19	26 Alex Nagar	Edaima Nagar 12th Cross St.	
20	26 Alex Nagar	Edaima Nagar 13th Cross St.	
21	26 Alex Nagar	Edaima Nagar 14th Cross St.	
22	25 Madhavaram	Bharathiar 1st cross st	
23	25 Madhavaram	Bharathiar 5th cross st	
24	28 Udayar Thottam	Kannapuram 1st street	
25	29 Ponniamman Medu	Bajanai koil 1st st	
26	29 Ponniamman Medu	Periya salai 1st cr st	



Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee -23 - Kavankarai Ward councillor - 9445467023

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190323
GCC - Electrical	Assistant Engineer	9445190910
GCC- Health	Sanitary Inspector	9445025823
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445190523
GCC - Revenue	Tax Collector	9962295096
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
	Assistant Engineer	8144930122
CMWSSB	Assistant Exe. Engineer	8144930206
	Executive .Engineer	8144930903
	Sup.Engineer	8144931000
	Junior Engineer	044-25376218, 044-25370796
TANGEDCO	Assistant Engineer Grand Line	9445850362
	Assistant Engineer Puzhal	9445850363
BSNL	Assistant Engineer	044 – 26591919
Fire service	Inspector	044-25530721, 9445086166
Police station	Inspector	044-26590989,97899531417
PWD	Assistant Engineer	9710610897, 9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

Ward committee – 24 - Puzhal Ward councillor – 9445467024

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190324
GCC - Electrical	Assistant Engineer	9445190910
GCC- Health	Sanitary Inspector	9445025824
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445191406
GCC - Revenue	Tax Collector	9941865252
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
CMWSSB	Assistant Engineer	8144930123
TANGEDCO	Junior Engineer	044-25376218/25370796
BSNL	Assistant Engineer	044 – 26591919
Fire service	Inspector	044-25530721
Police station	Inspector	044-26590989,97899531417
PWD	Assistant Engineer	9710610897,9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

Zone - 3 279

Ward committee – 25 - Chinnasekkadu Ward councillor – 9445467025

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190325
GCC - Electrical	Assistant Engineer	9445477696
GCC- Health	Sanitary Inspector	9445025825
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445190525
GCC - Revenue	Tax Collector	9940066283
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
	Assistant Engineer	8144930025
CMWSSB	Assistant Exe. Engineer	8144930206
	Executive .Engineer	8144930903
	Assistant Engineer	9445850905
TANGEDCO	Assistant Exe. Engineer	9445850904
	Executive .Engineer	9445850889
	Assistant Engineer	9445122121
BSNL	Office	044-25584040 044-26720100 044.25941000
	JTO	9445367008
	Executive .Engineer	9444400405
	Inspector	044-25530721
Fire service	Office	044-25941147
	Station Officer	9445086020
Police station	Inspector	8754434515
Police Station	Office	044-25940866
PWD	Assistant Engineer	9710610897, 9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805 9003109329 9003195108
- Ingrittayo	Asst. Engineer	9442984812
	ADE	9444254404
NHAI	Assistant Engineer	9884449183

Ward committee - 26 - Madhavaram *Ward councillor - 9445467026*

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190326
GCC - Electrical	Assistant Engineer	944590909
GCC- Health	Sanitary Inspector	9445025826
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445190526
GCC - Revenue	Tax Collector	9444136737
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
	Assistant Engineer	8144930026
CMWSSB	Assistant Exe. Engineer	8144930206
Cinivos	Executive .Engineer	8144930903
	AE Water tank	8144930028
	Junior Engineer	044-25376218 044-25370796
	Assistant Engineer	9445978505
TANGEDCO	ADE	9445850872
	Executive .Engineer	9445850871
	Sup.Engineer	9445850909
BSNL	Assistant Engineer	044-25584040/26720100
Fire service	Inspector	044-25530721
Police station	Inspector	9445462717
Police station	M1 Station	9176640551
PWD	Assistant Engineer	9710610897,9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

Zone - 3 281

Ward committee – 27 - Madhavaram Ward councillor – 9445467027

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190327	
GCC - Electrical	Assistant Engineer	9445477696	
GCC- Health	Sanitary Inspector	9445025827	
GCC - Veterinary	VAS	9445026048, 9445026042	
GCC - Solid waste management	Conservancy Inspector	9445190527	
GCC - Revenue	Tax Collector	9444501756	
Revenue	Revenue Inspector	044-25532143	
GCC - Park overseer	Park Supervisor	9445071064	
	Assistant Engineer	8144930027	
	Assistant Exe.Engineer	8144930206	
CMWSSB	Executive .Engineer	8144930903	
	Sup.Engineer	8144931000	
	Assistant Engineer	9445850905	
TANGEDCO	Assistant Exe.Engineer	9445850904	
	Executive .Engineer	9445850889	
BSNL	Assistant Engineer	044-25584040/26720100	
Financia	Inspector	044-25941147	
Fire service	so	9445086020	
Delice station	Inspector	9445462717	
Police station	Sub.Inspector	9498142127	
PWD	Assistant Engineer	9710610897, 445195918 9791309005	
TNSCB	Assistant Engineer	-	
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108	
NHAI	Assistant Engineer	9884449183	
7000			

Ward committee – 28 - Madhavaram Ward councillor – 9445467028

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190328	
GCC - Electrical	Assistant Engineer	9445190909	
GCC- Health	Sanitary Inspector	9445025828	
GCC - Veterinary	VAS	9445026048, 9445026042	
GCC - Solid waste management	Conservancy Inspector	9445190528	
GCC - Revenue	Tax Collector	9840313176	
Revenue	Revenue Inspector	044-25532143	
GCC - Park overseer	Park Supervisor	9445071064	
	Assistant Engineer	8144930028	
CMWSSB	Executive .Engineer	8144930903	
TANGEDCO	Junior Engineer	044-25376218/25370796	
	Assistant Engineer	044-25584040 044-26720100	
BSNL	Assistant Engineer	9445019950	
		044-25550055	
Fire service	Inspector	044-25550055	
Police station	Inspector	9840285870	
PWD	Assistant Engineer	9710610897, 9445195918 9791309005	
TNSCB	Assistant Engineer	-	
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108	
NHAI	Assistant Engineer	9884449183	

Ward committee – 29 - Ponniammanmedu Ward councillor – 9445467029

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190329
GCC - Electrical	Assistant Engineer	9445477696
GCC- Health	Sanitary Inspector	9445025829
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445190529
GCC - Revenue	Tax Collector	9840479070, 9884134483
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
CMWSSB	Assistant Engineer	8144930129
TANGEDCO	Junior Engineer	9445850864, 9445978506
BSNL	Assistant Engineer	044-25584040/26720100
Fire service	Inspector	044-25530721
Police station	Inspector	044-25531010, 9840777660
PWD	Assistant Engineer	9710610897, 9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

Ward committee – 30 - Thanigachalam Nagar *Ward councillor - 9445467030*

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190330
GCC - Electrical	Assistant Engineer	944590909
GCC- Health	Sanitary Inspector	9445025830
GCC - Veterinary	VAS	9445026048, 9445026042
GCC - Solid waste management	Conservancy Inspector	9445190530
GCC - Revenue	Tax Collector	9087282453
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
	Assistant Engineer	8144930026
CMWSSB	Assistant Engineer (Water)	8144930566
CIVIVVOOD	Assistant Engineer (Sewer)	8144930596
	Office	044-25530100
	Junior Engineer	044-25376218 044-25370796
	DE	9445850871
	ADE	9445850872
TANGEDCO	Madhavaram M1(Thattankulam)	9445850873
	Madhavaram M1	9445850874 9445850875
	(Ponniammanmedu)	9445850864
	Assistant Engineer	9445850862
BSNL	Assistant Engineer	044-25584040,044-26720100
Fire service	Inspector (Madhavaram)	044-25530721
	Inspector (Redhills)	044-26418468
Police station	Inspector Madhavaram	044-26590989 984028587 044-23452783
PWD	Assistant Engineer	9710610897, 9445195918 9791309005
TNSCB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

Zone - 3 285

Ward committee – 31 - Kathirvedu Ward councillor – 9445467031

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190331	
GCC - Electrical	Assistant Engineer	9445190910	
GCC- Health	Sanitary Inspector	9445025831	
GCC - Veterinary	VAS	9445026048, 9445026042	
GCC - Solid waste management	Conservancy Inspector	9445190531	
GCC - Revenue	Tax Collector	9941865252	
Revenue	Revenue Inspector	044-25532143	
GCC - Park overseer	Park Supervisor	9445071064	
	Assistant Engineer	8144930131	
CMWSSB	Assistant Engineer	8939870025	
	Assistant Ex.Engineer	8144930206	
TANGEDCO	Junior Engineer	044-25376218/25370796	
BSNL	Assistant Engineer	044 – 26591919	
Fire service	Inspector	044-25530721	
Police station	Inspector	044-26590989,97899531417	
	Assistant Engineer	9710610897, 9445195918 9791309005	
PWD	Assistant Engineer	9445850363	
FVVD	Assistant Engineer	9445850864	
	Water Resource dept	8072425970	
TNSCB	Assistant Engineer	-	
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108	
NHAI	Assistant Engineer	9884449183	

Ward committee – 32 - Surapet Ward councillor – 9445467032

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190332	
GCC - Electrical	Assistant Engineer	9445190910	
GCC- Health	Sanitary Inspector	9445025832	
GCC - Veterinary	VAS	9445026048, 9445026042	
GCC - Solid waste management	Conservancy Inspector	9445190532	
GCC - Revenue	Tax Collector	9710680940	
Revenue	Revenue Inspector	044-25532143	
GCC - Park overseer	Park Supervisor	9445071064	
CMWSSB	Assistant Engineer	8144930132, 8144930903	
TANGEDCO	Junior Engineer	044-25376218/25370796	
BSNL	Assistant Engineer	044 – 26591919	
Fire service	Inspector	044-25530721	
Police station	Inspector	044-26590989, 9498178975	
PWD	Assistant Engineer	9443130220	
TNSCB	Assistant Engineer	-	
Highways	Divisional Engineer	9442527805, 9003109329,9003195108	
NHAI	Assistant Engineer	9884449183	
TNEB	Assistant Engineer	9445850764, 9445850363	

Ward committee – 33 - Lakshmipuram Ward councilor – 9445467033

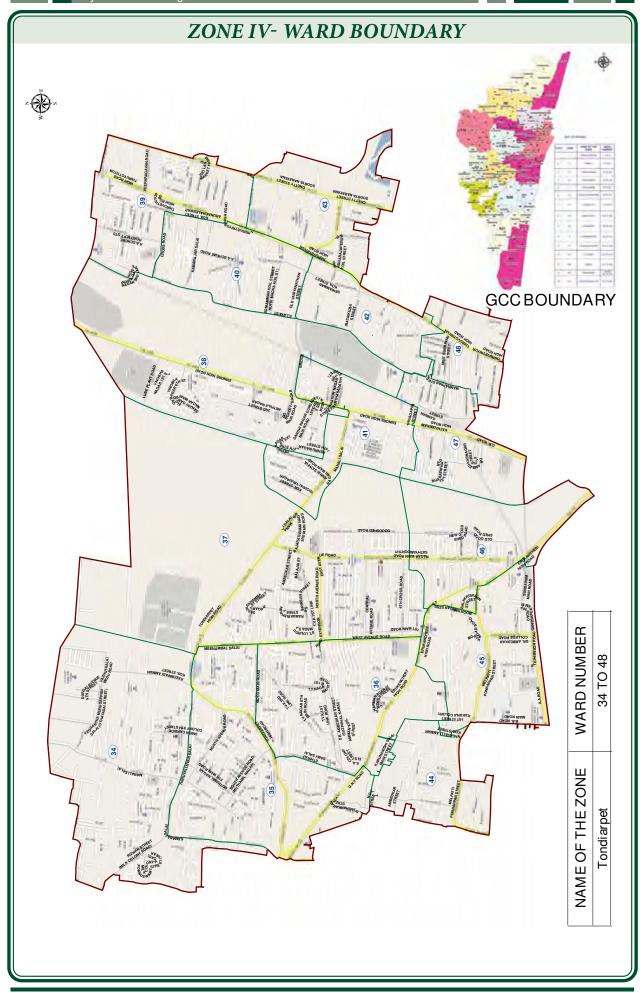
Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190333	
GCC - Electrical	Assistant Engineer	9445477696	
GCC- Health	Sanitary Inspector	9445025833	
GCC - Veterinary	VAS	9445026048, 9445026042	
GCC - Solid waste management	Conservancy Inspector	9445190533	
GCC - Revenue	Tax Collector	9962279731	
Revenue	Revenue Inspector	044-25532143	
GCC - Park overseer	Park Supervisor	9445071064	
ONAMOOD	Assistant Engineer	8144930033	
CMWSSB	Executive .Engineer	8144930903	
TANGEDCO	Junior Engineer	9445850864, 9445978506	
BSNL	Assistant Engineer	044-25584040 044-26720100	
DOINE	Assistant Engineer	9445009977	
Fire service	Inspector	044-25530721	
Police station	Inspector	044-26590989,97899531417	
PWD	Assistant Engineer	9710610897, 9445195918 9791309005	
TNSCB	Assistant Engineer	-	
Highways	Divisional Engineer	9442527805, 9003109329, 9003195108	
NHAI	Assistant Engineer	9884449183	
	Assistant Engineer (Lakshmipuram)	9445850864	
TNEB	Assistant Engineer (Rettari)	9445978506	
	ADE	9445850872	
	Executive .Engineer	9445850871	

ZONE - IV

ZONE CONTENTS

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TONDIARPET



Prof ile

Tondairpet zone lies in Latitude 13.1192°, Longitude 80.2854° and extents to n area of 23.83 Sq.km.

In this zone there are 2902 roads, out of which 2851 roads to a length of 394 Km are Interior Roads, 47 Roads to a length of 36.99 Km are Bus Route Roads which are maintained by GCC and the remaining 3 roads are under the maintenance of Highways department and 1 road is under TNRDC.

The population is about 8.68 lakhs having Male population of 50.09 % and Female population of 49.91 % in this zone. The most densed area in the zone is Kodungaiyur with a population of 82,000 and the least is Tondiarpet with a population of 35,278. The Ward wise population is given below,

SI. No.	Ward / Name	Total House Holds	Total Population
1	34 Jambuli Village	12431	49723
2	35 Kodungaiyur	18,565	82,000
3	36 Erukenchery	18726	74905
4	37 Kodungaiyur	19357	77,427
5	38 Tondiarpet	15982	63929
6	39 Cherian Nagar	17185	68470
7	40 VOC Nagar,Ammani Ammal Thot-tam	10112	40446
8	41 Kumarasamy Nagar South	10028	40111
9	42 Tondiarpet	8820	35278
10	43 Kasimedu	12759	51034
11	44 Perambur Market	14846	59385
12	45 Ganesapuram	15683	62730
13	46 Vyasarpadi	9705	38819
14	47 Korukkupet	19964	79855
15	48 Parthasarathy Nagar	10952	43807
	Total	215115	867919

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	34 to 48	
2.	DRO / Zonal Officer	34 to 48	9445190004

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	U - 9 & 11, Div - 34 to 37 & 44 to 46	94451 90940
2	Executive Engineer-2	U-09,10 & 11, Dn-38- 43,47 & 48	9445190024
3	Assistant Executive Engineer	U-09	9445190109
4	Assistant Executive Engineer	U-10	9445190110
5	Assistant Executive Engineer	U-11	9445190111
6	Additional Divisional Engineer, Electrical	34 to 48	9445190044
7	Assistant Executive Engineer, Mechanical	34 to 48	9445190480

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Assistant Executive Engineer	34 to 48	9445467310
2.	Conservancy supervisor	Unit-09	94451 91409
3.	Conservancy supervisor	Unit-10	94451 91410
4.	Conservancy supervisor	Unit-11	94451 91411

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone 04	9445190064
2	Veterinary Surgeon Zone 04		9445194749
3	Junior Entomologist	Zone 04	9445036569
4	Sanitary Officer	Unit-09	9445025837
5	Sanitary Officer	Unit-10	9445025842
6	Sanitary Officer	Unit-11	9445025837

Parks

There are 14 Parks available in Tondiarpet zone. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI	Team member contact	Equipment available	Area of operation
1	Park Overseer 9445071070	Saws-15 nos	Tondiarpet (Ward 34 to 48)

S.No	Ward	Name Of Ward	Location of the Park	
1	34	Jambuli Village	Binny Nagar Main Road Park Venkateshwara Colony V Street Park Union Carbide Colony 14th Street Park Kavari Nagar Park	
2	35	Kodungaiyur	Krishnan Street (R C APPT) Park, Muthamizh Nagar 9th Street Park,	
3	36	Erukenchery	Bharathi Nagar V Street Park, Vasugi Nagar Park, M.R.Nagar Park, Sharma Nagar 1st Main Road, Sharma Nagar 3rt Main Road, Indra Gandhi Nagar Park E.H Road,	
4	37	Kodungaiyur	Lingesan Street Park, Jawahar Street Park, Vivekanada Street Park, Ambedkar Street Park, Sasirekamma Nagar Park, Kannadasan Nagar 7th block park, Srinivasan Street Park, Gandhi Street Park, 13th Cross Street MKB Nagar park, 16th West Cross Street MKB Nagar, 4th Cross Street MKB Nagar,	
5	38	Tondiarpet	Pattel Nagar Park, Elaya Street (Prince) Park, Nehru Park,	
6	40	VOC Nagar,Ammani Ammal Thottam	Thanthai Periyar Park, Cross Road (Brindavan) Park, Elaya Street (Emmar) Park, Thiruvalluvar Nagar Park, Tsunami quarters B & M, Block park	
7	41	Kumarasamy Nagar South	MGR Nagar Park	
8	42	Tondiarpet	Jeeva Park, Thiyagaraya park, Rettaikuzhi Street	
9	43	Kasimedu	C D Hospital Park & Opp Main Building park, Kasimedu Burial Ground, S.N.Chetty Street Park,	
10	44	Perambur Market	Sathiyavani Muthu Park	
11	45	Ganesapuram	Kasturibai Gandhi Nagar, Desikananda Park, Vysar Nagar V Street Park, Sanjai Nagar Park,	
12	46	Vyasarpadi	Sathyamurthy Nagar Park	
13	47	KORUKKUPET	1.BHARATHI NAGAR TNSCB, ECO park at CB Road	
14	48	Old washermenpet	Telugu Street Park	

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are 34 pumping stations available in Tondiarpet Zone with average

capacity of 9.30MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping stations are given below,

SI.		Capacity	
No.	Pumping Station	MLD	No. of pumps-condition
1	Tondiarpet F New PS(Relay)	45	270HP- 3
2	Tondiarpet APS	12	70 Hp - 3
3	Tondiarpet D PS	3	40 HP CF - 1 ,20 HP CF 1 ,20 HP SUB 1
4	Tondiarpet E PS	3.8	40 HP 2
5	Kannadasa Nagar PS	14	50HP SUB 2
6	Muthamizh Nagar PS	2.8	40HP SUB 1 And 30HP SUB 1
7	C B Road Ps	7	60 HP 1 ,20HP Sub 1
8	Erukkencherry PS	100	215 HP SUB 1 ,150 HP 3 and 1
9	R K Nagar rth PS	10	50 HP SUB 2 ,75 HP 2
10	MKB Nagarps	20	60 HP SUB 2 ,20 HPSUB 1
11	Damodara Nagar PS	3	20 HP SUB 1 ,7 HP SUB 1
12	Poongavanam Nagar PS	2.5	30 HP SUB 2
13	Thendral Nagar PS	2.6	20 HP SUB 3
14	DBK PS	3	20 HP SUB 1 , 10 HP SUB 1 ,32.5 HP SUB 1
15	R R Nagar PS	1.2	15 HP SUB 2
16	K M Nagar PS	1.2	15 HP SUB 2
17	Ranganatha Puram PS	1	7 HP SUB 1 , 4.6 HP SUB 1
18	Singara Vel Nagar PS	1	10 HP SUB 2
19	Vinayagapuram PS	0.3	2 HP SUB 1 , 4.6 HP SUB 1
20	T V Nagar PS	5	50 HP SUB 2
21	N Nagar PS	2.5	30 HP SUB 2
22	Kadumbadi Amman PS	15	60 HP SUB 2 And 50 HP SUB 1
23	Kamaraj Salai Ps	5	12 HP SUB 2 And 20 HP SUB 1
24	KB4 PS	2.8	20 HP SUB 3
25	Tondiarpet F Old PS	4	7 HP SUB 2, 10 HP SUB 1 ,30 HP SUB 1
26	Kasimedu Ps	10	60 HP SUB 2
27	Senniamman Koil Ps	1.5	5HP CF 1,12.5 HP CF 1 ,10 HP SUB 1
28	Verra Kutty PS	1.5	4.6 HP SUB 1 And 1 t
29	Vyasarpadi Ps	7.5	50 HP SUB 2 And 30 HP SUB 1
30	Vyasarpad Lake Area Ps	7.5	50 HP SUB 1 And 30 HP SUB 1
31	Melpattadai PS	7.5	75 HP SUB 2 And 73 HP CF 1
32	Bharathi Nagar PS	1	10 HP SUB 2

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SI. No.	Pumping Station	Capacity MLD	No. of pumps-condition
33	RANGANATHAPURAM P.S	1	10 HP SUB 2
34	C.B.ROAD P.S	1	10 HP SUB 2

Tamil Nadu Slum Clearance Board tenements

There are 19 TNSCB tenements in Tondiarpet zone with a population of 39098. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI. No.	Ward	Tenement location	No. of tenement	Population
1	47	Bharathy Nagar-11Block	432	2300
2	47	Ranganathapuram-18 Block	480	2400
3	46	SM Nagar-Samanthipoo Colony	1326	6630
4	37	Parthasarathy Nagar-4 Blocks	128	640
5	37	SM Nagar	1020	5100
6	37	MGR Nagar	180	900
7	37	Udayasuriyan Nagar	684	3420
8	38	Navalar Nagar	480	2400
9	39	Poodithangammal Street-20 Block	672	3360
10	39	Nagooranthottam	872	4360
11	40	VOC Nagar-18 Block	1914	9570
12	43	Power Kuppa m	620	3100
13	40	Tsumani Quarters	964	4820
14	41	Cornation Nagar	240	1200
15	43	Thilagar Nagar	720	3600
16	43	Kasipuram	322	1610
17	40	Thiruvalluvar Quartres	124	620
18	41	MGR Nagar 10 th Block	188	940
19	37	RR Nagar	288	1440
		Total	11654	58410

Contact details

Department	Designation	Area	Contact .
TNSCB	Executive Engineer	Area IV	9445074846
Conservancy/GCC	Conservancy Supervisor	34 TO 38 (Unit 9)	9445191409
Conservancy/GCC	Conservancy Supervisor	39 TO 43 (Unit 10)	9445191410
Conservancy/GCC	Conservancy Supervisor	44 TO 48 (Unit 11)	9445191411
Water Supply& Sewage /CMWSSB	Area Engineer	Area Engineer/04	8144930904

Water Bodies and Waterways

There are 8 Canals passing in this zone (1) Kodungaiyur canal north is maintained by GCC which starts from Kattabomman street and travels about 1.15 km in this zone and leaves at Muthamizh nagar (2) Kodungaiyur canal south is maintained by GCC travels from Kamaraj salai to Muthamizh nagar to a length of 1.675 km (3) Kodungaiyur main canal is maintained by GCC travels from Chinnadimadam to MGR Nagar to a length of 2.595 km, (4) Link canal is maintained by GCC that starts in this zone at Rajarathinam Nagar travels till Chandrasekaran Nagar to a length of 0.530 km, (5) North B'canal is maintained by PWD travels from Ambedkar street to Parameshwari Nagar to a length of 3.9 km, (6) Captain cotton canal is maintained by GCC starts from EH road travels upto Chandrasekaran Nagar to a length of 3.05 km, (7) Vyasarpadi canal is maintained by GCC starts from Ambedkar college travels upto EH Road bridge length of 1.350 km, (8) Jawahar canal is maintained by GCC starts from Rajangam street to EH Road length of 0.75 km.

Greater Chennai Corporation is doing a massive work to remove hyacinth and de-silting work is done by PWD in the canal maintained by them. Cleaning and de-silting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 105.5 km to ease the flow of rain water. The details of various water bodies in this zone is listed below

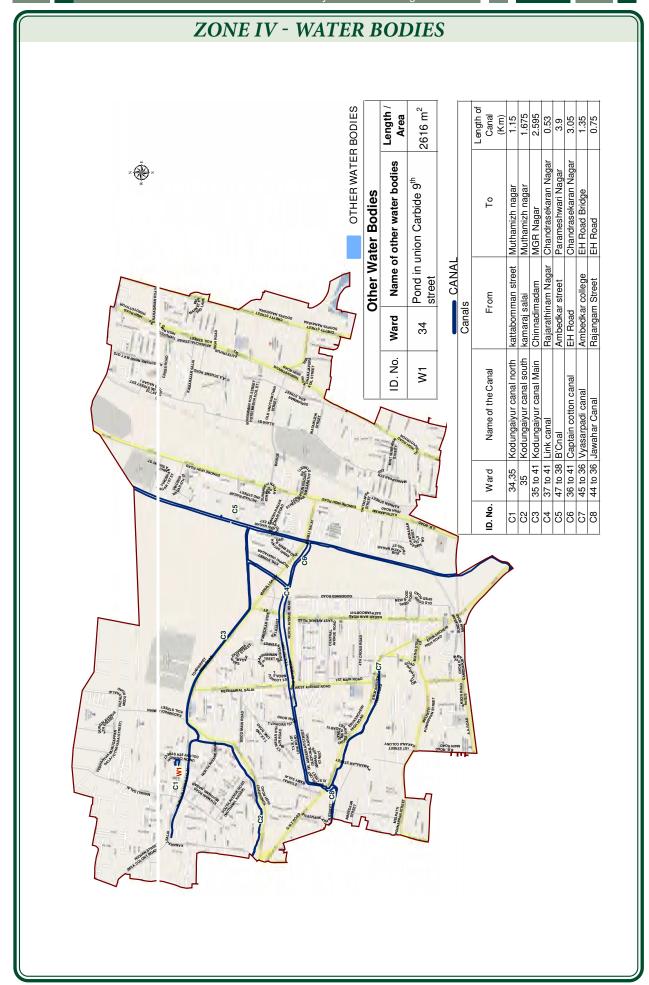
Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Kodungaiyur canal north	34,35	kattabomman street	Muthamizh nagar	1.150
2	Kodungaiyur canal south	35	kamaraj salai	Muthamizh nagar	1.675
3	Kodungaiyur Main canal	35 to 41	Chinnadimadam	North B Canal MGR Nagar	2.595

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
4	Link canal	37 to 41	Captain Cotton Canal Rajarathinam Nagar Chandrasekar Nagar	Chandrasekaran Nagar	0.530
5	North B'Canal	47 to 38	Ambedkar street	Parameshwari Nagar	3.90
6	Captain cotton canal	36 to 41	EH Road	Chandrasekaran Nagar	3.050
7	Vyasarpadi canal	45 to 36	Ambedkar college	EH Road Bridge	1.350
8	Jawahar Canal	44 to 36	Rajangam Street	EH Road	0.75

Other water bodies

SI No	Ward No	Name of other water bodies	Length / Area
1	34	Pond in union Carbide 9 th street	2616 m ²



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

366 storm water drains to a length of 105.55 Km were constructed to ease the flow of rain water in Tondiarpet zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length in SWDs in'km'
1	34	42	11.88
2	35	30	10.15
3	36	38	10.39
4	37	44	17.99
5	38	36	10.47
6	39	18	5.85
7	40	18	8.45
8	41	12	3.05
9	42	12	3.91
10	43	9	3.51
11	44	33	8.07
12	45	33	7.45
13	46	30	7.56
14	47	15	4.30
15	48	22	4.16
Total		392	117.19

Water stagnated Streets in the previous monsoon - Heavy rain

During the last monsoon,26 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnations and the actions taken to dispose the rain water in each location is as below,

Water stagnated streets in the previous monsoon - heavy rain

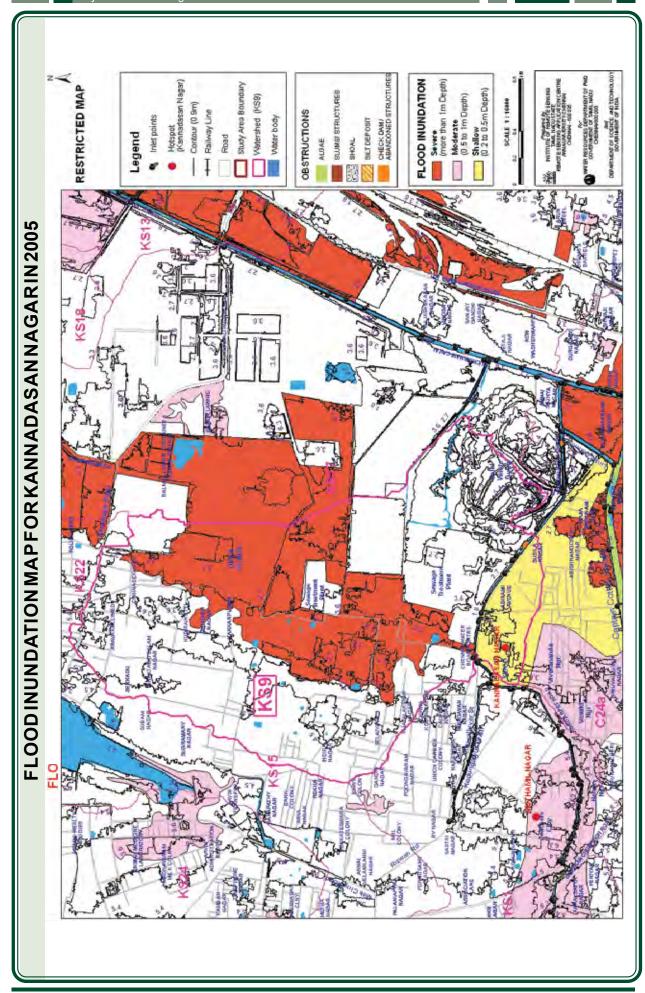
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	34	Durgai Avenue			
2	34	Ponnuswamy Nagar	5HP -2 10HP -1	St Jn of Durgai Avenue	KDG Canal
3	34	Govindaswamy Nagar			
4	35	Muthamil Nagar 7 th Block	5 HP, 10 HP and	Muthamil Nagar 7 th Block	Rain Water discharged
5	35	Muthamil Nagar 8 th Block	15 HP	Muthamil Nagar 8 th Block	to Storm Water Drain
6	36	TVK 1 st Link Road	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
7	36	Dr. Radhakrishnan Street		into this area so not feasi e-natural Disposal to SWI	
8	36	Ambedkar Street		into this area so not feasi e-natural Disposal to SWI	
9	36	Sharma nagar 3 rd Main Road		into this area so not feasi e-natural Disposal to SWI	• • •
10	36	Indra Nagar 2 nd Cross Street	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
11	36	19 th West Cross Street, MKB Nagar	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
12	36	Thiruvalluvar Nagar 8 th Main Road	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		

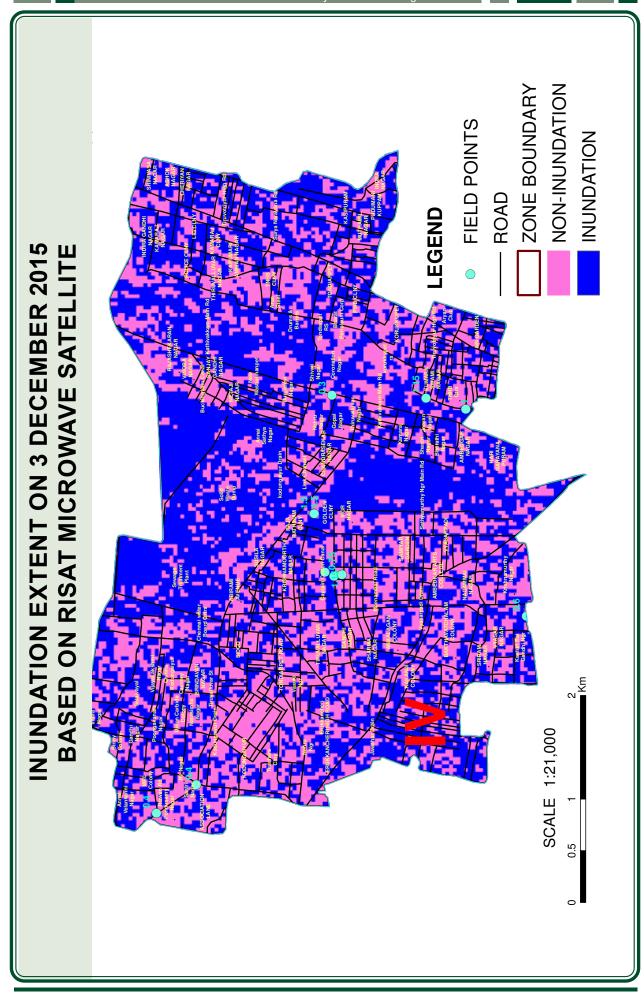
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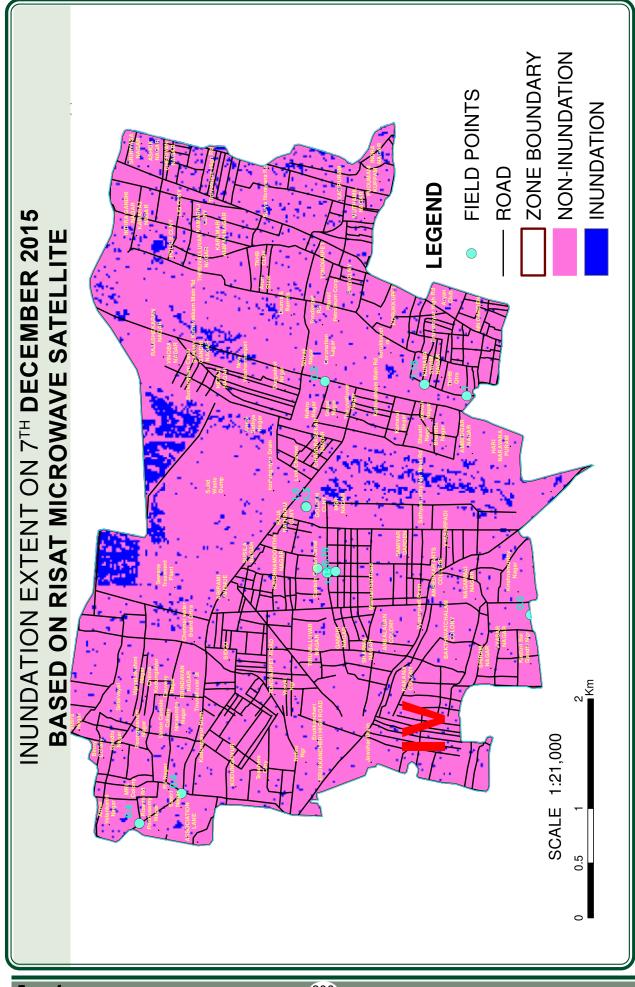
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
13	37	MKB Nagar 16 th to 19 th Central and East		MKB Nagar 16 th to 19 th Central and East		
14	37	RR Nagar 3 rd &4 th Main Road		RR Nagar 3 rd &4 th Main Road		
15	37	RR Nagar 5 th ,6 th and 2 nd Main Road		RR Nagar 5 th ,6 th and 2 nd Main Road		
16	37	RR Nagar 2 nd ,3 rd ,5 th & 6 th Cross Road		RR Nagar 2 nd ,3 rd ,5 th & 6 th Cross Road		
17	37	KKD Nagar	5 HP, 10 HP and 15 HP	KKD Nagar	Rain Water discharged to Storm Water Drain	
18	37	Santhiya Nagar		Santhiya Nagar		
19	37	Subramani Street		Subramani Street		
20	37	Lord Madha Street		Lord Madha Street		
21	37	Srinivasan Street		Srinivasan Street		
22	38	Patel Nagar 3 rd Street	10HP-1, 5HP-1	Patel Nagar 3 rd Street	B-Canal	
23	38	Ilaya Street, Kamaraj Street in Div - 40	25HP – 2 Nos Electrical Motor	AE Koil Street Pump Room	SWD at QQ Scheme Roads	
24	40	Thiruvalluvar Quarters	10HP-3, 7HP – 1	Thiruvalluvar Quarters back side Entrance	Ellaya Street	
25	40	VOC Nagar	2HP- 1, Super Sucker	28th Link Street TP Scheme Road	Ellaya Street	
26	40	Chelliamman kovil Street	Canal Overflow this area so not feasible of pump usage			

City Disaster Management Flam					366
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
27	42	Kailasam Street	5HP-2	Junction Ilaya Street	llaya Street SWD
28	42	Rettaikuzhi Street	5HP-1	Police Station	TH Road SWD
29	43	New Amaranjipuram	5HP-1	SN Chetty Street Jn	SN Chetty Street SWD
30	46	SM Nagar 24th Block	4HP-1 Nos,2HP-1	Jn of SM Nagar Main Road	Vyasarpadi Canal
31	47	CB Road & KH Road	10HP-1,5HP- 1,3HP-1	Sigirinthapalayam 4th St	Kamarajar 10th,12th Street upto B Canal

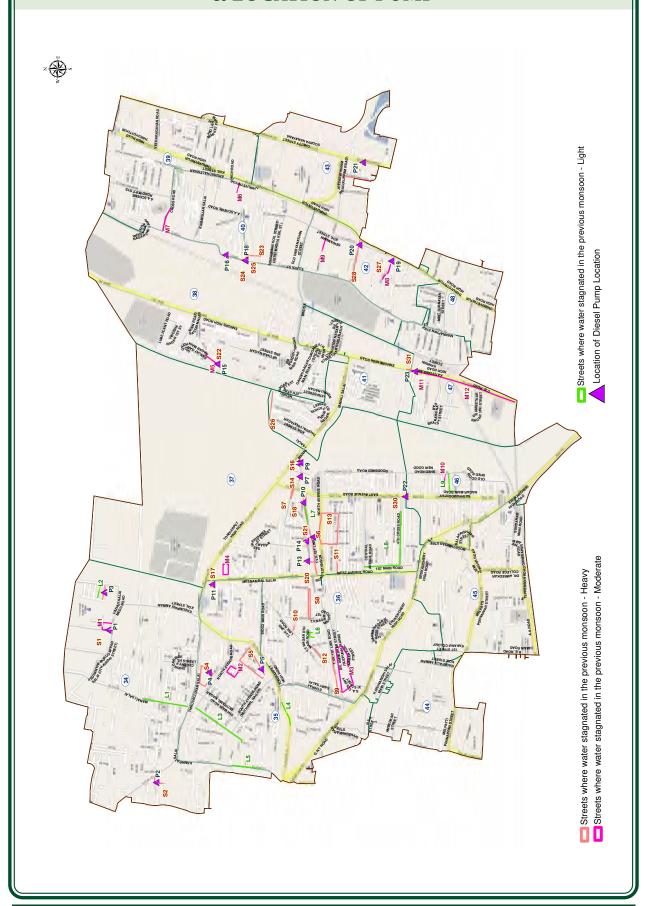
Anna University has mapped the areas inundated in this zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.







ZONE IV ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMP



Water stagnated streets in the previous monsoon - Mild rain fall

S.No.	Ward	Name of the Street			
1	34	anali Salai			
2	34	nnai Therasa Street			
3	35	/est Avenue Road			
4	35	H Road			
5	35	Kamaraj Road			
6	36	hiruvalluvar Nagar			
7	37	VK Link Road			
8	37	MKB 3 rd , 4 th , 5 th , and 7 th Cross Street			
9	46	Mosque Street			
10	46	/enkateswara Perumal Koil Street			
11	46	Moorthingar arikarai street (Raveeswarar Koil)			

Water stagnated streets in the previous monsoon- Moderate rain fall

S.No.	Ward	Name of the Street	
1	34	Durgai Avenue	
2	35	Muthamil Nagar 6 th Blocks	
3	36	Suzhpunal karai	
4	37	Abirami Avenue	
5	38	Patel Nagar 3 rd Street	
6	39	AE Koil Street	
7	40	VOC Nagar	
8	42	VeeraKutty Street	
9	42	T.H.ROAD	
10	46	SM Nagar 24 th Block	
11	47	KH Road	
12	47	CB Road	

Stagnation of water in streets due to sewer blocks

SI	ward	Streets	No. of manholes
1	34	Harbour Colony	2
2	35	Muthamizh Nagar	3
3	35	Ganthi Nagar	3
4	36	Suphpunalkarai	5
5	36	Poombuhar Nagar	8
6	36	Ashok Leyland Quarters	2
7	36	Puthu nagar	7
8	36	sharma nagar	3
9	36	Erukanchery nagar	2
10	37	R.R.Nagar	5
11	37	Annai Sathya nagar	6
12	37	Krishnamurthy Nagar	3
13	37	Damother Nagar	4
14	37	MGR Nagar	6
15	37	Debar Nagar	2
16	37	JJR Nagar	1
17	37	Samiyar Thottam	4
18	37	Golden Complex	3
19	38	Nethaji Nagar	6
20	38	Nehru Nagar	9
21	38	Navalar Nagar	9
22	38	Ilaya Street	11
23	40	VOC Nagar	10
24	41	Aziz Nagar	3
25	41	Kumaran Nagar	4
26	41	Coronation Nagar	5
27	41	Gopal Reddy Nagar	6
28	41	Muneeswaran Nagar I & II Street	2
29	41	MGR Nagar	4
30	41	Ezhil Nagar	3
31	41	JJ Nagar H,I,J,K Nagar	4
32	41	Karumaiamman Nagar	6
33	41	Kannaki Nagar	4
34	41	Annai Sathya nagar	3
35	41	Rikshaw Colony	1

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	City Disaster Manag	gement Plan	GCC
36	43	YMCA Kuppam	2
37	45	Vinayakapuram Main Road	4
38	45	Kakkanji colony	3
39	45	Anna Nagar	3
40	45	Kamaraj Nagar	5
41	45	Ganeshapuram	2
42	45	vyasar nagar main road	3
43	45	Balakrishnan Street	5
44	45	Sundaram 6th Street	4
45	46	Kennedy Nagar	3
46	46	Samanthipoo colony	2
47	46	Mallipoo Colony	1
48	46	Nehru Nagar	1
49	46	C Kalyanapuram	2
50	46	Palla Street	2
51	47	Meenambal Nagar	6
52	47	Ambedkar Nagar	4
53	47	Jeeva Nagar	3
54	47	Ananda Mathaji Nagar	2
55	47	Sikkinder Palayam	3
56	47	Bharathi Nagar	4
57	47	Sikkinder Palayam	3
58	47	Bharathi Nagar	4

Relief Centres

There are 18 relief centres to a total capacity of 12,600 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

SI. No.	WardNo	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinkingwater	Toilets	Cookingfacilities	Responsibli- ties	Officer in-charge (Designa- tion/	Contact No.							
			Murugan Kail	Nethaji				Sanitation, Medicine	Sanitary Inspector	U-9 9445025837							
			Murugan Koil Kalyanamanda- pam	NagarA Street, Nethaji				Evacuation	Assistant Engineer	9445190338							
1	38	100	Nethaji Nagar 2 nd Street ,Tondiarpet, Chennai – 600 021.	Nagar1 st Street Nethaji	Yes	Yes	NO	Food& drinking water	Assistant Revenue Officer	9445190084, 9444170907							
			021.	Nagar2 ¹¹⁰ Street	Nagar2 nd			Relief Materi- als	Assistant Revenue	9445071068, 9283128836							
								Sanitation, Medicine	Sanitary Inspector	U-11 9445190684							
			Andal Kalyana- mandapam,					Evacuation	Assistant Engineer	9445190346							
2	46	200	Erukkancherry High Road, Chennai	Aerikarai	Yes	Yes	NO	Food&Drinking water	Assistant Revenue Officer	9445071068, 9283128836							
										Relief Materi- als	Assistant Revenue Officer	9445071068, 9283128836					
			Nadar Uravin					Sanitation, Medicine	Sanitary Inspector	U-11 9445190684							
			MuraiKalyanaman- dapam,	Bharathi Nagar Housing BoardTen- emantst											Evacuation	Assistant Engineer	9445190347
3	47	250	No.4/46, Bharathi Nagar 2 nd Street, Korrukkupet, Chennai – 600		Yes	Yes	NO	Food & Drink- ingwater	Assistant Revenue Officer	9445190084, 9444170907							
			021.		antot			Relief Materi- als	Assistant Revenue Officer	9445190084, 9444170907							
								Sanitation, Medicine	Sanitary Inspector	U-11 9445190684							
			Corporation Com-					Evacuation	Assistant Engineer	9445190348							
4	48	48 150 munity Center, Parthasarathy Nagar, Chennai – 600	Yes	Yes	NO	Food & Drink- ingwater	Assistant Revenue Officer	9445190084, 9444170907 & 9445071068, 9790797999									
	021					Relief Materi- als	Assistant Revenue Officer	9445190084, 9444170907 & 9445071068, 9283128836									

SI.No.	wardNo	Capacity	Name & Addresof relief centresavailable	List of streets people to be shifted	Drinkingwater	Toilets	Cookingfacilities	Responsi- blities	Officer in-charge (Designa- tion/	Contact No.												
								Sanitation, Medicine	Sanitary Inspector	U-9 9445025837												
			Chennai					Evacuation	Assistant Engineer	9445190335												
5	35	450	MiddleSchool, Tondiarpet HighRoad	Solaiappan Koil Street	Yes	Yes	ON.	Food & Drinking water	Assistant Revenue Officer	9445071068, 9283128836												
								Relief Ma- terials	Assistant Revenue Officer	9445071068, 9283128836												
			Chennai High					Sanitation, Medicine	Sanitary Inspector	U-9 9445025837												
			School, No.105, KamarajHigh	Muthamizh				Evacuation	Assistant Engineer	9445190336												
6	36	200	Road, Kodungaiyur,	Nagar Ca- nal Side	Yes	Yes	ON.	Food & Drinking	Assistant Revenue Officer	9445071068, 9283128836												
			Chennai – 600 118					Relief Ma- terials	Assistant Revenue Officer	9445071068, 9283128836												
								Sanitation, Medicine	Sanitary Inspector	U-9 9445025837												
			Chennai High	Suzhpunal				Evacuation	Assistant Engineer	9445190336												
7	36	550	School, Sharma Nagar	Karai,Indra Gandhi Nagar	Gandhi		Karai,Indra Gandhi	Karai,İndra Gandhi	Gandhi	Gandhi	Gandhi	Gandhi	Gandhi	Gandhi	Gandhi	Gandhi	Yes	Yes	ON	Food & Drinking water	Assistant Revenue Officer	9445071068, 9283128836
								Relief Ma- terials	Assistant Revenue Officer	9445071068, 9283128836												
				Patel Nagar,				Sanitation, Medicine	Sanitary Inspector	U-9 9445025837												
			CHSS, Patel	Vibobha Nagar, Tamizhar				Evacua- tion	Assistant Engineer	9445190338												
8	38	1600	Nagar4 th Street	, Annai Sandhiya Nagar,	Yes	Yes	9 N	Food & Drinking water	Assistant Revenue Officer	9445190084, 9444170907												
				Nedun- chezhian Nagar				Relief Materials	Assistant Revenue Officer	9445190084, 9444170907												
								Sanitation, Medicine	Sanitary Inspector	U-10 9445025836												
			Chennai HighSchool,					Evacua- tion	Assistant Engineer	9445190339												
9	39		MPT Colony, AA Scheme Road.	VOC Nagar	Yes	Yes	9	Food & Drinking water	Assistant Revenue Officer	9445190084, 9444170907												
			. 1000					Relief Materials	Assistant Revenue Officer	9445190084, 9444170907												

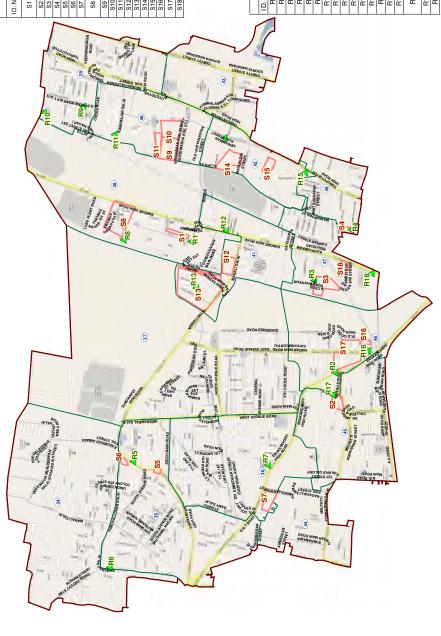
SI.No.	wardNo	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinkingwater	Toilets	Cookingfacilities	Responsib- lities	Officer in-charge (Designa- tion/	Contact No.
								Sanitation, Medicine	Sanitary Inspector	U-10 9445025836
			Chennai High					Evacuation	Assistant Engineer	9445190339
10	39		School, AA Scheme	VOC Nagar	Yes	Yes	ON	Food& Drinking water	Assistant Revenue Officer	9445190084, 9444170907
			Road.					Relief Mate- rials	Assistant Revenue Officer	9445190084, 9444170907
								Sanitation, Medicine	Sanitary Inspector	U-10 9445025836
			Chen- nai High School,					Evacuation	Assistant Engineer	9445190340
11	40 250 Kamaraj VOC Nagar Salai,	Yes	Yes	ON ON	Food& Drinking water	Assistant Revenue Officer	9445190084, 9444170907			
			Govt Press Colony.					Relief Mate- rials	Assistant Revenue Officer	9445190084, 9444170907

ZONE IV EVACUTION & RELIEF SHELTERS

RELIEF SHELTER



ſ			Relief Centres
1	ID. No. Ward	Ward	Name & Addresof relief centres availab
1	R5	32	Chennai Middle School, Tondiarpet High Road
	R6	36	Chennai High School, No105, Kamaraj High Road
	R7	36	Chennai High School, Sharma Nagar
	F4	88	Murugan Koil Kalyanamandapam, Nethaji Nagar 2
	R8	88	CHSS, Patel Nagar 4th Street
	R9	33	Chennai High School, MPT Colony, AA Scheme Roa
	R10	33	Chennai High School, AA Scheme Road
	H11	40	Chennai High School, Kamaraj Salai, Govt Press Co
	R12	41	Chennai Primary School, No103, Cornaton Nagar 🛭
	R13	41	Chennai Middle School, MGR Nagar 3rd Street
	R14	45	Chennai Primary School, Seniamman Koil Street
	R15	45	Corporaton Higher Secondary School No 540, TH R
	R2	46	Andal Kalyanamandapam, Erukkancherry High Roa
	R16	46	CHSS, C Kalayanapuram
	R17	46	Chenani Middle School, Moorthingar St, Vyasarpao
	6	7	Nadar Uravin Murai Kalyanamandapam,Bharathi N
	2	,	Street
	R18	47	Harinarayapuram CHS
		٩	



Subways

There are 2 subways at T.H. Road and Vyasarpadi in Tondiarpet zone. The pumps with different capacities are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No.	Ward/Name	Length of the subway in 'm'	Pumped water disposal point	Number of pump sets installed - regu- lar/ standby to pump out water
1	Ward 43, Pedestrian Subway opposite to CDH ,T.H Road	22.4	TH road SWD	1-5HP
2	Ward 46, Vyasarpadi Subway (Highways Department)	30.0	The Dewatering Work is carried by HD	8 108HPs



Pedestrian Subway opposite to CDH, T.H Road

Tree fall

During the last monsoon, in Tondairpet zone totally 13 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

S.No	Ward	Name of the Street
1	34	Union Carbide colony
2	34	School Road
3	34	Narayanasamy garden
4	35	Muthamizh nagar
5	37	Meenambal salai
6	38	Nethaji Nagar
7	40	MPT Colony
8	43	Kummalamman Koil Street
9	43	Othavadai CDH
10	48	Thulasingam salai
11	45	Avvai nagar 1 st Street
12	48	48-ward office
13	48	Parthasarathy street

Streets - water entered houses - do not require evacuation

During the last monsson, 19 inundated spots where water entered houses but do not require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 19 locations were inundated for more than a day by which the normal day to day activity of 16,465 people were standstilled. Flood water from these areas were cleared by using 19 pumps ranging from 5 HP to 15 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets
1	43 Kasimedu Village	Singarvelan Nagar Palla Paguthi
2	35 Kodungaiyur	Muthamil Nagar 6 th Blocks
3	35 Kodungaiyur	Muthamil Nagar 7 th Blocks
4	35 Kodungaiyur	Muthamil Nagar 8 th Blocks

SI.No.	Ward/Name	Name of the area/ streets
5	37 Kodungaiyur	MKB Nagar 6 th Main Road
6	37 Kodungaiyur	MKB Nagar 5 th Cross Street
7	37 Kodungaiyur	Central Avenue,North Avenue Road
8	38 Tondiarpet	Patel Nagar 3 rd Street, Nehru Nagar 13 th Street
9	40 VOC Nagar, Ammani Ammal Thottam	VOC Nagar 36 Huts
10	40 VOC Nagar, Ammani Ammal Thottam	Chelliamman kovil Street
11	41 Kumarasamy Nagar South	MGR Nagar Canal Road
12	45 Ganesapuram	Sanjay Nagar
13	46 Vyasarpadi	SM Nagar 24 th Block
14	46 Vyasarpadi	Mosque Street
15	46 Vyasarpadi	Samanthipoo Colnoy
16	46 Vyasarpadi	Mallipoo Colony
17	46 Vyasarpadi	A,B,C Kalyanapuram
18	47 Korukkupet	Meenambal Nagar
18	47 Korukkupet	Ambedkar Street
19	47 Korukkupet	KH Road
20	47 Korukkupet	Ambedkar Street

Streets that require evacuation

During the heavy flood that occurred in 2015, in Tondiarpet zone 18,045 people were evacuated from Muthamil Nagar, Dr. Radhakrishnan Street etc. and they are accomated in Schoos, Kalyanamandapam. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and locations of relief centers are given below.

S.No	ward	Streets	No. of persons	Years	Relief centre
1	34	Durgai Avenue	1000		Chinna KodungaiyurSchool
2	35	Muthamil Nagar 7 th Block	3670	2015	Chennai High School, No.105, Kamaraj High Road Kodungaiyur, Chennai – 600 118
3	35	Muthamil Nagar 8 th Block	3070		Chennai Middle School, Tondiarpet, High Road
4	36	TVK 1 st Link Road			Chennai Middle School, Periya Kodungaiyur
5	36	Dr. Radhakrishnan Street			
6	36	Ambedkar Street			
7	36	Sharma nagar 3 rd Main Road	200	2015	Chennai High School,
8	36	Indra Nagar 2 nd Cross Street			Sharma Nagar
9	36	19 th West Cross Street, MKB Nagar			
10	36	Thiruvalluvar Nagar 8 th Main Road			

S.No	ward	Streets	No. of persons	Years	Relief centre
11	37	MKB Nagar 16 th to 19 th Central and East			
12	37	RR Nagar 3 rd &4 th Main Road			
13	37	RR Nagar 5 th ,6 th and 2 nd Main Road			RR Nagar-CMS
14	37	RR Nagar 2 nd ,3 rd ,5 th & 6 th Cross Road	1500	2015	MKB Nagar-CMS
15	37	KKD Nagar			
16	37	Santhiya Nagar			KKD Nagar-CMS
17	37	Subramani Street			
18	37	Lord Madha Street			
19	37	Srinivasan Street			
20	38	Patel Nagar,	400	2015	
21	38	Nedunchelian Nagar,	500	2015	
22	38	New Vinobha Nagar,	475	2015	CHSS- Patel Nagar 4 th Street,
23	38	Sanjay Gandhi Nagar,	1000	2015	Nadar Kalyanaman-
24	38	Annai Sandhya Nagar,	900	2015	dapam-Nethaji Nagar 5 th St
25	38	Nehru Nagar,	600	2015	
26	38	Nethaji Nagar&	300	2015	
27	38	Tamizhar Nagar	240	2015	
28	40	VOC Nagar	600	2015	
29	40	VOC Nagar 36 huts		2015	
30	40	Chelliamman Koil Street		2015	Kamaraj Salai CMS,Thriuvalluvar
31	40	AA Scheme Road	5000	2015	Nagar CPS
32	40	Thiruvalluvar Nagar		2015	
33	40	Cross Road		2015	

S.No	ward	Streets	No. of persons	Years	Relief centre
34	41	MGR Nagar Canal Road	300	2015	Chennai Primary School, No.103, Cornation Nagar, Chennai – 600 081. & Chennai Middle School, MGR Nagar 3 rd Street, Chennai – 600 021.
35	42	Veerakutty Street	150	2015	Corporation Higher Secondary School No.540, TH Road, Chennai – 600 021.
36	42	Rettaikuzhi Street, Seniamman Koil Street	300	2015	Chennai Primary School, Seniamman Koil Street, Chennai – 600 081.
37	45	Ganesa puram main road	450	2015	CHS-Ganesapuram, Ch-39
38	46	Moorthinagr Street Aerikarai Slum (HOUS- ING BOARD HAS BEEN BUILD AND HAND OVER TO RESPECTIVE PEOPLE)	150	2015	Chennai Middle School, Moorthingar Street & Andal Kalyanamandapam, Erukkancherry High Road, Chennai
39	47	Ambedkar Nagar	250	2015	Harinarayanapuram –CHS&
40	47	Rajiv Gandhi Nagar	60	2015	Nadar Uravin Murai Kalyanamandapam, No.4/46, Bharathi Nagar 2 nd Street, Korrukkupet, Chennai – 600 021. Harinarayanapuram -CHS



Vinobha Nagar, Dn-38, Zone IV



Nehru Nagar 13th Street, Dn-38, Zone IV

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There are 4 battery powered lights are available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

	Ward	Contact person		
SI. No.		Designation	Phone number	
1	34,35	Assistant Engineer	9445477689	
	36,44	Assistant Engineer	9445190230	
2	38,39,40,43	Assistant Engineer	9445190914	
3	41,42,47,48	Assistant Engineer	9445190915	
	37,45,46	Assistant Engineer	9445190918	
4	34 to 48	Additional Divisional Engineer (Zone)	9445190044	
5	34 to 48	Divisional Engineer North(HQ)	9445190753	

National Disaster Response Force (NDRF)

In Tondiarpet zone, the NDRF to be stationed locations is given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	37	SM Nagar Community Hall
2	42	540 TH Road, Corporation Higher Secondary School.
3	39	731 TH Road, Corporation Higher Secondary School.
4	46	Kalyanapuram School

NDRF

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

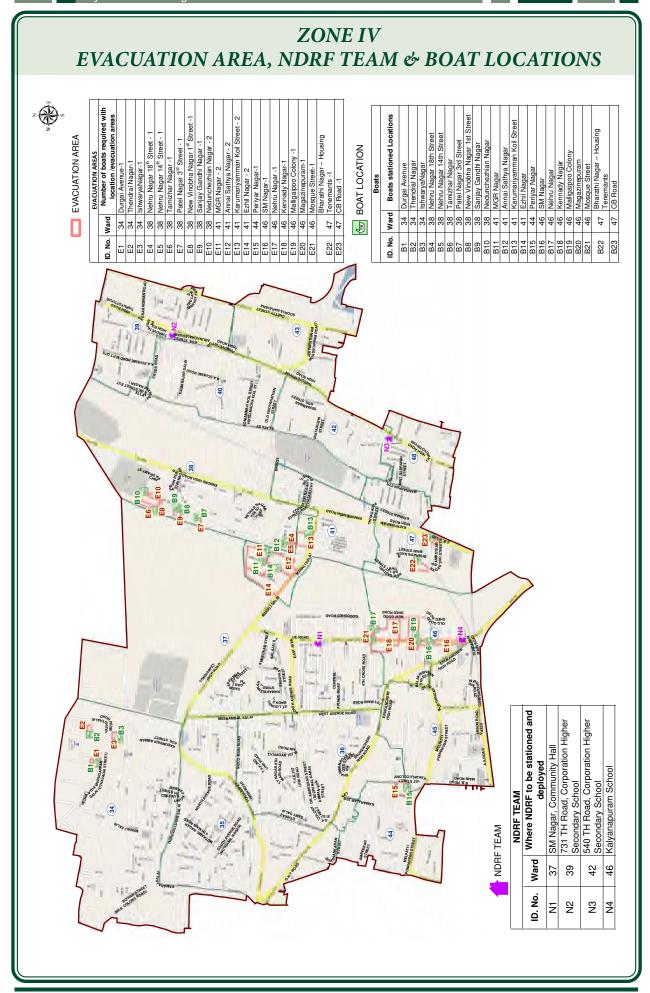
Vellore District – 631 152

Phone No. 04177 - 246594/246269

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

			_	
SI. No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Locations	Contact person & Number
1	34	Durgai Avenue-1	Durgai Avenue-1	9445190334 AE
2	34	Thendral Nagar-1	Thendral Nagar-1	9445190334 AE
3	34	IshwaryaNagar-1	IshwaryaNagar-1	9445190334 AE
4	38	Nobru Nagar 19th Stroot 1	Nehru Nagar 18 th	9445190338 AE
4	30	Nehru Nagar 18 th Street - 1	Street - 1	9443190336 AE
F	20	Nobre Nogor 14th Ctroot 1	Nehru Nagar 14 th	0445400220 AF
5	38	Nehru Nagar 14 th Street - 1	Street - 1	9445190338 AE
6	38	Tamizhar Nagar -1	Tamizhar Nagar -1	9445190338 AE
7	38	Datal Nagar 2rd Street 1	Patel Nagar 3 rd	9445190338 AE
'	30	Patel Nagar 3 rd Street - 1	Street - 1	9443190336 AE
8	38	New Vinobha Nagar 1 st Street -1	New Vinobha Nagar 1 st Street -1	9445190338 AE
9	38	Sanjay Gandhi Nagar -1	Sanjay Gandhi Nagar -1	9445190338 AE
10	38	Nedunchezhian Nagar - 2	Nedunchezhian Nagar - 2	9445190338 AE
11	41	MGR Nagar - 2	MGR Nagar - 2	9445190341 JE
12	41	Annai Sathya Nagar - 2	Annai Sathya Nagar - 2	9445190341 JE
13	41	Karumariyamman Koil Street - 2	Karumariyamman Koil Street - 2	9445190341 JE
14	41	Ezhil Nagar - 2	Ezhil Nagar - 2	9445190341 JE
15	44	Periyar Nagar-1	Periyar Nagar-1	9445190344 AE
16	46	SM Nagar-1	SM Nagar-1	9445190346 AE
17	46	Nehru Nagar -1	Nehru Nagar -1	9445190346 AE
18	46	Kennady Nagar-1	Kennady Nagar-1	9445190346 AE
19	46	Malligaipoo Colony -1	Malligaipoo Colony -1	9445190346 AE
20	46	Magazinepuram-1	Magazinepuram-1	9445190346 AE
21	46	Mosque Street-1	Mosque Street-1	9445190346 AE
22	47	Bharathi Nagar – Housing Tenemants -1	Bharathi Nagar – Housing Tenemants -1	9445190347 JE
23	47	CB Road -1	CB Road -1	9445190347 JE



Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There are 6 debris lorries, 3 skid steer loaders and 2 front end loaders are stationed for performing the job. The details of the lorries availability are given below

No. of lorries and type kept in readiness		
Debris lorry - 6		
Skid steer loaders (Bob cat) - 3		
(Front end loader) JCB - 2		
Super sucker - 1		

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445190491	2	3	6	3

Less than 2.5 m Streets/lanes that cant be accessed by Vehicles

SI	Ward	Name of the Streets
1.	47	Jeeva Nagar 1 to 7 Streets & 9 to 16 Streets
2		Pudumanai Kuppam 2 to 7 Streets
3		SN Chetty 1 to 7 Lanes
3	43	Kasipuram A Block 1 to 4 Street
4		Singaravelan Nagar 1 to 4 street and Pallam
5		Vinayagapuram 4 to 11 streets

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of ward committee and other line departments are as follows.

Ward Committee –34 Ward Councillor –9445467034

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190334
GCC- Health	Sanitary Inspector	9445025834
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC-Solid Waste Management	Conservancy Inspector	9445190534
GCC - Revenue	Tax Collector	9962078842
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930034
TANGEDCO	Assistant Engineer	9445850872
TANGEDCO	Assistant Engineer	9445850905
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
Highways	Divisional Engineer	8754442222
PWD	WRO EE	9444644038
PWD	AE	9941779671

Ward Councillor - 9445467035

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190335
GCC- Health	Sanitary Inspector	9445025835
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190535
GCC - Revenue	Tax Collector	9941007147/9042933601
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930035
TANGEDCO	Assistant Engineer	9445850860
TANGEDCO	Assistant Engineer	9445850861
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467036

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190336
GCC- Health	Sanitary Inspector	9445025842
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–Solid Waste Management	Conservancy Inspector	9445190536
GCC - Revenue	Tax Collector	9962201410
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930036
TANGEDCO	Assistant Engineer	9445850879
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station P-6-36	Inspector	25546241

Ward Councillor - 9445467037

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190337
GCC- Health	Sanitary Inspector	9445025835
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190537
GCC - Revenue	Tax Collector	9283290636
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930037
TANGEDCO	Assistant Engineer	9445850880
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station P-5-37	Inspector	26734888

Ward Councillor - 9445467038

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190338
GCC- Health	Sanitary Inspector	9445025841
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190538
GCC - Revenue	Tax Collector	9092009120
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930038
TANGEDCO	Assistant Engineer	9445850895
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station H-5-38	Inspector	9498132646/ 25953621/ 23452490

Ward Councillor - 9445467039

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190339
GCC- Health	Sanitary Inspector	9445025839
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190541
GCC - Revenue	Tax Collector	9444501756
Revenue	Revenue Inspector	9962228170
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930039
TANGEDCO	Assistant Engineer	9445850891
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467040

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190340
GCC- Health	Sanitary Inspector	9445025843
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190540
GCC - Revenue	Tax Collector	9444501756
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930040
TANGEDCO	Assistant Engineer	9445850887
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467041

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190341
GCC- Health	Sanitary Inspector	9626618885
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190541
GCC - Revenue	Tax Collector	9840282957
Revenue	Revenue Inspector	7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930041
TANGEDCO	Assistant Engineer	9445850893 9445858895
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	DFO	99529622244
Fire service	Inspector	9952962224
Fire service	SFO	9940149681
TNSCB	Assistant Engineer	9715489977
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9962433252 7200052215
Highways	Divisional Engineer	8754442222
Police station H-6-41	Inspector	25281493

Ward Councillor - 9445467042

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190342
GCC- Health	Sanitary Inspector	9445025848
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–Solid Waste Management	Conservancy Inspector	9445190542
GCC - Revenue	Tax Collector	8838183088
Revenue	Revenue Inspector	9600057284, 7200933789, 9043661635, 9791067535
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930042
TANGEDCO	Assistant Engineer	9445850886
TANGEDCO	Assistant Engineer	9445850892
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9003430542
Highways	Divisional Engineer	8754442222
Police station H-3-42	Inspector	9444033599/ 25281486

Ward Councillor - 9445467043

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190343
GCC- Health	Sanitary Inspector	9445025843
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190543
GCC - Revenue	Tax Collector	8778973659
Revenue	Revenue Inspector	9629861842
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930043
TANGEDCO	Assistant Engineer	9445850885
TANGEDCO	Assistant Engineer	9445850891
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station N-2-43	Inspector	23452511
Police station N-4-43	Inspector	9498100234/ 25281488

Zone - 4 335

Ward Councillor - 9445467044

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190344
GCC- Health	Sanitary Inspector	9445025846
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190544
GCC - Revenue	Tax Collector	7397349909
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930044
TANGEDCO	Assistant Engineer	9445850863
BSNL	Divisional Engineer	9445850854
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467045

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190345
GCC- Health	Sanitary Inspector	9445025847
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190545
GCC - Revenue	Tax Collector	8838183088
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930045
TANGEDCO	Assistant Engineer	9445850879
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467046

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190346
GCC- Health	Sanitary Inspector	9445025842
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190546
GCC - Revenue	Tax Collector	8778973659
Revenue	Revenue Inspector	9962228170/8056070278/ 7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930046
TANGEDCO	Assistant Engineer	9445850879
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Councillor - 9445467047

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190347
GCC- Health	Sanitary Inspector	9445025847
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190547
GCC - Revenue	Tax Collector	9840838401
Revenue	Revenue Inspector	7200083835
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930047
TANGEDCO	Assistant Engineer	9445850895
TANGEDCO	Assistant Engineer	9445850882
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station H-4-47	Inspector	9498138276/25281488

Ward Councillor - 9445467048

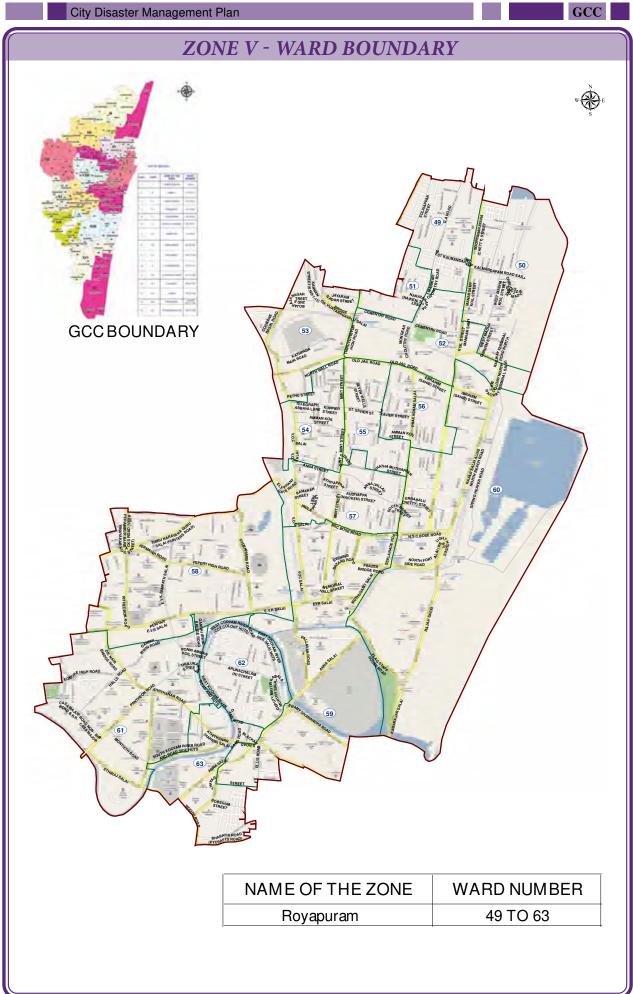
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190348
GCC- Health	Sanitary Inspector	9445025848
GCC - Veterinary	Veterinary Assistant Surgeon	9445194749
GCC–SolidWaste Management	Conservancy Inspector	9445190548
GCC - Revenue	Tax Collector	9884657816
Revenue	Revenue Inspector	9600057284, 7200933789, 9043661635, 9791067535
GCC - Park overseer	Park Supervisor	9445071070
CMWSSB	Assistant Engineer	8144930048
TANGEDCO	Assistant Engineer	9445850886
BSNL	Divisional Engineer	9444400405
BSNL	Sub Divisional Engineer	9445147222
BSNL	Sub Divisional Engineer	9444991229
BSNL	Assistant Engineer	9444964363
Fire service	Inspector	9445086019
Fire service	Inspector	9445086024
Fire service	Inspector	9445086006
TNSCB	Assistant Engineer	9445074736
TNSCB	Assistant Engineer	9445074731
TNSCB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

ZONE - V

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ROYAPURAM



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Profile

Royapuram zone lies in Latitude 13.10465 $^{\circ}$, Longitude 80.27447 $^{\circ}$ covering an area of 42.33 Sq.km.

There are 1,427 roads, out of which 1,370 roads to a length of 220.38 km are Interior Roads, 57 Roads to a length of 37.98 Km are Bus Route Roads which are maintained by GCC.

The population is about 7.32 lakhs that has Male population of 50.84% and Female population of 49.16%. The most crowded area in the zone is Panamarathotti with a population of 55120 and the least is Meenachi Amman pettai with a population of 34362. The Ward wise population of the zone is given below,

SI.No.	Ward No./Name	Total House Holds	Total Population
1	49 Old Wasermanpet	12863	51454
2	50 Panamarathotti	16280	65120
3	51 Oldwasermanpet	8776	35107
4	52 Meenachi Amman pettai	8590	34362
5	53 Moolakathalam	16186	64744
6	54 Kondithope	14543	58174
7	55 Seve Wells	16016	64067
8	56 Muthiyalpettai	11835	47341
9	57 Sowcarpet	13067	52269
10	58 Periyamedu	12211	48847
11	59 George Town	11285	45142
12	60 Seethakaathi Nagar	11513	46054
13	61 Egmore	11482	45930
14	62 Chinthardipet	11065	44262
15	63 Komaleeswaran pettai	10663	42629
	Total	186375	745502

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	49 to 63	9445467054
2.	Zonal Officer	49 to 63	9445190005

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	49 to 57 & 60	9445190025
2	Executive Engineer-2	58,59,61 to 63	9445190461
3	Assistant Executive Engineer	Unit-12	9445190112
4	Assistant Executive Engineer	Unit-13	9445190113
5	Assistant Executive Engineer	Addl. AEE	Vacant
6	Assistant Executive Engineer	Unit -14	9445190114
7	Assistant Executive Engineer	SWM / Z - 5	9445190465

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Conservany supervisor	49 to 53	9445191412
2	Conservany supervisor	54 to 57 &60	9445191413
3	Conservany supervisor	58,59 to 62 & 63	9445191414
4	Conservany supervisor	Zone-5 / Night	8438487470
5	Conservany supervisor	Zone-5/Dn-57 i/c	9710714193

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	49 to 63	9445190065
2	Veterinary Surgeon	49 to 63	8778139385
3	Senior Entomologist	49 to 63	9444509293
4	Sanitary Officer	49 to 53	Vacant
5	Sanitary Officer	54 to 57 & 60	9444138148
6	Sanitary Officer	58,59 & 61 to 63	9790978174

Parks

There are 25 Parks available in Royapuram zone. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No.	Equipment available(give numbers)	Area of operation
1	7299519348 Park Overseer	Motor saw -4 Nos Manu- valSaw-2Nos Bill hook- 1Nos	49 to 63

S.No	Ward	Name / Location of the Park
1	49	Sivagami ammal park MC Road Royapuram
2	50	Kamaraj Park, M.S Koil Street Royapuram
3	50	Sundaramoorthy Park, Venkatesan Nagar, Royapuram
4	50	N.R.T Bridge Under Park NRT Road Raoypapuram
5	52	Basement Park MC Road Royapuram
6	52	Anna Park, Cementry Road, Royapuram
7	53	Mint Model City Park, Model City Washermenpet
8	53	Old Andra Bus Stand Park, Basin Bridge
9	54	Sivagnanam Park, Peddu Street
10	56	Terrace Garden Park, Bharathi Arts College
11	58	Jermiah Park, Doveton
12	58	Thirumalai Park, Jermaiah Road
13	58	My Ladies Garden, Near Ripon Building
14	58	Doveton Clock Towers Park, Doveton
15	58	Ragavendra Park, Choolai Post Bus Stand
16	58	Dinathanthi Office Near Park, Dinathanthi office
17	60	Secretariate Park- Old Secretariate
18	60	Sathya Nagar Park, War Memorial
19	61	Gandhi Irwin Park, CMDA Building
20	61	Mayor Sundar rao Park, Rukmani Lakshmi pathy salai, Egmore
21	61	Ethiraj lane Park, Ethiraj college
22	61	L G Road Park (DN-61)
23	63	L G Road Park (DN-63)
24	62	May Day Park
25	63	Raheja Complex Park, Tenampet Congress office
26	63	Adithanar Salai Park, D'

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are nine pumping stations available in Royapuram Zone with average capacity of 270 MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping stations are given below,

SI. No.	Pumping Station	Capacity MLD	No. of pumps
1	Pumping Station Road	30	50 HP-1
ļ 	Fulfipling Station Road	30	100 HP-1
2	East Kalmandapan Road	30	50 HP-1
	East Kaimandapan Koad	30	100 HP-1
3	Ibhrahim Salai	30	50 HP-1
J	Ibilianiii Salai	30	100 HP-1
4	North Wall Road	30	50 HP-1
4	K.H. Road	30	100 HP-1
5	Malayannan Stroot	30	50 HP-1
5	Malayappan Street	30	100 HP-1
6	latkonuran	30	50 HP-1
0	Jatkapuram		100 HP-1
7	Rajamuthiah road (Rippon building annex road)	30	40 HP -1
8	havanamy Stroot	20	50 HP-1
0	lyyasamy Street	30	100 HP-1
9	S.M.Nagar	20	50 HP-1
9	N.S.C.Bose Road	30	100 HP-1
	Total	270	17

Tamil Nadu Slum Clearance Board tenements

There are 9 TNSCB tenements located in Chetty Thottam, G.M.Pettai & Jeevarathinam Nagar 1-5 Street etc with a population of 11045. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The details of tenements and the contact details of the officials are given below,

SI. No.	Ward No./Name	Tenement location	No. of tene- ment	Population
1	52	Karimadu Kalani	80	1280
2	50	Jeevarathinam Nagar 1-5 Street	150	1258
3	50	Chetty Thottam	150	475
4	50	G.M.Pettai	150	1345
5	56	Bishop Lane	50	985
6	57	Kalyanapuram	60	1245
		Total	640	6588

Contact details

Department	Designation	Area	Contact No.
Conservancy/	Conservancy	49 to 53	9445191412
GCC	Supervisor	(Royapuram)	
Conservancy/	Conservancy	54,55,56,57 & 60	9445191413
GCC	Supervisor	Harbour	
Conservancy/	Conservancy	58,59,61,62& 63	9445191414
GCC	Supervisor	Egmore	
Water Supply& Sewage / CMWSSB	Assistant Engineer	49 to 63	Area Engineer-5 8144930905 Asst. Engineer-49 to 63 8144930049 to 8144930063
TNSCB	Executive Engineer	49 to 63	9445074776

Water Bodies and Waterways

Buckingham canal is the only canal which touches the zone in Moolakotharam Canal road that travels about 2.75 km and leaves at George town to zone 9.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the Buckingham canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a premonsoon

preparedness measure. Storm Water Drains were constructed by GCC for a distance of 89.34 km to ease the flow of rain water.

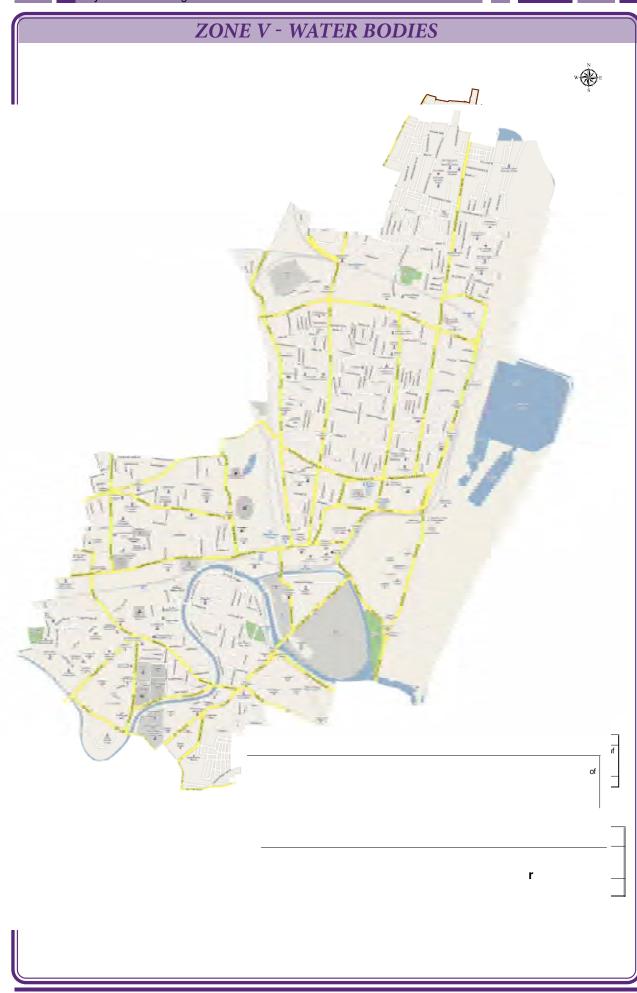
The details of various water bodies in this zone is listed below,

Canals

SI. No.	Divisions Covered	Name of the Canal	From	То	Length of Canal (Km)
1	53,54,57 & 59	B-Canal	Moolakotharam Canal road	George town	2.75

Other water bodies

SI No	Ward No	Name of other water bodies	Length / Area
1	61,62,63 & 59	Coovum river	4 Km



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

330 storm water drains to a length of 89.34 km were constructed to ease the flow of rain water in Royapuram zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWD in 'm'
1	49	23	4.8
2	50	29	9.0
3	51	17	2.9
4	52	18	3.4
5	53	24	5.7
6	54	11	2.4
7	55	11	2.8
8	56	11	2.8
9	57	16	3.77
10	58	24	10.8
11	59	21	8.6
12	60	18	6.6
13	61	27	10.2
14	62	24	5.5
15	63	22	6.3
	Total	296	85.5

WALLERS ROAD



SINGANNA (C) STREET



Water stagnated streets in the previous monsoon - heavy rain

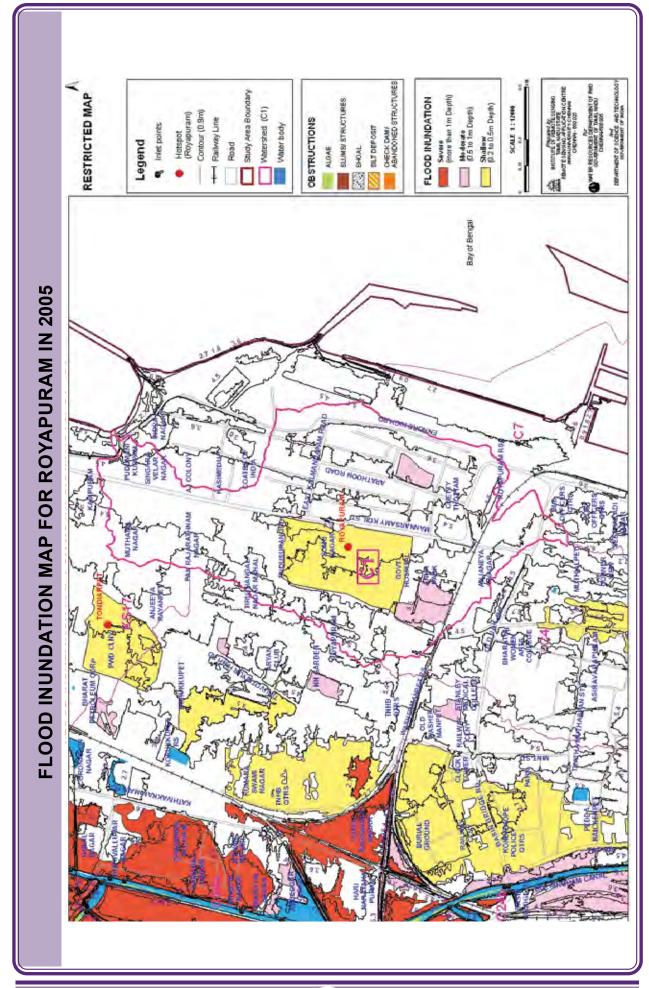
During the last monsoon, 13 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

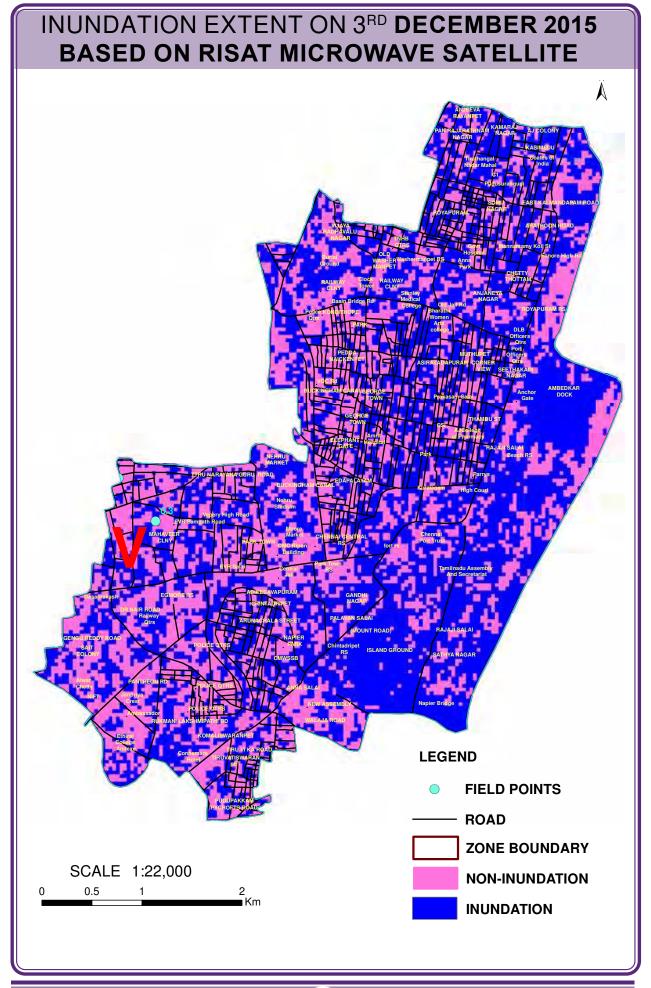
The identified water stagnations and the actions taken to dispose the rain water in each location is as below,

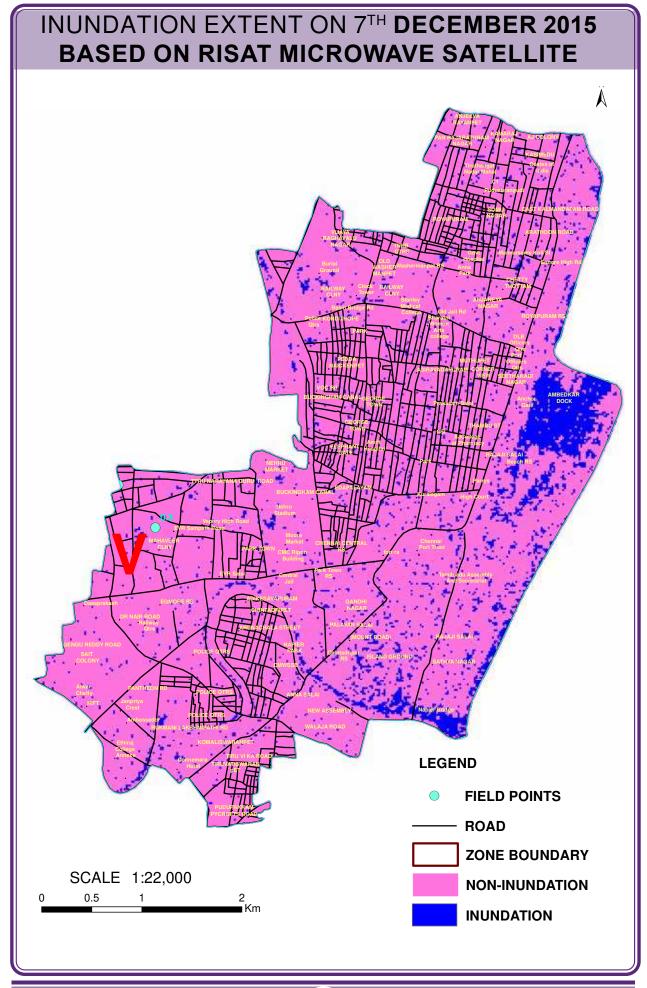
Water stagnated streets in the previous monsoon - heavy rain

S. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	53	Walltax Road	5 HP	(Police Quarters, Kondithoppe)	Pumped out to B Canal
2	53	Vijayaragavalu Roundana,	10 HP	(Zone-5 Office)	Pumped out to B Canal
3	54	Walltax Road	5 HP	Thirupalli Street junction	Pumped out to B Canal
4	54	Walltax Road and	2-HP	Amman Koil Street Junction	Pumped out to B Canal
5	58	EVK Sampath Salai,	5 HP	Vepery Road	B Canal drain pipe provided to connect SWD
6	58	Sydnams Road,	5 HP	Near Taluk office	Coovam River drain pipe provided and connected to SWD for Quick draing
7	59	VOC Salai,	5 HP	Near Railway Office	
8	61	Ghandhi Irwan Bridge Road	5 HP	Opp.to Ramada Hotel	Pumped out to near by SWD
9	61	Egmore High Road,	5 HP	Near Veeraswamy Street	Centre Median opened for draining ,New drain provided
10	62	Singanna Chetty Street,	5 HP	Jn.of East Coovam Road	
11	62	Arunachalam Road,	5 HP	Near Zion Church	Pumped out to near by SWD
12	63	Chella pillayar Koil Street,	5 HP	Jn of Bharathi Salai.	Pumped out to near by SWD
13	63	G.P. Road,	5 HP	Opp.to Sarmany Hotel	Pumped out to near by SWD

Anna University has mapped the areas inundated in this zone during 2005 flood by crowd sourc method, the picture of the same is given below. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.







City Disaster Management Plan **ZONE V - ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMP**

Streets where water stagnated in the previous monsoon - $\mbox{\sc Heavy}$

Streets where water stagnated in the previous monsoon - Light $\,$

Location of Diesel Pump Location

Streets where water stagnated in the previous monsoon - $\mbox{\it Moderate}$

Water stagnated streetsin the previous monsoon - Mild rain

S.No	Ward	Name of the Street
1	49 to 63	Parasuraman street

Water stagnated streets in the previous monsoon - Moderate rain

S.No	Ward	Name of the Street	
1	49	Solaiappan Street	
2	49	Kothandaraman Street	
3	50	G.M.Pettah	
4	50	Venkatasan Street	
5	51	Cemetry Road Jn of T.H. Road	
6	52	Modal Lane 1to 5	
7	52	Thoppai Street	
8	53	Kannan Roundana	
9	53	Jayaraman Street	
10	53	Stanly Nagar	
11	53	Boojaraja Nagar	
12	53	Sajjamunusamy Street	
13	53	Peddu Street	
14	53	North Wall Road	
15	54	PKG Garden	
16	55	Prakasam Salai	
17	55	Sevenwells Street	
18	55	Amman Koil Street	
19	56	Prakasam Salai	
20	57	Stringer Street	
21	57	Devidson Street	
22	58	Bakkers Street	
23	58	General Collins road	
24	61	Velayudam Street	
25	62	West Coovum Road	
26	63	South Coovum Road	

Stagnation of water in streets due to sewer blocks

SI. No.	Ward /Name	Name of the Streets	No. of manholes
1	49	Solaiappan Street Kothandaraman Street Old AmaranjiPuram	03 03 04
2	50	S.N .Chetty Street Andiyappan Street G.M.Pettai Shiek Masitery Street	02 04 03 04
3	51	Manikandan 6 th Street Nainiyappan Street	03 10
4	52	O.S.H.Road Modal Lane Slum M.S.Koil Street	04 06 02
5	53	Sajja Munusamy Street Balasubramani Street Muthiyamasitery Street	02 01 02
6	54	Amman Koil Street Tenapet Ramasamy St	02 03
7	55	Amman Koil St Sevenwells St St.XavierSt Thiyagaraya Street MuthuNayakan St Kumarappa Street	3 4 5 2 2 3
8	56	Prakasam Salai Poniyamman Koil Street Shanmugarayan Street	01 02 02
9	57	Adiyappanayakan Street Chandrapa St Gentral Muthiya St Manikandan St Devidson St Acharappan St Thathamuthiyapan Annapillai Mint Street	02 03 02 03 03 03 02 03 02 02
10	58	R.T. (m) street Kalathiappa street	5 7

SI. No.	Ward /Name	Name of the Streets	No. of manholes
11	59	Thanchai Murugapa Street Mint Street Boomu Street Frazer Bridge Road	3 2 2 2 3
12	60	Jones St Mookarnala muthu Street Philipes St Moor St Mannady Post office St	2 2 3 2 2 2 3 1
13	62	Bala Krishna St Palaniandavar Koil st Kalavai Street Singanna St Wallers Street	1 1 1 2 1
14	63	Pantheon Road Egmore High Road	2 2
		Total	154

Relief Centres

There are 11 relief centres to a total capacity of 2250 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

SI. No.	Ward No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in- charge (Designation/	Contact No.
								Sanitation, Medicine	SI	7904861562
1	53	150	Chennai Middle School Padavattamman Koil Street	BB Road Slum	Yes	Yes	NO	Evacuation & Relief Materials	AE	9445190353
								Food & Drinking water	ARO	9677211155

City Disaster Management Plan GCC

SI. No.	Ward No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in- charge (Designation/	Contact No.		
						res Yes		Sanitation, Medicine	SI	7904861562		
2	53	50	Boojaraja Nagar Multipurpose Hall	Corpo- ration Colony	Yes		Yes NO	Evacuation & Relief Materials	AE	9445190353		
								Food & Drinking water	ARO	9677211155		
			Chennai Middel School Padavattamman Koil					Sanitation, Medicine	SI	9941812368		
3	54	70	Street Boojaraja Nagar - Multipurpose Hall CMS Amman koil	Chidam- baram Nagar	Yes	Yes	NO	Evacuation & Relief Materials	AE	9445190354		
			Street Kondithoppu Chennai-79					Food & Drinking water	ARO	7010123899		
			Boojaraja Nagar - Multipurpose Hall CMS Amman koil					Sanitation, Medicine	SI	9976935501		
4	55	100	Street Kondithoppu Chennai-79 Corporation	Thideer Nagar and Natesan Nagar	Yes	Yes	NO	Evacuation & Relief Materials	AE	9445190355		
			Community Centre St.Xavier Street Sevenwells St Ch-79					Food & Drinking water	ARO	9789033020		
			Corporation Community Centre Anna Pillai Street					Sanitation, Medicine	SI	9941812368		
5	57	150	Chennai Middel School Padavattamman Koil	il Gandhi Nagar	Gandhi Nagar	Gandhi Nagar	Yes	Yes	NO	Evacuation & Relief Materials	AE	9445190357
			Street Boojaraja Nagar - Multipurpose Hall					Food & Drinking water	ARO	9789033020		
			Corporation Community Centre Sydenhams Road					Sanitation, Medicine	SI	9629987460		
6	58	200	Kannapar Thidal Moormarket Ch-3 Chennai Middel School Mint Street		Yes	Yes	NO	Evacuation & Relief Materials	AE	9445190358		
			Chennai Middle School Varadharaja Puram Egmore					Food & Drinking water	ARO	9677211155		
			CHS- West Coovam Road					Sanitation, Medicine	SI	9840094340		
7	59	40	Corporation Community Centre Sydenhams Road Kannapar Thidal Moormarket Ch-3 Chennai Middel School Mint Street		Yes	s Yes	s NO	Evacuation & Relief Materials	AE	9445190359		
					res			Food & Drinking water	ARO	7010123899		

SI. No.	Ward No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in- charge (Designation/	Contact No.									
			Chennai Middle School					Sanitation, Medicine	SI	8072680350									
			Varadharaja Puram Egmore Corporation					Evacuation & Relief Materials	AE	9445190361									
8	61	100	Community Centre Sydenhams Road Kannapar Thidal Moormarket Ch-3		Yes		Yes Yes	Yes NO	Food & Drinking water	ARO	9677211155								
								Sanitation, Medicine	SI	9629987460									
9	62	200	Chennai Middle School Mint Street	West Coo- vum road	-	-		-	-	-			-	Yes	Yes	s NO	Evacuation & Relief Materials	AE	9445190362
										Food & Drinking water	ARO	7010123899							
	Corporation					Sanitation, Medicine	SI	8072680350											
10	63	100	Community Centr Veerpathiran Street Pudupet CH-2	South Coo- vum road	Yes	s Yes	NO	Evacuation & Relief Materials	AE	9445190363									
								Food & Drinking water	ARO	7010123899									

ZONE V - EVACUATION & RELIEF SHELTER STREET/AREA - People to be shifted Street/Areas - People to be shifted Ward List of streets, people to be shifted ID. No. E1 50 Corporation Colony E2 53 Chidambaram Nagar E3 58 Thideer Nagar and Natesan Nagar E4 59 Gandhi Nagar E5 59 Pallavan Nagar E6 61 Transport Lane **E7** 61 Varatharajapuram 62 E8 Rex Street, Five huts 62 E9 West Coovum road E10 63 South Coovum road E11 63 Boothaperumal koil street RELIEF SHELTER Relief Centres ID. No. Ward Name & Addres of relief centres available 50 Community Hall at Shaik Mastiry Street 53 Zonal office-5, No:61, Basin Bridge Road, Royapuram R1 R2 58 Coummunity Hall Kannapar thidhal Sydenhams Road R3 59 Coummunity Hall, SMNager R4 62 MRTS Railway Station Chinthardripet R5 R6 61 Anthoneyar School Adithanar Salai, Egmore R7 61 Chennai Middle School, Varatharaja Puram, Egmore R8 62 Chennai High School, West Coovum Road, Pudupet R9 62 Corporation Gym, Ulagappa Street Chinthadripet 63 Chennai Primary School, Goyathoppu Street, Pudupet R10 63 Veerapatheran Street Coummunity Hall, Pudupet

Subways

There are 5 subways in Royapuram zone for a length of 1492 m. The electrical pumps (5HP-1, 12.5 HP - 2,15 HP - 1 & 25HP-2) and diesel pumps (5HP -4, 10HP-10, 12.5HP -4 & 7.5HP -2) are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No.	Location	Length of the subway in'm'	Pumped water disposal point	Number of pump sets in- stalled - regular/ standby to pump out water
1	Ward 60 R.B.I. Subway	600	Canal	10-HP-6 25 HP-2 (Ele) 10 HP-3 5 HP-1
2	Ward 61 Gengu Reddy Sub- way	400	Canal	15 HP-1-(Ele) 12.5-HP-2 (Ele) 5HP-2 5 HP - 1 (Electrical)
3	Ward 52 M.C.Road Subway	382	Canal	12.5 H.P - 4 7.5 H.P - 2
4	Ward 53 C.B.Road Subway	50	Canal	5 HP-1
5	Ward 60 Rajaji Salai Subway near Beach railway station	60	B- Canal	10 HP - 1





R.B.I. Subway

Gengu Reddy SubWay

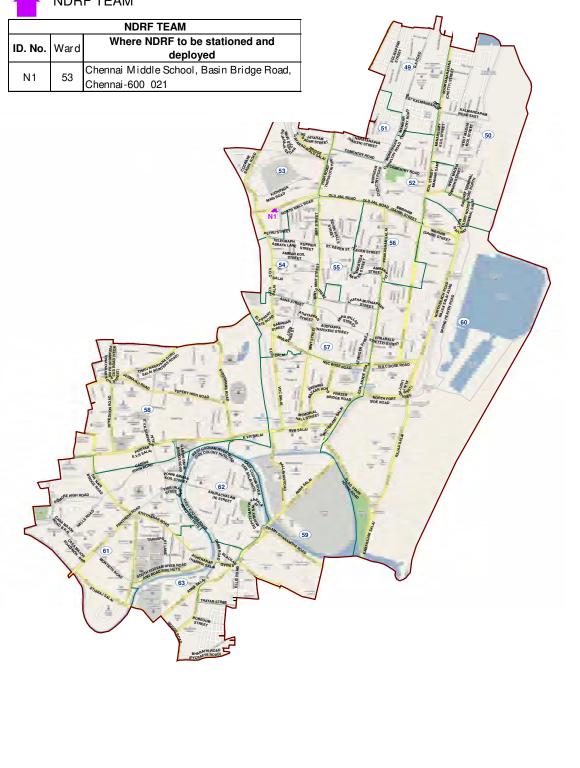


ZONE V - NDRF TEAM





NDRF TEAM



Tree fall

During the last monsoon, in Royapuram zone totally 13 tree branches were fallen and cleared. The major tree fall in this zone were noticed in the following locations in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

S.No	Ward	Name of the Street
		Solaiappan Street Near CWC.
1	49	New Thandavarayan St., (Near market),
		M.C.Road (Near Arihant Showroom)
		Cemetery Road (Near Classic Apartment),
2	51	East Cemetery road (Hosing Board),
		Selva Vinayaga Street
3	52	B.C.Press Road,
J	52	Cemetry Road (Near RSRM Hospital)
4	53	Peddu St.,(Near Police Quarters)
4	55	Basin Bridge Road (Near Mint Bridge)
5	56	Thiruvalluvan Nagar
6	50	E.V.R.Salai (Near MMC Ground),
0	59	Issac Street (Near Women Police hostel)

Streets - water entered houses - do not require evacuation

During the last monsoon, 6 inundated spots where water entered houses but do not require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 6 locations were inundated for more than a day by which the normal day to day activity of 50 people were standstilled. Flood water from these areas was cleared by using 3 pumps ranging from 5 HP to 20 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets
1	53	Srinivasan Street, Boojaraja Nagar,
	Dr.Vijaya Rahavalu	Kannan Street, Sajja Munusamy Street,
	Road	Stanley Nagar Canal Street ,
		P.P.Amman Koil Street Slum in Dn-53

Streets that require evacuation

In Royapuram zone, there was no evacuation during the heavy flood that occurred in 2015.

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There are 7 battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

SI. No.	Ward	Contact person		
SI. NO.		Designation	Phone number	
1	58&61	Assistant Engineer	9445190922	
2	59 P,58P,57	Junior Engineer	9445190923	
3	62,63 & 59 P	Junior Engineer	9445190924	
4	56 &60	Junior Engineer	9445190920	
5	53,54, 55	Assistant Engineer	9445190921	
6	49,50,51,52	Junior Engineer	9445190919	
7	49 to 63	Additional divisional Engineer (Zone)	9445190045	
8	49 to 63	Divisional Engineer (HQ)	9445190751 & 753	

National Disaster Response Force (NDRF)

In Royapuram zone, the NDRF to be stationed locations is given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	50	Greater Chennai Middle School
1 53		Basin Bridge road, Chennai-600 021

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

Phone No. 04177 - 246594/246269

Rescue Boats

In this Zone there was no such situation of using Rescue boats. $Transport\ Equipments\ \&\ Lorries$

For carting men and materials, removing garbage/debris lorries were deployed. There were 8 debris lorries, 6 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available in the zone are given below.

No. of lorries and type kept in readiness		
Debris lorry - 8		
Skid steer loaders (Bob cat) - 8		
(Front end loader) JCB - 1		

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445026097	1	6	6 -HMV, 2-LMV	2

Streets/lanes less than 2.5 m that cannot be accessed by Vehicles *Nil*

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of ward committee and other line departments are as follows.

Ward committee - 49

Ward councillor - 9445467049

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190349
GCC - Electrical	Assistant Engineer	9445190919
GCC- Health	Sanitary Inspector	9976935501
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190549
GCC - Revenue	Tax Collector	9940224341
Revenue	Revenue Inspector	8056070278
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930049
TANGEDCO	Junior Engineer	9445850884
BSNL	Assistant Engineer	9444991229
Fire service	Inspector	9445086021
Police station	Inspector	9498128816
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee -50

Ward councillor -9445467050

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190350
GCC - Electrical	Assistant Engineer	9445190919
GCC- Health	Sanitary Inspector	9092814637
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste man- agement	Conservancy Inspector	9445190550
GCC - Revenue	Tax Collector	8610465911
Revenue	Revenue Inspector	9176017058
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930050
TANGEDCO	Junior Engineer	9445850885
BSNL	Assistant Engineer	9445147222
Fire service	Inspector	9445086021
Police station	Inspector	9498128816
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Zone - 5 369

Ward committee-51

Ward councillor - -9445467051

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190351
GCC - Electrical	Assistant Engineer	9445190919
GCC- Health	Sanitary Inspector	9003432007
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste man- agement	Conservancy Inspector	9445190551
GCC - Revenue	Tax Collector	9949244309
Revenue	Revenue Inspector	8056070278
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930051
TANGEDCO	Junior Engineer	9445850886
BSNL	Assistant Engineer	9445147222
Fire service	Inspector	9445086021
Police station	Inspector	9498133119
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee -52

Ward councillor - - 9445467052

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190352
GCC - Electrical	Assistant Engineer	9445190919
GCC- Health	Sanitary Inspector	9445025852
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190552
GCC - Revenue	Tax Collector	9444355755
Revenue	Revenue Inspector	9840357311
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930052
TANGEDCO	Junior Engineer	9445850887
BSNL	Assistant Engineer	25255486
Fire service	Inspector	9445086021
Police station	Inspector	9841457087
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee -53 Ward councillor - -9445467053

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190353
GCC - Electrical	Assistant Engineer	9445190921
GCC- Health	Sanitary Inspector	7904861562
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190553
GCC - Revenue	Tax Collector	9840357311
Revenue	Revenue Inspector	733899920
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930053
TANGEDCO	Junior Engineer	9445850888
BSNL	Assistant Engineer	25255486
Fire service	Inspector	9445086021
Police station	Inspector	9498133119
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee -54 Ward councillor - 9445467054

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190354
GCC - Electrical	Assistant Engineer	9445190919
GCC- Health	Sanitary Inspector	9941812368
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190554
GCC - Revenue	Tax Collector	8072553121
Revenue	Revenue Inspector	7358476381
GCC - Park overseas	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930054
TANGEDCO	Junior Engineer	9445850228
BSNL	Assistant Engineer	9444991229
Fire service	Inspector	9445086006
Police station	Inspector	9444212244
Folice station	inspecial	9444014531,
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9486544163

Ward committee -55 Ward councillor - -9445467055

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	94454190355
GCC - Electrical	Assistant Engineer	9445190921
GCC- Health	Sanitary Inspector	9445025855
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190555
GCC - Revenue	Tax Collector	9444355755
Revenue	Revenue Inspector	9380320297
GCC - Park overseas	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930055
TANGEDCO	Junior Engineer	25268833,
BSNL	Assistant Engineer	25271214
Fire service	Inspector	9444991229
Police station	Inspector	9444612745
PWD	Assistant Engineer	9498133576
TNSCB	Assistant Engineer	9444612745
Highways	Divisional Engineer	9445074770
		9486544163

Ward committee -56 Ward councillor -9445467056

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190356
GCC - Electrical	Assistant Engineer	9445026119
GCC- Health	Sanitary Inspector	9003432007
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190556
GCC - Revenue	Tax Collector	9791182959
Revenue	Revenue Inspector	7904598538
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930056
TANGEDCO	Junior Engineer	9445850728
BSNL	Assistant Engineer	9444991229
Fire service	Inspector	9445086069
Police station	Inspector	044-2524747,
Folice station		9498127888
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9486544163

Ward committee –57 Ward councillor - -9445467057

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190357
GCC - Electrical	Assistant Engineer	9445190921
GCC- Health	Sanitary Inspector	9941812368
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190557
GCC - Revenue	Tax Collector	9444012656
Revenue	Revenue Inspector	9094166850
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930057
TANGEDCO	Junior Engineer	9445850732
BSNL	Assistant Engineer	9444991229
Fire service	Inspector	9445086069
Police station	Inspector	9952052381
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9486544163

Ward committee – 58 Ward councillor - 9445467058

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190358
GCC - Electrical	Assistant Engineer	9445190923
GCC- Health	Sanitary Inspector	9629987460
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC-Solidwaste management	Conservancy Inspector	9445190558
GCC - Revenue	Tax Collector	9884498321
Revenue	Revenue Inspector	9445603692
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930058
TANGEDCO	Junior Engineer	9445850738, 9445850720
BSNL	Assistant Engineer	044-25611274,9445018645
Fire service	Inspector	044-26426422, 9445086069
Police station	Inspector	9444167213 9498186839
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9486544163

Ward committee – 59 Ward councillor – 9445467059

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190359
GCC - Electrical	Assistant Engineer	9445190923
GCC- Health	Sanitary Inspector	9840094340
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190559
GCC - Revenue	Tax Collector	9840940159
Revenue	Revenue Inspector	9444253196
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930059
TANGEDCO	Junior Engineer	9445850702 9445850705
BSNL	Assistant Engineer	9444976224
Fire service	Inspector	9445086012
Police station	Inspector	9498132957,9789822026,
		9498132244
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee – 60 Ward councillor – 9445467060

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190360
GCC - Electrical	Assistant Engineer	9445026119
GCC- Health	Sanitary Inspector	8248945468
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190560
GCC - Revenue	Tax Collector	9382171451,9094664705,
		9444442287
Revenue	Revenue Inspector	9445603692
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930060
TANGEDCO	Junior Engineer	9445850712,9445850713,
BSNL	Assistant Engineer	9444976224
Fire service	Inspector	9445086012
Police station	Inspector	9498132957,9789822026,
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee – 61 Ward councillor - 9445467061

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190361
GCC - Electrical	Assistant Engineer	9445190924
GCC- Health	Sanitary Inspector	8072680350
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190561
GCC - Revenue	Tax Collector	9444501756
Revenue	Revenue Inspector	9940020737,9094664705
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930061
TANGEDCO	Junior Engineer	9445850716
BSNL	Assistant Engineer	9444976224
Fire service	Inspector	9865177211
Police station	Inspector	9865177211
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee - 62 Ward councillor - 9445467062

Designation	Contact Number
Assistant Engineer	9445190362
Assistant Engineer	9445190924
Sanitary Inspector	9629987460
Veterinary Assistant Surgeon	8778139385
Conservancy Inspector	9445190562
Tax Collector	9094664705
Revenue Inspector	9445603692
Park Supervisor	7299519348
Assistant Engineer	8144930062
Junior Engineer	9445850705
Assistant Engineer	9444961176
Inspector	9865177211
Inspector	9498133566
Assistant Engineer	9444612745
Assistant Engineer	9445074770
Divisional Engineer	9487207706
	Assistant Engineer Sanitary Inspector Veterinary Assistant Surgeon Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer Assistant Engineer Inspector Inspector Assistant Engineer Assistant Engineer Assistant Engineer

Zone - 5 375

Ward committee – 63 Ward councillor – 9445467063

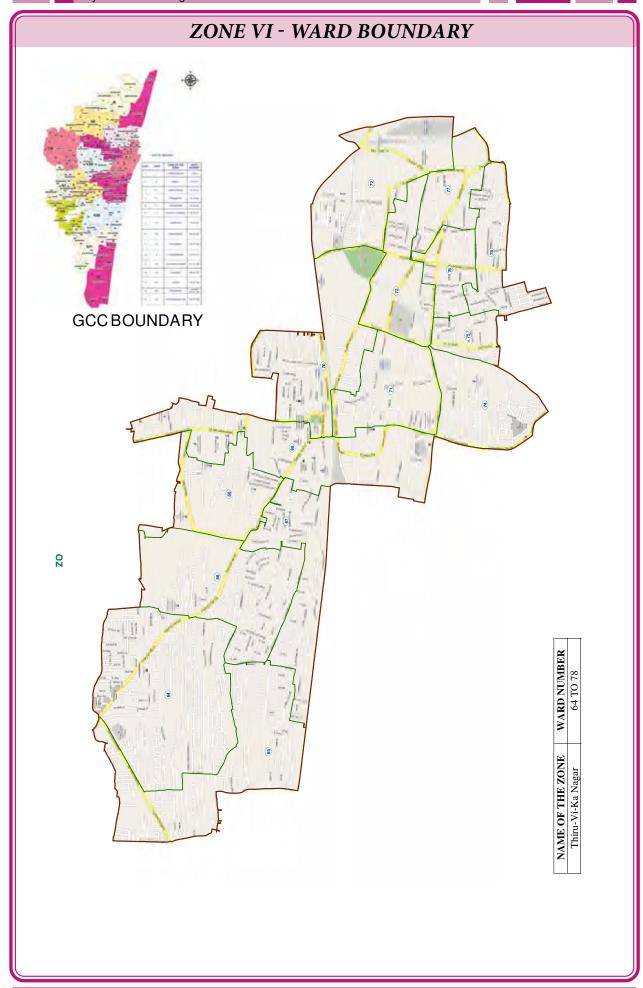
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190363
GCC - Electrical	Assistant Engineer	9445190924
GCC- Health	Sanitary Inspector	8072680350
GCC - Veterinary	Veterinary Assistant Surgeon	8778139385
GCC - Solid waste management	Conservancy Inspector	9445190563
GCC - Revenue	Tax Collector	9962204544
Revenue	Revenue Inspector	9445603692
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930063
TANGEDCO	Junior Engineer	9445850706
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9865177211
Police station	Inspector	9444961176
PWD	Assistant Engineer	9444612745
TNSCB	Assistant Engineer	9445074772
Highways	Divisional Engineer	948727706

ZONE - VI

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THIRU VI KA NAGAR



Profile

The Thiru-Vi-Ka Nagar zone lies in Latitude 13.09784°, Longitude 80.25677° and extents to an area of 31.72 Sq.km..

The population is about 7.78 Lakhs. It is divided into 3 administrative units namely unit 15,16 & 17 which includes 15 wards from 64 to 78. In this zone there are 2255 roads, out of which 2200 roads to a length of 380.85 Km are Interior Roads, 55 Roads to a length of 35.47 Km are Bus Route Roads which are maintained by GCC and the balance 1 road are under the maintenance of Highways department.

There are 15 Wards in Thiru – Vi – Ka – Nagar zone having a total population 7.78 lakhs with Male population of about 48.97% and Female population of about 51.03 % In this zone, the most crowded area is 65 with a population of 66314 and the least populated area is 70 with a population of 35,132. The Ward wise population is given below,

SI.No.	Ward No	Total House Holds	Total Population
1	64	17406	95806
2	65	17398	74440
3	67	14621	45952
4	66	15909	57787
5	68	12234	46642
6	69	14700	48245
7	70	10004	35132
8	71	10037	36961
9	72	10706	51332
10	73	9689	39283
11	74	15105	57841
12	75	7690	51917
13	76	12015	52831
14	77	10860	39840
15	78	16126	43989
	TOTAL	194500	777998

Zone Administration

The Zone is headed by the Zonal Officer who works with close coordination with the Commissioner, Greater Chennai Corporation and other officials. The Zonal Officer is assisted by Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate officers. The responsibilities of each officers are well described in the page number 142 of this booklet The following are contact details of the officials.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	64 - 78	9445467069
2	Zonal Officer	64 - 78	9445190006

Engineering Wing

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer – I	64 to 69	9445190038
2	Executive Engineer – II	70 to 78	9445190026
3	Assistant Executive Engineer	Unit-15 Addl-15	9445190115 9445026105
4	Assistant Executive Engineer	Unit-16 Addl-16	9445190116 8072873216
5	Assistant Executive Engineer	Unit-17 Addl-17	9445190117 9710195079
6	Assistant Executive Engineer - Electrical	64 to 78	9445190046
7	Assistant Executive Engineer - Mechanical	64 to 78	9445190489

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbages, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Assistant Executive Engineer, Solid Waste Management	64 to 78	9962922513 6381320990
2	Conservancy supervisor	Unit-15	9445191416
3	Conservancy supervisor	Unit-16	9445191415
4	Conservancy supervisor	Unit-17 Addl-17	9445191417 9884313409

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners. The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers coordinate with them for general maintenance of health in the zone. The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone VI	9445190066
2	Senior Entomologist	Zone VI	9444422035
3	Sanitary Officer	Unit-15	944434831
4	Sanitary Officer	Unit-16	9176333049
5	Sanitary Officer	Unit-17	9444090150
6	Veterinary Assistant Surgeon	Zone - VI	9445194748
7	Veterinary Assistant Surgeon Slaughter House	Zone - VI	9445026041

Parks

In this zone there are 41 Parks available in various locations such as Perambur, Elephant Gate Road, Jawahar Nagar and Paper Mills Road etc. . These parks serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No	Equipment available	Area of operation
1	9444249657 8248723480 Park Overseer	Power saw – 9	Thiru – Vi –Ka -Kagar

S. No	Ward	Location of the Park
1	64	Mohammed Hussain Colony Park, Rajaji Nagar Rohini Park, RK Syndicate Nagar Park, Ma- haveer Nagar Park, Thirumalai Nagar Park, Senthil Nagar 10th street Park, Janakiraman Colony Park, P.U. Shanmugam ParkSenthil Nagar Park 13th St. (Thanthai Periyar Park), Mayor Citibabu Park, VV nagar Park.
2	65	Thenpalani Nagar TVK Park, Thenpalani Nagar VOC Park, Poombughar Nagar Park, Poom- bughar Nagar Park, Anjugam Nagar Park.
3	66	Sakthivel Nagar 2nd Park
4	67	SRP Koil Street, George Colony Park, KKR Avenue Park Pallavaram Salai., Sarjid Hussain Park & Kenndy Square North Street
5	68	Jawahar 5th Main Road Park, , Periyar Nagar 21st Street Park, Jawahar Nagar 2nd Circular Road Park
6	70	Venkateswara Nagar 1st Park, RagavanStreet Park
7	71	Gandhi Park, M.H. Road,Rajiv Gan- thi Park,Perambur Murasolimaran Park (North),Vadivelu 2nd street Park,Kannapiran Koil Street Park
8	74	Perambur Murasoli Maran Park (South),
9	73	Quiad-e-Millet Park , Wardiya Park at New Ferrance Road,
10	75	Otteri Tropical Dry Ever Green Forest (Herbal Park),
11	76	,
12	76	Conron Smith Nagar Park, Selvapathy Park, Bakthavatchalam Park, Kalaingar Karu-nanithi Park & Patel Park
13	77	Amma Park, Elephant Gate Road, New TPF Park

Sewage Pumping Stations

There are Fifteen pumping stations available in Thiru – Vi –Ka - Nagar Zone with average capacity of 11.26MLD for each pumping station. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station is given below,

SI.No.	Pumping Station	Capacity MLD	No. of pumps
1	Vanua Nagar	5.0	2– 100 HP
'	Venus Nagar	5.0	1- 20 HP
2	Solvi pagar	15.0	2– 100 HP
2	Selvi nagar	15.0	1- 20 HP
3	School Road Near School	15.0	1– 10 HP
S	School Road Near School	15.0	1- 15 HP
4	Ambedkar College Road Near Old	15.0	1– 20 HP
4	Slaughter House	15.0	1- 25 HP
5	Stephenson Road South Side Near	15.0	2-50 HP
J	By Grass or grand	13.0	2- 20 HP
6	Stephenson Road North Side Near	15.0	
0	by SPR City		1 - 50 HP, 2 - 20 HP,
7	S.S Puram 7th Street	10.0	2 - 25 HP
8	Munuswamy street	10.0	2 - 50 HP, 1 – 25 HP
0	Munuswamy street	10.0	1 -100 HP
9	Lorry Station	5.0	7 – 10 HP, 3 <i>-</i> 25 HP

Tamil Nadu Slum Clearance Board tenements

There are 13 TNSCB tenements in Thiru - Vi - Ka - Nagar zone with a population of 35760. Greater Chennai Corporation will take care of garbage clearance and CMWSSB will take care water supply and sewage issues inside these tenements. The details of tenements and the contact details of the Officials are given below,

SI.No	Ward	Tenement location No. of tenement		Population
1	68	Raja Garden	Demolished & Re-co	nstruction
2	67	Jamaliya Housing Board	Demolished & Re-cor	nstruction
3	70	Gowthamapuram Housing Board	Newly Constructed with 834 Dwelling	
4	71	Dr.Ambedkar College Road	400	1800
5	72	Vasuki Nagar	110	
6	72	SVM Nagar	60	
7	72	VOC Nagar 40		15000
8	72	Joseph Nagar	Joseph Nagar 70	
9	72	Venkatesapuram	45	

SI.No	Ward	Tenement location	No. of tenement	Population
10	73	Periyar Nagar Housing Board		
11	74	SVM Nagar	8	7000
12	77	KP Park	1558	7790
13	77	PK Colony	570	2850
	Total		3647	38440

Contact details

Department	Designation	Area	Contact No.
TNSCB	Executive Engineer	Vysarpadi	9445074751
Water Supply& Sewage / CMWSSB	Area Engineer	Area - 6	8144930906

Water Bodies and Waterways

City Disaster Management Plan

There are 3 Canals and 1 Water channel. The 3 canals are namely Ekangipuram / Railway Canal, Jawahar Canal and Gandhi Canal. All the 3 canals dispose the rain water into Otteri nallah. The Railway canal originates from Villivakkam Railway gate and traverses 1.60 km and reaches Ekangipuram canal. The Ekangipuram Canal originates from Perambur high road (south) and traverses about 1.00 km and reaches Konnur high road Twin Canal. The Twin Canal at Konnur High Road carries the entire rain water and reaches Otteri Nallah near Otteri Bridge. Jawahar Canal originates from Madhavaram High Road and traverses 0.70 km and reaches CC Canal. The Gandhi Canal originates from Demellous road and passes through a length of 0.90 km and reaches GMR confluence point.

Greater Chennai Corporation is doing a massive work to remove hyacinth and also performing desilting works in all the canals, storm water drain, rivers & lakes periodically as a precautionary measure inorder to face the upcoming monsoon. Storm Water Drains were constructed by GCC for a distance of 115 km to ease the flow of rain water. Most of the Locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow o¬¬¬f upstream water in the canals and water bodies.

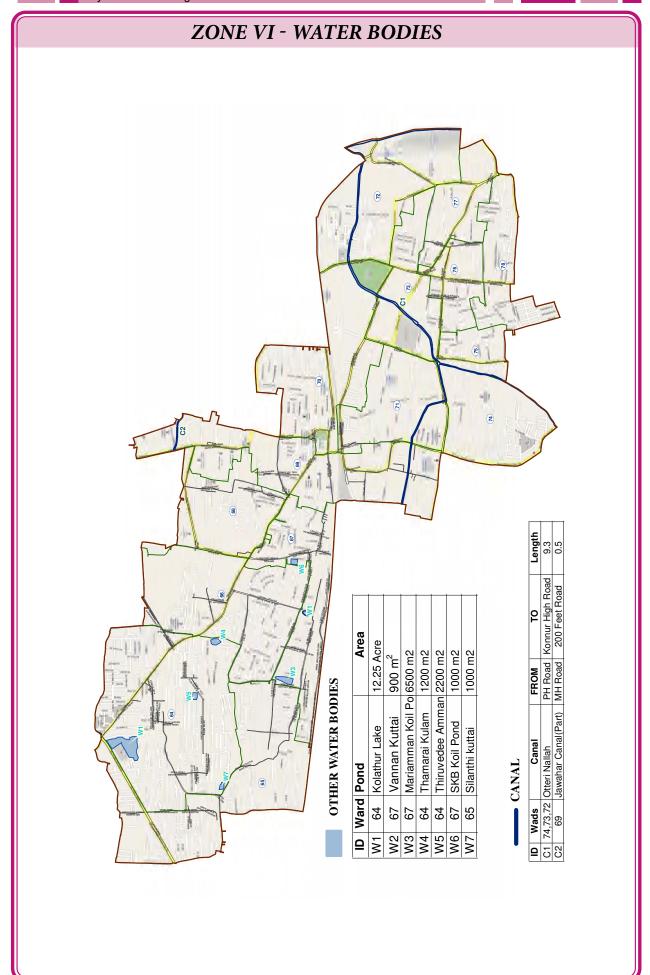
The details of various water bodies in this zone is listed below,

Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Otteri Nallah	71, 72, 73, 74, 75	Medavakkam Tank Road (Kellys)	GMR confluence Point	3.35
2	Jawahar Canal(Part)	70	MH Road	GNT Road	0.70
3	Railway Canal	70	Villivakkam Rail- way gate	Anderson Road, Railway Quarters	1.60
4	Ekangipuram Canal	74	Perambur High Road (South)	Konnur High Road Twin Canal	1.00
5	Gandhi Canal	73	Pulianthope High Road	Powder Mills Road	0.45

Other water bodies

1 2 3	64 64	Kolathur Lake (PWD) Haridoss Pond	20000
		Haridaga Dand	
3	C 4	Handoss Pond	8500
	64	ThiruveethiammanKoil Pond	3000
4	64	North Mada Street, Sanathi Street, (Chandra Kulam) (HR &CE)	1200
5	64	Chandra Kulam	812
6	64	Suriyan Kulam	616
7	65	Kannagi Nagar	2700
8	65	Silanthi Kuttai	1000
9	65	Srinivasan Nagar 3rd Main Road	1200
10	66	K.C.Garden 4th Street	800
11	67	Kanagar Street, Sundara Perumal Koil Lake	5000
12	67	GKM Colony 24th Street, (TNSCB)	10000
13	67	GKM Colony 9th Street, Vannan Kuttai (TNSCB)	1500
14	67	Chakarabani Thoottam Pond	100
15	68	Thilliainayagam 2nd Street	1500
16	68	Paper Mills Road	1000
17	69	Thikkakulam (Railway Property)	1000
18	69	Sankaramadam Street	1000
19	71	Semathamman Colony	1000
20	76	Kandhaswamy Koil Street (Square Tank)	1276
21	77	Ayyavoo Street (Thattangulam Pond)	608
22	78	Angalammankoil Street (Square Tank)	506



Storm water Drains

This is one of the newly added zones where, infra structure facilities are being provided. Particularly new network SWD's construction is under progress as part of the Integrated Storm Water drain network. The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off the rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

There are 467 storm water drains to a length of 115 Km were constructed to ease the flow of rain water in Thiru – Vi – Ka –Nagar zone. The details of SWD and instructions to be followed before and during rain are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs in Km
1	64	114	36.576
2	65	45	9.65
3	66	79	20.71
4	67	30	6.6
5	68	27	10.08
6	69	27	10.63
7	70	27	10.87
8	71	15	3.92
9	72	14	1.85
10	73	16	6.83
11	74	31	6.05
12	75	10	2.78
13	76	17	3.52
14	77	15	3.62
15	78	14	3.38
TOTAL		481	137.06

Water stagnated streets in the previous monsoon - heavy rain

During the last monsson,15 inundated spots in this zone were identified and actions were taken to bale out the rain water. The identified vulnerable spots and the action taken to dispose the rain water in each location is as below,

SI. No.	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	65	Samuthriya Colony, Gandhi Nagar	Pumped out Water With 5HP,7HP	Samuthriya Nagar	Velavan Nagar
2	64	Senthil Nagar, Mahaveer Nagar, Srinivasa Nagar, Selvi Nagar	Pumped out Water With 5HP	Thillai Nagar	SWD
3	68	Papermills Road	Natural Flow	-	-
4	69	GKM Colony, Munusamy Street,Sivagami Street	Pumped out Water With 5HP	Near Storm Water Drain	1.Vannan Kuttai Kulam 2. Foxen Street. 3. Foxen Street
5	67	Papermills Road	Pumped out Water With 5HP	Near S2 Theatre	SWD
6	70	MH Road, Anderson Road	Natural Flow	-	-
7	71	PH Road South Jamaliya	Due to increasing level in otteri nallah natural flow	-	Otteri Nallah
8	74	Chandra Yogi Samathi Street	Pumped out Water With 6HP	Near be Police booth	SWD
9	72	Kannigapuram	Pumped out Water With 2-5HP	Doss Nagar	Railway Canal
10	73	Ammaiyammall Road, New Ferrance Road, Strahans Road	Pumped out Water With 10 HP	Jn of Puliayanthope High Road, Jn of Ambedkar College Road, Starhans Road	Otteri Nallah
11	75	Subburayan Street	Pumped out Water With 5HP	Subburayan 5th Street	SWD

City Disaster Management Plan

Jn

of Angallamman

Koil Street

GCC

SWD

Anna University has mapped the areas inundated in Thiru. Vi. ka. Nagar during 2005 flood by crowd sourc method, the picture of the same is given below.

Pumped out

Water With 5HP

Angallamman Koil

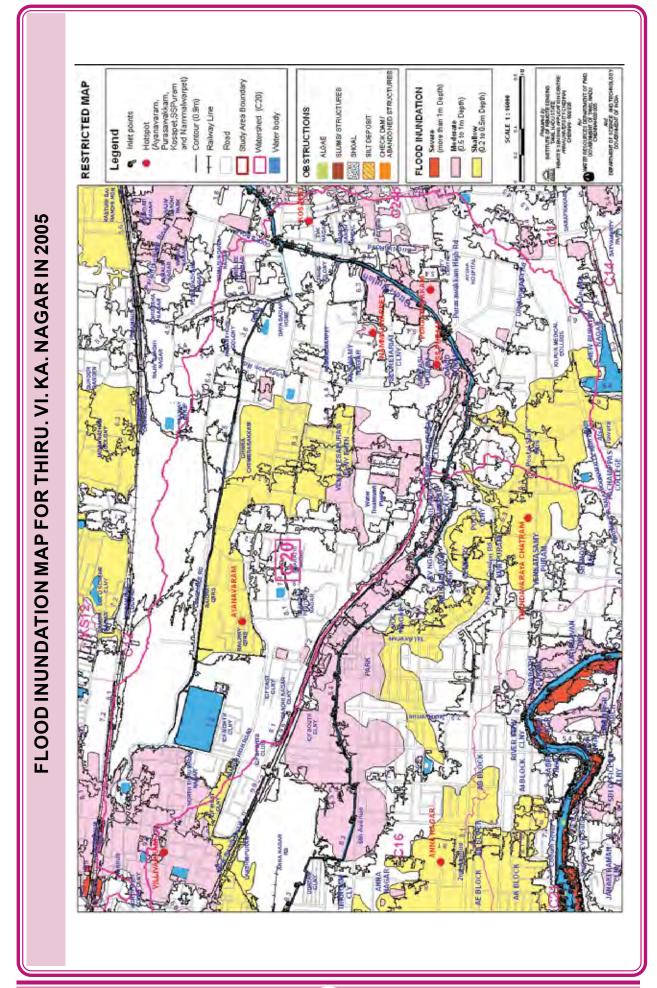
street, Choolai

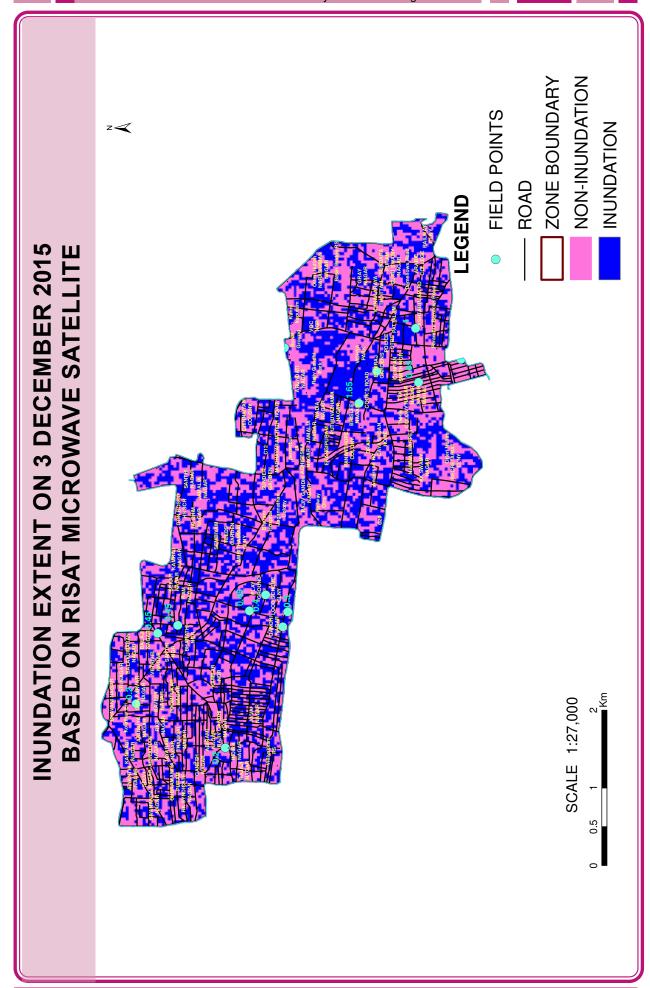
High Road

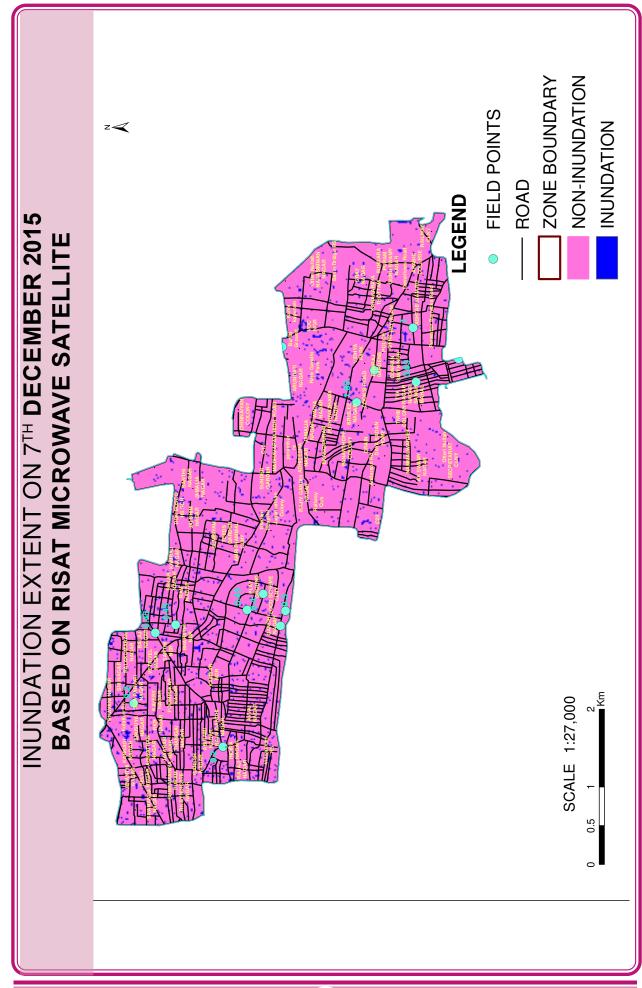
15

78

The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.







ZONE VI ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMPS Streets where water stagnated in the previous monsoon - Moderate Streets where water stagnated in the previous monsoon - Light

Water stagnated streets in the previous monsoon - Mild rain fall

S.No.	ward	Name of the Street			
1	65	sivasakthi nagar			
2	65	mgr nagar			
3	64	Thillai nagar 2nd street			
4	64	Thillai nagar 4th street			
5	64	Selvi nagar			
6	69	Gopal reddy colony			
7	67	paper mills road			
8	67	pallavan salai			
9	72	Decaster Road			
10	72	VOC Nagar			
11	72	Doss Nagar			
12	73	Parthasarathy street			
13	73	Natcharyammal street			
14	73	Decastor Road			
15	75	Medavakam tank road			
16	76	Strahans road			
17	77	Demellows road			

Water stagnated streets in the previous monsoon - Moderate rain fall

S.No.	Ward	Name of the Street
1	65	Srinagar colony
2	65	School road
3	65	Sivasakthi nagar
4	65	MGR nagar
5	64	Thillai nagar 2nd street
6	64	Thillai nagar 4th street
7	64	Selvi nagar
8	64	Adhiyaman street
9	64	Rajiv gandhi street
10	64	V V Nagar 5th street
11	64	Srinivasan nagar 2nd street
12	68	70 feet road
13	69	Gopal reddy colony
14	69	SRP Koil street
15	69	munsusamy street
16	67	paper mills road
17	67	pallavan salai
18	67	madurai samy madam

S.No.	Ward	Name of the Street
19	67	watkin street
20	67	mohammaedean street
21	70	Anderson road
22	70	Bandergarden main street
23	70	thirunavakarasu street
24	70	jawahar road
25	70	shanthi nagar main road
26	71	arunthathi nagar
27	74	Chandrayogi samathi st
28	74	Krishnadass st
29	72	Brightons Road
30	72	Thiru VI Ka Nagar
31	73	ramasamy street
32	73	Narayanasamy street
33	73	Newferrance road
34	73	Parthasarathy street
35	73	Natcharyammal street
36	74	Medavakam 2nd street
37	75	Secretrait colony 3rd street
38	75	Secretrait colony 4th street
39	75	Secretrait colony 5th street
40	75	Secretrait colony 6th street
41	75	Secretrait colony 7th street
42	75	Secretrait colony 9th street
43	75	Aksamy 9th street
44	75	SS Puram A Block 7th street
45	76	Valluvan street
46	76	Edward park street
47	76	Chellapa street
48	76	Strahans road
49	76	Angalamman koil street
50	76	Sachithananthan street
51	76	CS Garden
52	76	Barracks gate road
53	76	KM Garden 1st street
54	77	Demellows road
55	77	Elephant Gate Bridge road
56	78	VV koil street



Stagnation of water in streets due to sewer blocks:

SI. No.	Ward	Name of the Streets	No. of Manholes
1	64	Sivananda Nagar 2nd Street , Makkaram Thottam Avvai Street, VOC Street	8
2	69	GKM Colony 21 ,23 & 24 th Street	4
3	70	S.S.V. Koil Ist Street, Chinna Kulanthai 2nd Street, Vajeravelu Street, Foxen Street,Venkateswara Nagar Ist Street, Constable Road,Vasantha garden Main Street Gnammbal Garden 2nd Street, Madurai Street	12
4	74	Bashyam Reddy Street	2
5	72	Decastor Road VOC Nagar 1st Street, VOC Nagar 8th Street, Brightons Road	11
6	73	Periyar Nagar Housing Board, Ammaiyammal Street, Near D.No.71, Kutty Thambiran Street, Narayanasamy Street, Ramasamy Street, Prakash Rao Colony	12
7	75	No.1, Ranganathapuram (Old Amma Unavagam), 46/170, Baracca Main Road , 42/172, Baracca Main Road , B-Block, SVM Nagar	8
8	76	S.S.Puram A-Block, 2nd Street, 14th & 15th Street, Chellappa Street (Near UPHC) & Door No. 68, S.S.Puram B-Block Main Street	4
9	77	Sachithanandam Street ,.Kandasamy Koil Street	2
10	78	Demellous Road, Pulianthop 3rd & 2nd St, Sivaraja Puram, Sundarapuram, K.P.Park, Bogipalayam	6

Relief Centres:

There are 14 relief centres to a total capacity of 7570 is readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres and the Measures to be taken before and during the rain is given below.

S. No	Ward Name	Capacity	Name &Address of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.		
				MN Nagar,				Sanitation, Medicine	Sanitary Inspector	9445025867		
			School Road	Sivasakthi Nagar,	Yes	s Yes		Evacuation	Assistant Engineer	9445190365		
1	64 500	500 School Road CHS	Mahathama Ganthi Nagar,	Yes			Yes	Yes	s Yes	Food & Drinking water	Assistant Revenue Officer	9444665777
				MGR Nagar				Relief Materials	Assistant Engineer	9445190365		
			Srinivasan Nagar, Corporation School	Bharath Rajiv Gandhi Nagar, Jayanthi Nagar, Hussain Colony, Senthil Nagar	Yes	Yes Yes		Sanitation, Medicine	Sanitary Inspector	9445025864		
								Evacuation	Assistant Engineer	9445190364		
2	65	150					Yes	Food & Drinking water	Assistant Revenue Officer	9444665777		
								Relief Materials	Assistant Engineer	9445190364		
								Sanitation, Medicine	Sanitary Inspector	9445025864		
			KCGarden	Jawahar				Evacuation	Assistant Engineer	9445190366		
3	3 66	150	150 CMS	Nagar	Yes	Yes	Yes	Food & Drinking water	Assistant Revenue Officer	9444665777		
								Relief Materials	Assistant Engineer	9445190366		

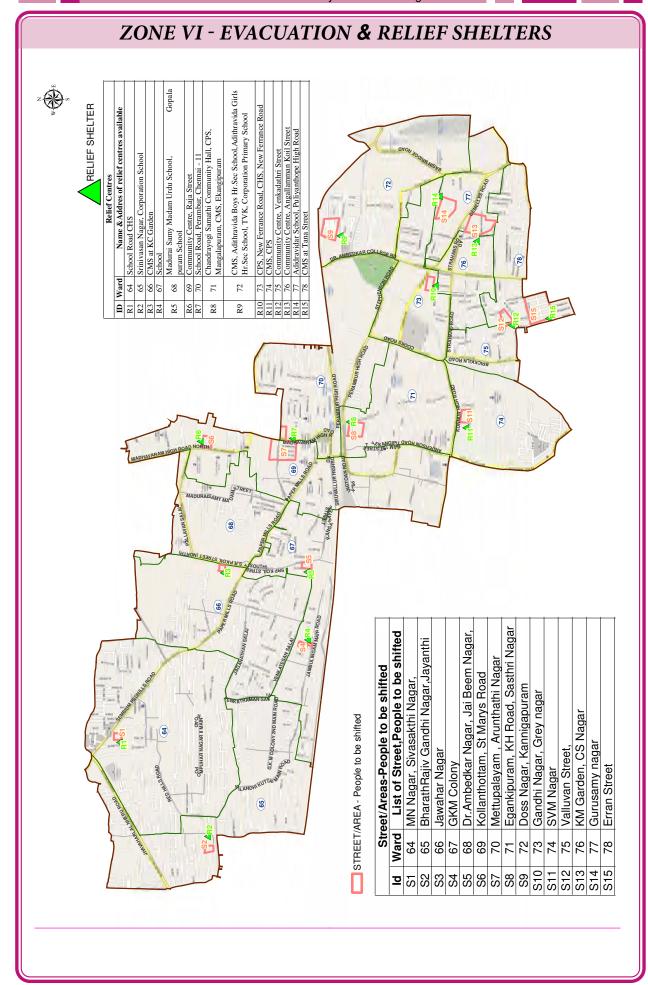
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S. No	Ward Name	Capacity	Name &Address of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.
								Sanitation, Medicine	Sanitary Inspector	9445025867
	00	100	Pappammal St	OKA Oslava	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\		Evacuation	Assistant Engineer	9445190369
4	69	100	School	GKM Colony	Yes	Yes	Yes	Food & Drinking water	Assistant Revenue Officer	9444665777
								Relief Materials	Assistant Engineer	9445190369
						es Yes		Sanitation, Medicine	Sanitary Inspector	9445190367
_	5 67 120	100	Madurai Samy Madam Urdu School, Gopala puram School	Dr.Ambedkar Nagar, Jai Beem Nagar, Kamaraj Nagar	Yes		es Yes	Evacuation	Assistant Engineer	9445190368
5		120						Food & Drinking water	Assistant Revenue Officer	9444665777
								Relief Materials	Assistant Engineer	9445190367
						Yes Yes		Sanitation, Medicine	Sanitary Inspector	9445190370
6	70	300	Bunder Garden School, Community	Kollanthottam,	Yes		Yes	Evacuation	Assistant Engineer	9444665777
		000	Centre Raja street	St Marys Road	100		100	Food & Drinking water	Assistant Revenue Officer	9444665777
								Relief Materials	Assistant Engineer	9445190370
								Sanitation, Medicine	Sanitary Inspector	9445190371
			School Road, 800 Perambur, Chennai - 11	Mettupalayam				Evacuation	Assistant Engineer	9444576365
7	7 71 8	800		, Arunthathi Nagar	Yes	es Yes	es Yes	Food & Drinking water	Assistant Revenue Officer	9789033020
								Relief Materials	Assistant Engineer	9445190371

	City Disaster Management Plan							agomont i an		GCC					
S. No	Ward Name	Capacity	Name &Address of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.					
								Sanitation, Medicine	Sanitary Inspector	9445025867					
			Chandrayogi Samathi Community	Egankipuram,				Evacuation	Assistant Engineer	9445190374					
8	74	300	Hall, CPS, Mangalapuram, CMS,	KH Road, Sasthri Nagar	Yes	Yes	Yes	Food & Drinking water	Assistant Revenue Officer	9444576365					
			Ekangipuram					Relief Materials	Assistant Engineer	6445190374					
			CMS, Adithravida Boys Hr.Sec School, Adithravida Girls Hr.Sec School, TVK, Corporation Primary School	Doss Nagar, Kannigapuram	Yes	Yes Yes	Yes Yes	Sanitation, Medicine	Sanitary Inspector	9787071736					
	9 72 600							Evacuation	Assistant Engineer	9445190372					
9		600						Food & Drinking water	Assistant Revenue Officer	9444576365					
								Relief Materials	Assistant Engineer	9445190372					
											Sanitation, Medicine	Sanitary Inspector	9787071736		
								CPS, New Ferrance Road,	Gandhi Nagar, Grey nagar				Evacuation	Assistant Engineer	9445190373
10	73	150	CHS, New Ferrance Road								Yes	s Yes	s Yes	Food & Drinking water	Assistant Revenue Officer
								Relief Materials	Assistant Engineer	9445190373					
								Sanitation, Medicine	Sanitary Inspector	9445190375					
11	75	1000	CMS, CPS	SVM Nagar	Yes	Yes	Yes	Evacuation	Assistant Engineer	9445190374					
	11 /5 10	1000	TUUU CINIS, CPS	Ovivi ivayai	res	res	. 33	Food & Drinking water	Assistant Revenue Officer	9444576365					
								Relief Materials	Assistant Engineer	9445190375					

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S. No	Ward Name	Capacity	Name &Address of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.												
							Sanitation, Medicine	Sanitary Inspector	9994761402													
			Community	Vallences				Evacuation	Assistant Engineer	9445190376												
12	76	1000	Centre, Venkadathri Street	Valluvan Street,	Yes	Yes	Yes	Food & Drinking water	Assistant Revenue Officer	9444576365												
								Relief Materials	Assistant Engineer	9445190376												
		Community Centre, Angallamman Koil Street Community KM Garden, CS Nagar	400 Centre, Angallamman		No	Yes		Sanitation, Medicine	Sanitary Inspector	9994781402												
							s Yes	Evacuation	Assis tant Engineer	9445190376												
13	76							Food & Drinking water	Assistant Revenue Officer	9444576365												
					Relief Materials	Assistant Engineer	9445190376															
						es Yes		Sanitation, Medicine	Sanitary Inspector	9092217574												
			Adidravidar School, Puliyanthope High Road	Kattur Nalla Muthu Street, Tattan Kullam	Yes		Yes Yes	Evacuation	Assistant Engineer	9445190377												
14	77	77 1000						Food & Drinking water	Assistant Revenue Officer	9444576365												
														_							Relief Materials	Assistant Engineer
								Sanitation, Medicine	Sanitary Inspector	9092217574												
15	78	1000	1000 CMS at Tana Erran	Erran Street	Yes	Yes	Yes	Evacuation	Assistant Engineer	9445190378												
	Street Enanoueet les les		Food & Drinking water	Assistant Revenue Officer	9444576365																	



Subways

There are 3 subways located at Ganesapuram and 2 at Perambur in Thiru - vi - ka -nagar zone. The submersible and diesel pumps are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No	Ward No	Location	Length of the subway in 'm'	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	70	Ganesa puram	30	Otteri Nullah	55 Hp –2 (Submersible Motor) 10 Hp – 1(Submersible Motor)
2	70	Perambur Subway	50	Ekangipuram	10 HP-1 (Submersible Motor)
3	70	Perambur Pedestrian Subway	150	Strom Water Drain	10 HP-1 (Submersible Motor)

Tree fall

During the last monsoon, in Thiru - Vi - Ka - Nagar zone totally 57 tree branches were fallen and cleared. The major tree fall in this zone was observed at Ward 66 with a total tree fall of 12 and least tree fall was observed at Ward 67,71,74,76 & 77 with 1 tree falls in each Wards. The details are as follows,

SI.No.	Ward	Name of the Streets		
1	64	United Colony		
2	69	GKM Colony 12th Street		
3	68	Karthigeyan Salai		
4	68	Jawahar Nagar		
5	69	Loco Works Road		
6	69	SRP Koil Street		
7	70	Jawahar Road		
8	70	Madhavaram High Road		
9	71	School Road		
10	74	Semathamman Colony		
11	72	Basin Bridge Road		
12	73	Stephenson Road, Cooks Road		
13	75	Barracka Road		
14	76	Chellappa Street, Patel Park		

SI.No.	Ward	Name of the Streets
15	76	CS Park Street
16	77	Demellows Road

Streets - water entered houses that do not require evacuation:

During the last monsson, 18 inundated spots where water entered houses but doesn't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 18 locations were inundated for more than a day by which the normal day to day activity of 6310 people were stanstilled. Flood water from these areas were cleared by using 21 pumps rangining from 5 HP to 60 HP capacity. The identified vulnerable spots and the action taken to dispose the rain water in each location is as below,

SI. No.	Ward	Name of the area/ streets	
1	65	Sivaparvathi Nagar,MN Nagar, Dr.Ambedkar Nagar	
2	64	Selvi Nagar 5th Street,Thirumalai Nagar 3rd St	
3	68	Jawahar Nagar 1 to 24 Street	
4	69	GKM Colony	
5	67	Jamaliya Housing Board	
6	70	Gowthamapuram Slum	
7	71	Arunthathi Nagar	
8	74	Ekangipuram	
9	72	Decaster Road, Doss Nagar	
10	73	Ammaiyammall Street	
11	73	Natcharammall Street	
12	75	Subburayan Street	
13	75	Choolaimedu Street	
14	75	SS Puram A & B Block	
15	76	Angallamman Koil Street	

SI. No.	Ward	Name of the area/ streets
16	77	Kattur Nalla Muthu Street
17	77	Puliyanthope 1st Street
18	78	Astabujam Street

Streets that require evacuation

During the heavy flood that occurred in 2015, in Thiru – Vi – Ka - Nagar zone there were 12000 people were evacuated from Jawahar nagar, GKM Colony, Mettupalayam, V.O.C.Nagar, SS Puram and Thattankulam and they are accomated in Chennai Middle School, Night shelter and Community Hall. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and measures to be taken during evacuation are given below.

SI. No.	Ward	Streets No. of persons		Relief centre
1	64	Dr.Ambedkar Nagar, MN Nagar	1200	Chennai High School, Kolathur
2	66	Jawahar Nagar	900	Chennai Middle School, KC Garden
3	67	GKM Colony	500	Chennai Primary School, GKM Colony 12th Street
4	70	Mettupalayam	2000	Chennai Girls High Secondary School, 20, School Road
5	74	Rajiv Gandhi Nagar	200	Egangipuram Chennai Middle School
6	73	Decaster Road	1500	Chennai Middle School
7	72	72 Venkatesapuram 1 to 9th Street		Adithravida Boys Hr.Sec School
8	72	VOC nagar	750	Adithravida Girls Hr.Sec School
9	72	Doss Nagar Pallam	500	TVK, Corporation Pri- mary School

SI. No.	Ward	Streets	No. of persons	Relief centre
10	73	New Ferracnce Road, Ammaiyammall Street	450	Chennai Primary School, Chennai Higher Secondary School, New Ferrance Road
11	74	SVM Nagar, Subburayan Street	1500	Chinnababu Street, School
13	75	SS Puram A Block		Community Hall, Venkadathiri Street
14	77	Thattankulam	1500	Night Shelter, Old Slaughter House Road, Chennai - 11.

Lighting Facilities

The need for proper lighting is absolute during any crisis and would mean the difference between life and death. In normal crisis situation, power outage is common. Therefore establishing alternate sources of lighting is a pre-requiste. There are 13 battery powered lights are available in the zone and the details are given below

CLNo	Mord	Contact	tact Person	
SI.No	Ward	Designation	Phone Number	
4	64 to 70	Assistant Executive	0445100040	
'	64 to 78	Engineer (Electrical)	9445190046	

National Disaster Response Force/ State Disaster Response Force

In Thiru – Vi – Ka -Nagar zone, the NDRF to be stationed locations and precautionary measures to be taken before the rain is given below,

SI.No.	Ward No.	Where NDRF to be stationed and deployed
1	71	Community Centre at Chandrayogi Samathi Street
2	69	Community Centre at Raja Street

NDRF

Location & 24 Hours contact no.

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

Phone No. 04177 - 246594/246269

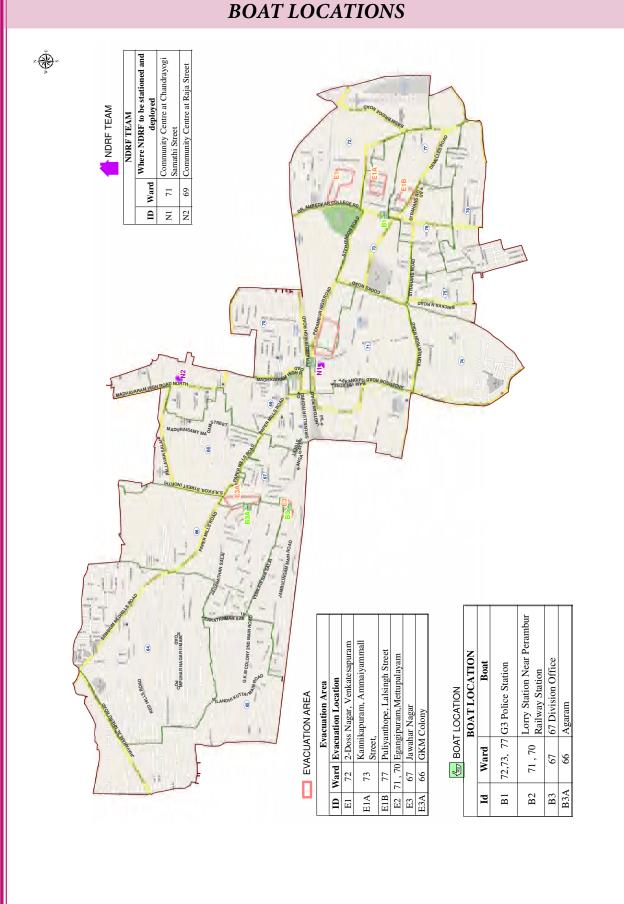
Rescue Boats

Rescue operations during flood require the services of boats in the form of Kattamaram/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in recue operations. When the situation arises to evacuate the people from the affeced area the respective Assistant Engineers are responsible to locate the boat at needy places, guide the boat man to navigate around marooned areas and arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations and the precautionary measures which needs to be taken before and during the rain are given below.

SI.No.	Ward No.	Number of boats required with location /evacuation areas / location	Boats sta- tioned Loca- tion	Contact Per- son & Number
1	72,73, 77	2-Doss Nagar, Venkatesa- puram Kannikapuram, Ammai- yammall Street, Puliyanthope, Lalsingh Street	G3 Police Sta- tion	Notobikup
2	71 , 70	Egangipuram, Mettupalayam	Lorry Station Near Perambur Railway Station	Notchikup- pam Ravi 9087539140
3	67 , 66	Jawahar Nagar, GKM Colony	67 Division Of- fice, Agaram	



ZONE VI - EVACUATION AREA, NDRF TEAMS & BOAT LOCATIONS



Transport Equipment & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 6 debris lorries, 1 skid steer loaders and 2 front end loaders are stationed for performing the job. The details of the lorries availability and the precautiionay measures which needs to be taken before rain are given below

No. of lorries and type kept in readiness			
Debris lorry - 6 Nos			
Skid steer loaders (Bob cat) - 1 No			
(Front end loader) JCB - 2 Nos			

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9788075068	2	3	6-LMV	2

Streets/lanes less than 2.5 m that cannot be accessed by Vehicles

SI.No.	Ward No./Name	Name of the Streets
1	75	Sastri Nagar
2	73	Gandhi Nagar
3	73	Krishnapillai Street

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows

Ward committee - 64

Ward Councillor - 9445467064

Name of the department	Designation	Contact Number
GCC - Engineering	Junior Engineer	9445190364
GCC - Electrical	Assistant Engineer	9445190929
GCC- Health	Sanitary Inspector	9445025864
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190564
GCC - Revenue	Tax Collector	9003272933
Revenue	Revenue Inspector	8838862944
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930064
TANGEDCO	Junior Engineer	9445850858, 9445850856, 9445850864, 9445978506
BSNL	Assistant Engineer	9445989865
Fire service	Inspector	044-26174718, 445086070
Police station	Inspector	044-23452750, 9498127225 044-23452758, 9840708060
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853
Highways	Assistant Engineer	9742435301

Ward committee - 65

Ward Councillor -9445467065

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190365
GCC - Electrical	Assistant Engineer	9445190929
GCC- Health	Sanitary Inspector	9445025867
GCC - Veterinary	Veterinary Assistant Surgeon	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190565
GCC - Revenue	Tax Collector	9003171790
Revenue	Revenue Inspector	7338907892
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930065
TANGEDCO	Junior Engineer	9445850862, 9444275723
BSNL	Assistant Engineer	9444954087
Fire service	Inspector	044-26174718, 445086070
Police station	Inspector	044-23452750, 9498127225
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853
Highways	Assistant Engineer	9742435301

Ward committee - 66

Ward Councillor - 9445467066

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190366
GCC - Electrical	Assistant Engineer	9445190930
GCC- Health	Sanitary Inspector	9445025864
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190566
GCC - Revenue	Tax Collector	8124988152
Revenue	Revenue Inspector	9884820369/8838862944
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930066
TANGEDCO	Junior Engineer	9445850856 / 9445978504
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	-
Police station	Inspector	9443117819/ 044- 25500656/044-23452758
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 67,

Ward Councillor -9445467067

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190367
GCC - Electrical	Assistant Engineer	9445910965
GCC- Health	Sanitary Inspector	9445025869
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190567
GCC - Revenue	Tax Collector	9176134900
Revenue	Revenue Inspector	9884820369
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930067
TANGEDCO	Junior Engineer	9445850863
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	044-25370101
Police station	Inspector	044-23452712
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 68

Ward Councillor -9445467068

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190368
GCC - Electrical	Assistant Engineer	9445190930
GCC- Health	Sanitary Inspector	9445025869
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190568
GCC - Revenue	Tax Collector	8124988152
Revenue	Revenue Inspector	9884820369
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930068
TANGEDCO	Junior Engineer	9445850856, 9445978504
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	044-25370101
Police station	Inspector	9443117819, 044-25500656, 044-23452758
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 69

Ward Councillor -9445467069

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190369
GCC - Electrical	Assistant Engineer	9445190930
GCC- Health	Sanitary Inspector	8072953367, 9445025867
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190569
GCC - Revenue	Tax Collector	9884441782
Revenue	Revenue Inspector	9884820369
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930069
TANGEDCO	Junior Engineer	9445850855
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	044-25370101
Police station	Inspector	9443117819
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 70,

Ward Councillor -9445467070

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190370
GCC - Electrical	Assistant Engineer	9445477672, 9445910965
GCC- Health	Sanitary Inspector	9445025869
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190570
GCC - Revenue	Tax Collector	7358190120
Revenue	Revenue Inspector	8682024332
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930070
TANGEDCO	Junior Engineer	9445850868
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-25370101
Police station	Inspector	044-23452712
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 71,

Ward Councillor - 9445467071

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190371
GCC - Electrical	Assistant Engineer	9445910965
GCC- Health	Sanitary Inspector	9445025869
GCC - Veterinary	VAS	9445194748
GCC - Solid waste manage- ment	Conservancy Inspector	9445190571
GCC - Revenue	Tax Collector	9380879769
Revenue	Revenue Inspector	8807000990
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930071
TANGEDCO	Junior Engineer	9445850754, 9445850735
BSNL	Assistant Engineer	9444333143
Fire service	Inspector	044-28554309
Police station	Inspector	044-23452712, 9840915671, 9498105240
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 72,

Ward Councillor - 9445467072

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190372
GCC - Electrical	Assistant Engineer	9445190925
GCC- Health	Sanitary Inspector	9787071736
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190572
GCC - Revenue	Tax Collector	7010050998
Revenue	Revenue Inspector	8124021111
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930072
TANGEDCO	Junior Engineer	9445850735 / 9445850736
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	044-25322937
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 73

Ward Councillor - 9445467073

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190373
GCC - Electrical	Assistant Engineer	9445910965 / 9445190925
GCC- Health	Sanitary Inspector	9787071736
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190573
GCC - Revenue	Tax Collector	9940499580
Revenue	Revenue Inspector	9629978482 / 8838234547
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930073
TANGEDCO	Junior Engineer	9445850736 / 9445850734
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	8122274040
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Ward committee - 74

Ward Councillor - 9445467074

Name of the department	Designation	Contact Number	
GCC - Engineering	CC - Engineering Assistant Engineer		
GCC - Electrical	Assistant Engineer	9445190927	
GCC- Health	Sanitary Inspector	9445025867	
GCC - Veterinary	VAS	9445194748	
GCC - Solid waste management	Conservancy Inspector	9445190574	
GCC - Revenue	Tax Collector	9380879269	
Revenue	Revenue Inspector	8682028332	
GCC - Park overseer CMWSSB	Park Supervisor	9445194752	
	Assistant Engineer	8144930074	
TANGEDCO	Junior Engineer	9445850734, 9445850735	
BSNL	Assistant Engineer	9445010501	
Fire service	Inspector	044-28554309	
Police station	Inspector		
PWD	Assistant Engineer	9443130220	
TNSCB	Assistant Engineer	7598343853	
Highways	Assistant Engineer	9742435301	

Ward committee - 75

Ward Councillor - 9445467075

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190375
GCC - Electrical	Assistant Engineer	9445190927
GCC- Health	Sanitary Inspector	9994781402
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190575
GCC - Revenue	Tax Collector	9840226285
Revenue	Revenue Inspector	9629978482 / 8838234547
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930075
TANGEDCO	Junior Engineer	9445850725
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	9444957565
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Zone - 6 414

Ward committee - 76

Ward Councillor - 9445467076

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190376	
GCC - Electrical	Assistant Engineer	9445190927	
GCC- Health	Sanitary Inspector	9994781402	
GCC - Veterinary	VAS	9445194748	
GCC - Solid waste management	Conservancy Inspector	9445190576	
GCC - Revenue	Tax Collector	90940499680	
Revenue	Revenue Inspector	9629978482 / 8838234547	
GCC - Park overseer	Park Supervisor	9445194752	
CMWSSB	Assistant Engineer	8144930076	
TANGEDCO	Junior Engineer	9445850734 / 9445850738	
BSNL	Assistant Engineer	9445010501	
Fire service	Inspector	044-28554309	
Police station	Inspector	-	
PWD	Assistant Engineer	9443130220	
TNSCB	Assistant Engineer	7598343853	

Ward committee - 77

Ward Councillor - 9445467077

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190377
GCC - Electrical	Assistant Engineer	9445190925
GCC- Health	Sanitary Inspector	9092217574
GCC - Veterinary	VAS	9445194748
GCC - Solid waste management	Conservancy Inspector	9445190577
GCC - Revenue	Tax Collector	9080889476
Revenue	Revenue Inspector	9629978482 / 8838234547
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930077
TANGEDCO	Junior Engineer	9445850734 / 9445850738
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	9444472242
PWD	Assistant Engineer	9498129000
TNSCB	Assistant Engineer	7598343853

Ward committee - 78

Ward Councillor -9445467078

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190378
GCC - Electrical	Assistant Engineer	9445190925
GCC- Health	Sanitary Inspector	9092217574
GCC - Veterinary	VAS	9176439467
GCC - Solid waste management	Conservancy Inspector	9445190578
GCC - Revenue	Tax Collector	9840189034
Revenue	Revenue Inspector	9629978482 / 8838234547
GCC - Park overseer	Park Supervisor	9445194752
CMWSSB	Assistant Engineer	8144930078
TANGEDCO	Junior Engineer	9445850734 / 9445850724
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	044-23452690
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7598343853

Zone - 6 416

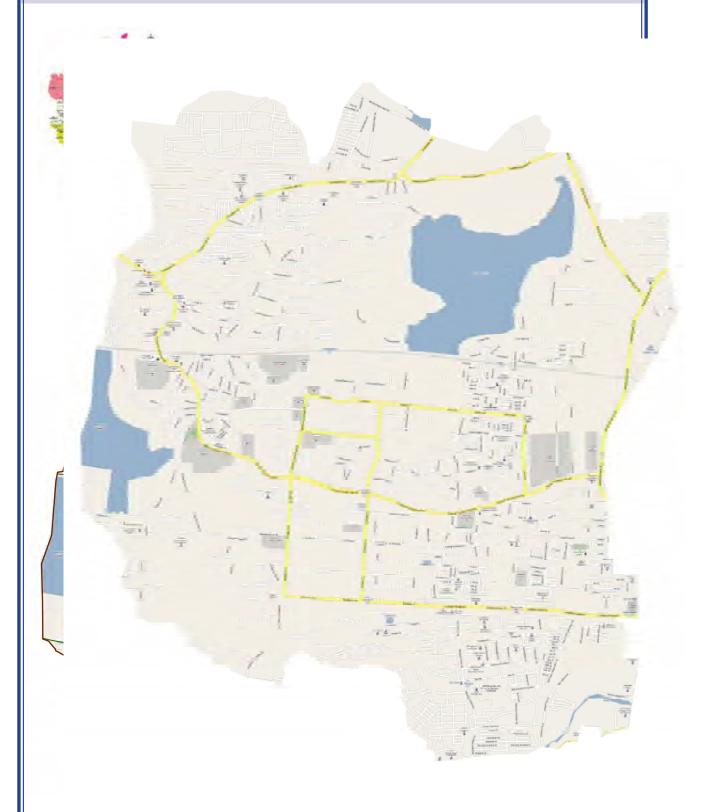
ZONE - VII

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AMBATTUR

ZONE VII - WARD BOUNDARY



NAME OF THE ZONE	WARD NUMBER	
Ambattur	79 TO 93	



Profile

The Ambattur zone lies in Latitude 13o4'36"N, Longitude 80o5'18"E and covering an area of 43.52 Sq.km.

There are 3584 roads, out of which 3540 roads to a length of 495.19 Km are Interior Roads, 35 Roads to a length of 27.25 Km are Bus Route Roads which are maintained by GCC and the remaining 9 roads are under the maintenance of Highways department

The population is about 6.36 Lakhs that has Male population of 50.33% and Female population of 49.67 % In this zone, the densest area is ward 91 with a population of 94,080 and the least is ward 89 with a population of 23,936. The Ward wise population is given below

SI.No.	Ward No.	Total House Holds	Total Population
1	79	12945	45210
2	80	11018	36894
3	81	14911	44733
4	82	16372	42019
5	83	19100	64230
6	84	11230	28800
7	85	9592	32877
8	86	27065	73439
9	87	10800	41300
10	88	14300	38000
11	89	11496	34488
12	90	15101	45303
13	91	15085	45255
14	92	7019	31201
15	93	8668	32650
TOTAL		204702	636399

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Mr. Tamilsemvan (Zonal Officer Zone – 7 Ambattur)	Unit 18, 18A, 19, 19A, 20 / Division 79 - 93	94451900007

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Mr.S.Kumaraswamy Executive Engineer- I	U-18,U-19 & U-20	9445194759
2	Mr.Sathish Kumar.M Executive Engineer- II	U-18,U-19	9445190027
3	Mr. D. Shankaran	U-18	9445036501
4	Mr. Sathish Kumar Assistant Executive Engineer	(79,80,81)	9445036501
5	Mr. Raj Mohan Assistant Executive Engineer (Additional)	U-19	9445190118
6	Mrs.Gomathi Assistant Executive Engineer	U-19 (85,86,87,88)	9445190859
7	Mr.Dilip Kumar Assistant Executive Engineer	U-18 (89, 90, 91, 92, 93)	9445190120
8	Mr.Suresh Assistant Executive Engineer, Electrical	79 to 93	9445190047
9	Mr.Sekar Assistant Engineer, Mechanical	79 to 93	9445190496

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	Conservancy supervisor	Unit-18 (79,80,81,82,83)	9445191418
2.	Conservancy supervisor	Unit-19 (84,85,86,87,88)	9445191419
3	Conservancy supervisor Mr. Swaminathan	Unit 19A (84, 87, 88)	8778045094

	_	City Disaster Management Plan	GCC
4	Conservancy supervisor	Unit-20 (89,90,91,92,93)	9445191420
5	Conservancy supervisor Mr. Wilson (Night CS)	Unit (18,19,20)) (79 - 93	9176368360

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues are given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone VII	9445190067
2	Veterinary Surgeon	Zone VII	9841117821
3	Entomologist Assistant	Zone VII	9940403337
4	Sanitary Officer	Unit-18	9445190687
5	Sanitary Officer	Unit-19	9445025885
6	Sanitary Officer	Unit-20	9445025892

Parks

There are 108 Parks available in Zone -7. These parks may serve as buffer zone to assemble and to alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details

Lenin Nagar Park, Ram Nagar Park, Gandhi Main Road Park, Lakshmiamman Nagar Park, Thiruvenkadam Nagar Park, Krishnapuram Park, Secretriate Colony Park, Tata Communication Park, Dugar Park, Narayana Nagar, Hindustan Colony Park, Ranga Garden Park, ,Sastha Nagar Park, Kandigai Street Park, Subulakshmi Nagar Park, TNHB 61St St Park, K T Nagar Park, Gangaiamman Koil Street park, Rail Vihar Quarters Park – I, Rail Vihar Quarters Park – II, Gopal Swamy Nagar Park, Gothavari Park (Agni Estate), C T H Road Opp To Kochar Park, Icici Bank Park, India Land Park, Sindhu Nathi Park, Chelliamman Nagar Park, VGN Shanthi Nagar Park, Chelliamman Koil Pond Park, VGN Cosmo Polis Park, VGN Har;pton Park, VGN Brent Park, Thamirabarani Street jn of new centuri hospital road, Thamirabarani Street jn of Kaveri Street Park, TNHB Park Vanagaram Main Road, TNHB 4Th St Park, AP Flats Childrens Park, B-Sector Park, C-Sector Park, Millienium Park, C T H Road Park Officers Colony Park, Golden Colony,

TVS Avenue Main Road Park, Akshaya Colony, Tvs Colony Park, Collector Nagar Park, Golden Jubleee Park, Welcome Colony Block 49-A & Park Road, TNHB Flats Park, Thirumangalam, Ongc Park, TNHB Park, Padikuppam Road, Asiad Colony, Emarelds Park, Santham Colony Block no.10,14,16, Mogappair West Bus Stand, Mogappair Eri Scheme 8Th St Park, Jaswanth Nagar Phase-I Park, Jaswanth Nagar Phase-Ii Park, Tri Star Park Aibea Nagar Park, Mogappair Eri Scheme 6th Main Road, MOGAPPAIR ERI SCHEME 6TH MAIN ROAD, Mogappair Eri Scheme 15th cross street park , 6TH BLOCK 8TH STREET, Venugopal Street Park, Veeramamunivar Park, Church Road Park, Varun Apartment Park, Anna Park (Mangal Eri Park), Eb Road Park, VGN Rakshna Park, Veeramamunivar Park, Yogakalpattra Park, THAMARAI KULAM PARK, Thangal Eri Park, VANAN KULAM POND PARK, MENAMBEDU THANGAL POND PARK, NETHAJI NAGAR POND PARK, SIVALINGA PURAM POND PARK PERUMAL KOIL POND PARK , Madhanankuppam Pond, Kandigai Park, Jeevan Bheema Nagar 1st Gate, Pace Parana Park, Maple Orchid Park MMM Hospital Park, Bharathi Nagar Park, Kochar Park, T T MATHEW ROAD, Lokmaniya Thilagar Street Park, Kavitha Street (Miya Wakkie), Madurai Veeran Street Park, TVS Avenue 34th Street, Park at Thirumangalam Main Road(HIG flat OSR land), WELCOME COLONY, WELCOME COLONY, SANTHAM COLONY (to be park include Salient Features), SANTHAM COLONY, SANTHAM COLONY, WELCOME COLONY, WELCOME COLONY, PADI KUPPAM MAIN ROAD VGN PADI KUPPAM MAIN ROAD, Old Ben Foundation, PADI KUPPAM MAIN ROAD, Pace parana, GOLDEN JUBILEE, FLATS NEAR ANNAI FLATS, O V Joseph Park, GOLDEN JUBILEE, FLATS NEAR EB TRANSFORMER

SI. No.	Team member contact No	Equipment available	Area of operation
1	9445194573 Park Overseer	Power saw – 17 Telescopic saw - 12	Ambattur

List of Parks

SI.N o	Dn.No	Unit	Name of the Street
1	79	18	Lenin Nagar Park
2	79	18	Ram Nagar Park
3	79	18	Gandhi Main Road Park
4	79	18	Lakshmiamman Nagar Park
5	81	18	Thiruvenkadam Nagar Park
6	81	18	Krishnapuram Park
7	81	18	Secretriate Colony Park
8	82	18	Tata Communication Park
9	82	18	Dugar Park
10	82	18	Narayana Nagar
11	83	18	Hindustan Colony Park

SI.N o	Dn.No	Unit	Name of the Street
12	83	18	Ranga Garden Park
13	83	18	Sastha Nagar Park
14	83	18	Kandigai Street Park
15	83	18	Subulakshmi Nagar Park
16	84	19	TNHB 61St St Park
17	84	19	K T Nagar Park
18	84	19	Gangaiamman Koil Street park
19	85	19	Rail Vihar Quarters Park - I
20	85	19	Rail Vihar Quarters Park - 11
21	86	19	Gopal Swamy Nagar Park
22	86	19	Gothavari Park (Agni Estate)
23	86	19	C T H Road Opp To Kochar Park
24	86	19	Icici Bank Park
25	86	19	India Land Park
26	86	19	Sindhu Nathi Park
27	86	19	Chelliamman Nagar Park
28	86	19	VGN Shanthi Nagar Park
29	86	19	Chelliamman Koil Pond Park
30	86	19	VGN Cosmo Polis Park
31	86	19	VGN Har;pton Park
32	86	19	VGN Brent Park
33	86	19	Thamirabarani Street jn of new centuri hospital road
34	86	19	Thamirabarani Street jn of Kaveri Street Park
35	86	19	TNHB Park Vanagaram Main Road
36	87	19	TNHB 4Th St Park
37	88	19	AP Flats Childrens Park
38	88	19	B-Sector Park
39	88	19	C-Sector Park
40	88	19	Millienium Park
41	88	19	CTH Road Park
42	89	20	Officers Colony Park
43	89	20	Golden Colony
44	89	20	T V S Avenue Main Road Park
45	89	20	Akshaya Colony
46	89	20	Tvs Colony Park
47	89	20	Collector Nagar Park
48	90	20	Golden Jubleee Park
49	90	20	Welcome Colony Block 49-A & Park Road
50	90	20	TNHB Flats Park, Thirumangalam
51	90	20	Ongc Park
52	90	20	TNHB Park,Padikuppam Road

Zone - 7 423

		anagement Flan	occ .
SI.N o	Dn.No	Unit	Name of the Street
53	90	20	Asiad Colony
54	90	20	Emarelds Park
55	90	20	Santham Colony Block no.10,14,16
56	91	20	Mogappair West Bus Stand
57	91	20	Mogappair Eri Scheme 8Th St Park
58	91	20	Jaswanth Nagar Phase-I Park
59	91	20	Jaswanth Nagar Phase-li Park
60	91	20	Tri Star Park
61	91	20	Aibea Nagar Park
62	91	20	Mogappair Eri Scheme 6th Main Road
63	91	20	MOGAPPAIR ERI SCHEME 6TH MAIN ROAD
64	91	20	Mogappair Eri Scheme 15th cross street park
65	91	20	6TH BLOCK 8TH STREET
66	92	20	Venugopal Street Park
67	92	20	Veeramamunivar Park
68	92	20	Church Road Park
69	92	20	Varun Apartment Park
70	92	20	Anna Park (Mangal Eri Park)
71	92	20	Eb Road Park
72	92	20	VGN Rakshna Park
73	93	20	Veeramamunivar Park
74	93	20	Yogakalpattra Park
75	79	18	THAMARAI KULAM PARK
76	80	18	Thangal Eri Park
77	82	18	VANAN KULAM POND PARK
78	82	18	MENAMBEDU THANGAL POND PARK
79	83	18	NETHAJI NAGAR POND PARK
80	83	18	SIVALINGA PURAM POND PARK
81	83	18	PERUMAL KOIL POND PARK
82	83	18	Madhanankuppam Pond
83	83	18	Kandigai Park
84	89	20	Jeevan Bheema Nagar 1st Gate
85	90	20	Pace Parana Park
86	90	20	Maple Orchid Park
87	93	20	MMM Hospital Park
88	80	18	Bharathi Nagar Park
89	85	19	Kochar Park
90	86	20	T T MATHEW ROAD
91	88	19	Lokmaniya Thilagar Street Park
92	88	19	Kavitha Street (Miya Wakkie)
93	89	20	Madurai Veeran Street Park

SI.N o	Dn.No	Unit	Name of the Street
94	89	20	TVS Avenue 34th Street
95	90	20	Park at Thirumangalam Main Road(HIG flat OSR land)
96	90	20	WELCOME COLONY
97	90	20	WELCOME COLONY
98	90	20	SANTHAM COLONY (to be park include Salient Features)
99	90	20	SANTHAM COLONY
100	90	20	SANTHAM COLONY
101	90	20	WELCOME COLONY
102	90	20	WELCOME COLONY
103	90	20	PADI KUPPAM MAIN ROAD
104	90	20	PADI KUPPAM MAIN ROAD Old Ben Foundation
105	90	20	PADI KUPPAM MAIN ROAD parana
106	90	20	GOLDEN JUBILEE FLATS NEAR ANNAI FLATS
107	93	20	O V Joseph Park
108	93	20	GOLDEN JUBILEE FLATS NEAR EB TRANSFORMER

	TREE CUTTING MACHINERIES AVAILABLE IN ZONE - 7					
S.	D:	No. of Saw A	No. of Pruners			
No.	Div	Petrol	Electrical	Available		
1	79	1	_	0		
2	80	0	_	0		
3	81	1	_	1		
4	82	0	_	0		
5	83	1	_	0		
6	84	1	_	0		
7	85	1	_	0		
8	86	1	_	0		
9	87	1	_	0		
10	88	1	_	0		
11	89	0	_	0		
12	90	0	_	0		
13	91	1	_	0		
14	92	1	_	0		
15	93	1	_	0		
Park	oversears	6				
	Total	17				

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are 23 pumping stations available in Ambattur Zone with average capacity of 6MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station are given below,

Sl.	Pumping Station	Capacity MLD	No. of
No.	A No West E to I Co D Ctation		pumps
1	Anna Nagar West Extension I Sewage Pumping Station	4.00	3
2	Anna Nagar West Extension II Sewage Pumping Station	5.50	4
3	Mogappair Sewage Pumping Station	13.50	2
4	Korattur Sewage Pumping Station(Old)	5.00	1
5	Korattur Sewage Pumping Station(New)	0.10	2
6	Five Star SewagePumping Station	0.33	1
7	Golden Jubilee SewagePumping Station	0.30	1
8	Elango Nagar SewagePumping Station	0.18	2
9	Karukku Sewage Pumping Station	0.90	2
10	Karpankulam Sewage Pumping Station	0.30	2
11	Ayyankulam Sewage Pumping Station	0.30	2
12	Nehru Nagar Sewage Pumping Station	0.05	2
13	Teachers Colony Sewage Pumping Station	0.03	1
14	Kulakarai Lift Station	0.03	1
15	SIDCO Nagar Lift Station	0.15	2
16	Sangam Street Lift Station	0.05	1
17	Lenin Nagar Lift Station	0.18	1
18	Thirumalai Priya Nagar (V.O.C. Street) Lift Station	0.09	1
19	Pillayar Koil Street Lift Station	0.05	1
20	Thendral Nagar Lift Station	0.10	1
21	Pallam Street Sewage Pumping Station	1.18	2
22	Vivekananda Nagar Pumping Station	1.10	2
23	S.R.B. Nagar Sewage Pumping Station	0.10	2

Tamil Nadu Slum Clearance Board tenements

There is 2 TNSCB tenements in Kamarajar Nagar and ICF Colony with a population of 636 and 5712. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are as given below,

SI. No.	Ward No	Tenement location	No. of tenement	Population
1	85	Kamarajar Nagar	159	636
2	86	ICF Colony	1428	5712
3	86	Ayanambakkam main Road, Athipet		650

Contact details

Department	Designation	Area	Contact No.	
TNSCB	Executive Engineer	Area - 7	044- 28444973	
Conservancy/GCC	Conservancy Supervisor	Unit-18	9445191418	
Conscivancy/CCC	Conscivancy Supervisor	(79 to 83)		
Conservancy/GCC	Conservancy Supervisor	Unit-19	9445191419	
Conservancy/GCC	Conservancy Supervisor	(84 to 88)	3440131413	
Concervency/CCC	Canaanyanay Sunanjiaan	Unit-20	9445191420	
Conservancy/GCC	Conservancy Supervisor	(89 to 93)	9445191420	

ZONE VII - WATER BODIES to be changed 79 82 91 92 CANAL OTHER WATER BODIES CANALS Length in Km Other water bodies in the Zone 83 Korattur Canal TNHB 38th st TNHB 61st St 2 85 Ambattur Canal MKB Nagar Pattravakkam canal Canal near V A.O Be diffice, Ambattur Ambattur lake Dunlop Pattravakkam canal 88 KitalaivanarAhagar Kafalaivanar Nagar Geevan Bheema flats 893 Padkuppam Canal Ambattur laker bunlop Padkuppam road 9 I Mogappair Canal TNHB 3rd block Canal Padkuppan road Padkuppan road 9 3 Coovam Canal Coovam New Bridge Rai Nagar Pal Nagare ID Ward No Length / Area Name of other water bodies L1 79 & 80 Puzhal lake L2 82 & 83 Korattur Lake L3 85 Ambattur Lake L4 80 Thangal Eri Po 4500Acres 400 Acres Ambattur Lake Thangal Eri Pond 250 Acres 11000.00m

Water Bodies and Waterways

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 212.246 km to ease the flow of rain water. The details of various water bodies in this zone are listed below,

Canals

SI. No	Div	Name Of The Canal	From	То	Length In Km	Main - tained By
1	VII / 84	North Avenue Canal	TNHB 38th Street, Korattur, Division 83.	TVS Canal, Jawaharlal Nehru Salai, Division 83.	2.9 Km	PWD
2	VII / 86	Ambattur Sidco Canal	South Avenue Road, Division 86	Nolambur Canal, Division 98.	1.32 Km	PWD
3	VII / 93	Padi kuppam Canal	Kalaivanar Nagar, Division 88.	Cooum River, Division 93.	2.12 Km	GCC
4	VII&XI	Nolambur Canal	Mugappair 3rd Main Road, Nolambur, Division 143	Cooum River, Division 93.	2.48 Km	GCC
Total					8.82 km	

Other water bodies

SI No	Ward	Name of other water bodies	Area	
1	79 & 80	Puzhal lake	4500Acres	PWD
2	82 & 83	Korattur Lake	600 Acres	PWD
3	85	Ambattur Lake	400 Acres	PWD

Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

733 Nos of storm water drains & side drain to a length of 172.08 Km were constructed to ease the flow of rain water in Ambattur zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs in KM
1	79	104	20.94
2	80	95	17.38
3	81	81	16.72
4	82	109	24.41
5	83	119	30.69
6	84	145	27.07
7	85	121	26.04
8	86	140	45.65
9	87	131	18.94
10	88	146	22
11	89	68	12.46
12	90	22	10.41
13	91	48	9.45
14	92	39	11.94
15	93	34	12.28
Total		1402	306.38

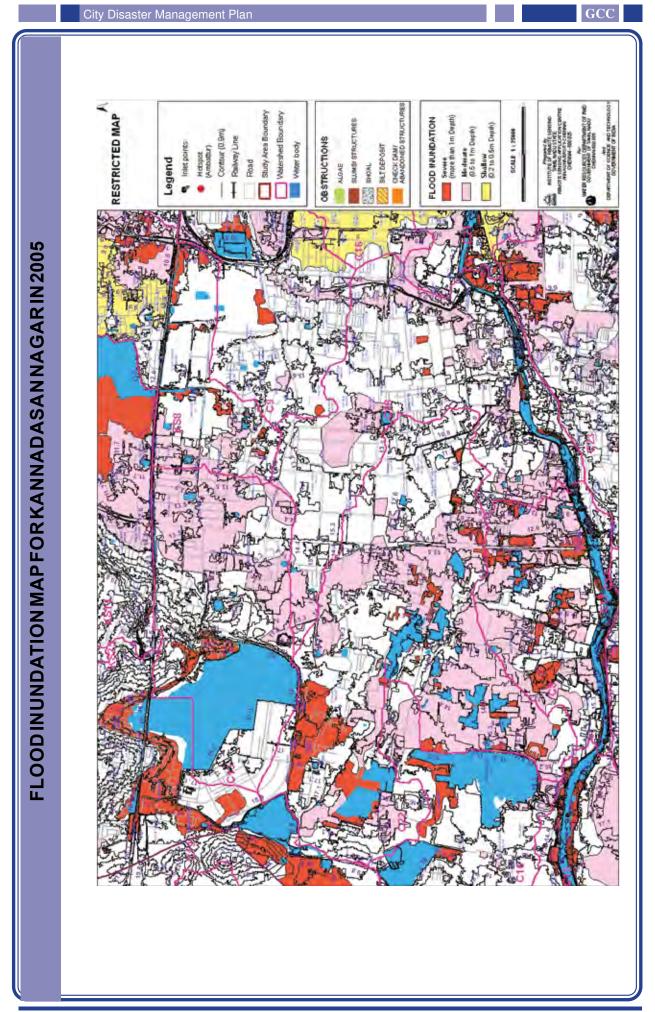
Water stagnated streets in the previous monsoon - heavy rain fall

During the last monsoon 15 inundated spots in this zone were identified and actions were taken to bail out the rain water. Most of the locations were flooded during the North-East Monsoon 2018 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone. The identified water stagnations and the actions taken to dispose the rain water in each location are as below.

W	Water stagnated streets in the previous monsoon - heavy rain fall										
SI. No	Div No	Name of The Location	Capacity of Pump	Location of Pump	Disposal of Point						
1	82	Indian bank colony	25 Hp	Indian bank colony							
2	82	TNEB Colony	25 HP	TNEB Colony							
3	82	East Balaji nagar	10 HP	East Balaji nagar							

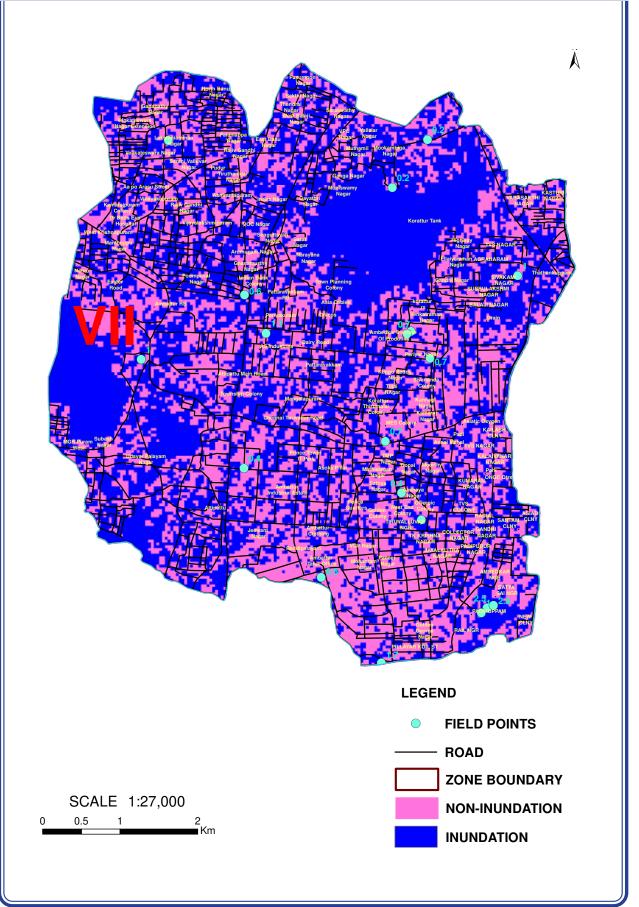
4	83	Perumal Koil Pond	5 Hp	Perumal Koil Pond	
5	84	Korattur	25 Hp	Korattur	
6	84	North Avenue	25 Hp	North Avenue	
7	85	CTH Road	5 Hp	CTH Road	
8	86	Athipet Road	10 Hp	Athipet Road	
9	88	North Main Road	10 Hp	North Main Road	
10	89	Thirumangalam Main Road	25 Hp	Thirumangalam Main Road	
11	89	Godlen Colony	25Ho	Godlen Colony	
12	90	Golden Jubliee Flats	25 HP	Golden Jubliee Flats	
13	91	Kavimani Salai	10 Hp	Kavimani Salai	
14	92	Venugopal Street	5 HP	Venugopal Street	
15	93	Rathinam Street	5 HP	Rathinam Street	

Kannadasan nagar which was flooded during 2005 flood was mapped by IRS, Anna University by crowd source method, the picture of the same is given below for planning mitigation work. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.



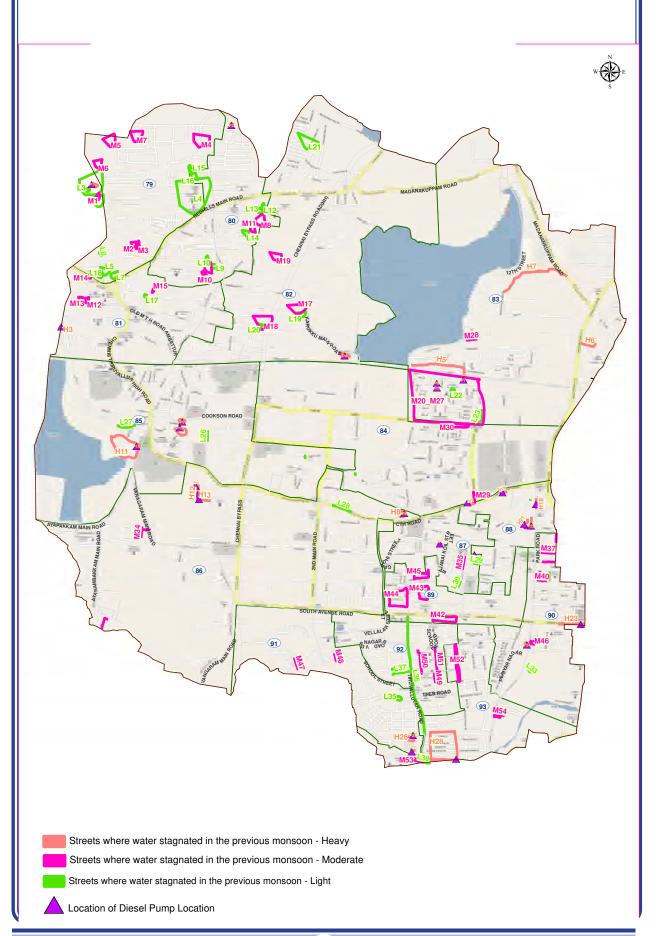
Zone - 7 432

INUNDATION EXTENT ON 3 DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



INUNDATION EXTENT ON 7TH DECEMBER 2015 **BASED ON RISAT MICROWAVE SATELLITE** Ä **LEGEND FIELD POINTS** - ROAD **ZONE BOUNDARY** SCALE 1:27,000 NON-INUNDATION **INUNDATION**

ZONE VII - ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMP



Water stagnated streets in the previous monsoon - mild rainfall

S. No	Ward	Name of the street			
1	79	Bank Street	5 HP	Bank Street	
2	80	Prakasam Street	5 HP	Prakasam Street	
3	81	Thiruvengadam Nagar	5 HP	Thiruvengadam Nagar	
4	82	Meenatchi School	5 HP	Meenatchi School	
5	83	Perumal Koil Street	5 HP	Perumal Koil Street	
6	84	Station Road	5 HP	Station Road	
7	85	Kamarajapuram	5 HP	Kamarajapuram	
8	86	Ayyanampakkam ROad	5 HP	Ayyanampakkam ROad	
9	90	Balaji Nagar	5 HP	Balaji Nagar	
10	91	Mogappari eri Scheme	5 HP	Mogappari eri Scheme	
11	92	Panner Nagar	5 HP	Panner Nagar	

Water stagnated streets in the previous monsoon - moderate rainfall

S. No	Ward	Name of the street
1	79	Name of the Street
2	79	Redhills Main road
3	79	Rajendra Prasad, Venkateswara Nagar
4	80	Banu Nagar 24th Avenue & Thirumalai priya Nagar
5	83	Devi Nagar
6	85	Pattravakkam road (SIDCO)
7	85	Tass Industrial Estate
8	86	TNHB Phase III
9	87	Cth road near Shell petrol Bunk
10	89	Round Building

Stagnation of water in streets due to sewer blocks

SI.No	Ward	Name of the Streets	No. of manholes	
1	82	DTP Colony	10	
2	84	Central Avenue	3	
3	91	Mogappair west TNHB 1st,2nd,3rd,6th & 7th	10	
J		Blocks in div 91	10	
4	92	10th , 11th, 12th Block	10	
5	93	Nakeeran salai, Industrial estate, Pugazhendhi salai,	15	
3	33	Vandiamman Kovil street, Periyar street	15	

Relief Centres

There are 15 relief centres to a total capacity of 7750 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

S.No.	Ward No	Capacity	Name &Address of relief centre available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in- charge (Designation)	Contact No.
			Chennai					Evacuation & Relief Material	Assistant Engineer	9445190379
			Middle School,		Y	Y		Sanitation	Sanitary Inspector	9445025879
1	79	1000	Gandhi Main Road	G.K. Street	e s	e ø	No	Food& Drinking Water	Assistant Revenue Officer	9952936676
			Chennai					Evacuation & Relief Material	Assistant Engineer	9445190380
			Middle School,	Bathava	Y e	Y e	Y e	Sanitation	Sanitary Inspector	9445025880
2	80	500	Chitorag- adam	chalam Street			S	Food& Drinking Water	Assistant Revenue Officer	9952936676
								Evacuation & Relief Material	Assistant Engineer	9445190381
3			Chennai Middle	Pan-	Y	Y		Sanitation	Sanitary Inspector	9445025881
	81	250	School, Saraswathi Nagar	duranga Nagar	e s	e s	No	Food& Drinking Water	Assistant Revenue Officer	9952936676
								Evacuation & Relief Material	Assistant Engineer	9445190382
			Redhills Main Road, Prabavathi		Y	Y		Sanitation	Sanitary Inspector	9445025881
4	82	200	mahal Kal- likuppam	D.T.P. Colony	e s	e s	No	Food& Drinking Water	Assistant Revenue Officer	9952936676
								Evacuation & Relief Material	Assistant Engineer	9445190383
			CPS & CHS School,NRS	NRS	Y	Y		Sanitation	Sanitary Inspector	9445025883
5	83	100	road, Agraharam, korattur	cross street	e s	e s	No	Food& Drinking Water	Assistant Revenue Officer	9952936676

S.No.	Ward No	Capacity	Name &Ad- dress of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsibili- ties	Officer in- charge (Desig- nation)	Contact No.
			Chennai Primary and		Y	Υ		Evacu- ation & Relief Material	Assistant Engineer	9445190384
6	84	100	High School, Chavadi st,	Korattur	e s	e s	No	Sanitation	Sanitary Inspector	9445025887
			korattur					Food & Drinking Water	Assistant Revenue Officer	9445190087
			Chennai		Y e s	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Evacu- ation & Relief Material	Assistant Engineer	9445190385
7	85	200 Primary School,	Primary	MKB Nagar		Y e	No	Sanitation	Sanitary Inspector	9445025886
			Ramapuram	J		S		Food & Drinking Water	Assistant Revenue Officer	9445190087
			Chennai	Annai Sathya		Y Y e e s s		Evacu- ation & Relief Material	Assistant Engineer	9445190386
8	86	500	Primary School,	Nagar, Ram	е		No	Sanitation	Sanitary Inspector	9445025886
			Vanagaram Main Road	Poor- nam Nagar	S			Food & Drinking Water	Assistant Revenue Officer	9444576365
			Chennai					Evacu- ation & Relief Material	Assistant Engineer	9445190387
9	9 87	600	Middle	Moorthy Nagar,	Y e s	Y e s	No	Sanitation	Sanitary Inspector	9445025887
		Nagar,			5		Food & Drinking Water	Assistant Revenue Officer	9444576365	

					City I	Disast	er Mana	agement Plan		GCC
S.No.	Ward No	Capacity	Name &Ad- dress of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facili- ties	Responsibili- ties	Officer in- charge (Desig- nation)	Contact No.
			Chennai Primary		Y	Y		Evacu- ation & Relief Material	Assistant Engineer	9445190388
10	88	100	School, Kalaivanar	Kalaivanar Nagar	e e s s	е	No	Sanitation	Sanitary Inspector	9445025887
			Nagar			S _	Food & Drinking Water	Assistant Revenue Officer	9444576365	
			Meenakshi		Y	Y		Evacu- ation & Relief Material	Assistant Engineer	9445190389
11	11 89 850 Scl	School, TVS Colony	Round Building	e s	e s	No	Sanitation	Sanitary Inspector	9445025887	
			1 vo odiony		5	3		Food & Drinking Water	Assistant Revenue Officer	9444576365
			Chen- nai High	Pillaiyar Koil street padik-	Y	ее	e No	Evacu- ation & Relief Material	Assistant Engineer	9445190393
12	93	850	School, Padikup- pam Main					Sanitation	Sanitary Inspector	9445910929
12	30	000	Road, Anna Nagar West Extn. Ch -101.	uppam	S			Food & Drinking Water	Assistant Revenue Officer	9444576365
				Dr.Ambedkar Nagar				Evacu- ation & Relief Material	Assistant Engineer	9445190391
13	13 92	200	Velammal mat.Hr.Sec. School		Y e s	Y e s	No	Sanitation	Sanitary Inspector	9445025893
								Food & Drinking Water	Assistant Revenue Officer	9444576365

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S.No.	Ward No	Capacity	Name &Address of relief centres avail- able	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation)	Contact No.
			Chennai	Padik-				Evacu- ation & Relief Material	Assistant Engineer Sanitary Inspector	9445190393 9445025893
14	93	850	Higher School, pa- dikuppam	uppam Pillaiyar Koil Street	Y e s	Y e s	No	Food & Drinking Water	Assistant Revenue Officer	9444576365



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Subways

There is subway in Division 84 Korattur Railway Station as of now available in Ambattur zone.7

SI. No.	Ward. No	Name of the Subway
1	84	Korature subway

Tree fall

During the last monsoon, in Ambattur zone totally 50 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI. No.	Ward. No	Name of the Streets	
1	79	V O C Street	2
2	79	Gandhi Street	3
3	79	Oragadam Road	2
4	80	Kuberaganapathi Street	2
5	80	Banu Nagar 4th Main Road	3
6	80	Bharathi Nagar 3rd Cross Street	2
7	81	South Park Street	4
8	81	M T H Road	3
9	82	Service Road	10
10	82	Vittal Street	2
11	82	Gnanamoorthi Nagar	1
12	83	Madhanankuppam Main Road	3
13	84	North Avenue Canal	1
14	86	Thirupathi Kodai Road	1
15	86	Kalaivanar main Road	2
16	86	ICF Colony Ayampakkam main Road	2
17	87	East Avenue Road	2
4.0	00	Golden Colony 1st 2nd	
18	89	3rd & 7th Main Road	11
19	89	Akshaya Colony 2nd Street	13
20	89	TVS Colony 44th, 50th & 53rd Street	16
21	89	TVS Colony 2nd Main Road	11
22	89	TVS Avenue Main Road	6
23	91	Kavimani Salai	2
24	91	Mugappair Eri Scheme Ist Main Road	2
25	91	Mogappair Eri Scheme 6th Main Road	6
26	91	Kambar Street (Part)	1

SI. No.	Ward. No	Name of the Streets	
27	92	Thiruvallur Salai	1
28	92	Pari Salai	1
29	92	Vellalar Street	2
30	92	Church Street	1
31	92 & 93	Venugopal Street	2
32	93	Valayapathi Salai	4
		Total	124

Streets - where water entered houses - do not require evacuation

During the last monsoon, 9 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2018 the under mentioned 9 locations were inundated from these areas were cleared by using 15 pumps ranging from 2 HP to 60 HP capacity. The identified vulnerable spots arev as below,

SI. No.	Ward	Name of the area/street
1	84	North Avenue Road and TNHB 26th Street to 60th Street
2	90	Golden Jubilee Falts Padikuppam Main Road
3	83	New Street, Dhathankuppam, Korattur
4	84	TNHB 25th Street, Korattur
5	85	Mangalapuram (Ambattur)
6	85	Bajanai Koil Street
7	85	Kullan Street
8	85	Nalla Kinaru Street
9.	85	Padasalai Street
10	85	Thulukathamman Koil Street
11	86	VGN Nagar
12	87	Padasalai Street, Padi
13	87	Amman Koil Street, Padi
14	88	Rukmani Street, Padi
15	91	Bharathi Street, Mogappair East
16	91	VGP Panneer Nagar 1st Cross Street, Mogappair East
10	31	Burner Salai, Mogappair East
17	93	Burner Salai, Mogappair East
18	91	Mogappair Block -I
		5th and 11th Street, Mogappair East

Streets that require evacuation

During the heavy flood that occurred in 2018, in Ambattur zone there were no one

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There is one number of Diesel Genset with movable mobile high mast, 5 nos of 2 KVA & 2 Nos of 3 KVA portable Generator available in the zone for emergency purpose. The details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

a		Contact person		
SI. No.	Ward	Designation	Phone number	
1	79 to 93	Assistant Executive Engineer	9445190047	
2	79,82	Assistant Engineer	9445477677	
3	83,84,85	Assistant Engineer	9445190934	
4	81,86,87,88	Assistant Engineer	9445191473	
5	89,90,92,93	Assistant Engineer	9445477678	
6	80,91	Junior Engineer	9445036570	

National Disaster Response Force

In Ambattur zone, there are no NDRF stationed locations

S.No	Ward. No.	Where NDRF to be stationed and de- ployed	Boats stationed Location	Contact person & Number
1	79 to 93	Nil	Zonal Office	Boat -8056250348

NDRF

The Commandant

04, Battalion(NDRF)

Suraksha Campus

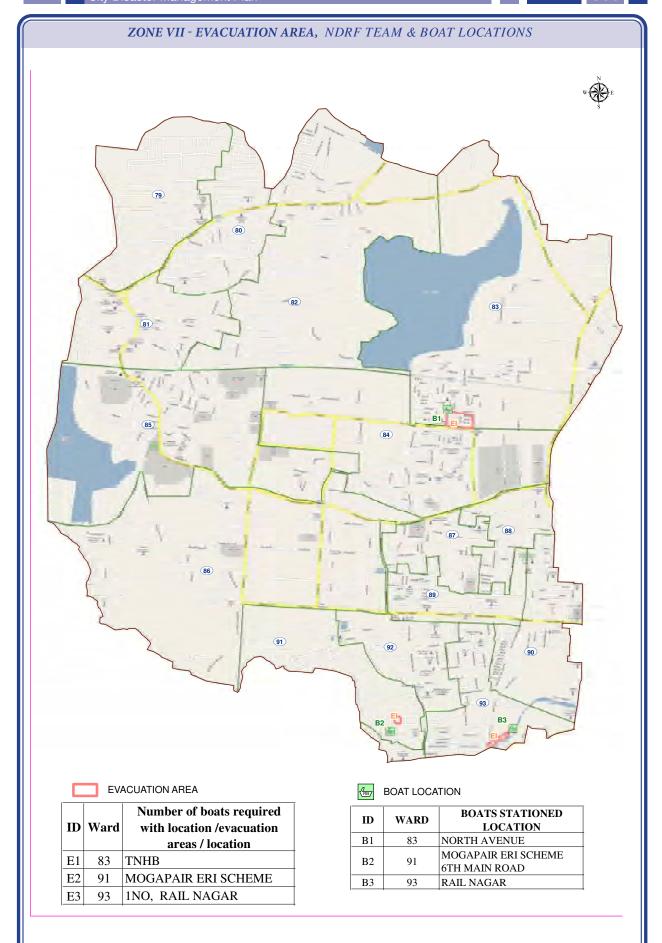
Takkolam, Arakkonam

Vellore District - 631 152

Phone No. 04177 - 246594/246269

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed are given below.



Transport Equipments & Lorries

For carting men and materials, removing garbage/debris, the following vehicles were deployed.

No. of lorries and type kept in readiness				
Big Compactor - 6				
Small Compactor - 10				
Auto – 2				
Debris lorry - 6				
Skid steer loaders (Bob cat) - 4				
(Front end loader) JCB - 1				
Water Lorry - 1				
Tricycle - 488				

Lorry Station - Assistant Engineer - 9445071023

Less than 2.5m streets / lanes that cannot be accessed by Vehicles

SI. No	Ward/ Name	Name of the Streets
1	80	Prakasam Garu street
2	85	Teachers colony 1st and 2nd cross street, Anna 1st and 2nd cross street, , kamarajapuram sivan koil street, vanji 1st and 2nd cross street
3	86	Annai sathya Nagar, Kamarajar Nagar (Mannurpet)
4	91	Mogappair west TNHB 1st,2nd,3rd,6th & 7th Blocks

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee - 79 Ward Councillor -9445467079

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190379
GCC - Electrical	Assistant Engineer	9445477677
GCC- Health	Sanitary Inspector	9445025880
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190579
GCC - Revenue	Tax Collector	9941281407
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930697
TANGEDCO	Assistant Engineer	9445850340
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 80 Ward Councillor -9445467080

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190380
GCC - Electrical	Junior Engineer	9445036570
GCC- Health	Sanitary Inspector	9445025880
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190580
GCC - Revenue	Tax Collector	9941281407
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930080
TANGEDCO	Assistant Engineer	9445850338
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee - 81

Ward Councillor -9445467081

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190381
GCC - Electrical	Assistant Engineer	9445191473
GCC- Health	Sanitary Inspector	9445025881
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190581
GCC - Revenue	Tax Collector	9710062949
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930081
TANGEDCO	Assistant Engineer	9445850339
BSNL	Assistant Engineer	9445147333
Fire service	Inspector	044-26418468
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9080595550
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 82 Ward Councillor -9445467082

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190382
GCC - Electrical	Assistant Engineer	9445477677
GCC- Health	Sanitary Inspector	9445025881
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190582
GCC - Revenue	Tax Collector	9600147606
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930082
TANGEDCO	Assistant Engineer	9445448947
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9080595550
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee - 83

Ward Councillor -9445467083

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190383
GCC - Electrical	Assistant Engineer	9445190934
GCC- Health	Sanitary Inspector	9445025883
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190583
GCC - Revenue	Tax Collector	9940613366
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930083
TANGEDCO	Assistant Engineer	9445850326
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601
Police station	Inspector	044-23452799
PWD	Assistant Engineer	8072425970
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Zone - 7 450

Ward committee – 84 Ward Councillor -9445467084

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190384
GCC - Electrical	Assistant Engineer	9445190934
GCC- Health	Sanitary Inspector	9445025887
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190584
GCC - Revenue	Tax Collector	9003272933
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930084
TANGEDCO	Assistant Engineer	9445850339
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601
Police station	Inspector	044-23452799
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 85

Ward Councillor -9445467085

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190385
GCC - Electrical	Assistant Engineer	9445190934
GCC- Health	Sanitary Inspector	9445025886
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190585
GCC - Revenue	Tax Collector	9884891156
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930085
TANGEDCO	Assistant Engineer	9445850331
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 86 Ward Councillor -9445467086

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190386
GCC - Electrical	Assistant Engineer	9445191473
GCC- Health	Sanitary Inspector	9445025886
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190586
GCC - Revenue	Tax Collector	9940070125
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930086
TANGEDCO	Assistant Engineer	9445448948
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-27950080
Police station	Inspector	044-23452797
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee - 87

Ward Councillor -9445467087

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190387
GCC - Electrical	Assistant Engineer	9445191473
GCC- Health	Sanitary Inspector	9445025887
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190587
GCC - Revenue	Tax Collector	7601090907
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930087
TANGEDCO	Assistant Engineer	9445850327
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-23452799
Police station	Inspector	044-26563629
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Zone - 7 452

Ward committee – 88 Ward Councillor -9445467088

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190388
GCC - Electrical	Assistant Engineer	9445191473
GCC- Health	Sanitary Inspector	9445910929
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190588
GCC - Revenue	Tax Collector	9884267278
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930088
TANGEDCO	Assistant Engineer	9445250330
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629
Police station	Inspector	044-23452753
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 89

Ward Councillor -9445467089

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llector	7358643468
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upervisor	9445194753
nt Engineer	8144930089
int Engineer	9445448325
int Engineer	9445015399
tor	044-23452753
tor	044-26563629
tor	044-23452749
nt Engineer	9710610897
nt Engineer	044-22358311
	9442984812
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453 Zone - 7

Ward committee – 90

Ward Councillor -9445467090

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190390
GCC - Electrical	Assistant Engineer	9445477678
GCC- Health	Sanitary Inspector	9445910929
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190590
GCC - Revenue	Tax Collector	9444249854
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930090
TANGEDCO	Assistant Engineer	9445448323
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629
Police station	Inspector	044-23452753
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 91

Ward Councillor -9445467091

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190391
GCC - Electrical	Assistant Engineer	9445036570
GCC- Health	Sanitary Inspector	9445025891
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190591
GCC - Revenue	Tax Collector	7397323500
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930091
TANGEDCO	Assistant Engineer	9445448335
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629
Police station	Inspector	044-23452748
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Zone - 7 454

Ward committee – 92 Ward Councillor -9445467092

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190392
GCC - Electrical	Assistant Engineer	9445477678
GCC- Health	Sanitary Inspector	9445025892
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190592
GCC - Revenue	Tax Collector	9043853058
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930092
TANGEDCO	Assistant Engineer	9445448322
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629
Police station	Inspector	044-23452748
PWD	Assistant Engineer	9710610897
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

Ward committee – 93 Ward Councillor -9445467093

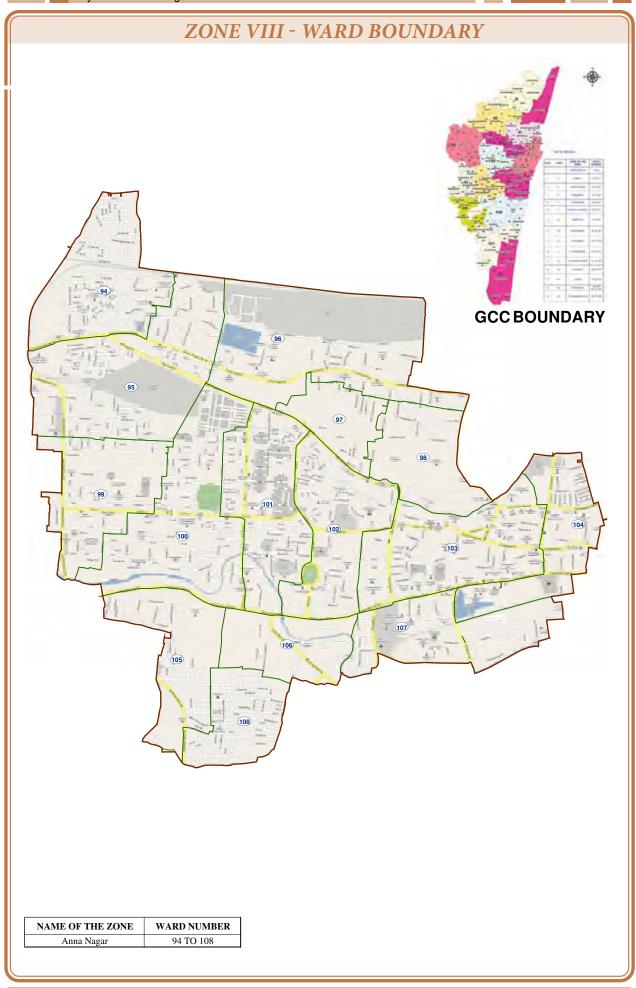
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190393
GCC - Electrical	Assistant Engineer	9445477678
GCC- Health	Sanitary Inspector	9445025893
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190593
GCC - Revenue	Tax Collector	944806952
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930093
TANGEDCO	Assistant Engineer	9445448323
BSNL	Assistant Engineer	9486101978
Fire service	Inspector	044-26563629
Police station	Inspector	9498100113
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

ZONE - VIII

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ANNANAGAR



Profile

The Anna Nagar zone lies in Latitude 13.0791°, Longitude 80.2279° and covering an area of 25.00 Sq.km.

There are 2369 roads, out of which 2319 roads to a length of 353.91 Km are Interior Roads, 50 Roads to a length of 41.41 Km are Bus Route Roads which are maintained by GCC and the remaining 2 roads are under the maintenance of Highways department.

The population is about 8.00 lakhs having Male population of 49.96% and Female population of 50.04 % in this zone. The most densed area in the zone is ward 95 with a population of 92565 and the least is ward 107 with a population of 23175. The Ward wise population is given below,

SI.No.	Ward No.	Total House Holds	Total Population
1	94	12304	49217
2	95	23141	92565
3	96	10163	40653
4	97	14903	59612
5	98	9207	36829
6	99	13712	54848
7	100	12040	48158
8	101	19588	78351
9	102	10754	43014
10	103	10399	41596
11	104	13712	54848
12	105	18508	74033
13	106	17550	70200
14	107	5794	23175
15	108	11182	44727
TOTAL		202957	811826

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate officers. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Ward No.	Contact Number
1	Chairman	94 to 108	9445467094 9283184848
2	Zonal Officer	94 to 108	9445190008

459 **Zone - 8**

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	94 to 100	9445467320
2	Executive Engineer-2	101 to 108	9445190028
3	Assistant Executive Engineer	Unit -21	9445190121
4	Assistant Executive Engineer	Unit -22	9445190122
5	Assistant Executive Engineer	Unit -23	9445190123
6	Additional Divisional Engineer, Electrical	94 to 108	9445190048
7	Assistant Executive Engineer, Mechanical	94 to 108	9445190489

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Conservany supervisor	Unit -21	9445191421
2.	Conservany supervisor	Unit -22	9445190422
3.	Conservany supervisor	Unit -23	9445191423

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit No.	Office Mobile Number
1	Zonal Health Officer	Zone VIII	9445190068
2	Veterinary Surgeon	Zone VIII	9445200612
3	Junior Entomologist	Zone VIII	9841320440
4	Sanitary Officer	Unit 21	9444231076
5	Sanitary Officer	Unit 22	9962526363
6	Sanitary Officer	Unit 23	9445190708

Parks

In this zone there are 41 Parks available in various locations such as Villivakkam, Ayanavaram, Anna nagar, Aminjikarai, Purasaivakkam & Kilpauk etc. . These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No.	Equipment available	Area of operation
1	Park Oversear 9445467388	Tree Pruner - 4 Petrol Saw– 25	Anna Nagar, Shenoy Nagar, Villivakkam, Ayanavaram, Kilpauk, Purasaiwalkam, Chetpet, Aminjikarai, Metha Nagar, Arumbakkam, MMDA Colony and Thirumangalam.

S.No	Ward No	Ward Name	Name / Location of the Park
1	94	Villivakam	Sidco Nagar 4th Main Road, Villivakkam,Ch-49
2	95	Villivakam	Thiru Nagar 13th Block 11th Street, Villivakkam, Chennai - 49.

S.No	Ward No	Ward Name	Name / Location of the Park	
3	96	Ayanavaram	United India Nagar (Jeeva Park),Ayanavaram, Chennai - 23.	
4	97	Ayanavaram	Pachaikal Veeraswamy Street, Ayanavaram, Chennai - 23.	
5	97	Ayanavaram	Vellala Street ,Ayanavaram, Chennai - 23.	
6	98	Ayanavaram	Konnur HIGH road (OSR land park), Ayanavaram, Chennai - 23.	
7	98	Ayanavaram	Thiruvallavur Nagar (Solaimman koil st), Ayanavaram, Chennai - 23.	
8	99	Purasaiwalkam	Nehru Park, PH Road	
9	99	Purasaiwalkam	True Value Homes, Bricklin Road, Purasaiwalkam	
10	99	Purasaiwalkam	True Value Homes, Bricklin Road, Purasaiwalkam	
11	99	Purasaiwalkam	Bricklin Road, Purasaiwalkam	
12	99	Purasaiwalkam	Bank Manickam Park, Purasaiwalkam	
13	100	Kilpauk	Bashyam Park,Junction of Taylors road & Halls Road,Kilpauk, Chennai - 10.	
14	100	Kilpauk	Air india park, Harleys Lane,Kilpauk, Chennai - 10.	
15	100	Kilpauk	Kences Park at EVR Lane,Kilpauk, Chennai - 10.	
16	100	Kilpauk	Prof.Subramaniam Park, Prof. Subramaniam Street, Kilpauk, Chennai - 10.	
17	101	Anna Nagar	G-Block Park, Anna Nagar East, Chennai - 102.	
18	101	Anna Nagar	Scatting Park, Pulla Avenue, Shenoy Nagar, Chennai - 30.	
19	101	Anna Nagar	Inner Circular road, Shenoy Nagar, Chennai - 30.	
20	102	Anna Nagar	2nd Main Road,Anna Nagar East ,Chennai - 102.	
21	102	Anna Nagar	Boganvilla Park, 6th Avenue, K Block, Anna Nagar East , Chennai - 102.	
22	102	Anna Nagar	C-Block, Pulla Avenue, Anna Nagar East , Chennai - 102.	
23	103	Anna Nagar	AD-Block Park 3rd Street, Anna Nagar,	
24	103	Anna Nagar	AL-Block 14th Main Road, Anna Nagar, Chennai - 40.	
25	103	Anna Nagar	7th main road, near amma unavagam (OSR Park), Anna Nagar, Chennai - 40.	
26	103	Anna Nagar	Dr.Visweswaraya Tower Park at 3rd Main Road, Anna Nagar, Chennai - 40.	
27	103	Anna Nagar	Tas Chellaiah Road, Anna Nagar, Chennai - 40.	
28	104	Anna Nagar	I-Block 2nd Street, Anna Nagar West, Chennai - 40.	
29	104	Anna Nagar	I-Block 38th Street, Anna Nagar West, Chennai - 40.	
30	104	Anna Nagar	W-Block 'C' Sector 2nd Street, Anna Nagar West,Chennai - 40.	
31	104	Anna Nagar	15th Main Road (BPCL), Ranganathan Garden, Anna Nagar, Chennai - 40.	

S.No	Ward No	Ward Name	Name / Location of the Park	
32	104	Anna Nagar	15th Main Road (R.B.I), Ranganathan Garden, Anna Nagar, Chennai - 40.	
33	106	Aminjikarai	MMDA Colony R Block	
34	107	Aminjikarai	Metal Factory Road, Aminjikarai	
35	107	Aminjikarai	Nelson Manickkam Road near MGM Health Care	
36	107	Aminjikarai	Nelson Manickam Road Near Sky Walk Building,Aminjikarai	
37	107	Aminjikarai	Nelson Manickam Road (115),Aminjikarai	
38	107	Aminjikarai	Nelson Manickam Road (Krishna building 116),Aminjikarai	
39	108	Chetpet	Mayor Sathyamurthy Salai, Chetpet, Chennai - 31.	
40	108	Chetpet	Mayor Ramanathan Salai Eastern Side, Chetpet, Chennai - 31.	
41	108	Chetpet	Mayor Ramanathan Salai(Near TB Hospital), Chetpet, Chennai - 31.	

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are 16 pumping stations available in Anna nagar zone. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping stations are given below,

SI. No.	Ward No	Pumping Station	Motor with HP	No. of pumps
1	94	Sidco Nagar 2nd Main Road	Diesel 14 HP - 2 Nos Diesel 5 HP - 1 No Petrol 5 HP - 1 No Diesel 25 HP - 1 No	5
2	94	North Jaganatha Nagar	Diesel 5HP-1 Diesel 10HP-1	2
3	95	Chennai Battai Road	Electrical 1 HP - 1 No	1
4	95	Agathiar Nagar	Diesel 10 HP - 1 No Diesel 5 HP - 1 No Electrical 1.5 HP - 1 No	3
5	98	Gandhi Nagar	Electrical 1 HP - 2 Nos	2
6	98	Konnur High Road	Diesel 5 HP - 2 Nos Diesel 7 HP - 2 Nos Diesel 25 HP - 1 No Petrol 5 HP - 1 No Submergible 25 HP - 1 No	7

SI. No.	Ward No	Pumping Station	Motor with HP	No. of pumps	
7	100	6th Avenue	Diesel 10 HP - 1 No	2	
8	102	AK Block 10th Main Road	Diesel 5 HP - 1 No Petrol 5 HP - 1 No	2	
9	102	Cemetry Road	Diesel 10 HP - 1 No	1	
10	103	A Block	Diesel 5 HP - 2 Nos	2	
11	104	Osanakulam	Nil	0	
12	105	Nehru Park	Diesel 5 HP - 2 No Diesel 10 HP - 1 No	3	
13	106	Sastri Nagar	Diesel 7.5 HP - 1 No Diesel 10 HP - 1 No Diesel 5HP - 1 No	3	
14	107	Gnana Vinayagar Koil Street	Nil	0	
15	108	Vinayagar Koil Street	Diesel 7.5 HP - 1 No	1	
	Total				

Tamil Nadu Slum Clearance Board tenements

There are 15 TNSCB tenements in Gandhi nagar, Pachaikal Veerasamy Street with a population of 26,984. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI. No.	Ward No.	Tenement location	No. of tenement	Population
1	96	Gandhi Nagar	2500	8000
2	97	Pachaikal Veeraswamy Street	900	3600
3	97	Periyar Salai	192	768
4	99	N.V.N Nagar	1024	5000
5	102	7th main Road (Brevery Road Tenements)	192	768
6	102	New Avadi Road (Dr. Ambedkar Nagar)	512	2048

SI. No.	Ward No.	Tenement location	No. of tenement	Population
7	102	Brewary Road	144	576
8	102	II nd Main Road (Annai Sathya Nagar)	288	1152
9	101	Cemetry Road	24	96
10	100	T.P.Chatiram	208	832
11	99	Nehru Park	288	1152
12	99	Osankulam	288	1152
13	108	Vembuliyamman Koil Tenements	144	720
14	108	Apparao Garden	36	160
15	108	MS Nagar Tenements	192	960
		TOTAL	6932	26984

Contact details

Name of the Organisation	Designation	Area	Contact No.
Conservancy/GCC	Conservancy Supervisor	U- 21	9445191421
Conservancy/GCC	Conservancy Supervisor	U-22	9445190606
Conservancy/GCC	Conservancy Supervisor	U-23	9445191423
Water Supply& Sewage / CMWSSB	Assistant Engineer	Area Engineer	8144930908
TNSCB	Executive Engineer	Zone VIII	9445074764

Water Bodies and Waterways

There are 2 Canals (1) Otteri Nullah maintained by PWD which originates from Villivakkam travels about 8.00 km within the zone upto Semmanpettai and disposes into Coovum river. (2) Virugambakkam canal maintained by PWD which touches the zone at Annai Sathya Nagar and travels about 9.00 km within the zone upto Aminjikarai and and disposes into Coovum River through Nelson Manikkam road.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 165.75 km to ease the flow of rain water.

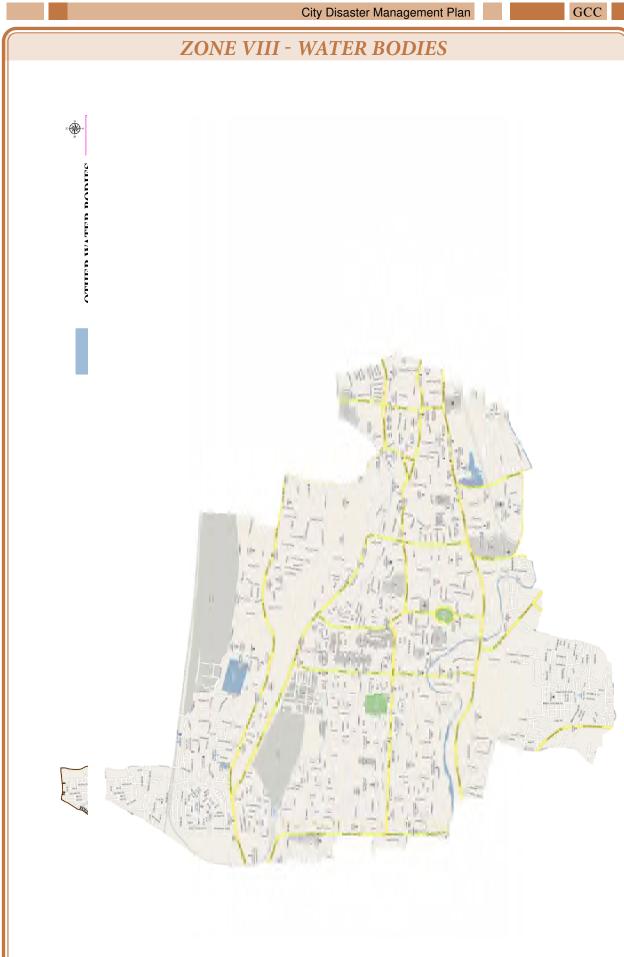
The details of various water bodies in this zone is listed below,

Canals & Rivers

SI. No	Name of the Water Course	Wards Covered	From	То	Length in km
1	Canal - Otteri Nullah	94, 95, 98, 99, 100, 101, 102, 103	Villivakkam	Semmanpettai	8.00
2	Vlirugambakkam Canal	105,106 &107	Thirukumarapuram	Aminjikarai	9.00
3	Coovum River	101,102,103, 104,107 & 108	Koyembedu	Chetpet	9.00

Other water bodies

S. No	Ward No.	Ward Name	Location	Area in M²
1	94	Villivakkam	Annai Sathya Nagar(Villivakkam Pond)	15 Acre
2	94	Villivakkam	Agatheeswaran Koil Street (Sivan Koil pond)	
3	94	Villivakkam	Damodharan Perumal Koil Street (Perumal Koil Pond)	750
4	95	Villivakkam	Thiruveethi Amman Koil Street (Valayan Kulam)	
5	96	Ayanavaram	Kasi Viswanathasamy Koil Pond, Ayanavaram	
6	97	Ayanavaram	Pond in Parasuramaeshwarar Koil Street	
7	103	Anna Nagar	Anna Nagar Tower Park Pond, 6th Main Road	5000
8	103	Anna Nagar	Anna Nagar Tower Park Pond, 6th Main Road	1160
9	103	Anna Nagar	Vaishnava College Pond, PH Road	
10	99	Purasaiwalakam	Pond in Gangadeeswarar Koil Street	
11	108	Purasaiwalakam	Chetpet Lake	15 Acre



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

642 storm water drains to a length of 161.47 km were constructed to ease the flow of rain water in Anna nagar zone. The details of SWD are given below.

SI. No.	Ward No./ Name	No. of Drains	Length in km
1	94	52	12.72
2	95	55	12.25
3	96	9	4.31
4	97	24	4.95
5	98	25	6.11
6	99	24	5.83
7	100	47	14.41
8	101	26	6.12
9	102	63	17.74
10	103	51	24.67
11	104	113	23.34
12	105	35	7.20
13	106	36	7.47
14	107	52	8.14
15	108	33	6.88
TOTAL		645	162.14

Water stagnated streets in the previous monsoon - heavy rain

During the last monsoon, 29 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnations and the actions taken to dispose the rain water in each location is as below,

S. No	Ward	Streets where inunda- tion seen	Capacity of pumps	Location of pumps	Disposal point
1	95	Thanthoniamman Koil Street	7.5 HP	Thanthoniamman Koil Street	SWD
2	95	Welcome Colony	7.5 HP	Welcome Colony	SWD
3	95	Vijayalakshmipuram 1 to 3 Streets & Thantho- niamman Extn., lane	7.5 HP	Vijayalakshmipuram 1 to 3 Streets & Thanthoniamman Extn., lane	SWD
4	95	Bajanai Koil Street	7.5 HP	Bajanai Koil Street	SWD
5	96	Konnur High Road		Konnur High Road	SWD
6	96	Kakkanji Nagar & Gan- dhi Nagar	10 HP	Kakkanji Nagar & Gandhi Nagar	SWD
7	97	Veerasamy Main Street	7.5 HP	Veerasamy Main Street	SWD
8	97	P.E.Koil West Mada Street	3 HP	P.E.Koil West Mada Street	SWD
9	103	AD Block		AD Block	SWD
10	102	C Block	7.5 HP	C Block	SWD
11	102	W Block		W Block	SWD
12	102	Bharathipuram Main Street	7.5 HP - 2	Bharathipuram Main Street	SWD
13	102	Bharathipuram 4th Street	7.5 HP - 2	Bharathipuram 4th Street	SWD
14	102	F Block 2nd & 4th Street	7.5 HP - 2	F Block 2nd & 4th Street	SWD
15	102	Muthumariamman Colony	7.5 HP -2	Muthumariamman Colony	SWD
16	100	Millers Road	10 HP, 17.5 HP	Millers Road	SWD
17	100	Purasaiwalkam High Road (near Law Col- lege)	7.5 HP, 7.5 HP - 3	Purasaiwalkam High Road (near Law Col- lege)	SWD
18	100	Rajarathinam Street	7.5 HP	Rajarathinam Street	SWD
19	100	Kellys Road	7.5 HP – 2, 5 HP	Kellys Road	SWD
20	99	Sundaram Lane	7.5 HP	Sundaram Lane	SWD

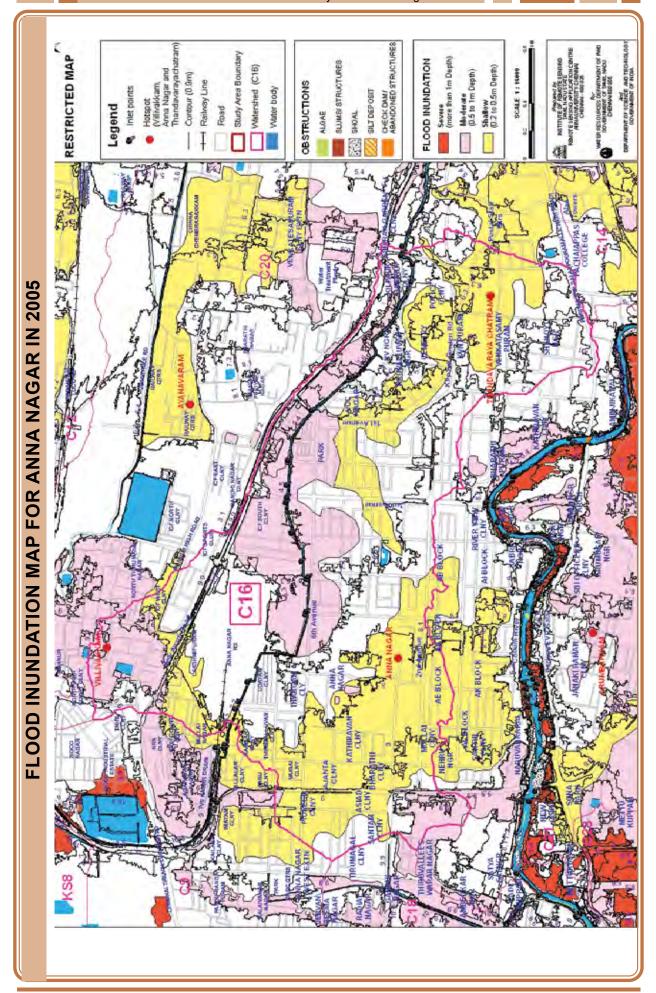
S. No	Ward	Streets where inunda- tion seen	Capacity of pumps	Location of pumps	Disposal point
21	99	Osone Kulam Tene- ments	40 HP	Osone Kulam Tene- ments	SWD
22	99	New Bhoopathy Nagar	7.5 HP	New Bhoopathy Nagar 7 th street	SWD
23	99	Sastri Nagar	7.5 HP	Sastri Nagar	SWD
24	99	Lawders Gate Main Road	5 HP	Lawders Gate Main Road	SWD
25	99	Shanmugarayan Street 5 HP Shanmugarayan Street			SWD
26	105	Water Tank Road	10 HP - 2	Water Tank Road	SWD
27	108	MC Nichols 3rd Lane	5 HP	MC Nichols 3rd Lane	SWD
28	106	lyyappa Nagar	5 HP	lyyappa Nagar	SWD
29	106	Periyar Pathai	3 HP	Periyar Pathai	SWD



Ward 103, Purasaivakkam High Road

Ward 103, Millers Road

Anna university has mapped the areas inundated in this zone during 2005 flood by crowd source method, the picture of the same is given below. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.



INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE LEGEND FIELD POINTS - ROAD **ZONE BOUNDARY** SCALE 1:26,000 **NON-INUNDATION INUNDATION**

INUNDATION EXTENT ON 7TH DECEMBER 2015 **BASED ON RISAT MICROWAVE SATELLITE LEGEND FIELD POINTS** - ROAD **ZONE BOUNDARY** SCALE 1:26,000 **NON-INUNDATION INUNDATION**

ZONE VIII ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMPS





Water stagnated streets in the previous monsoon - Mild rain

S.No.	Ward	Name of the Street	
1	95	Ishwarya Kudiruppu	
2	95	Seeyalam Street	
3	97	P.E Koil West Mada street	
4	102	Bharathipuram 4th Street	
5	102	F Block 2nd & 4th Street	
6	102	Muthumariamman Colony	
7	101	New Avadi Road	
8	101	Pulla Avenue (from PH road to 1st cross street)	
9	100	Kellys road	
10	100	Taylors Road	
11	100	Umayal Street	
12	100	Temple Street	
13	99	Sundaram Lane	
14	99	Ozone Kulam Tenements	

Water stagnated streets in the previous monsoon - Moderate rain

S.No.	Ward	Name of the Street	
1	95	Narayana Maistry 2 nd street	
2	96	Kakkanji Nagar & Gandhi nagar	
3	97	Veerasamy main street	
4	97	Solai 3 rd street	
5	101	1st Main Road East	
6	101	Kilpauk Garden Road	
7	102	1st Avenue	
8	105	Water Tank Road	

Stagnation of water in streets due to sewer blocks

SI. No.	Ward No./Name	Name of the Streets	No. of Manholes
1	96/Ayanavaram	Gandhi Nagar	8
2	97/Ayanavaram	Vellala Street	2
3	98/Ayanavaram	Old Burial Ground Road	2
4	101/Aminjikarai	Pullapuram	5
5	100/Kilpauk	Purasaiwalkam High Road	2
6	100/Kilpauk	Barnaby Road	1
7	100/Kilpauk	Flowers Road	2
8	99/Purasaiwalkam	Sundaram Lane	3
9	99/Purasaiwalkam	Sastri Nagar	5
		Total	30

Relief Centres

There are 11 relief centres to a total capacity of 8435 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

SI. No.	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsi- bilities	Officer in-charge	Contact No.
				Singaram Pillai school, Annai Sathya Nagar,				Sanitation, Medicine	SI	9445025897
		050	Pillai school,			,,		Evacuation	AE	9445190394
1	1 94 850	850	CMS, West Mada Street, Villivakkam	Amman Kuttai and BharathiNagar	Yes	Yes	es No	Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190394
						s Yes		Sanitation, Medicine	SI	9791023580
		500	Kangadurga School	Vijayalakshmipuram, Welcome Colony, Bajanai koil street, Thanthoniamman koil street				Evacuation	AE	9445190395
2	95				Yes		No	Food & Drinking water	ARO	9445190088
				3.1001				Relief Materials	AE	9445190395

Cit	/ Disaster	Management Plan
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GCC

SI. No.	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No.
			Nar of r	i, g	Dri		Coo	Res		O
								Sanitation, Medicine	SI	9786340231
3	97	200	CPS,Vellala	Pachaikal Veeraswamy Housing	Yes	Yes	No	Evacuation	AE	9445190397
	97	200	Street	Board,Periyar Salai Housing Board	165	163	INO	Food & Drinking water	ARO	8825892640
									AE	9445190397
								Sanitation, Medicine	SI	9791023580
4	98	200	CPS,Palavayal Street	Tagore Nagar	Yes	Yes	No	Evacuation	AE	9445190398
•	90	200	Or O,r alavayal Offeet	ragore magar	165	163	No	Food & Drinking water	ARO	9884474269
									AE	9445190398
								Sanitation, Medicine	SI	9791023580
_	00	150	Aspiran Garden,	NSK Nagar	Yes	Yes	No	Evacuation	AE	9445190398
5	5 99							Food & Drinking water	ARO	9884474269
								Relief Materials	AE	9445190398
		98 200	Community 0 Hall,Lockma	Lockma Nagar,			s No	Sanitation, Medicine	SI	9791023580
					Yes	Yes		Evacuation	AE	9445190398
	5 98 2		Nagar	Pumping Station	168	168	INO	Food & Drinking water	ARO	9884474269
								Relief Materials	AE	9445190398
								Sanitation, Medicine	SI	9600482735
7	99	200	CHSS, Gangadeeshwara	Sundram	Yes	Yes	No	Evacuation	AE	9445190399
,	33	200	Koil Street	Street,Shasthri Nagar	163	163	110	Food & Drinking water	ARO	8825892640
								Relief Materials	AE	9445190399
								Sanitation, Medicine	SI	9841114261
8	100	100	CHS, Thiyagappa		Yes	Yes	No	Evacuation	AE	9445190400
	100	100	Street	T P Chatiram	165	165	INO	Food & Drinking water	ARO	8825892640
								Relief Materials	AE	9445190400
			Girls Hr Sec School, Pulla					Sanitation, Medicine	SI	9445025896
	101	600	Avenue, Manjakollai	Manjakollai	Vac	Vac	Nic	Evacuation	AE	9600482735
9	101	600	Kathiravan Colony, Gujji	Kathiravan Colony, Gajalakshmi Colony	Yes	Yes	No	Food & Drinking water	ARO	9445190088
			Corporation Middle School					Relief Materials	AE	9445190401

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GCC

SI. No.	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No.
								Sanitation, Medicine	SI	8072970991
			CPS,Brewery					Evacuation	AE	9445190402
10	102	100	Salai	Bharathipuram,	Yes	Yes	No	Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190402
								Sanitation, Medicine	SI	8072464098
l			CPS,Natthamuni Street,	Moovendar Nagar,				Evacuation	AE	9445190403
11	103	100	Naduvankarai	MGR Nagar	Yes	Yes	No	Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190403
								Sanitation, Medicine	SI	8072464098
10	100	100	CPS,NSK Nagar	Nsk Nagar	Yes	Yes	s No	Evacuation	AE	9445190403
12	103	100						Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190403
				Sathya Sai Nagar		Yes	s No	Sanitation, Medicine	SI	8072464098
10	404	000	Evangulate		Yes			Evacuation	AE	9445190404
13	104 300	300	300 Church,V R Mahal					Food & Drinking water	ARO	9884474269
								Relief Materials	AE	9445190404
								Sanitation, Medicine	SI	9543173714
	405	450	C Block, MMDA					Evacuation	AE	9445190405
14	105	150	Middle School	Ashoka Street	Yes	Yes	No	Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190405
								Sanitation, Medicine	SI	9543173714
			Community					Evacuation	AE	9445190405
15	105	500	Hall,MMDA Colony	MMDA Colony	Yes	Yes	No	Food & Drinking water	ARO	9445190088
								Relief Materials	AE	9445190405
								Sanitation, Medicine	SI	9841114261
1.5	400	000	CHS,	Avvai puram,Mayor Sathyamoorthy Salai,Appa rao Garden		Yes	es No	Evacuation	AE	9445190408
16	108	8 200	Subburayan Street		Yes			Food & Drinking water	ARO	9884474269
								Relief Materials	AE	9445190408



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Subways

There are 2 subways in this zone namely Villivakkam and Harrington subway. The electrical pumps and diesel pumps are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No.	Name	Length of the subway in "m"	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Ward 94, Villivakkam Subway	650	SWD	2 – 12 HP, 4 – 10 HP
2	Ward 108, Harrington Subway	300	Coovum River	2– 10.5 HP(Diesel), 4 – 7.5 HP (Submergible) 2 – 10.5 HP (Electrical Monoblock) 1 – 5 HP



Ward 107, Harrington Poad Subway



Ward 94, Villivakkam Subway

Tree fall

During the last monsoon, in Anna nagar zone totally 138 trees/ tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.	Ward No./Name	Name of the Streets
1	94/Villivakkam	North Red Hills Road, Baba Nagar, M.T.H. Road., Annai Sathya Nagar, North Sivan Koil Street, Baba Nagar 1st Main Road, North Jaganatha Nagar 2nd Street, North Jaganatha Nagar 8th Street, Valliammal Nagar, Bharathi Nagar
2	95/Villivakkam	20th Main Road, Agathiar Nagar 6th Street, Agathiar Nagar 3rd Street, Kumarasamy Nagar, I Block 36th Street, Thiruveethiamman Koil Street, Sannathi Street, New Avadi Road, I Block 7th Street, 21st Main Road, 18th Main Road, Mullai Nagar 3rd Street, Rajiv Gandhi Nagar 2nd Street, Thanthoni Amman Koil Street, Narayana Maistry 2nd Street, Bajanai Koil Street, Vasantham Colony 1st Street, MTH Road
3	96/Ayanavaram	United India Nagar 1st Cross Street, V.P.Colony 1st Cross Street, Konnur High Road near Railway quarters, Gandhi Nagar, NMK Street
4	97/Ayanavaram	Thanthai Periyar Nagar, P.E.Koil Street, Palayam pilai Nagar, Vellala Street, Kamaraj Street, Chakravarthy Nagar
5	98/Ayanavaram	Police Manickam Street, VP Colony Extn.,, Aspiran Garden 1st Street
6	99/Anna Nagar	J Block 8th Street, J Block 4th Street, Z Block 13th Street, U Block 10th Street, NVN Nagar, TV Nagar, H Block 4th Street, Mangalam Colony, PWD Quarters, H Block 5th Street, School Road

SI.	Ward No./Name	Name of the Streets			
No.					
7	100/Anna Nagar	5th Avenue, S Block 21st Street, S Block 2nd Street, 5th Main Road, 2nd Avenue			
8	101/Anna Nagar	6th Avenue, 2nd Main Road, Brewary Road, 3rd Avenue, Block, T Block 1st Street, T Block 8th Street, F Block 20t Street, Q Block			
9	102/Aminjikarai	Mandapam Road, Pulla Avenue, 1st Avenue, 1st Main Road, Kilpauk Garden Road, Jothiammal Nagar, TP Chatram Main Road, R.V.Nagar Main Road, RV Nagar 3rd Street, RV Nagar 4th Street, RV Nagar 5th Street, VOC Colony			
10	103/Kilpauk	Kellys Road, Millers Road, Purasaiwalkam High Road (near Law College Hostel), Harleys Road (near Bala Vihar School), Dhamodaran Street			
11	104/Pura- saiwalkam	Sundaram Lane, New Bhoopathy Nagar, Ozone kulam, Dr.Alagappa Road			
12	105/Arumbakkam	Thirukumarapuram 3rd Street, Anna Street, Venkata Krishna Nagar, Water Tank Road, Annai Sathya Nagar, Kalki Nagar, Ashoka Street			
13	107/Aminjikarai	Metha Nagar, Vallalar Street, Indira Gandhi Street			
14	108/Chetpet	Dr.Gurusamy Bridge (Opposite to Ega Theatre), Mc Nichols Road			
15	106/ MMDA Colony	MGR 4th Street & Andavar Street, Ko.Su.Mani Street, Periyar Pathai, Andavar Street, Kannagi Street, Kamaraj Nagar 4th Street, Sidco Street, Nehru Street			

Streets -water entered houses - do not require evacuation

During the last monsoon, 27 inundated spots where water entered houses but do not require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 27 locations were inundated for more than a day by which the normal day to day activity of 369 people were standstilled. Flood water from these areas were cleared by using 29 pumps ranging from 2 HP to 7.5 HP capacity. The identified vulnerable spots is as below,

SI. No.	Mord No /Norse	Streets where water enters house - not		
SI. NO.	Ward No./Name	require evacuation		
1	97/Ayanavaram	Veerasamy Main Street		
2	97/Ayanavaram	P.E.Koil West Mada Street		
3	97/Ayanavaram	Solai 3rd Street		
4	103/Anna Nagar	AD Block		
5	102/Anna Nagar	C Block		
6	102/Anna Nagar	W Block		
7	102/Anna Nagar	Bharathipuram Main Street		
8	102/Anna Nagar	Bharathipuram 4th Street		
9	102/Anna Nagar	F Block 2nd & 4th Street		
10	102/Anna Nagar	Muthumariamman Colony		
11	100/Kilpauk	Millers Road		
12	100/Kilpouk	Purasaiwalkam High Road (near Law		
12	100/Kilpauk	College)		
13	100/Kilpauk	Rajarathinam Street		
14	100/Kilpauk	Kellys Road		
15	100/Kilpauk	Taylors Road		
16	100/Kilpauk	Umayal Street		
17	100/Kilpauk	Temple Street		
18	99/Purasaiwalkam	Sundaram Lane		
19	99/Purasaiwalkam	Osone Kulam Tenements		
20	99/Purasaiwalkam	New Bhoopathy Nagar		
21	99/Purasaiwalkam	Sastri Nagar		
22	99/Purasaiwalkam	Lawders Gate Main Road		
23	99/Purasaiwalkam	Shanmugarayan Street		
24	105/Arumbakkam	Water Tank Road		
25	108/Chetpet	MC Nichols 3rd Lane		
26	106/MMDA Colony	lyyappa Nagar		
27	106/MMDA Colony	Periyar Pathai		

483 **Zone - 8**

Streets that require evacuation

During the heavy flood that occurred in 2015, in Anna nagar zone 20,555 people were evacuated from Arumbakkam, Aminjikarai, Anna nagar, Villivakkam, Chetpet and they were accomodated in Schools, Anganvadi and marriage hall. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details are given below.

SI No	Ward No./Name	Streets	No. of persons	Years	Relief centre
1	94/ Villivakkam	Annai sathya nagar, Amman kuttai and Bharathi Nagar	1600	2015-16	Singaram Pillai School, Jain Kalyana Mandapam, Chennai Middle School, West Mada Street, Villivakkam)
2	95/ Villivakkam	Vijayalakshmipuram, Welcome Colony, Bajanai Koil Street, Thanthoniamman Koil Street	1200	2015-16	Kanagadurga School
3	96/ Ayanavaram	Kakkanji Nagar, Gandhi Nagar	2000	2015-16	Chennai High School, Vellala Street
4	99/ Anna Nagar	Sathyasai Nagar	300	2015-16	Sathyasai Nagar Church
5	100/ Anna Nagar	Dr.Radha Krishnan Nagar, MGR Colony, Melnaduvankarai, Indira Nagar, Brewery Road, NSK Nagar	2870	2015-16	Kamalammal Thirumana Mandapam, MGR Colony, Anganwadi, Melnaduvankarai, Anganwadi, Old Age Home,Anna Adarsh College, Chennai Primary School, Nathamuni Street, Chennai Primary School, NSK Nagar)
6	101/ Anna Nagar	Bharathipuram, Muthumariamman Colony, Muthumariamman Koil Street, AB Block	585	2015-16	Thiru.Vi.Ka Higher Secondary School, Periakoodal Corporation School, Anna Sidha Hospital, Sundaravadanam School, Kandasamy Naidu College
7	102/ Aminjikarai	Manjakollai, Kathiravan Colony, Gajalakshmi Colony,	8000	2015-16	Girls Higher Secondary School, Pulla Avenue, Manjakollai, Kathiravan Colony Chennai Middle School, Gujji Corporation Middle School
8	105/ Arumbakkam	Ashoka Street	2000	2015-16	C Block , MMDA Middle School

SI No	Ward No./Name	Streets	No. of persons	Years	Relief centre
9	106/ Aminjikarai	Kakkan Nagar	1000	2015-16	Metha Nagar Higher Secondary School,Corporation Middle School, Aminjikarai, Amman Koil Mandapam
10	107/Chetpet	Apparao Garden, Avvaipuram, Jothiammal Nagar	1000	2015-16	CMS, Mc Nichols Road, CHHS, Subbarayan Street
		Total	20555		

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There are 12 battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

SI.	\\\	Contact per	son
No.	Ward	Designation	Phone number
1	94, 95,104	Assistant Engineer	9445190935
2	96,97,98	Assistant Engineer	9444577697
3	99,100	Assistant Engineer	9445191462
4	101,108	Junior Engineer	9445190938
5	102,103	Assistant Engineer	9445190937
6	105,106,107	Assistant Engineer	9445190936
7	94 to 108	Additional divisional Engineer (Zone)	9445190048
8	94 to 108	Divisional Engineer (HQ)	9445190754

National Disaster Response Force(NDRF)

In Anna nagar zone, the NDRF to be stationed locations is given below,

SI.No.	Ward No.	Where NDRF to be stationed and deployed
1	94	CMS,North Mada Street, Villivakkam
2	102	Amma Arangam

NDRF

The Commandant
04, Battalion(NDRF)
Suraksha Campus
Takkolam, Arakkonam
Vellore District – 631 152
Phone No. 04177 – 246594/246269



Ward 94, Sidco Nagar

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

SI. No.	Ward No.	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact No
1	94	Sidco Nagar – 5 Nos.	MTH Road	Assistant Engineer
				9445190394
2	102	Bharathipuram, PP Thottam, - 5	3 rd Avenue	Assistant Engineer
		Nos.		9445190402
3	101	Kathiravan Colony, Gajalakshmi Colony, Manjakollai, VOC Colony, -	Kilpauk Gar- den	Assistant Engineer
		5 Nos.		9445190401

Zone - 8 486

ZONE VIII EVACUATION AREA, NDRF TEAM & BOAT LOCATIONS



NDRF TEAM

	NDRF TEAM			
ID	Ward No.	Where NDRF to be stationed and deployed		
N1	94	CMS,North Mada Street, Villivakkam		
N2	N2 101 Amma Arangam			



EVACUATION AREA

Ward

94

101

ID E1

E2

ЕЗ

EVACUATION AREA		
Number of boats required with location		
/evacuation areas / location		
Sidco Nagar – 5 Nos.		
Bharathipuram, PP Thottam, - 5 Nos.		
Kathiravan Colony, Gajalakshmi Colony,		
Manjakollai, VOC Colony, - 5 Nos.		

BOAT LOCATION

ID	Ward	Boats stationed Location	
B1	94	MTH ROAD	
B2	101	3RD AVENUE	
В3	102	KILPAUK GARDEN	

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 10 debris lorries, 6 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available in this zone are given below

No. of lorries and type kept in readiness		
Debris lorry	- 10	
Skid steer loaders (Bob cat)	- 6	
(Front end loader) JCB	- 1	

Assistant Engineer	JCB Bobcat		Open lorry	Water tanker	Hydraulic
contact No.	OOD	Boboat	opon lony	Lorry	Ladder
9444150966	1	3	6	1	-

Less than 2.5 m streets that cannot be accessed by Vehicles

SI.No. Ward No./Name		Ward No./Name	Name of the Streets	
	1.	101/Anna Nagar	PP Thottam	
2 101/Anna Nagar		101/Anna Nagar	MM Colony	

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of ward committee and other line departments are as follows.

Ward committee - 94 9445467094

Ward Councillor -

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190394
GCC - Electrical	Assistant Engineer	9445190935
GCC- Health	Sanitary Inspector	9445025897
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190594
GCC - Revenue	Tax Collector	9840552973
Revenue	Revenue Inspector	9384094057
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930094
TANGEDCO	Assistant Engineer	9445850869
BSNL	Assistant Engineer	9445390397
Fire service	Inspector	9445086070
Police station	Inspector	V1- 9444080989
PWD	Assistant Engineer	V4-9498140657
TNSCB	Assistant Engineer	8015396488
Highways	Executive Engineer	6381728841
Highways	Divisional Engineer	9361600039

Zone - 8 488

Ward Councillor - 9445467095

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190395
GCC - Electrical	Assistant Engineer	9445190935
GCC- Health	Sanitary Inspector	9791023580
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC - Solid waste management	Conservancy Inspector	9445190595
GCC - Revenue	Tax Collector	9940499680
Revenue	Revenue Inspector	9384094057
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930095
TANGEDCO	Assistant Engineer	ICF-9445850866
BSNL	Assistant Engineer	VILLIVAKKAM- 9445850867
Fire service	Inspector	9445390397
Police station	Sub inspector	V1- 9444080989 V5-9444864889 K7- 9498141585
PWD	Assistant Engineer	8015396488
TNSCB	Assistant Engineer	6381728841
Highways	Executive Engineer	9361600039

Ward committee - 96

Ward Councillor - 9445467096

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190396
GCC - Electrical	Junior Engineer	9445477697
GCC- Health	Sanitary Inspector	8072970991
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190596
GCC - Revenue	Tax Collector	9789800407
Revenue	Revenue Inspector	9384094058
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930096
TANGEDCO	Assistant Engineer	9445850868
BSNL	Assistant Engineer	9444000567
Fire service	Inspector	9445086070
Police station	Inspector	K7- 9498141585 K2- 9498107725
PWD	Assistant Engineer	8015396488
TNSCB	Assistant Engineer	6381728841
Highways	Executive Engineer	9361600039

Contact Number

Ward committee - 97

Ward Councillor - 9445467097

Name of the department	Designation	Contact Number
GCC - Engineering	Junior Engineer	9445190397
GCC - Electrical	Junior Engineer	9445477697
GCC- Health	Sanitary Inspector	9786340231
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190597
GCC - Revenue	Tax Collector	9444249854
Revenue	Revenue Inspector	9384094058
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930097
TANGEDCO	Assistant Engineer	9445850868
BSNL	Assistant Engineer	9444000567
Fire service	Inspector	9445086070
Police station	Inspector	K2- 9498107725
PWD	Assistant Engineer	8015396488
TNSCB	Assistant Engineer	9789996209
Highways	Executive Engineer	9361600039

Ward committee - 98 Ward Councillor - 9445467098

Name of the department

GCC - Engineering Junior Engineer 9445190398 GCC - Electrical Junior Engineer 9445477697 GCC- Health Sanitary Inspector 9791023580 GCC - Veterinary Veterinary Assistant Surgeon 9445200612 GCC-Solid waste management Conservancy Inspector 9445190598 GCC - Revenue Tax Collector 9080633821

Designation

Revenue Revenue Inspector 9384094058 GCC - Park overseer Park Supervisor 9445467388 **CMWSSB** Assistant Engineer 8144930098 **TANGEDCO** Assistant Engineer 9445850868 **BSNL** Assistant Engineer 9444000567 9445086070 Fire service Inspector Police station K2-9498107725 Inspector **PWD** 8015396488 Assistant Engineer **TNSCB** Assistant Engineer 9789996209 **Executive Engineer** Highways 9361600039

Ward Councillor - 9445467099

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190399
GCC - Electrical	Assistant Engineer	9445191462
GCC- Health	Sanitary Inspector	9600482735
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190599
GCC - Revenue	Tax Collector	9841429704
Revenue	Revenue Inspector	9384094028
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930099
TANGEDCO	Assistant Engineer	9445850724
BSNL	Assistant Engineer	9444000567
Fire service	Inspector	9445086065
Police station	Inspector	G3- 9498109761
PWD	Assistant Engineer	8015396488
TNUHDB	Assistant Engineer	6381728841
Highways	Executive Engineer	9361600039

Ward committee - 100

Ward Councillor - 9445467100

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190400
GCC - Electrical	Assistant Engineer	9445191462
GCC- Health	Sanitary Inspector	9841114261
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190600
GCC - Revenue	Tax Collector	9840189034/
Revenue	Revenue Inspector	9499932744
GCC - Park overseer	Park Supervisor	9384094031
CMWSSB	Assistant Engineer	9445467388
TANGEDCO	Junior Engineer	8144930100
DONI	Assistant Engineer	9445850722,
BSNL	Assistant Engineer	9445850723
Fire service	Inspector	9444000567
Delice station		G3-9498109761
Police station	Inspector	K6- 9600138557
PWD	Assistant Engineer	8015396488
TNSCB	Assistant Engineer	6381728841
Highways	Executive Engineer	9361600039

Ward Councillor - 9445467101

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190401
GCC - Electrical	Assistant Engineer	9445190938
GCC- Health	Sanitary Inspector	9600482735
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190601
GCC - Revenue	Tax Collector	9941281407
Revenue	Revenue Inspector	9384094031
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930101
TANGEDCO	Junior Engineer	9445850296
BSNL	Assistant Engineer	9444000567
Fire service	Inspector	7639941189
Police station	Inspector	9840840303-K4, 9940574409-K3, 9600138557-K6
PWD	Assistant Engineer	8015396488 7305550924
TNSCB	Assistant Engineer	6381728841
Highways	Executive Engineer	9361600039

Ward committee - 102

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190402
GCC - Electrical	Assistant Engineer	9445190937
GCC- Health	Sanitary Inspector	8072970991
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190602
GCC - Revenue	Tax Collector	9444305316
Revenue	Revenue Inspector	9384094052
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930102
TANGEDCO	Junior Engineer	9445850296
BSNL	Assistant Engineer	9445390397
Fire service	Inspector	7639941189
Delice station	Inspector	9840840303-K4,
Police station		9940574409-K3
DWD	A i - t t - F i	8015396488
PWD	Assistant Engineer	7305550924
TNSCB	Assistant Engineer	9940866179
Highways	Executive Engineer	807380917

Zone - 8 492

Ward Councillor - 9445467103

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190403
GCC - Electrical	Assistant Engineer	9445190937
GCC- Health	Sanitary Inspector	8072464098
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190603
GCC - Revenue	Tax Collector	7550356572/ 7358643468
Revenue	Revenue Inspector	9384094052
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930103
TANGEDCO	Junior Engineer	9445850294
BSNL	Assistant Engineer	9445390397
Fire service	Inspector	7639941189
		9840840303-K4,
Police station	Inspector	9940574409-K3
		K8- 9941310100
DWD	Assistant Franciscon	8015396488
PWD	Assistant Engineer	7305550924
TNSCB	Assistant Engineer	9940866179
Highways	Executive Engineer	9361600039

Ward committee - 104

Ward Councillor - 9445467104

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190404
GCC - Electrical	Assistant Engineer	9445190935
GCC- Health	Sanitary Inspector	8072464098
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190604
GCC - Revenue	Tax Collector	9380182879
Revenue	Revenue Inspector	9384094052
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930099, 8144930104
TANGEDCO	Junior Engineer	9445850292
BSNL	Assistant Engineer	9445390397
Fire service	Inspector	7639941189
Police station	Inspector	V5 - 9444864889
PWD	Assistant Engineer	8015396488
	Thousant Engineer	7305550924
TNSCB	Assistant Engineer	9940582769
Highways	Executive Engineer	6381726841
Highways	Divisional Engineer	9361600039

Ward Councillor - 9445467105

Name of the department	Designation	Contact Number	
GCC -Engineering	Assistant Engineer	9445190405	
GCC - Electrical	Assistant Engineer	9445190936	
GCC- Health	Sanitary Inspector	9543173714	
CCC Vatarinan	Veterinary Assistant	0445000010	
GCC - Veterinary	Surgeon	9445200612	
GCC-Solid waste management	Conservancy Inspector	9445190605	
GCC - Revenue	Tax Collector	9003066312	
Revenue	Revenue Inspector	9384094054	
GCC - Park overseer	Park Supervisor	9445467388	
CMWSSB	Assistant Engineer	8144930105	
TANGEDCO	Junior Engineer	9445850301	
BSNL	Assistant Engineer	9445022403	
Fire service	Inspector	7639941189	
Delice station	linen esten	K8 – 9941310100	
Police station	Inspector	F5- 9498140577	
PWD	Assistant Engineer	9047188751	
TNSCB	Assistant Engineer	6381726841	
Highways	Executive Engineer	9361600039	

Ward committee - 106

Ward Councillor - 9445467106

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190406
GCC - Electrical	Assistant Engineer	9445190936
GCC- Health	Sanitary Inspector	8072970991
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190606
GCC - Revenue	Tax Collector	9941147937
Revenue	Revenue Inspector	9384094054
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930106
TANGEDCO	Junior Engineer	9445850301
BSNL	Assistant Engineer	9445022403
Fire service	Inspector	7639941189
		K8 – 9941310100
Police station	Inspector	F5- 9498140577
		K3- 9940574409
PWD	Assistant Engineer	9047188751
TNSCB	Assistant Engineer	6381726841
Highways	Executive Engineer	9361600039

Zone - 8 494

Ward Councillor - 9445467107

Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190407
GCC - Electrical	Assistant Engineer	9445190936
GCC- Health	Sanitary Inspector	8072464098
CCC Vatarinam	Veterinary Assistant	0445000010
GCC - Veterinary	Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190607
GCC - Revenue	Tax Collector	9176017058
Revenue	Revenue Inspector	9384094054
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930107
TANGEDCO	Junior Engineer	9445850427
BSNL	Assistant Engineer	9445022403
Fire service	Inspector	7639941189
Police station	Inspector	K3- 9940574409
		9047188751
PWD	Assistant Engineer	
		7305550924
TNSCB	Assistant Engineer	9940582769
Highways	Executive Engineer	9361600039

Ward committee - 108

Ward Councillor - 9445467108

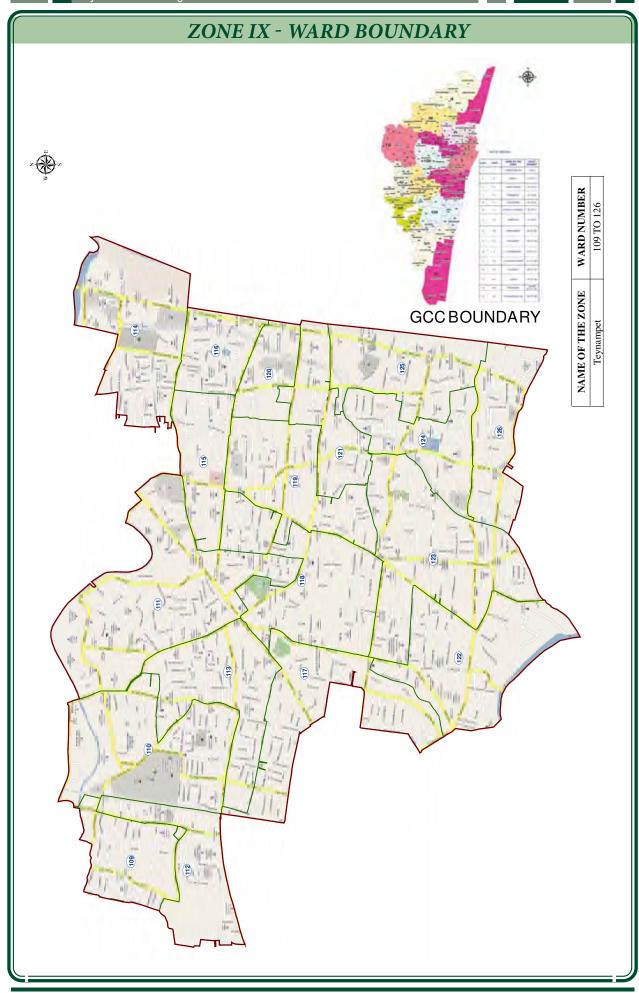
Name of the department	Designation	Contact Number
GCC -Engineering	Assistant Engineer	9445190408
GCC - Electrical	Assistant Engineer	9445190938
GCC- Health	Sanitary Inspector	9841114261
GCC - Veterinary	Veterinary Assistant Surgeon	9445200612
GCC-Solid waste management	Conservancy Inspector	9445190608
GCC - Revenue	Tax Collector	7904025380
Revenue	Revenue Inspector	9384094032
GCC - Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930108
TANGEDCO	Assistant Engineer	9445850301
BSNL	Assistant Engineer	9444743742
Fire service	Inspector	9445086065
		G7- 9840669372
Police station	Inspector	
		G3-9498109761
PWD	Assistant Engineer	7305550924
TNSCB	Assistant Engineer	9940582769
Highways	Executive Engineer	9361600039

ZONE - IX

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TEYNAMPET



Profile

Teynampet zone lies in Latitude 13.05495°, Longitude 80.23922° and covering an area of 25.19 Sq.km.

There are 1784 roads, out of which 1699 roads to a length of 355.13 Km are Interior Roads, 83 Roads to a length of 70.679 Km are Bus Route Roads which are maintained by GCC and the remaining1 road is under the maintenance of Highways department.

The population is about 7.48 lakhs having Male population of about 50.48% and Female population of about 49.5 % In this zone, The most densed area in the zone is Satthyamoorthy nagar with a population of 46,922 and the least is Ammer Mahal with a population of 35,600. The Ward wise population is given below,

SI. No	Ward. No/Name	Total House Holds	Total Population
1	109 - Choolaimedu	12000	45593
2	110 - Kosimani Nagar	7317	43899
3	111 – Thousand Light	9000	40232
4	112 -Pulyur	6272	37635
5	113 - Nakkeran Nagar	13000	41751
6	114 - Chepauk	3913	41116
7	115 - Ammer Mahal	4020	35600
8	116 - Triplicane	3500	40605
9	117-Sathyamoorthynagar	7820	46922
10	118 - Royapettah	8341	41706
11	119 - Azat Nagar	6754	40521
12	120 - Krishnamapet	2650	41223
13	121 - Vivekananda nagar	3800	38603
14	122 - Alwarpet	6890	41342
15	123- Beemanpet	9128	45642
16	124 - Mylapore	7348	44090
17	125 - Santhome	7456	44741
18	126 – Avvai Nagar	13735	37152
Total		132944	748373

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

	SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number	
1. Chairman		Chairman	109 to 126		
	2.	Zonal Officer	109 to 126	9445190009	

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, fly overs, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Name	Designation	Unit/ Ward.No.	Office Mobile Number
1	Mr.Pugazhendhi	Executive Engineer 1	Z-9(Unit-25,26)	9445190029
2	Mr.Muthiah	Executive Engineer 2	Z-9(Unit-24,27)	9445190864
3	Mrs.Geedha	Assistant Executive Engineer	Unit - 24	9445190124
4	Mr.Jayakumar	Assistant Executive Engineer	Unit - 25	9445190125
5	Mrs.Vidya	Assistant Executive Engineer	Unit - 26	9445190126
6	Mr.Venkatesh Siva- nathan	Assistant Executive Engineer	Unit - 27	9445190127
7	Mr.Naveen Kumar	Additional Divisional Engineer, Electrical	109 to 126	9445190049

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI.No.	Name	Designation	Unit/ Ward. No.	Office Mobile Number
1	Mr.Raghu	Conservancy Supervisor	Unit - 24	9445190618
2	Mr.Sarangan	Conservancy Supervisor	Unit - 25	9445190625
3	Mr.Pencillaiah i/c	Conservancy Supervisor	Unit - 26	9445190616
4	Mr.Parthipan	Conservancy Supervisor	Unit - 27	9445190615
5		Conservancy Inspectors	Div 109- 126	9445190609 to 626

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues are given below.

SI. No.	Name	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Dr. Ashalatha	Zonal Health Officer	Zone 9	9445190069
2	Dr.Azhagar samy Vijayakumar	Veterinary Surgeon	Zone 9	9445194746
3	Mr.Venkata Sivara- makumar	Senior Entomologist	Zone 9	98413 20440
4	Mr.Rajendra kumar	Sanitary Officer	Unit - 24	9840555598
5	Mr.Lakshnakumar	Sanitary Officer	Unit - 25	9445190689
6	Mr.Sivaganam	Sanitary Officer	Unit - 26	9445025913
7	Mr,Sathish	Sanitary Officer	Unit - 27	9445025916

Parks

There are 36 Parks available in Teynampet zone . These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No	Equipment available	Remarks
1	Park Overseer	Generator Electrical Saw – 3 Nos Petrol Saw – 31Nos Tree Purner - 6 Nos	Mobile vehicle
2	For Emergency use in Div	1 purner	In each Divisions

S.No	Ward	Name Of Ward	Location of the Park
1	109	Choolaimedu	Gill Nagar Park, West Namachivayapuram Park
2	110	Kosimani Nagar	Harrington Road Park, Independence Day Park, Anna Park
3	111	Ayiram Vilakku	Binny Road - Spencer Plaza, Nungambakkam 4th Lane Park, Ko Su Mani Park, Whites Road Park (Sathyam), College Road Park 1, College Road Park 2, Haddows Road Park, College Lane Park
4	112	Pulyur	Anbalagan Park, Chitra Park - Railway Border Road
5	113	Nakkeran Nagar	Kodambakkam High Road Park - Dharmapuram (Lab), Sharma Park, Kodambakkam High Road
6	114	Chepauk	Nepier Bridge Park, Marina Beach
7	116	Triplicane	Dr. Annie Besant Park
8	117	Sathyamoorthynagar	Chari Street Park
9	118	Royapettah	Thiru-vi-ka-Park, G.N.Muthaiah Street Park

S.No	Ward	Name Of Ward	Location of the Park
10	119	Azat Nagar	Parthasarathy Park, C.I.T. Colony 5th Street Park
11	121	Vivekanda Nagar	Thiruvalluvar Park
12	122	Alwarpet	Turnbulls Road
13	123	Beemanpet	R.A.Puram 7th Main Road Park, Dimonte Colony Park, Thiruvalluvar Park, Nageswarao Park
14	125	125 - Santhome	City Centre (OSR)
15	126	126 – Avvai Nagar	Luz Church Road Park, Pattinambakkam Nursury Park
16	114,116, 120,121 &125		Marina Beach Park

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are eight pumping stations available in Teynampet Zone with average capacity of 24 MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping stations are given below,

SI. No.	Pumping Station	Capacity MLD	No. of pumps
1	Choolaimedu High Road, Sivan Koil South Street	12.50	280 HP – 4Nos
2	Thomas Road	12.50	280 HP – 3 Nos
3	Thiruvalluvar Salai, Nandanam extn 5 th Street	12.50	280 HP – 4 Nos
4	Dr.Besant Road	50	65 Hp ,65 Hp ,75 Hp
5	P.Sivaswami Salai	50	65 Hp ,65 Hp ,75 Hp
6	St.Mary's Road	24	90 HP, 60 HP, 50 HP, 40 HP
7	Vada Aghram 1 st Street, East Namachivayapuram	20	40 HP
8	Greams Road	15	125 HP, 75 HP-1, 90 HP-2 , 60 HP-1

Tamil Nadu Slum Clearance Board tenements

There are 17,008 TNSCB tenements in 62 locations with a population of 68,032. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI.No.	Ward No	Tenement location	No. of tenement	Population
1	109	Appasamy Mudali Street	64	256
2	115	R.O.B.	16	64
3	119	Shaiva Muthaiah Street	40	160
4	114	Navalar Nagar (Lock Nagar)	304	1216
5	124	Pillaiyarkoil Thottam	240	960
6	125	Kuilthottam	348	1392
7	113	Karumankulam	24	96
8	117	Thiru vi Ka Kudiyurupu	636	2544
9	122	Baruva Nagar	340	1360
10	118	Periyapalayathamman Koil	32	128
11	124	Visalashiammal Estate	646	2584
12	125	EP&MP Street	188	752
13	125	Nochinagar	628	2512
14	113	Valluvar Kudiyiruppu	112	448
15	117	Thyagaraya Salai, Ph-II	72	288
16	117	M.K.Radha Nagar	128	512
17	111	Wallace Garden	128	512
18	118	Thomaiyappan Lane	60	240
19	121	PM Durgah	288	1152
20	123	Kabali Thottam Phase I	124	496
21	124	Sathyavanimuthu Nagar	168	672
22	125	Dooming kuppam	492	1968
23	126	Kuppaimedu	344	1376
24	117	S.S. Puram	256	1024
25	122	Jogi Thottam	256	1024
26	111	Swathanthra Nagar	576	2304
27	115	Nair Varadapillai	24	96
28	123	Pallakumaniyam	1272	5088

SI.No.	Ward No	Tenement location	No. of tenement	Population
29	124	Mosque Street	100	400
30	125	Selvarajapuram (Salterpuram)	92	368
31	126	Fore Shore Estate	136	544
32	112	Subedar Garden	352	1408
33	113	Gangikaraipuram	176	704
34	117	Thyagaraya Salai, Ph-l	312	1248
35	117	Thyagaraya Salai, Ph-III	120	480
36	117	Thyagaraya Salai, Ph-IV	120	480
37	122	Sathyamoorthy Nagar, Ph-1	256	1024
38	122	Sathyamoorthy Nagar, Ph-1I	384	1536
39	122	Sathyamoorthy Nagar, Ph-1II	480	1920
40	124	Nattan Thottam	266	1064
41	125	Temporary Shelters	936	3744
42	126	Andimaniyam Thottam	522	2088
43	112	Trustpuram	40	160
44	113	Badrikarai	144	576
45	117	Dr. Thomas Road, Ph-I	300	1200
46	117	Dr. Thomas Road, Ph-II	348	1392
47	117	Dr. Thomas Road, Ph-III	464	1856
49	117	Dr. Thomas Road, Ph-IV	96	384
50	122	M.T.B.(R) 39 to 43	208	832
51	122	M.T.B.(R) (46 to 55)	212	848
52	122	M.T.B.(T) (4 to 14)	392	1568
53	122	M.T.B.(R) (15 to 20)	200	800
54	122	M.T.B. (REO) (1 TO 5)	84	336
55	122	M.T.B.(T) 1 to 3	128	512
56	110	Pushpa Nagar	1024	4096
57	117	Nakeerar Nagar	120	480
58	117	North Giriappa Road	208	832
59	117	Ramakamathpuram	426	1704
60	117	Ramakrishnapuram	184	736
61	123	Vanniarpuram	340	1360
62	123	Mudaliandan Thottam	32	128
Total			17008	68032

Contact details

Department	Designation	Area	Contact No.
Conservancy/GCC	Conservancy Supervisor	Unit 24	9445191424
Conservancy/GCC	Conservancy Supervisor	Unit 25	9445191425
Conservancy/GCC	Conservancy Supervisor	Unit 26	9445191426
Conservancy/GCC	Conservancy Supervisor	Unit 27	9445191427
Water Supply& Sewage /CMWSSB	Area Engineer	109 to 126	8144930109 to 126
TNSCB	Executive Engineer	Slum ward- 4,5&6	9445074774, 9445074776, 9842179008
TNSCB	Executive Engineer	Chennai Spcial Ward-3, Marina Reconstruction	9444112678, 9445074838
Revenue	Tahsildhar	Guindy	9444942823
Revenue	Tahsildhar	Mylapore	9445000487
Fishery Department		109 to 126	9442179819

Water Bodies and Waterways

There are 6 Canals in this zone (1) Virugambakkam Canal maintained by PWD which travels for a length of 0.25 km in this zone from Vadaaghram Street to Metha Nagar Bridge and drains into Coovam river (2)Trustpuram Canal maintained by GCC travels to a length of 1.04 km from Aroct road to Vannier street junction and melds with Coovam river (3) Nugambakkam Canal maintained by GCC flows for a length of 1.43 km through Nugambakkam high road to Greams road and melds to Coovam river. (4) Buckingam canal maintained by PWD flows from Bharathi salai to Sringeri Mutt Road to a length of 6.61 km and melds into Adyar river (5) Mambalam Canal maintained by GCC flows for a length of 2.00 km througth Vidhyodhaya main road to Venkatanarayana road and drains into Adyar river (6) Nadanam Canal maintained by GCC travels to a length of 1.60 km from SM Nagar and reaches the Adyar river.

The Greater Chennai Corporation is doing a massive effort to remove hyacinth and also performing de-silting works in all the canals maintained by them. Storm water drain, rivers & lakes periodically as a precautionary measure for the upcoming monsoon. Storm Water Drains were constructed by GCC for a distance of 155.97 km to ease the

flow of rain water . Most of the Locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies.

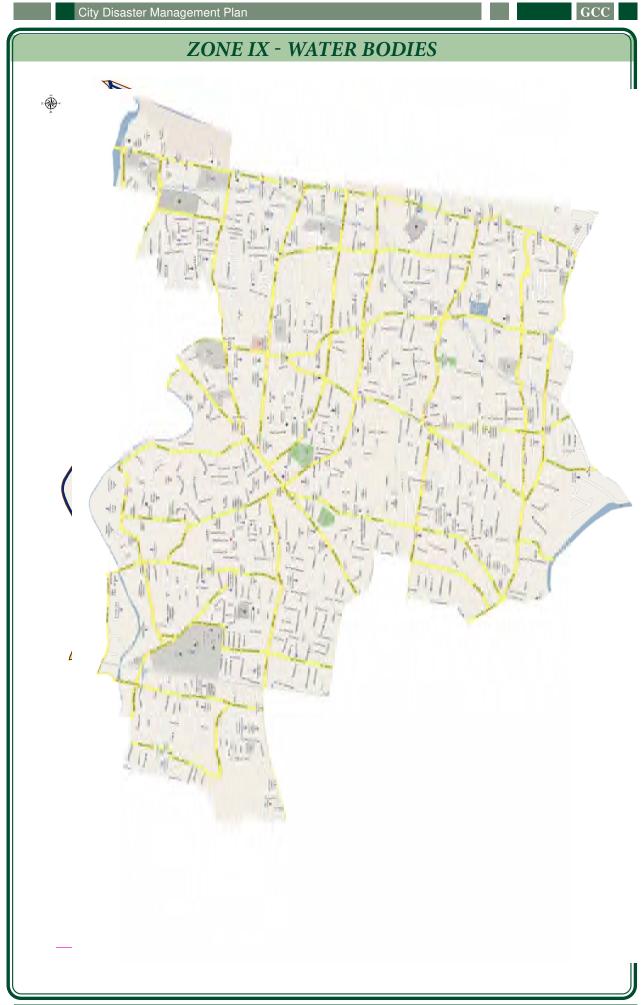
The details of various water bodies in this zone is listed below,

Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Virugambakkam Canal	109	Vadaaghram Street	Metha Nagar Bridge	0.25
2	Trustpuram Canal	109, 112	Vannier Street	Coovam River	1.04
3	Nungambakkam Canal	111	Nungambakkam High Road	Coovanm River	1.43
4	Buckingam Canal	114,116,120, 121,122,123, 124,125,126	Bharathi Salai	Sringeri Mutt Road	6.61
5	Mambalam Canal	113, 117, 122	Vidhyodhaya Main Road	Venkat Narayana Road	2.00
6	Nadanam Canal	122	SM Nagar	Adyar River	1.60

Other water bodies

SI No	Ward No	Name of other water bodies(River/Tank)	Length / Area
1	109 & 111	Coovum river	2.75 km
2	122	Adyar River	0.80 Km
3	113	Agathishwara prasanna Venkatesa Perumal Koil @ East Mada Street	3000 m2
4	114	Thiru Veethi Amman Koil @ Near Subatharal Street	2438 m2
5	116	Parthasarathi Koil @ South Mada Street	6798 m2
6	123	Balasubrmani Koil @ Eldams Road	20860 m2
7	124	Kabalishwarer Temple Tank (Mylapore Tank)	29304 m2
8	124	Chitra Kulam	9000 m2
9	125	Tirupatcheshwarer Temple Tank	8000 m2



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

618 storm water drains to a length of 160.91 km were constructed to ease the flow of rain water inTeynampet zone. The details of SWD are given below.

SI. No.	Ward No	Total No. of SWDs	Length of SWDs in Km
(1)	(2)	(3)	(4)
1	109	43	10.68
2	110	63	12.10
3	111	52	13.82
4	112	42	7.35
5	113	58	16.36
6	114	27	7.67
7	115	16	3.90
8	116	16	3.60
9	117	37	11.91
10	118	49	16.85
11	119	41	9.91
12	120	9	2.09
13	121	20	6.89
14	122	47	13.01
15	123	45	12.70
16	124	25	5.13
17	125	15	2.27
18	126	13	4.67
Total		618	160.91

Water stagnated streets in the previous monsoon - heavy rain

During the last monsoon, 16 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnations and the actions taken to dispose the rain water in each location is as below,

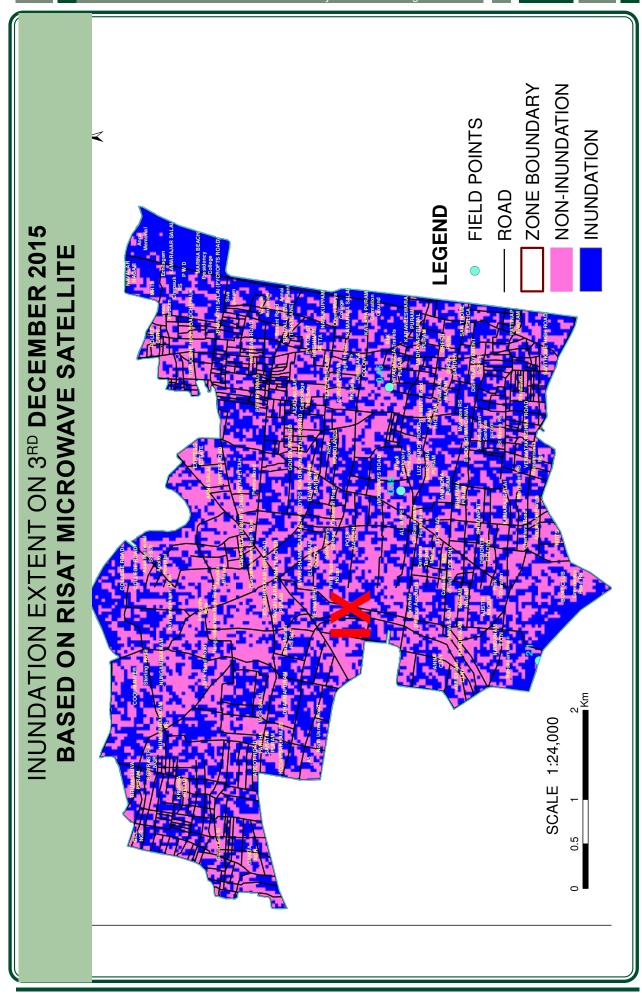
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	113-Nakkeran Nagar	Habibullah Road	5 HP& 40HP	Habibullah Road	Mamabalam Canal
2	117-Sathyamoorthy Nagar	G.N.Chetty Road	5 HP& 40HP	G.N.Chetty Road	Mamabalam Canal
3	122- Alwarpet	PasumponMuthu Ramalinga (D) Salai	5HP	PasumponMuthu Ramalinga (D) Salai	Mamabalam Canal
4	114- Chepauk	Lock Nagar	5HP	Lock Nagar	B Canal
5	115-Ameer Mahal	Dr.Besant Road	5HP	Dr.Besant Road	B Canal
6	116-Triplicane	Dr.Besant Road	5HP	Dr.Besant Road	B Canal
7	120- Krishnamapet	Dr.Natesan Road	5HP	Dr.Natesan Road	B Canal
8	121- Vivekananda Nagar	Ganeshapuram	5HP	Ganeshapuram	B Canal
9	123- Beemanpet	T.T.K.Road, Seethammal Road	5HP	T.T.K.Road, Seethammal Road	B Canal
10	124- Mylapore	Ramakrishnapuram	5HP	Ramakrishnapuram	B Canal
11	125- Santhome	Karneeshwarer Pokoda Street	5HP	Karneeshwarer Pokoda Street	B Canal
12	126- Avvai Nagar	Santhome High Road	5HP	Santhome High Road	Loop Road

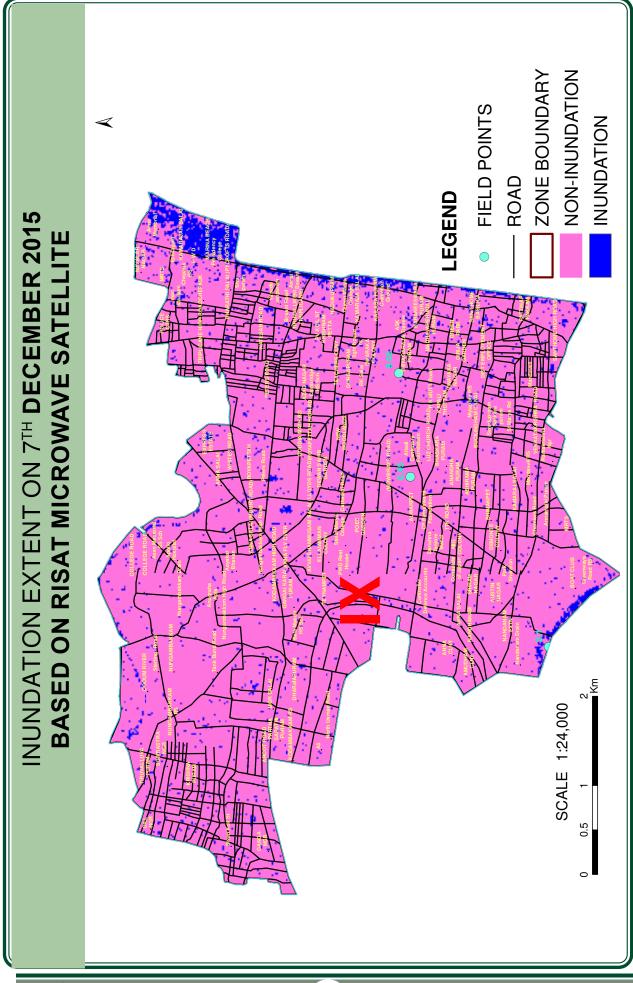
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
13	110- Kosimani Nagar	School Road, Lake Area	5HP	School Road, Lake Area	Jn of Tank bund Road SWD
14	4 111-Thousand Whites Road Pattulas Road		2 Nos 5HP	Whites Road, Pattulas Road	Pattulas Road SWD
15	118- Royapettah	Mayor Sundrarao Road, Kasthuri Rangan Road	5HP	Mayor Sundrarao Road, Kasthuri Rangan Road	Jn of G.N Chetty Road
16	119-Azat nagar	AvvaiShanmugam Salai, Lakshmipuram, Sivaswamy Street	5HP	Avvai Shanmugam Salai, Lakshmipuram, Sivaswamy Street	Royapettah High Road SWD

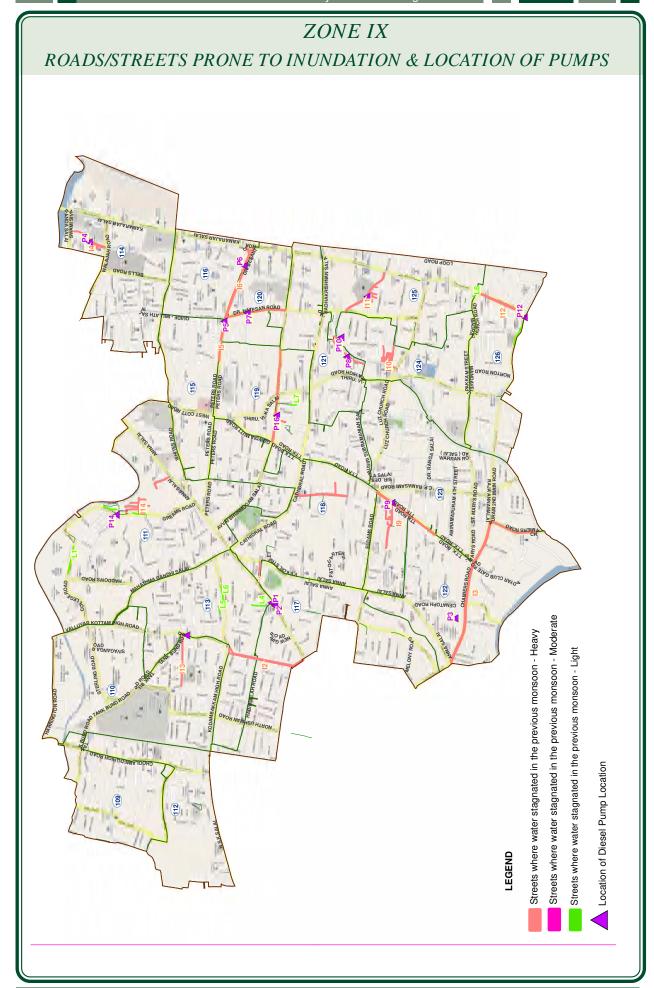


Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

CHECK DAM! ABANDONED STRUCTURES Study Area Boundary RESTRICTED MAP Severe (more than 1m Depth) FLOOD INUNDATION SLUMS/ STRUCTURES Watershed (C5) Shallow (0.2 to 0.5m Depth) (0.5 to 1m Depth) Contour (0.9m) H Railway Line OBSTRUCTIONS Inlet points SILT DEPOSIT Pegend ALGAE SHOAL SHOAL MARINA BEACH Bay of Bengal FLOOD INUNDATION MAP FOR TEYNAMPET IN 2005 DARISHNA. TANJORE MAHAL







Water stagnated streets in the previous monsoon - mild rain

S.No.	ward	Name of the Street
1	110	School Road
2	110	Sterling Road
3	111	Whites Road
4	113	Prakasam Salai
5	115	Dr.Besant road (Uruthu School)
6	119	Avvai Shanmugam Salai 1st lane
7	119	Lakshmipuram 2nd Street

Water stagnated streets in the previous monsoon -Moderate rain

S.No.	Ward	Name of the Street
1	110	Valluvar kottam High Road
2	110	Tank Bund Road
3	110	Sterling Road
4	110	School Road
5	111	whites road
6	111	Pattulas Road
7	112	New Vellala Street
8	113	Nungambakkam High road
9	114	Sydoji street jn of bells road
10	115	Devaraj Street Back side Amman Koil
11	116	Dr.Besant Road, Jnc. Of T.P. Koil Street
12	116	Dr.Besant Road, Near Annie Besant Park
13	117	South boag road
14	117	Bharathi nagar Ist street
15	117	North Boag Road
16	118	Cathedral road (service Road)
17	119	Avvai Shanmugam Salai 1st lane
18	119	Lakshmipuram 2 nd street
19	119	P.S.Sivasamy Salai

S.No.	Ward	Name of the Street
20	120	Dr. Natesan Road
21	120	Irusappan street
22	121	Dr. R.K. Salai
23	122	Cenatoph road
24	122	Ganesapuram 2nd Street
25	124	R.K Mutt Road (opp to Kabaleeswarar koil tank to railway Station)
26	125	Karaneeswarar Pagoda Street

Stagnation of water in streets due to sewer blocks

SI No	Ward No./ Name	Name of the Streets	No. of Manholes
1	113-NakkeranNagar	Habibullah Road	1
2	117- Sathyamoorthy Nagar	North Boag road, Cathedral Garden Road	5
3	122 - Alwarpet	Ratna Nagar	2
4	114 - Chepak	Sydoji Street, Abdul Kareem Street	2
5	115 – Ameer Mahal	Thangavelu Street, Shaik Dawood Street	2
6	120 - Krishnamapet	Dr. Natesan Road, V.R. Pillai Street	2
7	121- Vivekananda Nagar	Thiru-vi-ka 2 nd Street, Thiru-vi-ka 3 rd Street	3
8	112 - Puliyur	Sowrastra Nagar 1 st Street, New Vellala street, Trustpuram 1 st Cross Street, Sivan Koil South Street	5
9	123 - Beemanpet	Seethammal 1 st Main Road, R.A.Puram 3 rd Cross Street, R.A.Puram 1 st Main Road, Periyar Salai	6

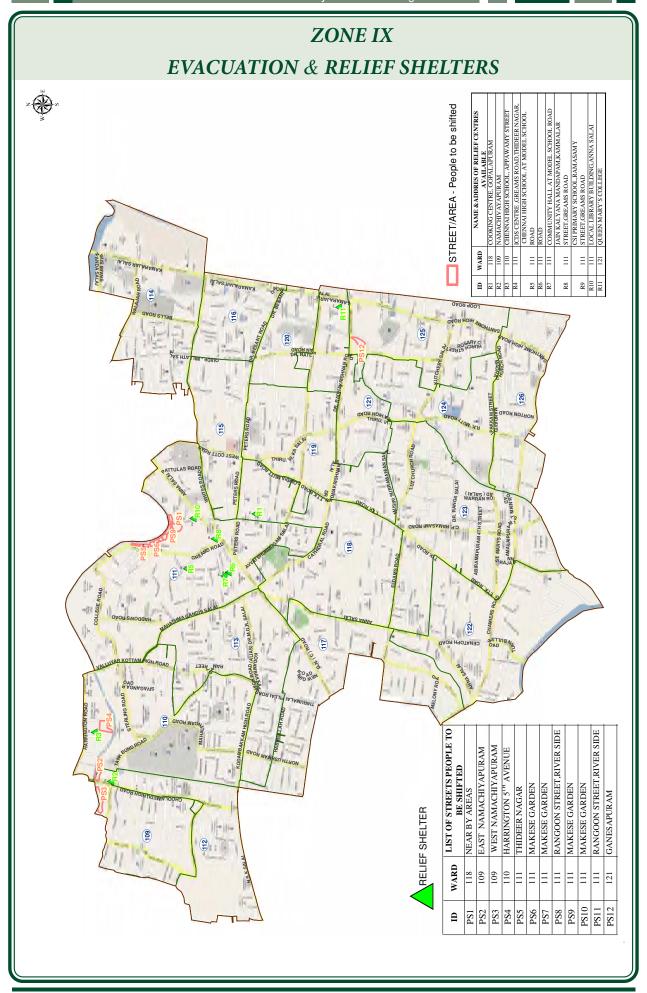
SI No	Ward No./ Name	d No./ Name Name of the Streets	
10	124 - Mylapore	Natton Thottam, South Mada Street, Sathiyavani Muthu Nagar, Sarathapuram	4
11	109 - Choolaimedu	Thiruvengadapuaram Main Road	2
12	110 -Kosimani Nagar	Jayalakshmipuram main road	2
13	111-Ayiram Vilakku	Anna Salai, Whites Road	4
14	118 - Royapettah	Chokalingam Colony, Elango Salai	4
15	119 - Azt Nagar	Avvai Shanmugam Salai, Avvai Shanmugam Salai 1 st Lane, Lakshmipuram 2 nd Street	5
16	125 - Santhome	Karneeshwarer koil Street, Karneeshwarer Pogoda Street	4
17	126 – Avvai Nagar	Santhome High Road, 2 nd Trust Road, Madha Church Road	4
		Total	57

Relief Centres

There are 5 relief centres to a total capacity of 4,450 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

	Oily Disaster Management Plan							GCC		
SI. No.	ward & Name	Capacity	Name &Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer incharge (Designation)	Contact No.
								Sanitation, Medicine	Sanitary Inspector	9445025918
1	118	3000	Cooking Centre, Gopalapuram	Thousand lights, East & West Namachiya	YES	YES	YES	Evacuation	Assistant Engineer	9445190418
			Gopalapuram	puram, Appasamy street				Food & Drinking water	Assistant Revenue Officer	9445190709 9445190089
								Relief Materials	Assistant Engineer	9445190418
						YES YES		Sanitation, Medicine	Sanitary Inspector	9445025909
	109	250	Chennai High chool, East machivayapuram	East & West Namachiyapuram	YES			Evacuation	Assistant Engineer	9445190409
2							ES NO	Food & Drinking water	Assistant Revenue Officer	9445190709 9445190089
										Relief Materials & Drinking water
								Sanitation, Medicine	Sanitary Inspector	9445025910
								Evacuation	Assistant Engineer	9445190410
3	110	100	Chennai High School, Appawamy	Harrington 5 th avenue	YES	YES	NO	Food & Drinking water	Assistant Revenue Officer	9445190709 9445190089
			Street					Relief Materials & Drinking water	Assistant Engineer	9445190410

SI. No.	ward & Name	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer incharge (Designation)	Contact No.
			ICDS Centre , Greams road,					Sanitation, Medicine	Sanitary Inspector	9445025911
			Thideer nagar, Chennai High School at Model School Road,					Evacuation	Assistant Engineer	9445190411
			Chennai Middle School at Model School Road, Community Hall at Model	Thideer Nagar, Makese				Food & Drinking water	Assistant Revenue Officer	9445190709 9445190089
4	111	850	School Road, Jain Kalyana Mandapam, Kammalar street,Greams road CSI Primary School, Ramasamy street, Greams Road local Library Building, Annasalai	garden, Rangoon street, river side	YES	YES	NO 1	Relief Materials & Drinking water	Assistant Engineer	9445190411
			50 Queen Mary's College	Ganesapuram	n YES	ES YES		Sanitation, Medicine	Sanitary Inspector	9445025921
								Evacuation	Assistant Engineer	9445190421
5	121	250					YES NO	Food & Drinking water	Assistant Revenue Officer	9445190089
								Relief Materials & Drinking water	Assistant Engineer	9445190421



Subways

There are three subways in Teynampet zone. The electrical pumps (4HP-2 & 3HP-1) and diesel pumps (5HP -6) are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No.	Name	Length of the subway	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Ward - 109 Nungambakkam Subway	250	SWD	9 Nos -5HP
2	Ward -114 Uzhaipalar Statue (Pedestrian Subway)	20m	Service Road (Sand Area)	2 Nos – 5HP
3	Ward 116 Kannagi Statue (Pedestrian Subway)	20m	Service Road (Sand Area)	1 No – 3HP (Electrical Motor)

Tree fall

During the last monsoon, in Teynampet zone totally 66 tree/branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.No.	Ward	Name of the Streets		
1	112	Trustpuram 1 st to 10 th Streets, Sowrastra Nagar		
2	113	Kodambakkam High Road, Periyar Street, Josier Street, Habibullah Road		
3	117	South Boag Road, G.N.Chetty Road, Thirumalai (P) Road, Thanickachalam Road		
4	122	Nandanam Extn 1 st to 10th Streets, Seethammal Colony, Seethammal Colony Extn, K.B.Dasan Road		
5	114	Mayor Chittibabu Street, Walaja Road, Sivananda Salai		
6	115	Soorappa Street		
7	116	B.V. Naicken Street, T.P. Koil Street, Dr.Besant Road.		
8	120	Illoyds Colony, V.R. Pillai Street, Natesan Road		
9	121	V.M.Street, Royapettah Road, P.S.Sivaswami Salai		
10	125	Santhome High Road, Kutcheri Road		
11	123	Seethammal Main Road, Eldoms Road, C.P.Ram,aswamy Road, Dr.Ranga Road, R.A.Puram 1 st & 2 nd Main Road, St.Mary's Road		
12	124	Kutcheri Road, R.K.Mutt Road, Rakkiappan Street		
13	109	Namachivayapuram, Gill Nagar, Nelson Manickam Road in Dn		

SI.No.	Ward	Name of the Streets
14	110	School Road, Lake Area, Lakshmipuram, Kodambakkam High Road, 70ft Scheme Road
15	111	College Road, Greams Road, Modal School Road, Peters Road, Conron Smith Road, Pattulas Road, Whites Road, Aziz Mulk Street
16	118	Binny Road, Poes Garden, Kasthuri Rangon Road, Murreys Gate Road, Varatharajapuram, Rathinam Street, Besant Road,
17	119	Avvai Shanmugam Salai, C.I.T.Colony, V.M.Street

Streets -water entered houses - do not require evacuation

During the last monsson, 28 inundated spots where water entered houses but do nor require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 28 locations were inundated for more than a day by which the normal day to day activity of 4,310 people were standstilled. Flood water from these areas were cleared by using 32 pumps ranging from 5 HP to 30 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets
1	113 - Nakkeran Nagar	Habibullah Road, Gangaikaraipuram, G.N.Chetty Road, Kodambakkam High road, Prakasam Street
2	117-Sathyamoorthy nagar	South Bogh Road, North Bogh Road, Thomas Road, North Giriappa Road, G.N.Chetty Road, Thirumalai (P) Road
3	122 - Alwarpet	Pughs Road, Dr.Radhakrishnapuram, Ganeshpuram, Tank bund Road
4	109 - Choolaimedu	Namachivayapuram in Dn -109
5	123- Beemanpet	R.A.Puram 1 st to 7 th Streets, Seethammal Road, Seethammal Main road, Seethammal 1 st Main Road, Seethammal 2 nd Main Road
6	111 – Thousand Light	Makkies Garden, Rangoon Street, Thideer Nagar
7	110 - Kosimani Nagar	Appaswamy Street
8	112 -Pulyur	Nehru Street, Subethar Garden
9	119 - Azat Nagar	Avvai Shanmugam Salai, Avvai Shanmugam Salai 1 st Lane, P.S.Sivswamy Street, Lakshmipuram 2 nd street

Streets that require evacuation

During the heavy flood that occurred in 2015, in Teynampet zone 18,560 people were evacuated from below streets and they were accommodated in relief center are given below. They were provided with basic amenities like accommodation, food and relief materials for 25 days. The details and location of relief centres are given below.

SI. No.	ward /Name	Streets	No. of persons	Years	Relief centre
1	113 Nakkeran Nagar	Habibullah Road, Gangaikaraipuram, G.N.Chetty Road, Kodambakkam High road, Prakasam Street	1050	2015	Chennai Middle School Rama Street
2	117 Sathyamoorthy nagar	South Bogh Road, North Bogh Road, Thomas Road, North Giriappa Road, G.N.Chetty Road, Thirumalai (P) Road	1520	2015	Community Centre at Giriappa Road
3	122 Alwarpet	Pughs Road, Dr.Radhakrishnapuram, Ganeshpuram,Tank bund Road	2500	2015	Community Centre at K.B.Dasn Rosd
4	125 Santhome	Ekambaram Street	200	2015	Chennai Middle School at Prof. Sanjeev Street
5	114 Chepauk	Lock Nagar	250	2015	Chennai Middle School – Bangaru Street
6	115 Ameer Mahal	Jaane Jahan Khan 1st street	270	2015	Chennai Middle School – Soorappa Street
7	116 Triplicane	Mattan Kuppam - Canal Street	265	2015	Chennai Middle School – Venkatrangam Street
8	120 Krishnamapet	Hanumanthapuram	350	2015	Chennai Girls High School – Irusappan Street
9	121 Vivekananda Nagar	Ganesapuram North, Ganesapuram South, Balakrishna Street,	375	2015	Savithri Ammal Oriental school & Chennai High School, V.P.Koil street

SI. No.	ward /Name	Streets	No. of persons	Years	Relief centre
10	109 Choolaimedu	Namachivayapuram	1800	2015	East Namachivayapuram at Chennai Primary School
11	123 Beemanpet	R.A.Puram 1st to 7th Streets, Seethammal Road, Seethammal 2680 1st Main Road, Seethammal 2nd Main Road		2015	C.P.Ramaswamy Salai at Community Hall
12	111 Thousand Light	Makkies Garden, Thideer Nagar, Rangoon Street	3600	2015	Modal School Road at Chennai High School
13	110 Kosimani Nagar	AppaSwamy Street	300	2015	Appaswamy Street at Chennai Middle School
14	119 Azat Nagar	Avvai Shanmugam Salai, Avvai Shanmugam Salai 1 st Lane, P.S.Sivswamy Street, Lakshmipuram 2 nd street	3400	2015	Balaji Nagar 3 rd Street at Chennai Middle School
		Total	18560		

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There is one battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

Q1 11		Contact person		
SI. No.	Ward No	Designation	Phone number	
1	109 to 126	Additional divisional Engineer (Zone)	9445190049	
2	109 to 126	Divisional Engineer (HQ)	9445190754	
3	118,123	Junior Engineer	9445190943	

SI. No.	Ward No	Contact person			
SI. INU.	vvaru ino	Designation	Phone number		
4	124,125,126	Junior Engineer	9445190941		
5	111,119,121	Junior Engineer	9445190916		
6	110,113	Junior Engineer	9445190942		
7	109,112	Junior Engineer	9445477694		
8 114,115,116,120		Junior Engineer	9445191452		

National Disaster Response Force (NDRF)

In Teynapet zone, the NDRF to be stationed locations are given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed		
1	109	Thiruvenkatapuam main rd		
2	119	Balaji nagar 3 rd street,Royapettah,Chennai-600014		

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

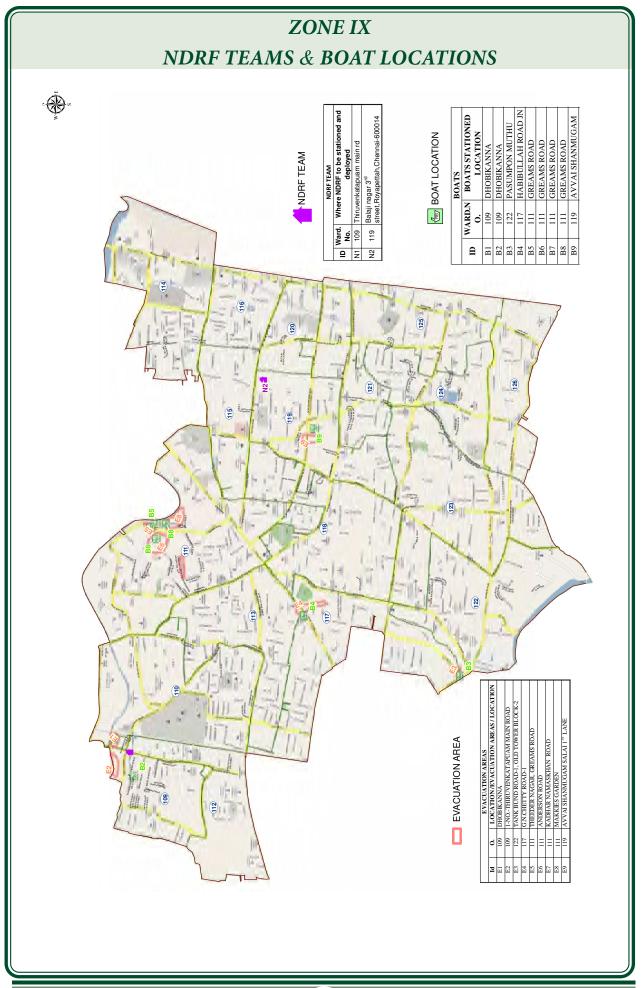
Phone No. 04177 - 246594/246269

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

	Ony Disaster Management Fair				
SI. No.	Ward. No.	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact No	
1.	109	1-noWest Namachivayapuram- Dhobikanna	Dhobikanna	Assistant Engineer 9445190409	
2.	109	1-noThiruvenkatapuam main road	Dhobikanna	Assistant Engineer 9445190409	
3	122	Tank Bund Road-1, Old Tower Block-2	Pasumpon Muthu Ramalinga Devar Street	Assistant Engineer 9445190422	
4	117	G.N.Chetty Road-1	Habibullah Road jn	Assistant Engineer 9445190417	
5	111	Theeder nagar, Greams Road	Greams Road	Assistant Engineer 9445190411	
6	111	Anderson Road	Greams Road	Assistant Engineer 9445190411	
7	111	Kadhar namaskhan Road	Greams Road	Assistant Engineer 9445190411	
8	111	Makkies garden	Greams Road	Assistant Engineer 9445190411	
9	119	Avvai shanmugam salai 1st lane	Avvai shanmugam salai	Assistant Engineer 9445190419	





Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 8 debris lorries, 4 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available in the zone is given below

No. of lorries and type kept in readiness					
Debris lorry - 8 Nos					
Skid steer loaders (Bob cat) -	- 4 Nos				
(Front end loader) JCB	- 1No				

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445190495	1	5	7	4

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

SI.No	ward /Name	Street Names
1	Zone-9	NIL

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of ward committee and other line departments are as follows.

Ward committee - 109 Ward Councillor - 9445467109

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190409
GCC - Electrical	Assistant Engineer	9445190942
GCC- Health	Sanitary Inspector	9445025910
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190609
GCC - Revenue	Tax Collector	9840258713
Revenue	Revenue Inspector	9444299152
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930109
TANGEDCO	Junior Engineer	9444184421
BSNL	Assistant Engineer	9444933222
Fire service	Inspector	9840743100
Police station	Inspector	9498136946
PWD	Assistant Engineer	9884219380
TNSCB	Assistant Engineer	9444612219
Highways	Divisional Engineer	044 23635123

Ward committee - 110

Ward Councillor - 9445467110

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190410
GCC - Electrical	Assistant Engineer	9445190942
GCC- Health	Sanitary Inspector	9445025910
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190610
GCC - Revenue	Tax Collector	9840552973
Revenue	Revenue Inspector	9677247073
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930110
TANGEDCO	Junior Engineer	9445950297
BSNL	Assistant Engineer	9444933222
Fire service	Inspector	9840743100
Police station	Inspector	9442641913
PWD	Assistant Engineer	9884219380
TNSCB	Assistant Engineer	9894576761
Highways	Divisional Engineer	9080141819

Ward committee - 111

Ward Councillor -9445467111

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190411
GCC - Electrical	Assistant Engineer	9445190916
GCC- Health	Sanitary Inspector	9445025911
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190611
GCC - Revenue	Tax Collector	9884804510, 9176134900
Revenue	Revenue Inspector	8838688805
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930118
TANGEDCO	Junior Engineer	9445850758, 9445850759 9445850760
BSNL	Assistant Engineer	9444056413
Fire service	Inspector	9840743100
Police station	Inspector	9940652990
PWD	Assistant Engineer	9884219380
TNSCB	Assistant Engineer	7845667415
Highways	Divisional Engineer	9789965555

Ward committee – 112 Ward Councillor -9445467112

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190412
GCC - Electrical	Assistant Engineer	9445477694
GCC- Health	Sanitary Inspector	9445025912
GCC - Veterinary	Veterinary Assistant Surgeon	9445025913
GCC - Solid waste management	Conservancy Inspector	9445190612
GCC - Revenue	Tax Collector	7200338299
Revenue	Revenue Inspector	9444299152
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930112
TANGEDCO	Junior Engineer	9445850213 9445850215
BSNL	Assistant Engineer	9445017081
Fire service	Inspector	9944508412
Police station	Inspector	9840864764
PWD	Assistant Engineer	044-28523007
TNSCB	Assistant Engineer	9095146146
Highways	Divisional Engineer	044-24330008 28525351

Ward committee - 113 Ward Councillor -9445467113

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190413
GCC - Electrical	Assistant Engineer	9445190942
GCC- Health	Sanitary Inspector	9445025912
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190613
GCC - Revenue	Tax Collector	9710680940
Revenue	Revenue Inspector	9840258713
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930113
TANGEDCO	Junior Engineer	9445850756
BSNL	Assistant Engineer	9444970157
Fire service	Inspector	9498129629
Police station	Inspector	9894641919
PWD	Assistant Engineer	9498129626
TNSCB	Assistant Engineer	9498126850
Highways	Divisional Engineer	044 – 28525351

Ward committee - 114 Ward Councillor -9445467114

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190414
GCC - Electrical	Assistant Engineer	9445191452
GCC- Health	Sanitary Inspector	9080306614
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190614
GCC - Revenue	Tax Collector	9382171451
Revenue	Revenue Inspector	9003011922
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930114
TANGEDCO	Junior Engineer	9445850703
BSNL	Assistant Engineer	9445035599
Fire service	Inspector	9498129626
Police station	Inspector	9498127127
PWD	Assistant Engineer	044 – 28525351
TNSCB	Assistant Engineer	044 – 28441430
Highways	Divisional Engineer	044 – 23635123

Ward committee - 115 Ward Councillor -9445467115

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190415
GCC - Electrical	Assistant Engineer	9445191452
GCC- Health	Sanitary Inspector	9080306614
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746, 8682997846
GCC - Solid waste management	Conservancy Inspector	9445190615
GCC - Revenue	Tax Collector	9841896119
Revenue	Revenue Inspector	7845187905
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930120
TANGEDCO	Junior Engineer	9445850755
BSNL	Assistant Engineer	044-28605200
Fire service	Inspector	9498129626
Police station	Inspector	9498113890
PWD	Assistant Engineer	044-28523007
TNSCB	Assistant Engineer	8838403494
Highways	Divisional Engineer	044-23635123

Ward committee - 116 Ward Councillor -9445467116

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190416
GCC - Electrical	Assistant Engineer	9445191452
GCC- Health	Sanitary Inspector	9445025915
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190615
GCC - Revenue	Tax Collector	9884375691
Revenue	Revenue Inspector	9444339144
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930116
TANGEDCO	Junior Engineer	9445850752
BSNL	Assistant Engineer	044 – 28605200
Fire service	Inspector	9498129626
Police station	Inspector	9498126052
PWD	Assistant Engineer	044 – 28525351
TNSCB	Assistant Engineer	9444123957
Highways	Divisional Engineer	044 – 23635123

Ward committee – 117 Ward Councillor -9445467117

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190417
GCC - Electrical	Assistant Engineer	9445191492
GCC- Health	Sanitary Inspector	9445825922
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190617
GCC - Revenue	Tax Collector	9710093655
Revenue	Revenue Inspector	9445190709
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930117
TANGEDCO	Junior Engineer	9445850764, 9445850765 9445850763, 9445850756
BSNL	Assistant Engineer	9444975200
Fire service	Inspector	9445086045
Police station	Inspector	9498143421, 9498143386
PWD	Assistant Engineer	9840624481
TNSCB	Assistant Engineer	9486543733
Highways	Divisional Engineer	9789965555

533 Zone - 9

Ward committee - 118

Ward Councillor -9445467118

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190418
GCC - Electrical	Assistant Engineer	9445191452
GCC- Health	Sanitary Inspector	9445025921
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190618
GCC - Revenue	Tax Collector	9841429704
Revenue	Revenue Inspector	9444379899
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930118
TANGEDCO	Junior Engineer	9445850773
BSNL	Assistant Engineer	9444377799
Fire service	Inspector	9445086048
Police station	Inspector	9498143421
PWD	Assistant Engineer	9840624481
TNSCB	Assistant Engineer	9842182553
Highways	Divisional Engineer	044 – 23637008

Ward committee - 119 Ward Councillor -9445467119

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190419
GCC - Electrical	Assistant Engineer	9445190916
GCC- Health	Sanitary Inspector	9445025919
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190619
GCC - Revenue	Tax Collector	9042365309
Revenue	Revenue Inspector	9087178677
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930119
TANGEDCO	Junior Engineer	9445850751
BSNL	Assistant Engineer	9444979329
Fire service	Inspector	9445086047
Police station	Inspector	7904639011
PWD	Assistant Engineer	044 – 28410402
TNSCB	Assistant Engineer	8838403494
Highways	Divisional Engineer	044 – 23635123

Ward committee - 120 Ward Councillor -9445467120

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190420
GCC - Electrical	Assistant Engineer	9445191521
GCC- Health	Sanitary Inspector	9445025920
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190620
GCC - Revenue	Tax Collector	9444442278
Revenue	Revenue Inspector	7845187905
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930120
TANGEDCO	Junior Engineer	9445850753
BSNL	Assistant Engineer	044 – 28605200
Fire service	Inspector	9445086047
Police station	Inspector	9840450400
PWD	Assistant Engineer	044 – 2852351
TNSCB	Assistant Engineer	044 – 28441430
Highways	Divisional Engineer	044 – 23635123

Ward committee - 121 Ward Councillor -9445467121

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190421
GCC - Electrical	Assistant Engineer	9445190916
GCC- Health	Sanitary Inspector	8825640520
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	8637496456
GCC - Revenue	Tax Collector	8124554242
Revenue	Revenue Inspector	9003011922
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930121
TANGEDCO	Junior Engineer	9445850742
BSNL	Assistant Engineer	9444377799
Fire service	Inspector	9445086047
Police station	Inspector	9498126549
PWD	Assistant Engineer	044 – 28525351
TNSCB	Assistant Engineer	044 – 28441430
Highways	Divisional Engineer	044 – 23635123

535 Zone - 9

Ward committee - 122 Ward Councillor -9445467122

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190422
GCC - Electrical	Assistant Engineer	9445191492
GCC- Health	Sanitary Inspector	9445025922
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190622
GCC - Revenue	Tax Collector	9080728941
Revenue	Revenue Inspector	9962024401
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930122
TANGEDCO	Junior Engineer	9445820772
BSNL	Assistant Engineer	9444918877
Fire service	Inspector	9445086048
Police station	Inspector	9498143421
PWD	Assistant Engineer	044 – 28525351
TNSCB	Assistant Engineer	9894576761
Highways	Divisional Engineer	044 – 23635123

Ward committee - 123 Ward Councillor -9445467123

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190423
GCC - Electrical	CC - Electrical Assistant Engineer	
GCC- Health	Sanitary Inspector	9445025923
GCC - Veterinary	Veterinary Assistant Surgeon	9445190913
GCC - Solid waste management	Conservancy Inspector	9445190623
GCC - Revenue	Tax Collector	988701988
Revenue	Revenue Inspector	9791290456
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930123
TANGEDCO	Junior Engineer	9445850743, 9445850744, 9445850773
BSNL	Assistant Engineer	9444979329
Fire service	Inspector	9445086048
Police station	Inspector	9498126549, 9498195919, 9840223452
PWD	Assistant Engineer	9444487385
TNSCB	Assistant Engineer	9444015401
Highways	Divisional Engineer	044 – 23635123

Ward committee - 124 Ward Councillor -9445467124

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190424
GCC - Electrical	Assistant Engineer	9445190941
GCC- Health	Sanitary Inspector	9445025922
GCC - Veterinary	Veterinary Assistant Surgeon	9445190689
GCC - Solid waste management	Conservancy Inspector	9445190624
GCC - Revenue	Tax Collector	9884701988
Revenue	Revenue Inspector	9791290456
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930124
TANGEDCO	Junior Engineer	9445850749
BSNL	Assistant Engineer	9444979329
Fire service	Inspector	9791290456
Police station	Inspector	044 – 23452562
PWD	Assistant Engineer	9444487385
TNSCB	Assistant Engineer	9444123957
Highways	Divisional Engineer	044 – 23635123

Ward committee – 125 Ward Councillor -9445467125

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190425
GCC - Electrical	Assistant Engineer	9445190941
GCC- Health	Sanitary Inspector	9445025922
GCC - Veterinary	Veterinary Assistant Surgeon	9445190689
GCC - Solid waste management	Conservancy Inspector	9445190625
GCC - Revenue	Tax Collector	9381203115
Revenue	Revenue Inspector	9791290456
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930125
TANGEDCO	Junior Engineer	9445850748, 9445850741, 9445850746
BSNL	Assistant Engineer	9444377799
Fire service	Inspector	9445086047
Police station	Inspector	9498179971
PWD	Assistant Engineer	9444487385
TNSCB	Assistant Engineer	9484063099
Highways	Divisional Engineer	044 – 23635123

Ward committee - 126 Ward Councillor -9445467126

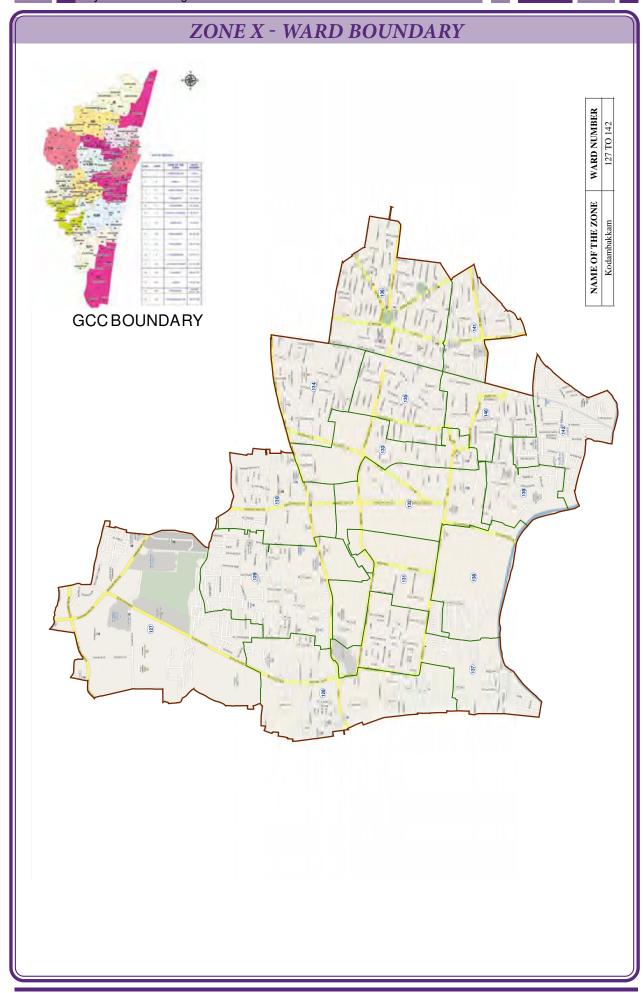
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190426
GCC - Electrical	Assistant Engineer	9445190941
GCC- Health	Sanitary Inspector	9445025925
GCC - Veterinary	Veterinary Assistant Surgeon	9445190689
GCC - Solid waste management	Conservancy Inspector	9445190625
GCC - Revenue	Tax Collector	9884498321
Revenue	Revenue Inspector	9791290456
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930126
TANGEDCO	Junior Engineer	9445850741, 9445850746, 9445850746
BSNL	Assistant Engineer	9445010819
Fire service	Inspector	9791290456
Police station	Inspector	044 – 23452575
PWD	Assistant Engineer	9444487385
TNSCB	Assistant Engineer	9445074843, 9445074844
Highways	Divisional Engineer	044 – 23635123

ZONE - X

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KODAMBAKKAM



Profile

The Kodambakkam zone lies in Latitude 13.0481°, Longitude 80.2267° and covering an area of 22.40 Sq.km.

There are 2397 roads, out of which 2,304 roads to a length of 393.29 km are Interior Roads, 87 Roads to a length of 45.81 Km are Bus Route Roads which are maintained by GCC and the balance 6 roads are under the maintenance of Highways Department.

The population is about 8.79 lakhs having Male population of 50.41% and Female population of 49.59 %. In this zone, the most densed area is ward 138 with a population of 59,900 and the least is ward 137 with a population of 47,620. The Ward wise population are listed below,

SI.No.	Ward No/Name	Total House Holds	Total Population
1	127/Koyambedu	14306	57224
2	128/Virugambakkam	14125	56500
3	129/Saligramam	14491	57964
4	130/Vadapalani	14958	59832
5	131/ K.K.Nagar	14125	56500
6	132/Ashok Nagar	13675	54700
7	133/ Ram Colony	14233	56932
8	134/ Kodambakkam	13156	52624
9	135/ThambaiahRaod	12784	51136
10	136/ T.Nagar	14055	56220
11	137/ K.K.Nagar	11905	47620
12	138/Jafferkhanpet	14975	59900
13	139/R.R.Colony	13423	53692
14	140/Saidapet	12377	49508
15	141/V.O.C.Nagar	14399	57596
16	142/ Saidapet	12911	51647
	TOTAL	219898	879595

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by Two Executive Engineers, Two Assistant Revenue Officers and one Zonal Health officer. They are equipped with supporting sub-ordinate staff. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them. The Zonal officer contact number is below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Zonal Officer	127 to 142	9445190010

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	127 to 130 & 131,132,134 & 135	9445190030
2	Executive Engineer-2	133, 136 to 142	9445191466
3	Assistant Executive Engineer	137, 138,139 & 142	9445190128
4	Assistant Executive Engineer	127, 129, 130	9445190129
5 Assistant Executive Engineer		133, 140 & 141	9445190130
6	Assistant Executive Engineer	131, 132, 134 & 135	9445190131
7	Assistant Executive Engineer	128, 136	9840224810
8	Assistant Executive Engineer	127 TO 132, 134,135	9894333506
9	Assistant Executive Engineer	133, 136 TO 142	9600156959
10	Additional Divisional Engineer, Electrical	127 to 142	9445190050
11	Assistant Executive Engineer, Mechanical	127 to 142	9445190489

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Conservany supervisor	127 TO 132, 134,135	9445191429
2.	Conservany supervisor	133, 136 TO 142	9445191430

Public Health & Disease Control

The Public Health department at Zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners..

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Sanitary Inspectors, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staffs to report on complaints on any such issues is given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone X	9445190070
2	Veterinary Surgeon	Zone X	9445026045
3	Junior Entomologist	Zone X	9962371157
4	Sanitary Officer	U-28	9445190468
5	Sanitary Officer	U-29	9445190469
6	Sanitary Officer	U-30	9445190470
7	Sanitary Officer	U-31	9445025471

Parks

There are 58 Parks available in Koyembedu, Virugambakkam, Saligramam, K.K.Nagar, Ashok Nagar, T.Nagar and Kodambakkam. These parks are serve as buffer Zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone are given below,

SI. No.	Team member contact No.	Equipment available	Area of operation
1	PARK OVERSEER 9445036588	4 Nos - Power Saw (petrol engine Motorised), 2-Stick saw (Manual)	Kodambakkam& Vadapalani Koyambedu, T.Nagar & K.K.Nagar

S.No	Ward No	Ward Name	Name / Location of the Park
1	127	Koyambedu	SAF Games Village (12 Parks),Natesan Nagar Park, Jai Nagar Park
2	128	Virugambakkam	Annaji Nagar 2nd Main Road, Lambert Nagar II Main Road
3	129	Saligaramam	Abusali Road, Arcot Road, PillaiyarKoil Street, K.R.Nagar, Bhaskar Colony, Navalar Park, Navalar Street
4	131	K.K.Nagar	Corporation Colony Main Road, United India Colony Park View Road,
5	132	Ashok Nagar	Jeeva Park, G.N.Chetty Road; Natesan Park, Venkatnarayana Road; Panagal Park, Bashyam Road
6	134	Kodambakkam	1st Avenu Park, 12th Avenue, 14th Sector, 15th Sector, 53rd Street
7	136	T.Nagar	P.T.RajanSalai (Sivan Park)
8	137	K.K.Nagar	4th Sector K.K.Nagar, 11th Sector K.K.Nagar, Errikarai Street, 12th Sector
9	138	Jafferkhanpet	Bharathidasan Colony 5th Street, Bharathidasan Colony 6th Street
10	139	R.R.Colony	CIT Nagar 3rd Main Road
11	140	Saidapet	EllaiammanKoil Street, Kodambakkam Road (Amma Park)
12	141	V.o.c Nagar	CIT Nagar 3rd Main Road
13	142	Saidapet	West Jones Road, ThadiRathinam Street

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are 24 pumping stations available in this Zone with different pumping capacity for each pumping station. These sewage pumping stations are being maintained by CMWSSB. The details of the sewage pumping stations are given below,

SI.	Pumping Station	Capacity MLD	No. of pum	ps
No.	Fulliping Station	Capacity MLD	HP	Nos
	Nesapakkam(Relay)		430	2
1	Nesapakkam(Nelay)	120	215	2
			125	1
	T.Nagar (Relay)		100/200	1
2	I.ivagai (ixelay)	24	175	2
			75	1
3	CIT Nagar	14	215	1
3	Ci Nagai	14	100	1

		Oily Disaster Manageri	nont i lan	GCC
SI. No.	Pumping Station	Capacity MLD	No. of pum H P	ps Nos
4	Kodambakkam	13	100 75	2
5	Saidapet (Section- B)	20	150	3
	Caraapor (Coorion B)	20	90	1
6	West Arumbakkam	12.10	50 75	1
7	Jafferkhanpet	12	120 70	1 1
8	Saligramam	24	40 60 95 55	1 2 2 1
9	Saidapet (Section- A)	6.50	70 75	3 1
10	JaiBalaji Nagar	4.00	40 20	1 2
11	K.K Nagar (Section – B)	14.40	50	2
12	Virugambakkam	17.00	60 40	2 2
13	Ashok Nagar	4.10	12	2
14	Sathyamoorthy Block	6.90	7	3
15	Bharathidasan colony	6.90	7.5 10	1 2
16	ThiruNagar	8.00	10	3
17	Gothamedu	1.60	15 15	11
18	Kulasekarapuram	2.50	25	2
19	Gandhi Nagar	1.40	12	3
20	Alagiri Nagar	6.90	10	1
21	Abith colony	0.86	5	2
22	VOC Nagar	2.42	15 7.5	1 1
23	Annaisathya Nagar	2.00	7	2
24	SamiyarThotam	0.86	7	2
		Total		77Nos

Tamil Nadu Slum Clearance Board tenements

There are 15 TNSCB tenements in K.K.Nagar, Ashok Nagar & Saidapet with a population of 39,098. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and sewage issues inside these tenements. The respective officers may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI. No.	Ward No./Name	Tenement location	No. of tenements	Population
1	131/ K.K.Nagar	Rani Anna Nagar	1750	6600
2	131/ K.K.Nagar	Sivalingapuram	400	1600
3	132/ Ashok Nagar	Ottagapalayam	195	780
4	132/ Ashok Nagar	Pudur	4125	16000
5	133/ RamColony	Nallankuppam	456	2000
6	133/ RamColony	Ashok Nagar 10Th & 14Th Street	448	1350
7	135/ Thambaiah Road	Brindavan Street	190	760
8	137/ K.K.Nagar	Thiruvalluvar Colony	160	640
9	139/ R.R.Colony	R.V Nagar	64	260
10	140/ Saidapet	VazhaiThoppu	328	1320
11	140 / Saidapet	AdhikesavaPerumalThottam	112	448
12	141/V.O.C.Nagar	Kamaraj Colony	365	1460
13	141/V.O.C.Nagar	Lalithapuram	112	450
14	142/Saidapet	Kothavalchavadi Slum Board	448	1790
15	142/Saidapet	Godhamedhu Slum Board	910	3640
		Total	10063	39098

Contact details

Name of the Organisation	Designation	Area	Contact No.
Conservancy/GCC	Conservancy Supervisor	U- 28 & 30	9445191430
Conservancy/GCC	Conservancy Supervisor	U-29 & 31	9445191429
Water Supply& Sewage /CMWSSB	Assistant Engineer	Area Engineer	8144930910
TNSCB	Executive Engineer	Zone 10	9445074776

Water Bodies and Waterways

There are 4 Canals, (1) Virugambakkam canal is being maintained by PWD which enters this zone through Natesan Nagar travels about 5 Km within the zone upto Vadapalani Thiru nagar and disposes at Coovam river via Choolaimedu. (2) M.G.R. canal

is being maintained by GCC having a length of 1.60 km originates from Ramaswamy salai and drains water mainly from K.K.Nagar, Virugambakkam and Valasaravakkam areas to Adyar river through Chulai pallam. (3) Jafferkhanpet canal is being maintained by GCC commences from R.V.Nagar Slum Clearance Board and travels about 0.80 km and drains rainwater from saidapet and Ashok Nagar areas through Muthurangam block to Adayar river. (4) Part of Mambalam Canal is being maintained by GCC to a length of.0.90 km, are travels from venkatnarayana road to CIT Nagar main road which disposes the rain water from CIT Nagar, T.Nagar, Saidapet and part of Nungambakkam areas into Adyar river..

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure.

Storm Water Drains were constructed by GCC for a distance of 195.93 km to ease the flow of rain water. The details of various water bodies in this zone is listed below,

Canals

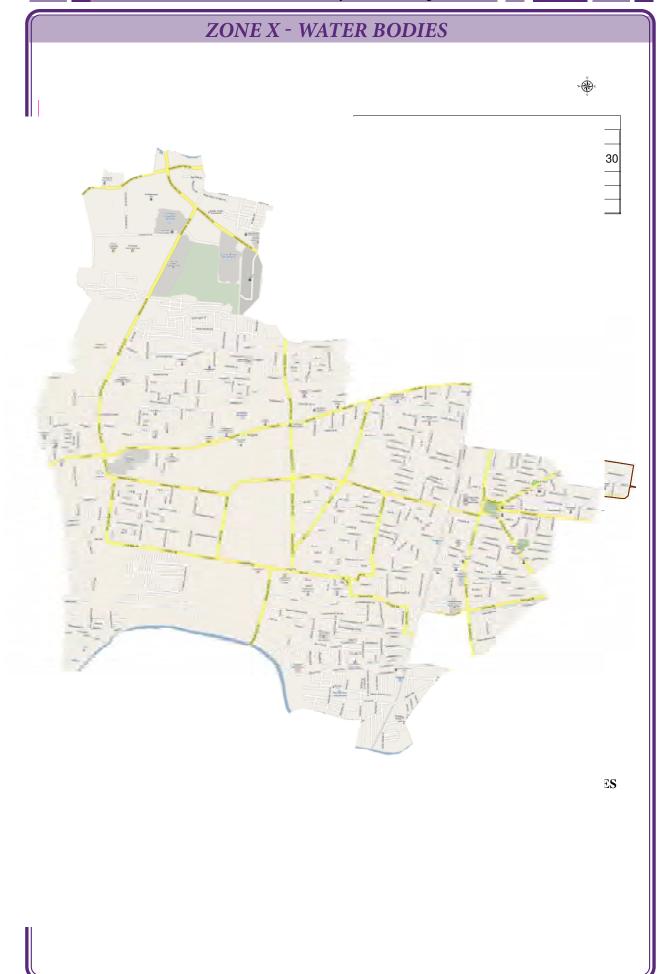
SI. No.	Name of the Canal	Wards Covered	From	То	Length (Km)
1	Virugambakkam Canal	127, 129 & 130	Natesan nagar	Vadapalani,Thiru Nagar	5.00
2	MGR Nagar Canal	131, 138	RamasamySalai	Adyar River	1.60
3	Jafferkhan Pet Canal	139	R.V.Nagar SCB	Muthurangam Block	0.80
4	Mambalam Canal	141	Venkatnarayana Road Bridge	CIT Nagar 1st Main Road	0.90
Total					8.30

Other water bodies: River

SI No	I OI IND	Wards Covered	From	То	Length of River (Km)
1	Adayar River	137, 138, 139 & 142	Khan Nagar 12th street	Saidapet Bridge	4.20

Ponds

S. No	Ward No.	Ward Name	Location	Area in M²
1	129	Saligramam	Baskar Colony Inside Park (Pond)	1600
2	142	Saidapet	Karaneeswarar Koil inside Temple (pond)	4900
3	142	Saidapet	Perumal Koil Inside Temple (pond)	900
4	130	Vadapalani	VadapalaniMuruganOutside Temple (Pond)	4733.35
5	140	Saidapet	EllaiammanKoil inside Temple (pond)	6181.04



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

757 storm water drains to a length of 195.08 km were constructed to ease the flow of rain water in Kodambakkam zone. The details of SWD are given below.

SI. No.	Ward No./ Name	No. of Drains	Length in km
1	127/Koyambedu	88	22.41
2	128/Virugambakkam	74	14.32
3	129/Saligramam	76	16.22
4	130/Vadapalani	34	7.82
5	131/ Ram Colony	44	9.98
6	132/Kodambakkam	62	17.86
7	133/ T.Nagar	50	17.34
8	134/ Thambaiah road	53	13.57
9	135/Ashok Nagar	47	15.80
10	136/ K.K.Nagar	38	13.51
11	137/ K.K.Nagar	54	9.74
12	138/Jafferkhanpet	14	5.46
13	139/R.R.Colony	40	6.45
14	140/Saidapet	23	5.91
15	141/V.O.C.Nagar	31	11.48
16	142/ Saidapet	29	6.71
	Total	757	194.58

Water stagnated streets in the previous monsoon - heavy rain fall

During the last monsoon, 8 inundated vulnerable spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this zone.

The identified water stagnation and the actions taken to dispose the rain water in each location is as below.

S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	127/ Koyambedu	100 feet road (junction of Kaliamman Koil Street)	10H.P - 2	Kaliammn Koil street	Virugambakkam Canal
2	127/ Koyambedu	Kaliamman Koil Street (infront of police station)	10H.P	K10 Police Station	Highways SWD
3	127/ Koyambedu	Kaliamman Koil Street (from CMWSSB STP to Sainagar annex)	10H.P	Kaliamman Koil Bus Stand	Virugambakkam Canal
4	128/ Virugambakkam	Vembuliamman Koil street	10H.P	Vembuliamman Koil street	Vembuliamman Koil Swd
5	130/ Vadapalani	100 feet Road (junction of periyarpathai)	10H.P	Periyar Pathai	100 Feet Road Highway Swd
6	131/ K.K.Nagar	RajamannarSalai	2Nos of 10.H.p	Rajamannar Salai	Rajamannar Salai
7	134/ Kodambakkam	Rangarajapuram	10 H.P	Rangarajapuram	Rangarajapuram Swd
8	136/ T.Nagar	North Usman Road	3 Nos of H.P	Near Viveks & Co	Bazulla Road Swd



Ward 136, North Usman Road

Water stagnated streets in the previous monsoon 2015 -Heavy Rainfall

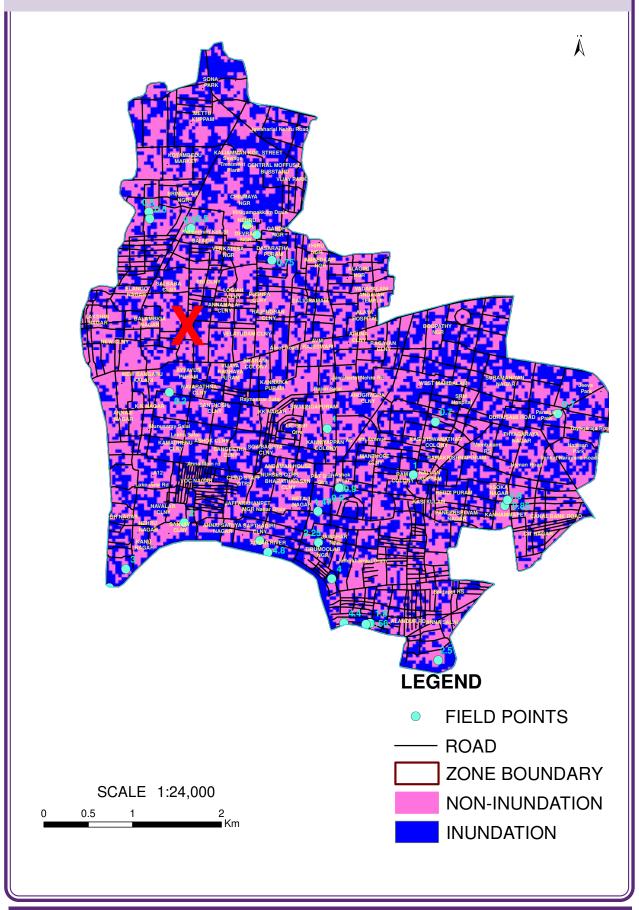
S. No	Ward/ Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	127/ Koy- ambedu	Kaliammankoil street	10 H.P	Kaliammankoil street	SWD
2		100 Feet Road	10 H.P	100 Feet Road	SWD
3	128 & 129	Arcot Road	2- 10 H.P	Arcot Road	SWD
4	128/ Viru- gambakkam	Lambet Nagar	10 H.P	Lambet Nagar	SWD
5	129/ Saligramam	K.K.Salai	5 H.P	K.K.Salai	SWD
6	130/ Vada- palani	Nerkundrum pathai east	10 H.P	Nerkundrum pathai east	SWD
7	130/ Vada- palani	Alaghiri Nagar 1st cross street	5H.P	Alaghiri Nagar 1st cross street	SWD
8	130/ Vada- palani	Kanniappa street	5 H.P	Kanniappa street	SWD
9	130/ Vada- palani	Valliammal street	10 H.P	Valliammal street	SWD
10	132/ AshokNagar	4th Avenu	-	-	Natural drain through SWD
11	132/ AshokNagar	18th Avenu & 19th Avenu	2- 10 H.P	18th Avenu & 19th Avenu	SWD
12	132/ Ashok Nagar	Kamaraj Salai	-	-	Natural drain through SWD
13	133/ Ram Colony	Postal Colony 4th street	10 H.P	Postal Colony 4th street	SWD

S. No	Ward/ Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
14	133/ Ram Colony	Postal Colony 2nd street	10 H.P	Postal Colony 2nd street	SWD
15	133/ Ram Colony	4th Avenu	-	-	Natural drain through SWD
16	133/ Ram Colony	Duraisamy Road	-	-	Natural drain through SWD
17	133/ Ram Colony	21st Avenu	-	-	Natural drain through SWD
18	134/ Kodam- bakkam	Rangarajapuram main road	10 H.P	Rangarajapuram main road	SWD
19	134/ Kodam- bakkam	Parangusapuram	10 H.P	Parangusapuram	SWD
20	134/ Kodam- bakkam	Aziz nagar Main road, 1st , 2nd & 3rd street	10 H.P	Aziz nagar Main road, 1st, 2nd & 3rd street	SWD
21	135/ West Mambalam	Station Road	10 H.P	Station Road	SWD
22	135/ West Mambalam	Sathyanarayanan Street	-	-	Natural drain through SWD
23	135/ West Mambalam	Lake View Road	10 H.P	Lake View Road	SWD
24	131/ K.K.Nagar	R.K. Shanmugam- salai	2 - 10 H.P	R.K. Shanmu- gamsalai	SWD

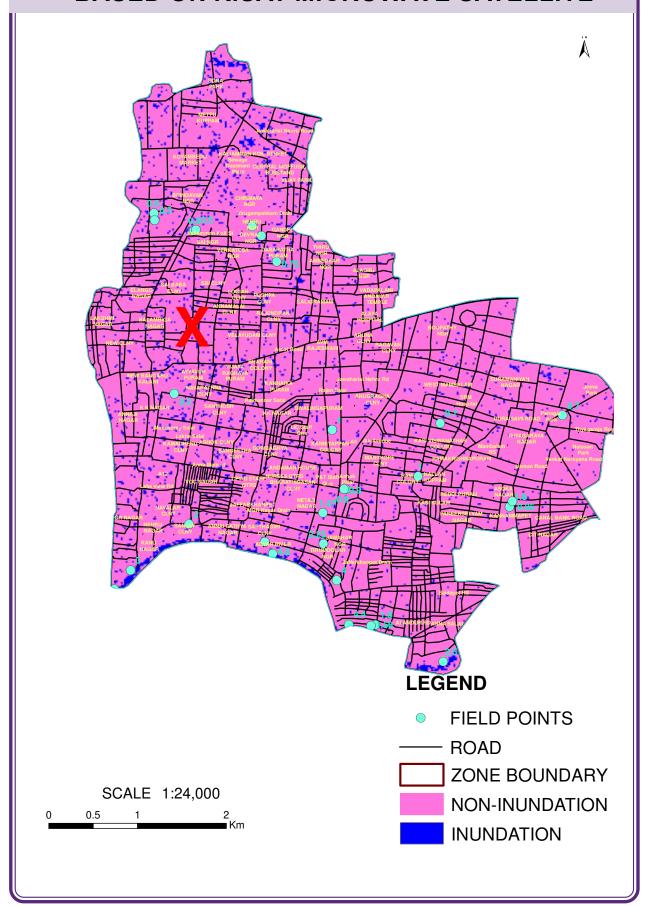
		vianagement i ian			dec
S. No	Ward/ Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
25	131/ K.K.Nagar	Sathyagarden	10 H.P	Sathyagarden	SWD
26	131/ K.K.Nagar	BharaniColony	10 H.P	BharaniColony	SWD
27	137/ K.K.Nagar	Rajamannar Salai	2- 10 H.P	Rajamannar Salai	SWD
28	137/ K.K.Nagar	8th Sector	1	-	Natural drain through SWD
29	137/ K.K.Nagar	7th Sector 37th street	-	-	Natural drain through SWD
30	136/ T.Nagar	Northusman Road	3- 10 H.P	Near Viveks & Co	SWD
31	136/ T.Nagar	Thukaram Street, 1st, 2nd street	-	-	Natural drain through SWD
32	140/ Saidapet	Kodambakkam Road	-	-	Natural drain through SWD
33	141/ V.O.C. Nagar	Southusman Road	10 H.P	Southusman Road	SWD
34	141/ V.O.C. Nagar	Gopal Street	-	-	Natural drain through SWD
35	138/ Jafferkhan pet	Ambedkar Colony	2- 10 H.P	Ambedkar Colony	Bazulla Road Swd

Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



INUNDATION EXTENT ON 7TH **DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE**



ZONE X

ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMPS





Stagnation of water in streets due to sewer blocks in 2015

SI. No.	Ward No./ Name	Name of the Streets	No. of Man holes
1	127/ Koyambedu	Srinivasa Nagar 1 to 6, Magamma Nagar, KaliammanKoil street ,Sriayyappa Nagar 1 st Main Road, North Mada street Brindavan Nagar, Kumaran Nagar 3 rd Main Road, Kumaran Nagar 1 st Cross street, Natesan Nagar, Jai Nagar 2 nd Main Road, Jai Nagar 11thm street&Nerkundram Road	47
2	128/ Virugambakkam	Elango Nagar, OttaipillaiyarKoil street, AnnaiSathya Nagar, Tarachand Nagar, ThangalUvlvayil street, &Venkatesh Nagar Main Road	19
3	129/ Saligramam	Vinayagam Street, Kamaraj street, Logaiah street, Gangappan street PonniammanKoil street Majeeth Nagar, Kumaran Colony Main Road, Velayutham Street, S.S.R.Pankajam Road, Kaveri street, State Bank Colony 2 nd & 3 rd street &Mathiazhagan Nagar	57
4	130/ Vadapalani	Alagirinagar 1 st & 2 nd street, BajanaiKoil 130/ Vadapalani 1 st & 2 nd street, Kumaran Colony Main Road&NerkundramPathai East	
5	132/ Ashok Nagar	2 nd Avenu,4 th Avenu, 6 th Avenu, 7 th Ashok Nagar,9 th Avenu,10 th Avenu,12 th Avenu,18 th Avenu,48 th Street &KamarajSalai	40
6	133/ RamColony	Postal Colony 3 rd Street, R.N.Nambiar Street, Mahadevan Street Ext & Ashok Nagar 15 th Street	14
7	134/ Kodambakkam	Vishwanathapuram 1 st Main Road &Rangarajapuram Main Road Near School	9
8	136/ T.Nagar	Bazulla Road, Usman Road, Ragaviah Road, G.N.ChettyRoad,RangabashyamS treet,Guild street, Natesan Street, Muthu Krishnan Street, Rameshwaram Road & Lakshmi Narasimman Street	38

SI. No.	Ward No./ Name	Name of the Streets	No. of Man holes
9	137/ K.K.Nagar	RajamannarSalai, 10 th Sector59,61,64, & 65 th street, 9 th sector,8 th Sector,7 th Sector, 4 th Sector, RamasamySalai,Lakshmansam ySalai, AlagirisamySalai, Kamaraj Street, Jaibalaji Nagar, Vannier Street, M.G,R Nagar Periyar Street, ChoolaiPallam& Rajiv Gandhi Nagar	60
10	138/Jafferkhanpet	SM Block GurushaveStreet,SM Block John Kennedy Street, Pari Nagar All street Bharathidasan Colony Main Road,Thiru Perkhanpet Nagar Kabilan Street, MGR Nagar Palai Street, MGR Nagar Sanjai Gandhi Street MGR Nagar V.N.Janaki Street, MGR Nagar Palai Street &AnnaiSathya Nagar	
11	139/ R.R.Colony	Jothiramalingam Nagar, Sarathi Nagar &Muthurangam Block	12
12	140/ Saidapet	Old MambalamRoad,Sadaiyappan Street Dhanapal Street, VazhaiThoppu Pushpavathiammal Street&Vandikaran Street	24
13	141/ V.O.C.Nagar	VaradarajanKoilstreet,South West BoagRoad,SouthDhandapani Street, MaduraiveeranKoil Street&Madley 2 nd Street	19
14	142/ Saidapet	Jayaramstreet,Narayanasamy street DuraisamyThottam,KothavalChavadi Street&Godhamedu	17
		Total	437

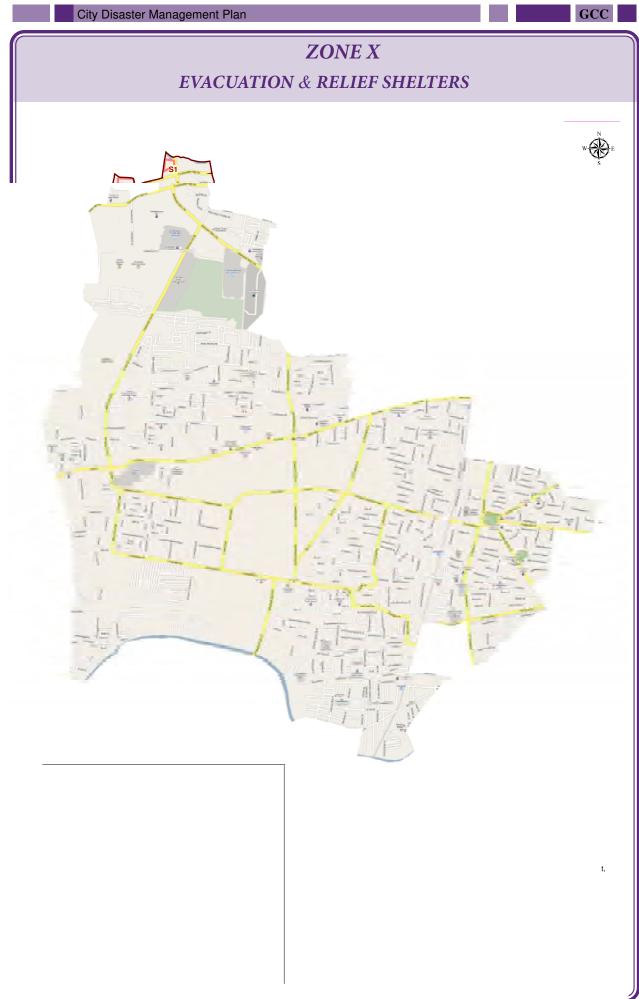
Relief Centres

There are 7 relief centres to a total capacity of 3250 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.



SI. No.	Ward No/ Name	Capacity	Name &Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge (Designation/	Contact No.
			Chennai Higher Secondary School,					Sanitation, Medicine Evacuation	Sanitary Inspector Assistant Engineer	9445025927 9445190427
1	127/ Koyambedu	500	Koyambedu and Chennai Primary	New Colony, Mettukulam	YES	YES	NO	Food & Drinking water	Assistant Revenue Officer	9445190090
			School, Koyambedu, school street					Relief Materials	Assistant Engineer	9445190427
								Sanitation, Medicine	Sanitary Inspector	9445025928
			Chennai Higher Secondary School					Evacuation	Assistant Engineer	9445190428
2	128/ Virugambakkam	500	, School street, Virugambakkam	Lambert Nagar	YES	YES	S NO	Food & Drinking water	Assistant Revenue Officer	9445190090
								Relief Materials	Assistant Engineer	9445190428
								Sanitation, Medicine	Sanitary Inspector	9445025940
								Evacuation	Assistant Engineer	9445190437
3	137/ K.K. Nagar	500	Chennai Middle School at Kamarajar st.	Choolai pallam, Dr.Khanu Nagar	llam, .Khanu YES	YES YES	YES NO	Food & Drinking water	Assistant Revenue Officer	9445190090
			St.	Ivagai				Relief Materials	Assistant Engineer	9445190437
			Chennai	Jaffer khanpet,	YES			Sanitation, Medicine	Sanitary Inspector	9791772493
			Higher Secondary School	Pari Nagar,				Evacuation	Assistant Engineer	9445190438
4	138/ Jafferkhanpet	300	govindasamy 300 street& Chennai	Thiru Nagar , SM		YES	YES NO	Food & Drinking water	Assistant Revenue Officer	9445190090
			Primary School govindasamy street	Block,				Relief Materials	Assistant Engineer	9445190438

						., <u>-</u>	0.0	ago	ment Plan		GCC
	SI. No.	Ward No/ Name	Capacity	Name &Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge (Designation/	Contact No.
									Sanitation, Medicine	Sanitary Inspector	9445025939
									Evacuation	Assistant Engineer	9445190439
ļ	5	139/ R.R.Colony	400	Chennai High School,	Jothirama lingam Nagar, Muthurangam	YES	YES	NO	Food & Drinking water	Assistant Revenue Officer	9445190090
		,	Jafferkhanpet main road Jafferkhanpet sarathinagar YES YES		Relief Materials	Assistant Engineer	9445190439				
			50	Chennai High School , CIT Nagar 4 th main road	Canal Bank Road	k YES	ES YES	YES NO	Sanitation, Medicine	Sanitary Inspector	9445025941
		141/ V.O.C. Nagar							Evacuation	Assistant Engineer	9445190441
(ŝ								Food & Drinking water	Assistant Revenue Officer	9445190090
									Relief Materials	Assistant Engineer	9445190441
									Sanitation, Medicine	Sanitary Inspector	9445025940
				Chennai Primary					Evacuation	Assistant Engineer	9445190442
				School, BazaarRoad, Chennai	Thideer				Food & Drinking water	Assistant Revenue Officer	9445190090
	7	142/ Saidapet			Nagar & Godhamedu	YES	YES	8 мо	Relief Materials	Assistant Engineer	9445190442



Zone - 10 562

Subways

There are 5 subways in this zone namely Rangarajapuram, Madley, Duraisamy, Alandur and Jones road subways. The electrical pumps and diesel pumps are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No	Location	Length in 'm'	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Ward 134 Rangarajapuram	140	Railway Border Road Storm Water Drain	12.5 HP -2 , 10HP -2 & 25 HP -2
2	Ward 135 Madley	325	Madley Service Road	25 H.P -1, 12 H.P-2 & 7.5 H.P-4
3	Ward 136 Duraisamy	289	Duraisamy Road Storm Water Drain	25 H.P -2 & 12.5 H.P-3
4	Ward 142 Alandur road	290	Alandur Road Storm Water Drain	25 H.P -1, 7.5 H.P-2 & 10.00 H.P-2
5	Ward 142 Jones road	200	Jones Road Storm Water Drain	25 H.P -1 & 7.5 H.P -6



Ward 142, Jones Road Subway

563 Zone - 10

Tree fall

During the last monsoon, in this zone totally 66 tree branches/trees were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

CI			
SI.	Ward No.	Ward Name	Name of the Streets
No.	INO.		
1.	127	Koyambedu	Karumariannankoil street, Natesan Nagar, Sri ayyappanagar, SaiNagar,NorthMada street &Ragavendra Colony
2	128	Virugambakkam	Kamaraj Colony, SaibabaColony, UdhayamColony, AnnajiColony, Reddy Street &Thangal street
3	129	Saligramam	DasarathaPuram, Logaiya Colony , Kumaran Colony & SBI Colony
4	130	Vadapalani	Karumari Amman Koil street, KumaranVolony, & 100 Feet Road
5	131	K.K.Nagar	Ranianna Nagar, RajamannarSalai, P.t.RajanSalai, & 6 th Sector K.K.Nagar
6	132	Ashok Nagar	4 th Avenu, 11 th Avenu, 2 nd Avenu, 15 th sector 101th Street, & 15 th sector 104 th street
7	133	Ram Colony	12 th Avenu, Kavarai street, Karnan street , Mahadevan street& 50 [™] Street Ashok Nagar
8	134	Kodambakkam	Rangarajapuram, Posal Colony, VishvwanapuramPuram&Vishwanathapuram
9	135	Thambaiah Road	Posatal Colony &Kirupasankarai street
10	136	T.Nagar	Dr.Nair Road, G.N.Chetty Road, Bazulla Road, Somasundram Street, Coats Road &Ragaviah Road
11	137	K.K.Nagar	RajamannarSalai, MunusamySalai, 4 th Sector, 12 th Sector &R.K.ShanmugamSalai.
12	138	Jafferkhan Pet	Bharathidasan Colony, & 4 th Sector
13	139	R.R.Colony	R.R.Colony
14	140	Saidapet	Rajaji street, Sambagi street &VadivelPuram
15	141	V.O.C.Nagar	C.I.T.Nagar, Canal Bank Road &Burkit Road
16	142	Saidapet	Subramani street &Jennis Road

Streets - water entered houses - do not require evacuation

During the last monsson, 6 inundated spots where water entered houses but do not require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 6 locations were inundated for more than a day by which the normal day to day activity of 540 people were standstilled. Flood water from these areas were cleared by using 9 pumps ranging from 5 HP & 10 HP capacity. The identified vulnerable spots and the action taken to dispose the rain water in each location is as below,

SI. No	Ward No./Name	Streets where water enters house - not require evacuation			
1	128/ Virugambakkam	VembuliammanKoil Street			
2	134/ Kodambakkam	Parankusapuram Street			
3	131/K.K.Nagar	RajamannarSalai			
4	131/K.K.Nagar	Bharani Colony			
5	140/ Saidapet	K.R.Koil street			
6	141/V.O.C.Nagar	Modal House Road			

Streets that require evacuation

During the heavy flood that occurred in 2015, in this zone 2195 people were evacuated from Jaferkhanpet, Koyembedu, K.K.Nagar, Virugambakkam and Saidapet and they are accomodated in 12 Chennai Primary, Middle & Higher Secondary Schools. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details are given below.

SI No.	Ward No./ Name	Streets	No. of persons	Years	Relief centre
1	127 Koyambedu	Kannaki Nagar , Arumbakkam	150	2015-2016	Chennai Middle School, TSD Nagar
2	127 Koyambedu	New Colony	200	2015-2016	Chennai High School, Koyambedu

SI No.	Ward No./ Name	Streets	No. of persons	Years	Relief centre
3	128 Virugambakkam	Elango Nagar, Ganapath Raj Nagar	25	2015-2016	Commmunity Hall , KamarajSalai, Virugambakkam
4	128 Virugambakkam	AnnaiSathya Nagar	75	2015-2016	Chennai Primary School, Nesapakkam
5	137 K.K.Nagar	Choolaipallam	500	2015-2016	Chennai Middle School, Kamaraj Street
6	137 K.K.Nagar	Khau Nagar	450	2015-2016	Chennai High Secondary School, Erikkarai Street
7	138 Jafferkhanpet	Jafferkhanpet, Pari Nagar,	25	2015-2016	Chennai Primary School,,Govidasamy Street Mgr Nagar
8	138 Jafferkhanpet	Thiru Nagar , SM Block	75	2015-2016	Chennai High Secondary School, Govidasamy Street Mgr Nagar
9	139 R.R.Colony	Jothiramalingam Nagar, Muthurangam block &Sarathinagar	450	2015-2016	Chennai High School, Jafferkhanpet, Chennai
10	141 V.O.C.Nagar	Canal Bank Road	20	2015-2016	Chennai High School, C.I.T.Nagar4th Main Road
11	142 Saidapet	Thideer Nagar	125	2015-2016	Chennai Middle School, - Thideer Nagar
12	142 Saidapet	Godhamedu	100	2015-2016	Chennai Primary School, - Bazaar Road
		Total	2195		

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There is one battery powered light available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

C No	Mari No	Contact person			
S.No	Ward No.	Designation	Contact No.		
1	131, 138, 139	Assistant Engineer	94451 91453		
2	130, 134	Junior Engineer	94454 77683		
3	133,135	Junior Engineer	9445091456		
4	129, 132, 137	Junior Engineer	9941222906		
5	127, 128	Junior Engineer	94451 91458		
6	140, 142	Electrical Junior Engineer	94451 91457		
7	136, 141	Lighting Inspector	9445191454		
8	127 to 142	Additional Divisional Engineer (Zone)	9445190050		
9	127 to 142	Divisional Engineer (HQ)	9445190754		

National Disaster Response Force (NDRF)

In this zone, the NDRF to be stationed locations is given below,

SI.No.	Ward No.	Where NDRF to be stationed and deployed
1	138	Nsk Salai Corporation Mandabam to Pari Nagar
2	139	NskSalai Corporation Mandabam, Jothiramalingam Nagar, Sarathi Nagar, Muthurangam Block
3	142	Cps School at Bazzar Road to Godhamedu, &Thideer Nagar

NDRF

The Commandant
04, Battalion(NDRF)
Suraksha Campus
Takkolam, Arakkonam
Vellore District – 631 152
Phone No. 04177 – 246594/246269



Ward 138, Pari Nagar

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

SI.No.	Ward No.	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact No
1	127	New Colony & Kulasekarapuram -1 No	Ragavendra Colony main Road	Assistant Engineer 9445190427
2	138	Annaisathya Nagar, Pari Nagar- 2 No	VM Balakrishnana Street	Assistant Engineer 9445190438
3	139	Jothiramalingam Nagar , Sarathinagar & Muthurangan Block -6 Nos	Ragavareddi colony	Assistant Engineer 9445190439
4	141	C.I.T.Nagar 1st Main Road -1 No	C.I.T.Nagar 4 th Main Road	Assistant Engineer 9445190441
5	142	Godhamedu -3 Nos	Godhamedu	Assistant Engineer 9445190442

ZONE X **EVACUATION AREA, NDRF TEAM & BOAT LOCATION**

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 8 debris lorries,5 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available in the zone is given below

No. of lorries and type kept in readiness		
Open Debris lorry - 3 Nos		
Skid steer loaders (Bob cat) - 2 Nos		
(Front end loader) JCB - 1 No.		

Assistant Engineer contact No.	JCB	Bob cat	Open lorry	Water tanker Lorry	Hydraulic Ladder
9445190690	1	2	3	0	3

Less than 2.5 m streets that cannot be accessed by Vehicles

SI.No.	Ward No./Name	Name of the Streets
1.	129/Saligramam	Thamba street, V.P.Agilan street, Shanmugasundaram Street 1st Lane, Shanmugasundaram Street 3rd Lane &Shanmugasundaram Street 4th Lane
2	130/Vadapalani	Bakthavatchalam Colony 4 th Lane
3	131/K.K.Nagar	MGR Nagar Nedunchezian lane 1 to 10 lanes, MGR Nagar Anjugam cross street, Vijayaragavapuram Cross Street 1st Lane &Vijayaragavapuram 2nd lane
4	132/Ashok Nagar	Ottagapalayam I to 13 street
5	133/Ram Colony	Appasamy Lane, R.N.Nambiar Lane &Kasikulam Slum Ten Lanes
6	137/K.K.Nagar	MGR Nagar Ponmanachemmal Street, Anbanandam 1st Street, Anbanandam 2nd Street, Anbanandam 3rd Street, Misha Abraham Cross Street, Choolai Street &MuthuramalingaDevar 1st and 2nd Street
7	138/Jafferkhanpet	JafferkhanpetKanni 2nd Street,Pachaiappan 1st cross lane, MGR Nagar ZakirHussain 1st lane,MGR Nagar Pulithevan 1st cross lane,MGR Nagar Pulithevan 2nd cross lane,JafferkhanpetAyyavoo cross lane&Jafferkhanpet Gandhi 1st lane
8	139/R.R.Colony	Elangovadigal street
9	141/V.O.C.Nagar	South Dhandapani Street Lane

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of ward committee and other line departments are as follows.

Ward committee - 127 Ward Councillor - 9445467127

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190427
GCC - Electrical	Junior Engineer	9445191458
GCC- Health	Sanitary Inspector	9445025927
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190627
GCC - Revenue	Tax Collector	9789844898/7395979897
Revenue	Revenue Inspector	8190949956
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930127
TANGEDCO	Junior Engineer	9445850302/9445850303/94 45850224
BSNL	Assistant Engineer	9444979668
Fire service	Inspector	944510090
Police station	Inspector	9498133661/6383629553/87 54555999
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Councillor - 9445467128

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190428
GCC - Electrical	Assistant Engineer	9445191458
GCC- Health	Sanitary Inspector	9445025927
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190628
GCC - Revenue	Tax Collector	98402933354/9444136737
Revenue	Revenue Inspector	98402933354
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930128
TANGEDCO	Junior Engineer	9445850210/9445850224/ 9445850207/9445850219
BSNL	Assistant Engineer	9444213464
Fire service	Inspector	9444510090
Police station	Inspector	8778004284/9751516706
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward committee – 129

Ward Councillor - 9445467129

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190429
GCC - Electrical	Assistant Engineer	9445191455
GCC- Health	Sanitary Inspector	9445025930
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190629
GCC - Revenue	Tax Collector	9080728941
Revenue	Revenue Inspector	8838234547
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930129
TANGEDCO	Junior Engineer	9445850207/9445850223
BSNL	Assistant Engineer	044-23762344
Fire service	Inspector	9445086067
Police station	Inspector	9751516706
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Councillor - 9445467130

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190432
GCC - Electrical	Assistant Engineer	9941222906
GCC- Health	Sanitary Inspector	9445025930
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190632
GCC - Revenue	Tax Collector	9444886007/9710879159
Revenue	Revenue Inspector	8072570571
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930130
TANGEDCO	Junior Engineer	9445850205/9445850204
BSNL	Assistant Engineer	9444972526
Fire service	Inspector	9445086046
Police station	Inspector	9498128655
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward committee - 131

Ward Councillor - 9445467131

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190431
GCC - Electrical	Assistant Engineer	9445091456
GCC- Health	Sanitary Inspector	9445025931/9894046857
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190633
GCC - Revenue	Tax Collector	9677297655
Revenue	Revenue Inspector	8072570571
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930131
TANGEDCO	Junior Engineer	9445850204/9445850205
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9444772010
Police station	Inspector	7010622932
PWD	Assistant Engineer	9444165367
TNSCB	Executive Engineer	8072380917
Highways	Assistant Engineer	8072380917

Ward Councillor - 9445467132

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190432
GCC - Electrical	Assistant Engineer	9445477683
GCC- Health	Sanitary Inspector	9445025932
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190632
GCC - Revenue	Tax Collector	9884346863
Revenue	Revenue Inspector	9384094033
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930132
TANGEDCO	Junior Engineer	9445850216
BSNL	Assistant Engineer	9444393322
Fire service	Inspector	9445086046
Police station	Inspector	
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward committee - 133

Ward Councillor - 9445467133

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190433
GCC - Electrical	Assistant Engineer	9445191454
GCC- Health	Sanitary Inspector	9445025935/9842315661
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190633
GCC - Revenue	Tax Collector	9841249399/9941856100
Revenue	Revenue Inspector	8072570571
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930133
TANGEDCO	Junior Engineer	9445850764/9445850765/ 9445850768
BSNL	Assistant Engineer	9445884422/9486108393
Fire service	Inspector	9445086046
Police station	Inspector	9442535605/8667702606/ 8754479055
PWD	Assistant Engineer	7904960896
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Councillor - 9445467134

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190434
GCC - Electrical	Assistant Engineer	9445191456
GCC- Health	Sanitary Inspector	9445025934/9894046857
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190634
GCC - Revenue	Tax Collector	9789905841
Revenue	Revenue Inspector	9384094042
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930134
TANGEDCO	Junior Engineer	9445850769/ 9445850770
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	Inspector	9444772010
PWD	Assistant Engineer	7904960896
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward committee - 135

Ward Councillor - 9445467135

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190435
GCC - Electrical	Assistant Engineer	9445191467
GCC- Health	Sanitary Inspector	9445025935/9500108078
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190635
GCC - Revenue	Tax Collector	8754570336
Revenue	Revenue Inspector	8072570571
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930135
TANGEDCO	Junior Engineer	9445850204/9445850205
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	Inspector	9444772010
PWD	Assistant Engineer	7010622932
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

575 **Zone - 10**

Ward Councillor - 9445467136

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190436	
GCC - Electrical	Assistant Engineer	9445191453	
GCC- Health	Sanitary Inspector	9445025937	
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726	
GCC - Solid waste management	Conservancy Inspector	9445190636	
GCC - Revenue	Tax Collector	9043853058	
Revenue	nue Revenue Inspector		
GCC - Park overseer	CC - Park overseer Park Supervisor		
CMWSSB	Assistant Engineer	8144930136	
TANGEDCO	Junior Engineer	9445850210/9445850205/ 9445850209	
BSNL	Assistant Engineer	9444213464	
Fire service	Inspector	9445086046	
Police station	Inspector	7603894015	
PWD	Assistant Engineer	9444313022	
TNSCB	Executive Engineer	7598343853	
Highways	Assistant Engineer	8072380917	

Ward committee - 137

Ward Councillor - 9445467137

Name of the department	e of the department Designation	
GCC - Engineering	Assistant Engineer	9445190437
GCC - Electrical	Assistant Engineer	9445191455
GCC- Health	Sanitary Inspector	9445025937
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190637
GCC - Revenue	Tax Collector	6374002058
Revenue	Revenue Inspector	8838234547
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930137
TANGEDCO	Junior Engineer	9445850209/9445850211
BSNL	SNL Assistant Engineer 94451	
Fire service	Inspector	9445086046
Police station	Inspector	9498128655/9498129521
PWD	Assistant Engineer	9884219380
TNSCB	Executive Engineer	9942773961
Highways	Assistant Engineer	9841184976

Ward Councillor - 9445467138

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190438
GCC - Electrical	Assistant Engineer	9445191453
GCC- Health	Sanitary Inspector	9445910938
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190638
GCC - Revenue	Tax Collector	9444136737
Revenue	Revenue Inspector	8838005959
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930138
TANGEDCO	Junior Engineer	9444512712
BSNL	Assistant Engineer 94450128	
Fire service	Inspector	9445086046
Police station	Inspector	9444118320
PWD	Assistant Engineer	9443130220
TNSCB	Executive Engineer	9445802633
Highways	Assistant Engineer	8072380917

Ward committee - 139

Ward Councillor - 9445467139

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190439	
GCC - Electrical	Assistant Engineer	9445191453	
GCC- Health	Sanitary Inspector	9791772493	
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726	
GCC - Solid waste management	Conservancy Inspector	9445190639	
GCC - Revenue	Tax Collector	9444057321	
Revenue	Revenue Inspector	8838005959	
GCC - Park overseer	Park Supervisor	9445194751	
CMWSSB	Assistant Engineer	8144930139	
TANGEDCO	Junior Engineer	9445850780/9445850226	
BSNL	Assistant Engineer	9436155510	
Fire service	Inspector	9445086046	
Police station	Inspector	7708542609	
PWD	Assistant Engineer	9443130220	
TNSCB	Assistant Engineer	9445802633	
Highways	Assistant Engineer	8072380917	

Ward Councillor - 9445467140

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190440
GCC - Electrical	Assistant Engineer	9445191457
GCC- Health	Sanitary Inspector	9445025940
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190640
GCC - Revenue	Tax Collector	9943743091
Revenue	Revenue Inspector	8148893229
GCC - Park overseer	GCC - Park overseer Park Supervisor	
CMWSSB	Assistant Engineer	8144930140
TANGEDCO	Junior Engineer	9445850770/9445850778/ 9445850780
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	ation Inspector	
PWD	Assistant Engineer	7904960896
TNSCB	Assistant Engineer	9445802633
Highways	Assistant Engineer	8072380917

Ward committee - 141

Ward Councillor - 9445467141

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190441
GCC - Electrical	Assistant Engineer	9445191454
GCC- Health	Sanitary Inspector	9445025941
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190641
GCC - Revenue	Tax Collector	9176675553
Revenue	Revenue Inspector	8778223247
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930141
TANGEDCO Junior Engineer		9445850781
BSNL	Assistant Engineer	9486108393
Fire service	Inspector	9445086046
Police station	Inspector	9840323723
PWD	Assistant Engineer	9444903449
TNSCB	Assistant Engineer	9840056419
Highways	Assistant Engineer	9789965555

Ward committee – 142 Ward Councillor – 9445467142

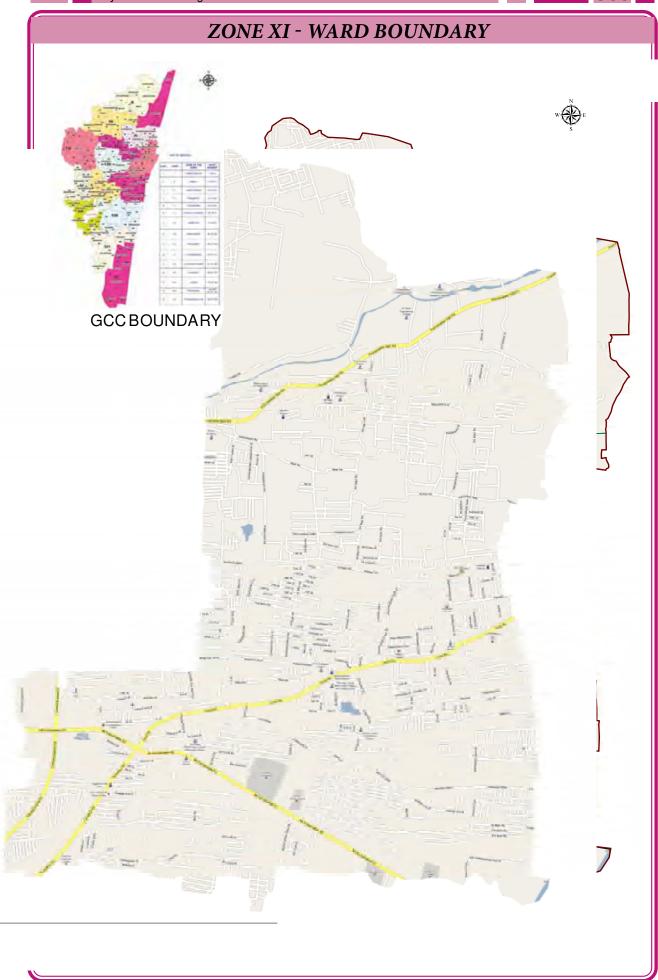
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190442
GCC - Electrical	Assistant Engineer	9445191457
GCC- Health	Sanitary Inspector	9445025940
GCC – Veterinary	Veterinary Assistant Surgeon	9677029726
GCC - Solid waste management	Conservancy Inspector	9445190642
GCC - Revenue	Tax Collector	8610755688
Revenue	Revenue Inspector	8148893229
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930142
TANGEDCO	Junior Engineer	9445850778 /9445850796/9445850780
BSNL	Assistant Engineer	9449813373
Fire service	Inspector	9445086046
Police station	Inspector	7708542609 / 9498131600
PWD	Assistant Engineer	9444027947
TNSCB	Assistant Engineer	9445802633
Highways	Assistant Engineer	8903050707

ZONE-XI

ZONE CONTENTS

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VALASARAVAKKAM



Zone - 11 582

Profile

The Valasaravakkam zone lies in Latitude 13.04094°, Longitude 80.17215° covering an area of 31.61Sq.km.

There are 3266 roads, out of which 3248 roads to a length of 449.45 Km are Interior Roads, 19 Roads to a length of 16.67 Km are Bus Route Roads which are maintained by GCC, 3 Roads to a length of 8.00 Km which are maintained Highways Department and 1 Road to a length of 4.00 Km are NHAI.

The population is about 4.33 Lakhs that has Male population of 51.25% and Female population of 48.75% in this zone. The most densed area is Ramapuram with a population of 55,000 and the least is Porur with a population of 21,000. The Ward wise population is given below,

SI.No.	Ward. No/Name	Total House Holds Total Population		
1	143 Nolambur	9588	40622	
2	144 Madhuravoil	6526	26011	
3	145 Nerkundram	6990	40062	
4	146 Madhuravoil	8706	28120	
5	147 Madhuravoil	8510	32015	
6	148 Nerkundram	7750	44498	
7	149 Valasaravakkam	7799	23012	
8	150 Karambakkam, Sivabootham	8676	34950	
9	151 Porur	5013	21000	
10	152 Valasaravakkam	7401	23994	
11	153 Porur	7614	24000	
12	154 Ramapuram	4492	40012	
13 155 Ramapuram		8186	55000	
	Total	97251	433296	

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Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	nation Unit/ Ward.No. Office Mobil	
1	Chairman	143 to 155	9444015565
2	Zonal Officer	143 to 155	9445190011

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	U-32 & U-33	9445477702
2	Executive Engineer-2	U-33 A & U-34	94451 90031
3	Assistant Executive Engineer	U-32 (143,144,146,147)	9445190132
4	Assistant Executive Engineer	U-33 (145,148,149,152)	9445190133
5	Assistant Executive Engineer	U-34 (150,151,153,154, 155)	9445190134
6	Additional Divisional Engineer, Electrical	143 to 155	9445190051
7	Assistant Executive Engineer, Mechanical	143 to 155	9840230256

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Conservany supervisor	Unit-32	
2	Conservany supervisor	Unit-33	9445191433
3	Conservany supervisor	Unit-34	

Zone - 11 584

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staffs to report on complaints on any such issues are given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone XI	9445190071
2	Veterinary Surgeon	Zone XI	9445026043
3	Junior Entomologist	Zone XI	7449195461
4	Sanitary Officer	Unit-32	9445467335
5	Sanitary Officer	Unit-33	9444362700
6	Sanitary Officer	Unit-34	9444174135

Parks

There are 89 Parks available in various locations like Nolambur, Madhuravoil, Karambakkm, Porur & Ramapuram etc. in this zone. These parks may serve as buffer zone to assemble and to alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No	Equipment available	Area of operation
1	9578987071 Park Overseer	Power saw – 10	Valasarvakkam

SI.No	Ward	Name Of Ward	Location of the Park
1	143	Nolambur	Nolambur Phase I - 1st Main Road
2	143	Nolambur	Nolambur Phase I - 7th Main Road
3	143	Nolambur	Nolambur Phase I - 3rd Main Road
4	143	Nolambur	Nolambur Phase I - 9th Main Road (New)
5	143	Nolambur	Nolambur Phase II - 7th Cross Street
6	143	Nolambur	Nolambur Phase II - 3rd Cross Street
7	143	Nolambur	Nolambur Phase I - 6th Main Road
8	143	Nolambur	Nolambur Phase II - 13th Cross Street
9	143	Nolambur	Nolambur Phase I - 9th Main Road (Old)
10	143	Nolambur	Nolambur Channel Road
11	143	Nolambur	Nolambur Phase I - 13th Cross Street
12	143	Nolambur	Nolambur MCK Layout 2nd Main Road
13	143	Nolambur	Nolambur Phase I - 6th Cross Street
14	143	Nolambur	VGN Monte Carlo, Garden Street
15	143	Nolambur	VGN Monte Carlo, Park Street
16	143	Nolambur	VOC Salai Park
17	143	Nolambur	S&P Garden 8th Street
18	143	Nolambur	S&P Garden 1st Main Road
19	143	Nolambur	Nolambur Phase I 2nd Main Road
20	143	Nolambur	5th Block Kamarajar 2nd Cross Street
21	143	Nolambur	Sensory Park Sakthi Nagar
22	143	Nolambur	DABC Gokulam Phase I, Sakthi Nagar Main Road
23	143	Nolambur	Chanakiyan Main Road-Brigade
24	143	Nolambur	Chanakiyan Main Road-Brigade
25	143	Nolambur	DABC Mithilam, Sakthi Nagar Main Road Park
26	143	Nolambur	DABC Gokulam Phase III, Sakthi Nagar Main Road
27	143	Nolambur	DABC Gokulam Phase II, Sakthi Nagar Main Road
28	143	Nolambur	DABC Abinayam Phase II, Sakthi Nagar Main Road
29	143	Nolambur	Fomra, Sakthi Nagar II Avenue Park
30	143	Nolambur	Abhinayam Phase III, Sriram Nagar Main Road Park

Zone - 11 586

SI.No	Ward	Name Of Ward	Location of the Park	
31	143	Nolambur	DABC Aishwaryam Phase II, DABC Main Road	
32	143	Nolambur	DABC Aishwaryam Phase I, DABC Main Road	
33	143	Nolambur	VGN la Parisienne, 4th Main Road Phase I Park	
34	143	Nolambur	Jain Sundarban, Guruswamy Salai Park	
35	143	Nolambur	Akshaya Homes, Guruswamy Salai Park	
36	143	Nolambur	VGN Mnerva, Guruswamy Salai Park	
37	143	Nolambur	VGN Mnerva, Guruswamy Salai Park	
38	143	Nolambur	VGN Mnerva, Guruswamy Salai Park	
39	143	Nolambur	City Lights Meadows, Andalammal Street Park	
40	143	Nolambur	Indira Splender, Union Road Park	
41	143	Nolambur	Kegyes Apoorva, Gangai Amman Koil Street Park	
42	143	Nolambur	Jain Nakchatra, Perumal Koil Street Park	
43	143	Nolambur	Galaxy Apartmetns, Phase I II Main Road Park	
44	143	Nolambur	Mogappair West Main Road Park	
45	144	Maduravoyal	VGP Amutha Nagar 3rd Street	
46	145	Nerkundram	Arul migu meenakshi amman nagar	
47	147	Maduravoyal	Aringar anna park	
48	147	Maduravoyal	Pallavan nagar park	
49	147	Maduravoyal	Bharathi nagar park	
50	149	Valasaravakkam	Periyar park, Dr. Radhakrishnan Salai	
51	149	Valasaravakkam	Thiru.vi.ka Gandhi Road	
52	149	Valasaravakkam	Varadha park , Brindhavan Nagar Main Road	
53	149	Valasaravakkam	Alsa park Arcot Road (Near Kesavardhini Bus Stop)	
54	149	Valasaravakkam	Ceebros park , Neithal Street	
55	149	Valasaravakkam	Brindhavan Nagar 5th Street	
56	150	Karambakkam	Karambakkam 1st Street, Karambakkam	
57	150	Karambakkam	Chettiyar Agaram, (SPR Building), Porur, Ch-116	
58	150	Karambakkam	Agni fairy land	

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SI.No	Ward	Name Of Ward	Location of the Park
59	150	Karambakkam	Metro nagar 4th Avenue
60	150	Karambakkam	Ponni Amman Koil Street
61	150	Karambakkam	Sri Parasnath Nagar Samulal Street
62	150	Karambakkam	Maruthi Nagar Phase - 1&2 Park
63	150	Karambakkam	Maruthi Nagar Phase - 3 1st Main Road
64	150	Karambakkam	Le palace Hotel Park
65	150	Karambakkam	Subagiri Park
66	151	Porur	Mount Poonamallee Road (Near Saravana Stores), Porur, Ch-116
67	151	Porur	TCG PARK , Mount Poonamallee Road
68	151	Porur	Mount Poonamallee Road (Near Mugali- vakkam Signal)
69	151	Porur	Lakshmi Nagar 40 feet Road
70	151	Porur	Lakshmi Nagar 8th Cross Street
71	151	Porur	Sabari Nagar
72	153	Porur	Kanniappan Salai
73	153	Porur	Ramakrishna Nagar
74	153	Porur	Ramaswami Nagar
75	153	Porur	Udaya Nagar
76	153	Porur	Sterling Avenue
77	154	Ramapuram	Tamil Nagar park
78	154	Ramapuram	Kurinji Nagar park
79	154	Ramapuram	Giri nagar park
80	155	Ramapuram	Eswaran nagar 3rd street
81	155	Ramapuram	Jai Balaji nagar 1st main road
82	155	Ramapuram	Azhagapuri nagar 6th avenue
83	155	Ramapuram	KP nagar main road
84	155	Ramapuram	Royala nagar 1st main road
85	155	Ramapuram	Ashwini amrasha Park
86	155	Ramapuram	Marvel approva Park
87	155	Ramapuram	TNHB Quarters Park
88	155	Ramapuram	Bharathi Salai
89	155	Ramapuram	Valluvar salai

Zone - 11 588

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are three pumping stations available in Valasaravakkam Zone with average capacity of 6MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station are given below,

SI.No.	Pumping Station	Capacity MLD	No. of pumps
1	Kambar street	6 MLD	20HP – 2 , 22.5HP – 2
2	Thirunagar annex	8 MLD	20HP - 3 22.5HP – 2
3	Kadamban street	6 MLD	20HP – 3 22.5HP – 2

Tamil Nadu Slum Clearance Board tenements

There are 4 TNSCB tenements in Nerkundram, Ramapuram & karambakkam with a population of 6410. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers sas given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI. No.	Ward No./Name	Tenement location	No. of tenement	Population
1	148 Nerkundram	Periyar nagar Thankal karai	40	160
2	155 Ramapuram	Thirumalai nagar VOC Street	250	4000
3	150 Karambakkam, Sivabootham	Gandhi nagar	150	750
4	150 Karambakkam, Sivabootham	Thundalam anna nagar	500	1500
		Total	940	6410

Contact details

Department	Designation	Area	Contact No.
TNSCB	Executive Engineer	14	044- 28444973
Conservancy/ GCC	Conservancy Supervisor	Unit-32	9445191432
Conservancy/ GCC	Conservancy Supervisor	Unit-33	9445191433
Conservancy/ GCC	Conservancy Supervisor	Unit-34	9445191434
Water Sup- ply& Sewage / CMWSSB	Area Engineer	Area - 11	044-24867244

Water Bodies and Waterways

There are 3 Canals passing in this Zone, (1) **Nolambur canal**, maintained by PWD which originates from Nolambur travel about 4 Km in the zone and disposes via Gangaiamman koil street and then melds at Coovum river, (2) **Virugambakkam canal**, maintained by PWD which touches the zone at Bhuvaneswari nagar travels about 1.5 Km in the zone and disposes through Spurtank road and connects Coovum river and (3) **Nandambakkam canal**, maintained by PWD which touches the zone at Subhasree nagar travels about 1.42 Km in the zone and disposes at the rear side of MIOT hospital and drain into Adyar river.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canals maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 130 km to ease the flow of rain water .The details of various water bodies in this zone are listed below,

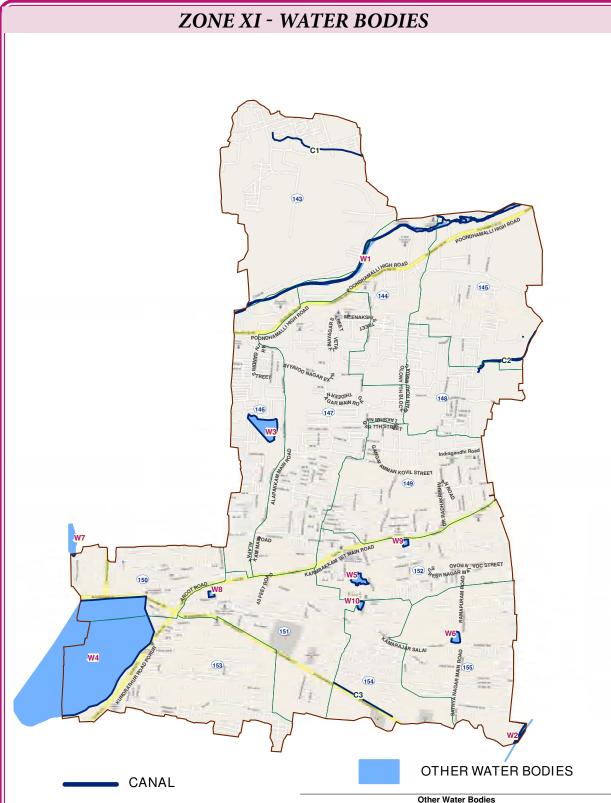
Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Nolambur canal	143	Nolambur	Cooum	4.0
2	Virugambakkam canal	148	Bhuvaneshwari Nagar	Cooum	1.5
3	Nandambakkam canal	154	Subhasree Nagar	Adyar	0.6

Zone - 11 590

Other water bodies

SI No	Ward No	Name of other water bodies	Length / Area
1	144 & 150	Coovum river	3 km
2	155	Adyar River	1 Km
3	146	Alappakkam lake	10 acre
4	150	Porur lake	69000 m²
5	152	Valasaravakkam lake (Mohan brewer- ies lake)	1.4 acre
6	155	Ramapuram lake	1.5 hec
7	150	Chettiyar agaram Tank	84900 m²
8	151	Anjaneyar koil pond	4220 m²
9	152	Sivan koil pond	1.5 acre
10	154	Alangulam pond	580 m²



	Canals						
ID	Name of the Canal Wards From To of Cana (Km)						
C1	Nolambur canal	143	Nolambur	Cooum	4		
C2	Virugambakkam canal	148	Bhuvaneshwari Nagar	Cooum	1.5		
C3	Nandambakkam canal	154	Subhasree Nagar	Adyar	0.6		

ID	Ward	Name of other water bodies	Length / Area
W1	144	Coovum river	3 km
W2	155	Adyar River	3 Km
W3	146	Alappakkam lake	10 acre
W4	150 & 153	Porur lake	69000 m ²
W5	152	Mohan breweries lake	1.4 acre
W6	155	Ramapuram lake	7 acre
W7	150	Chettiyar agaram Tank	84900 m ²
W8	151	Anjaneyar koil pond	4220 m ²
W9	152	Sivan koil pond	2 acre
W10	154	Alangulam pond	580 m ²

Zone - 11 592

Storm water drain

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, Integrated Storm water drain to a length of 248.22 Km was constructed to ease the flow of rain water in Valasaravakkam zone. The details of existing SWD, Side drain are given below..

SI. No	Dn. No.	Total SWD	
		No of Drain.	Length in Km
1	143	20	7.44
2	144	31	4.66
3	145	119	16.55
4	146	99	12.92
5	147	35	9.96
6	148	138	18.57
7	149	106	19.68
8	150	86	19.68
9	151	30	5.69
10	152	118	21.43
11	153	59	14.28
12	154	66	10.86
13	155	61	12.05
Total		968	173.77

Water stagnated streets in the previous monsoon - heavy rainfall

During the last monsoon, 84 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

593 **Zone - 11**

The identified vulnerable spots and the actions taken to dispose the rain water in each location are as below,

S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
1	143 Nolambur	Gajalakshmi nagar	5 HP	Gajalakshmi nagar 5th street	Disposed to Coovum river	
	143			VG-N		
2	Nolambur	VG-N nagar(Phase-III)	7.5 HP	nagar(Phase- III) 2nd cross street	Disposed to service road	
3	143	Sakthi nagar	5 HP	Sakthi nagar	Disposed to	
<u> </u>	Nolambur	Sakiiii iiagai	JIIF	2nd avenue	sriram nagar	
4	143	VGN nagar	5 HP	Pada salai	Disposed to	
4	Nolambur	V GIN Hagai	JIIF	cross street	sriram nagar	
	143	Vembuli amman		Vembuli	Disposed	
5	Nolambur	koil street	5 HP	amman koil street	toPhase I 8th main road	
	144	MMDA Colony 4 th		MMDA Colony	MMDA	
6	Madhuravoil	, 5 th & 6 th block	5 HP	4 th , 5 th & 6 th block	Colony SWD	
7	144	Varalakshmi	10 HP	Varalakshmi	Varalakshmi	
N	/ladhuravoil	nagar	nagar		nagar SWD	
8	144	Nagathamman	5 HP	Nagathamman	Varalakshmi	
	Madhuravoil	koil street	3111	koil street	nagar SWD	
9	144	VGP Amudha	5 HP	VGP Amudha	_	
	Madhuravoil	nagar	0111	nagar		
10	144	MSP nagar	5 HP	MSP nagar	_	
	Madhuravoil	Wor Hagar	3111	Wor Hagai		
11	144	Om sakthi nagar	5 HP	Om sakthi	_	
	Madhuravoil	om oakan nagai	0111	nagar		
12	144	PH road	5 HP	PH road	_	
	Madhuravoil					
13	144	Abirami nagar	5 HP & 10	Abirami nagar	_	
	Madhuravoil	main road	HP	main road		
14	145	Pallavan Nagar	5 HP, 7HP	Pallavan	_	
	Nerkundram	3 ·	& 10 HP	Nagar		
1 =	145	Ambiga nagar	100 HP, 80			
15	Nerkundram	Ambiga nagar	HP & 10 HP	Ambiga nagar	-	
16	145	Sakthi nagar	10 HP	Sakthi nagar	_	
10	Nerkundram	- Carrain Hagar		Januar Hagar		

	5.1, -1.11.15 min.ug.min.					
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
17	145 Nerkundram	Krishna nagar	80 HP, 10 HP	Krishna nagar	-	
18	145 Nerkundram	Palvadi street	5 HP	Palvadi street	-	
19	145 Nerkundram	Alagammal nagar	5 HP	Alagammal nagar	-	
20	145 Nerkundram	Janakiram colony	5 HP	Janakiram colony	-	
21	146 Madhuravoil	Ganapathi nagar	5 HP	Ganapathi nagar	-	
22	146 Madhuravoil	Dhanalakshmi nagar	5 HP	Dhanalakshmi nagar	-	
23	147 Madhuravoil	Krishna nagar	5 HP	Krishna nagar	-	
24	147 Madhuravoil	Pallvan nagar	5 HP	Pallvan nagar	-	
25	147 Madhuravoil	Alapakkam main road	10 HP	Alapakkam main road	-	
26	147 Madhuravoil	Vetri vinayagar koil	5 HP	Vetri vinayagar koil	-	
27	148 Nerkundram	NSK street	5 HP	NSK salai	Disposed to Thiruvalluvar salai SWD	
20	148	VOC Street	5 HP	VOC Street	Disposed to Thiruvalluvar	
28	Nerkundram	VOC Street	э пР	VOC Street	salai SWD	
29	148 Nerkundram	Gandhi street	5 HP	Gandhi street	Disposed to Thiruvalluvar	
	148			Anbu nagar	salai SWD	
30	Nerkundram	Anbu nagar	5 HP, 10 HP, 25 HP, & 15 HP	6th,7th street & Near 5th street vacant land	Disposed to Pond	
31	148	Balaji nagar	5 HP	Balaii nagar	Pillayar koil	
JI	Nerkundram	Daiaji Hayai	JIIF	Balaji nagar	street SWD	
32	148 Nerkundram	Saraswathi nagar	5 HP	Saraswathi nagar	Thiruvalluvar salai SWD	

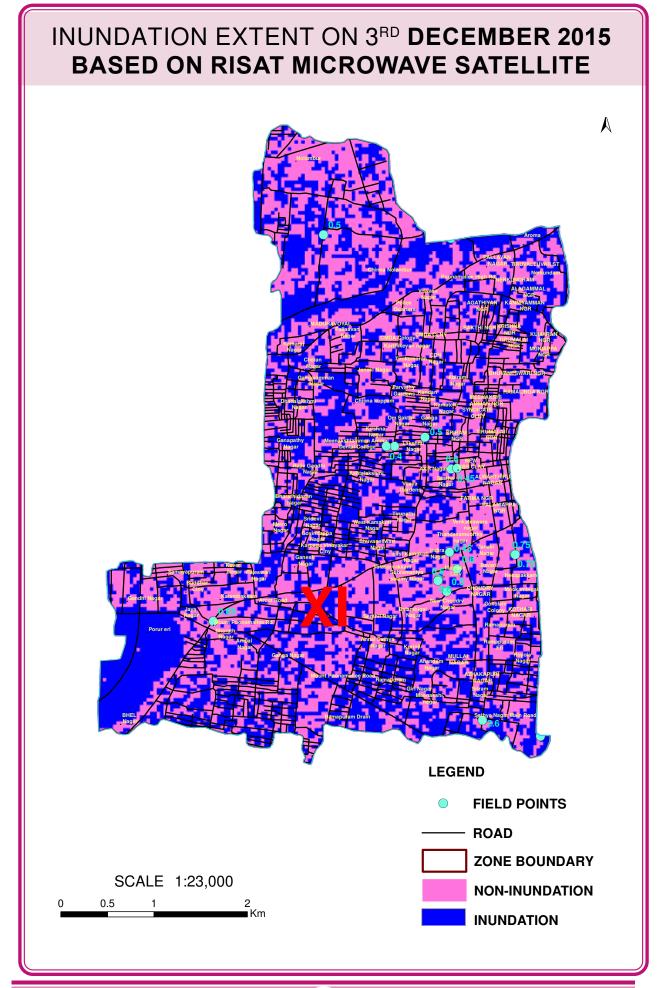
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
	148				Jayaram
33	Nerkundram	Balavinayagar street	5 HP, 8 HP & 10 HP	Balavinayagar , Thankal karai	nagar 1st main road SWD
	148		5 HP & 10		NT patel
34	Nerkundram	CDN nagar	HP	CDN nagar	road ,CDN SWD
35	148	Periyar nagar	8 HP & 10	Periyar nagar	Mettukuppam
	Nerkundram	thankal karai	HP	thankal karai	salai SWD
00	149	\/a a======	8 HP & 10	Radha avenue	Indra gandhi
36	Valasaravakkam	Velan nagar	HP & 25 HP	4th , 5th, 3rd street	salai SWD
	149		10 HP	Srilakshmi	Anbu nagar
37	Valasaravakkam	Radha avenue	motor	nagra 3rd , 5th,11th street	2nd street SWD
	149		10 HP & 8 HP motor	Anbu nagar 2nd street	Anbu nagar
38	Valasaravakkam	Anbu nagar			main road SWD
	149	Sri Lakshmi	10 HP	Srilakshmi	Radha
39	Valasaravakkam	nagar		nagra 3rd , 5th,11th street	avenue main roadSWD
	150		5 HP	Near by TVK	Disposed
40	Karambakkam, Sivabootham	Doss main road		2nd street	to By pass service road
	150		5 HP	Near by TVK 2nd street	Disposed
41	Karambakka	Sannathi street			to By pass
	m, Sivabootham				service road
	150	Bharathiyar		Near by TVK	Disposed
42	Karambakkam, Sivabootham	street	5 HP	2nd street	to By pass service road
	150			Near by TVK	Disposed
43	Karambakkam, Sivabootham	Natarajan street	5 HP	2nd street	to By pass service road
	150	Thiruveethiamman			Disposed
44	Karambakkam, Sivabootham	koil st	7.5 HP	Moorthy nagar	to By pass service road
	150	Thundalam			Disposed
45	Karambakkam, Sivabootham	perumal koil street	7.5 HP	Moorthy nagar	to By pass service road
	150	Sri Parasnath		Maruthi nagar	Disposed
46	Karambakkam, Sivabootham	nagar main road	20 HP	3rd street	to By pass service road

S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
	150				Disposed	
47	Karambakkam, Sivabootham	Punniyakkotti nagar main road	-	Maruthi nagar 3rd street	to By pass service road	
	150				Disposed	
48	Karambakkam, Sivabootham	Avvai street	5 HP	Samayapuram 5th street	to By pass service road	
	150			0	Disposed	
49	Karambakkam, Sivabootham	Mullai street	7.5 HP	Samayapuram 5th street	to By pass service road	
	150		7.5 HP and		A1 Mutton	
50	Karambakkam, Sivabootham	Arcot road	10.5 HP	Kanna street	stall	
	150				Disposed	
51	Karambakkam, Sivabootham	Sai karna villa	10 HP	-	to By pass service road	
	150		10 UD and		Disposed	
52	Karambakkam, Sivabootham	Moorthi nagar	10 HP and 7.5 HP	-	to By pass service road	
	151	151			Disposed	
53	Porur	Arcot road (ETA Building)	10 HP and 7 HP	In front of ETA Building	to Lakshmi nagar 40 feet road SWD	
	152		10 HP	Sairam	Arcot road	
54	Valasaravakkam	Sairam avenue		avenue 1st & 2nd st		
	152	0) (0		0) (0,	Disposed	
55	Valasaravakkam	SVS nagar main road	30 HP	SVS nagar main road	to Kambar street dn 151	
	152	0) (0,		0) (0,	Disposed	
56	Valasaravakkam	SVS nagar annex	20 HP	SVS nagar annex	to Kambar street dn 151	
	152	lanal-i Oth		lanaldina Oth	SWD	
57	Valasaravakkam	Janakiram 6 th street	5 HP	Janakiram 6 th street	Prakasam street	
F0	152	\/a = na := := = :: - :: -	00.110	Veerappa	A	
58	Valasaravakkam	Veerappa nagar	20 HP	nagar	Arcot road	
	152	O O-141 :		Om Sakthi	Omsakthi	
59	Valasaravakkam	Om Sakthi nagar 3 rd ,4 th street	10 HP	nagar 3 rd ,4 th street	nagar main road SWD	
	152			Jn of Chowdry	Chowdry	
60	Valasaravakkam	Majestic colony	100 HP	nagar & Alagiri street	nagar 5th street SWD	

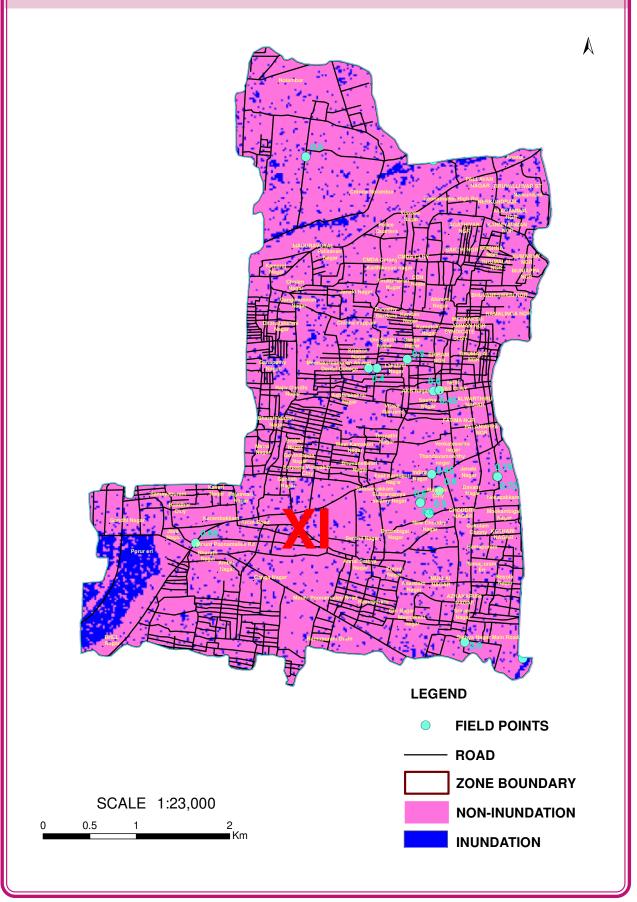
	City Disaster Ma	nagement Plan			GCC	
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point	
	152			Madurai Majestio		
61	Valasaravakkam	Madurai meenatchi nagar	10 HP	meenatchi nagar main road	colony main road SWD	
62	152	Subramaniya	30 HP	Subramaniya	Dr,Ambedkar	
	Valasaravakkam 153	swamy nagar		swamy nagar Ganesh	road SWD Ganesh	
63	Porur	Ganesh avenue 1 st to 10 th street	10 HP	avenue 9th street Corner	avenue 8th street SWD	
	153	Ramakrishna		Ramakrishna	Lidovo nogor	
64	Porur	nagar 6 th avenue	5 HP	nagar 6 th avenue centre	Udaya nagar SWD	
65	153	Porur street (East) 10 HP		RE nagar 1	Eswaran koil	
				street (East)	street SWD	
66	153 Porur	Ekambaram street	10 HP	Ekambaram street centre	Suresh nagar 4th street	
	153	D I/ No way Oth		Ramakrishna		
67	Porur	R.K.Nagar 6 th Avenue	5 HP	nagar 6th avenue centre	Udaya nagar SWD	
	153	———— Suresh nadar 4 ^m l	Suresh nagar	Udaya nagar		
68	Porur	street	5 HP	4 th street middle	SWD	
	153	Ramasamy	5 LID	Ramasamy	Udaya nagar	
69	Porur	nagar main road	5 HP	nagar main road middle	ŚWD	
70	153	Kundrathur main	10 HP	RE nagar 1st	RE nagar 1st	
	Porur	road		street	street SWD	
71	154 Ramapuram	Kurinji nagar 2nd street	5 HP	Kurinji nagar 2nd street	Bharathi salai	
	154				Disposed	
72	Ramapuram	Bharathi salai	10 HP	Bharathi salai	to Bharathi salai SWD	
	154				Disposed to	
73	Ramapuram	Balambigai nagar 5 th street	10 HP	Balambigai nagar 5 th street	Balambigai nagar 5th streetSWD	
	154	Kulakarai south	4	Kulakarai	Disposed to	
74	Ramapuram	street	10 HP	south street	Kambar salai Side drain	

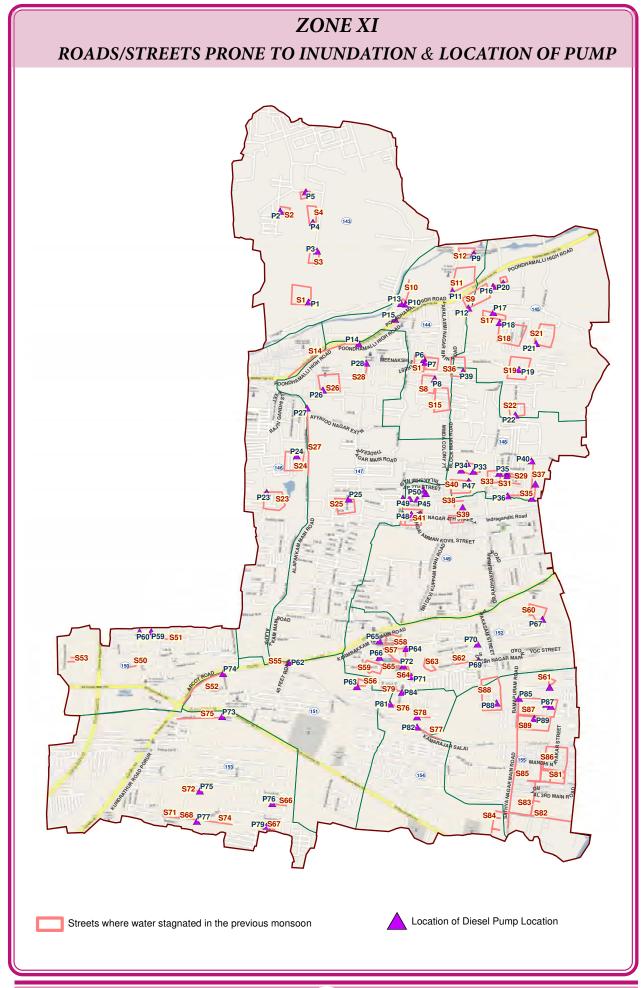
		GCC			
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
75	155	Amman nagar		-	-
/5	Ramapuram	Amman nagai			
76	155	Royala nagar		-	-
	Ramapuram	1 Toyala Hagai			
77	155	Kalasathamman		-	-
	Ramapuram	koil street	When Adayar		
78	155	Chellammal	river level decreased	-	-
	Ramapuram	nagar	automatically		
79	155	Michel garden	went to storm	-	-
	Ramapuram	Whomer garden	water drains.		
80	155	Thiruvalluvar		-	-
	Ramapuram	salai (Part)			
	155	Bakthi		-	-
81	Ramapuram	vedhandha avenue			
	155			Kothari nagar 1st	Disposed to Thiruvalluvar
82	100	Kothari Nagar	10 HP		salai SWD,
]		main road ,	Senthamil
	Ramapuram			9th ,8th street	nagar SWD
	155				Disposed to
83	Ramapuram	Thirumalai Nagar	10 HP	Angel street	Balakrishna nagar main road
	155	Gangaiya		Gangaiah	Kamarajar
84	Ramapuram	Gangaiya avenue	10 HP	avenue 1st street	Kamarajar salai

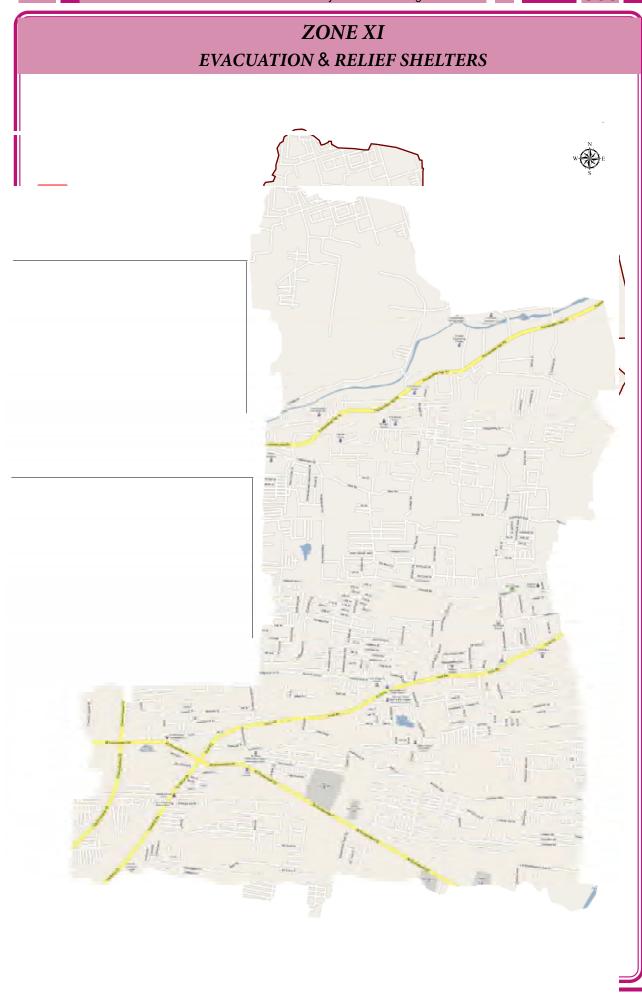
Anna University has mapped the areas inundated in this zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pumpsets. The RISAT satellite maps and GCC map are given below for clarity and understanding.



INUNDATION EXTENT ON 7TH **DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE**







Water stagnated streets in the previous monsoon - mild rainfall

S.No.	ward	Name of the Street
1	145	Sivanthi Avenue
2	147	Thiraviyam Nagar 1st Street
3	147	27th Street
4	150	Mullai Street
5	150	Thundalam Anna Nagar
6	150	Ponni Nagar
7	151	Anna Salai (Highways)
8	151	Arcot Road (Jn. of Thirumurugan Nagar) (Highways)
9	151	Arcot Road (Porur Junction)(Highways)
10	151	Kuppusamy Street (Highways)
11	152	Majestic Colony
12	152	Veerapa Nagar
13	152	Janaki Nagar
14	155	Bharathi Salai
15	155	Thiruvalluvar salai
16	155	Kamarajar salai

Water stagnated streets in the previous monsoon - moderate rainfall

S.No	ward	Name of the Street
1	149	Palaniappa Nagar Main Road
2	150	Arunachalam Nagar
3	150	Rajeshwari Nagar
4	150	Mothi Nagar
5	150	Padmavathy Nagar
6	150	Sivaboothamedu
7	151	Anna Salai (Highways)
8	151	Arcot Road (Jn. of Thirumurugan Nagar) (Highways)
9	151	Arcot Road (Porur Junction)(Highways)

S.No	ward	Name of the Street
10	151	Kuppusamy Street (Highways)
11	151	Arcot Road (infront of ETA)
12	153	Kundrathur Main Road (Porur Junction)(Highways)
13	153	Kundrathur Main Road (EB Office Opposite)
14	153	Ganesh Avenue 8th Street
15	153	Ganesh Avenue 9th Street
16	153	Sterling Avenue Main Road
17	153	Subashree Nagar Main Road
18	155	Gangaiya avenue 1st St
19	155	Gangaiya avenue 2nd St
20	155	KP Nagar 2nd Cross street
21	155	Sriram Nagar 3rd Street
22	155	Kothari Nagar 1st main road
23	155	Kothari Nagar 9th Street
24	155	Kothari Nagar 10th Street
25	155	Kothari Nagar 11th Street
26	155	Thirumalai Nagar Angel Street
27	155	Thirumalai Nagar Angel Street lane
28	155	KarpagambalNagar 2nd Street

Water Stagnation during previous monsoon (2022-23)

S.No	Dn	Water Stagnation Location
1	143	Gajalakshmi Nagar
2	143	Nolambur Phase-I 13th&14th Cross Stree
3	143	Nolambur Phase-II 7th Cross Stree
4	144	MMDA Colony 2nd Main Road
5	146	Ambedkar Nagar
6	147	DK Nagar 1st Main Road
7	147	Ganga Nagar Main Road
8	147	Alapakkiam Main Road

S.No	Dn	Water Stagnation Location
9	150	Ganesh Nagar
10	150	Ekambaram Estate
11	151	Officers Colony
12	151	Porur Junction
13	153	Subhasree Nagar Extn Main Road
14	155	Bakthivedhantha Avenue
15	155	Valluvar Salai

Stagnation of water in streets due to sewer blocks

SI. No.	ward /Name	Name of the Streets	No. of manholes
1	149, Valasaravakkam	Velan Nagar, Lakshmi nagar,Radha nagar,Radha avenue	13
2	152, Valasaravakkam	Janaki nagar 6th street,Omsakthi nagar 3rd & 4th street,Sairam avenue 1st & 2nd street,Kadambadiamman sannathi street,SVS nagar annex 1st , 2nd & 3rd street	31
		Total	44

Relief Centres

There are 8 relief centres to a total capacity of 1920 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below

SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.
				Mannar Sera				Sanitation, Medicine	SI	9445025945
			Govt. Hr. Sec. School,	Perumal				Evacuation	AE	9445190444
1	144	711	Sannathi Street, Maduravoyal,	Nagar, Om Sakthi	Yes	Yes	No	Food & Drinking water	ARO	9445190091
			Chennai-95	Nagar (Ward 144)				Relief Materials	AE	9445190444
			Villivakkam	North Mada				Sanitation, Medicine	SI	9445025945
			Panchayat	Street,				Evacuation	AE	9445190444
2	144	301	Union School, Sannathi Street, Maduravoyal,	1st to 17th Cross Street	Yes	Yes	Yes	Food & Drinking water	ARO	9445190091
			Chennai-95	(Ward 146),				Relief Materials	AE	9445190444
			Dr.Ambedkar Nagar Church					Sanitation, Medicine	SI	9445025946
			(infront of PH Road),					Evacuation	AE	9445190446
3	146	289	Maduravoyal, Chennai-95. (Now	Ambedkar Nagar Residents	Yes	Yes	No	Food& Drinking water	ARO	9445190091
			temporarily shifted to their places)					Relief Materials	AE	9445190446

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	Oily Disaster Management Flam								GCC	
SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.
								Sanitation, Medicine	SI	9445025946
			Sri Seethalakshmi Thirumana					Evacuation	AE	9445190446
4	146	266	Mandapam, Maduravoyal, Chennai-95. (Now temporarily	Ambedkar Nagar Residents	Yes	Yes	Yes	Food & Drinking water	ARO	9445190091
			shifted to their places)					Relief Materials	AE	9445190446
								Sanitation, Medicine	SI	9445025948
								Evacuation	AE	9445190448
5	148	184	Rani Mahal, 184 Nerkundram, Chennai-107	Periyar Nagar Extn., Mettukuppam high Road.	Yes	Yes	Yes	Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190448
								Sanitation, Medicine	SI	9445025951
								Evacution	AE	9445190451
6	151	69	Holy Angel School, Porur, Chennai-116	Poothabedu School street	Yes	Yes	No	Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190451
Zor	e - 11				608					

			City Disaster Management Plan							GCC						
SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.						
								Sanitation, Medicine	SI	9445025944						
				Vembuli amman koil street Sakthi nagar				Evacuation	AE	9445190445						
7	143	51	VPU School, School Road, Nolambur		koil street	koil street	koil street	koil street	koil street	koil street	Yes	Yes	Yes	Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190445						
								Sanitation, Medicine	SI	9445025953						
			Govt.					Evacuation	AE	9445190455						
8	155	55 49	High School, Eswaran Koil Street, Ramapuram,	Eswaran Koil Street.	Yes	Yes	N _o	Food & Drinking water	ARO	9445190091						
			Chennai-89.					Relief Materials	AE	9445190455						

Subway

There is no subway as of now available in this zone.

Tree fall

During the last monsoon, in valasaravakkam zone totally 54 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

S.No	Ward	Name of the Street
1	143	Gajalakshmi nagar 4th street
2	143	Phoenix Street
3	143	Phase-1 8th Cross Street
4	143	Thilagar Street
5	143	Orchard Street
6	143	Phase-2, 2nd Cross Street
7	145	Karuneegar Street
8	147	Janaki Nagar 5th Street
9	149	Murlikrishna nagar main road
10	149	Velan nagar 9th street
11	149	Velan nagar 5th street
12	149	AKR nagar 1st main road
13	150	Maruthi Nagar
14	151	Chinna Porur
15	152	Thirupathi Nagar 2nd Cross Street
16	154	Shanthi Nagar Kannappan Street
17	155	Kothari Nagar 7th Street and 8th Street
18	155	Annai Sathya Nagar

Streets - where water entered houses - do not require evacuation

During the last monsoon, 36 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 36 locations were inundated for more than a day by which the normal day to day activity of 2500 people were stand-stilled. Flood water from these areas were cleared by using 75 pumps rangining from 5 HP to 100 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward/Name	Name of the area/ streets
1	145 Nerkundram	Pallavan nagar
2	145 Nerkundram	Sakthi nagar
3	145 Nerkundram	Krishna nagar
4	145 Nerkundram	Palvadi street
5	145 Nerkundram	Janakiraman colony
6	147 Madhuravoil	Krishna nagar 1 st , 10 th , 28 th 7 th street
7	147 Madhuravoil	Pallvan nagar ext
8	147 Madhuravoil	Pallvan nagar 1 st main road
9	148 Nerkundram	NSK street
10	148 Nerkundram	VOC Street
11	148 Nerkundram	Anbu nagar
12	150 Karambakkam, Sivabootham	Doss main road
13	150 Karambakkam, Sivabootham	Sannathi street
14	150 Karambakkam, Sivabootham	Bharathiyar street
15	150 Karambakkam, Sivabootham	Natarajan street
16	150 Karambakkam, Sivabootham	MGR salai
17	150 Karambakkam, Sivabootham	Thiruvalliamman koil st
18	150 Karambakkam, Sivabootham	Mullai st
19	150 Karambakkam, Sivabootham	Moorthi nagar main road
20	150 Karambakkam, Sivabootham	Moorthi nagar 1 st
21	150 Karambakkam, Sivabootham	Moorthi nagar 3 rd st
22	150 Karambakkam, Sivabootham	Moorthi nagar 2nd st
23	152 Valasaravakkam	Kadambadiamman koil sannathi st
24	152 Valasaravakkam	Janaki nagar 6 th street
25	152 Valasaravakkam	Sairam avenue

SI.No.	Ward/Name	Name of the area/ streets		
26	152 Valasaravakkam	Majestic colony		
27	152 Valasaravakkam	Veerappa nagar		
28	154 Ramapuram	Gangai amman koil street		
29	154 Ramapuram	Chinna street		
30	155 Ramapuram	Gangaiya avenue		
31	155 Ramapuram	Amman nagar		
32	155 Ramapuram	Royala nagar		
33	155 Ramapuram	Kalasathamman koil street		
34	155 Ramapuram	Michel garden		
35	155 Ramapuram	Thiruvalluvar salai (Part)		
36	155 Ramapuram	Bakthi vedhandha avenue		

Streets that require evacuation

During the heavy flood that occurred in 2015, in valasaravakkam zone there were 195 people were evacuated from Periyar nagar and Chinna porur and they were accommodated in Rani Mahal and Gym building. They were provided with basic amenities like accommodation, food and relief materials for 25 days. The details are given below.

SI. No.	ward /Name	Streets	No. of persons	Year	Relief centre
1	148 Nerkundram	Periyar nagar	160	2015	Rani mahal
2	151 Porur	Chinna porur	35	2015	Gym building
		Total	195		

Flood relief centres identified for previous monsoon

S. No.	Zone	Div.	Name ot the Relief Centre
1	11	143	V.P.U. Pallikudda Salai, Nolambur.
2	11	144	Govt.Hr Sec. School, Shannathi St, Maduravoyal
3	11	146	Shri Seethalakshmi Thirumana Mandapam, Maduravoyal
4	11	148	Rani Mahal, Nerkundram
5	11	155	Govt.High School, Easwaran Koil St, Ramapuram.

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There are 8 battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

SI. No.	Ward	Contact person				
	774.3	Designation	Phone number			
1	143,144 & 146	Junior Engineer	9445477687			
2	149,152&147	Junior Engineer	9445191459			
3	150,151&153	Junior Engineer	9445477684			
4	145 &148	Assistant Engineer	9445477685			
5	154&155	Assistant Engineer	9445477686			
6	143 to 155	Additional divisional Engineer (Zone)	9445190051			
7	143 to 155	Divisional Engineer (HQ)	9445190752			

National Disaster Response Force (NDRF)

The NDRF to be stationed locations and precautionary measures to be taken before the rain is given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	149	Radhar avenue and velan nagar
2	155	Amman nagar and Royala nagar (1Team -28 Nos)

NDRF

The Commandant, 04, Battalion (NDRF) Suraksha Campus, Takkolam, Arakkonam Vellore District – 631 152 Phone No. 04177 – 246594/246269



LAKSHMI NAGAR 3RD MAIN ROAD

Rescue Boats

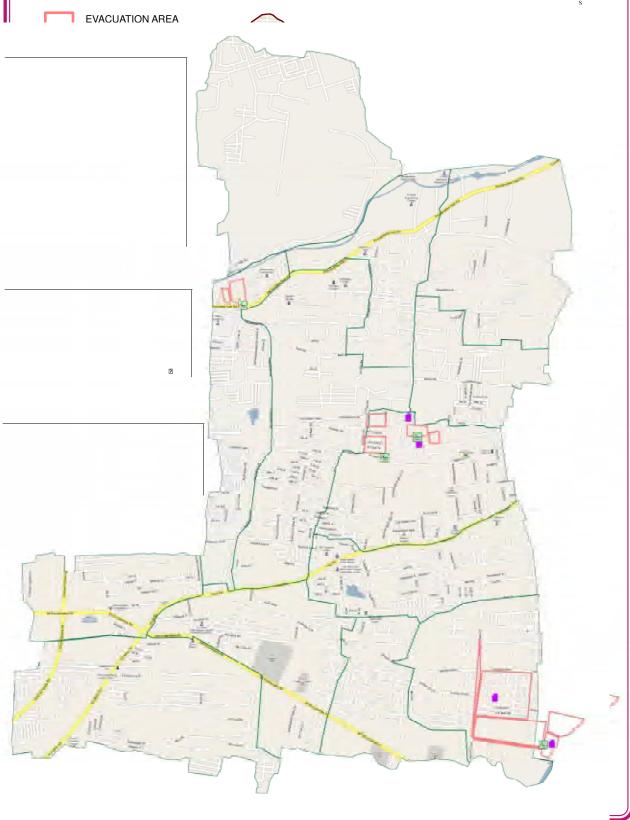
Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

SI.No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Locations	Contact person & Number
1	151	SVS Nagar	SVS Nagar 1st Main Road	Assistant Engineer 9445190451
2	155	Amman Nagar	Amman Nagar vimala convent matriculation school	Assistant Engineer 9445190455

SI.No.	Ward	Number of boats required with location /evacuation areas	
1	151	SVS Nagar, Jai Nagar, Sara Garden, Vani Nagar	
2	155	Amman Nagar, Royala Nagar, Vivekanandha Nagar ,Chellam nagar , Kalasathamman koil street, Thiruvalluvar salai	

ZONE XI EVACUATION AREA, NDRF TEAM & BOAT LOCATIONS





Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 3 debris lorries, 4 skid steer loaders and 2 front end loaders are stationed for performing the job. The details of the lorries available in this zone are given below.

No. of lorries and type kept in readiness
Debris lorry - 5
Skid steer loaders (Bob cat) -4
(Front end loader) JCB- 1
BOV- 3
Dog & Cattle Catcher- 2
Water tanker Lorry- 1
Ambulance- 1

Assistant Engineer, Mechanical contact No.	
9445190491	

Less than 2.5m streets / lanes that cannot be accessed by Vehicles

SI.No	ward /Name	Street Names	
1	143 Nolambur	Gajalakshmi nagar Main Road,Padasalai Street,Perumal Koil street,TNHB IV Block	
2	144 Madhuravoil	Nagathamman koil street,VGP Amudha nagar,MSP nagar,Om sakthi nagar	
3	145 Nerkundram	Pallavan Nagar, Sakthi nagar, Krishna nagar	
4	149 Valasaravakkam	Velan nagar, Radha avenue,Syndicate Colony,Sr Lakshmi nagar	
5	152 Valasaravakkam	SVS nagar main road,Veerappa nagar	

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee - 143 Ward Councillor - 9445467143

Name of the department	Designation	Contact Number
GCC - Engineering	Junior Engineer	9445190443
GCC - Electrical	Assistant Engineer	9445477687
GCC- Health	Sanitary Inspector	9445025943
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190643
GCC - Revenue	Tax Collector	9884224053
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930143
TANGEDCO	Junior Engineer	9445850336
BSNL	Assistant Engineer	9444001799
Fire service	Inspector	04424769101
Police station	Inspector	9498100117
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward Councillor -9445467144

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190443
GCC - Electrical	Assistant Engineer	9445477687
GCC- Health	Sanitary Inspector	9445025944
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190643
GCC - Revenue	Tax Collector	9884224053
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930144
TANGEDCO	Junior Engineer	04423781659
BSNL	Assistant Engineer	9444953548
Fire service	Inspector	04424769101
Police station	Inspector	4423452766
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward committee - 145

Ward Councillor -9445467145

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190445
GCC - Electrical	Assistant Engineer	9445477685
GCC- Health	Sanitary Inspector	9445025945
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190645
GCC - Revenue	Tax Collector	7299752722
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930145
TANGEDCO	Junior Engineer	04424792777
BSNL	Assistant Engineer	9444979396
Fire service	Inspector	04424769101
Police station	Inspector	04424873820
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569

	City Disaster Management Plan	GCC	
Highways	Assistant Divisional Engineer	9444254404	

Ward Councillor -9445467146

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190446
GCC - Electrical	Assistant Engineer	9445477687
GCC- Health	Sanitary Inspector	9445025946
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190646
GCC - Revenue	Tax Collector	9444415714
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930146
TANGEDCO	Junior Engineer	04423781659
BSNL	Assistant Engineer	9444000272
Fire service	Inspector	04424769101
Police station	Inspector	4423452766
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 147

Ward Councillor -9445467147

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190447
GCC - Electrical	Assistant Engineer	9445191459
GCC- Health	Sanitary Inspector	9445025947
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190647
GCC - Revenue	Tax Collector	9444415714
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930147
TANGEDCO	Junior Engineer	04423781659
BSNL	Assistant Engineer	9444993300
Fire service	Inspector	04424769101
Police station	Inspector	4423452766
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward Councillor -9445467148

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190448
GCC - Electrical	Assistant Engineer	9445477685
GCC- Health	Sanitary Inspector	9445025948
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190648
GCC - Revenue	Tax Collector	8122946727
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930148
TANGEDCO	Junior Engineer	04424792777
BSNL	Assistant Engineer	9444979396
Fire service	Inspector	04424769101
Police station	Inspector	04424873820
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward committee - 149

Ward Councillor -9445467149

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190449
GCC - Electrical	Assistant Engineer	9445191459
GCC- Health	Sanitary Inspector	9445025949
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190649
GCC - Revenue	Tax Collector	9884295087
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930149
TANGEDCO	Junior Engineer	9445850218
BSNL	Assistant Engineer	9445392328
Fire service	Inspector	04424769101
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward Councillor -9445467150

Designation	Contact Number
Assistant Engineer	9445190450
Assistant Engineer	9445477684
Sanitary Inspector	9445025950
Veterinary Assistant Surgeon	9445194745
Conservancy Inspector	9445190650
Tax Collector	9444155982
Revenue Inspector	8754412939
Park Supervisor	9578987071
Assistant Engineer	8144930150
Junior Engineer	9445850261
Assistant Engineer	9445026657
Inspector	04424769101
Inspector	04423452767
Assistant Engineer	044 2486 4626
Assistant Engineer	9445074764
Divisional Engineer	9443734569
Assistant Divisional Engineer	9444254404
	Assistant Engineer Assistant Engineer Sanitary Inspector Veterinary Assistant Surgeon Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer Assistant Engineer Inspector Inspector Assistant Engineer Assistant Engineer Divisional Engineer

Ward committee - 151

Ward Councillor -9445467151

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190451
GCC - Electrical	Assistant Engineer	9445477684
GCC- Health	Sanitary Inspector	9445025951
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190651
GCC - Revenue	Tax Collector	9444435050
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930151
TANGEDCO	Junior Engineer	9445850261
BSNL	Assistant Engineer	9445026657
Fire service	Inspector	04424769101
Police station	Inspector	04423452767
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward Councillor -9445467152

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190452
GCC - Electrical	Assistant Engineer	9445191459
GCC- Health	Sanitary Inspector	9445025952
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190652
GCC - Revenue	Tax Collector	9962584321
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930152
TANGEDCO	Junior Engineer	9445850218
BSNL	Assistant Engineer	9445392328
Fire service	Inspector	04424769101
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward committee - 153

Ward Councillor -9445467153

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190453
GCC - Electrical	Assistant Engineer	9445477684
GCC- Health	Sanitary Inspector	9445025953
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190653
GCC - Revenue	Tax Collector	9940651591
Revenue	Revenue Inspector	8754412939
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930153
TANGEDCO	Junior Engineer	9445850261
BSNL	Assistant Engineer	9445026657
Fire service	Inspector	04424769101
Police station	Inspector	04423452767
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward Councillor -9445467154

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190454
GCC - Electrical	Assistant Engineer	9445477686
GCC- Health	Sanitary Inspector	9445025954
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190654
GCC - Revenue	Tax Collector	9710879159
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930154
TANGEDCO	Junior Engineer	9445850191
BSNL	Assistant Engineer	9444482692
Fire service	Inspector	04424769101
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

Ward committee - 155

Ward Councillor -9445467155

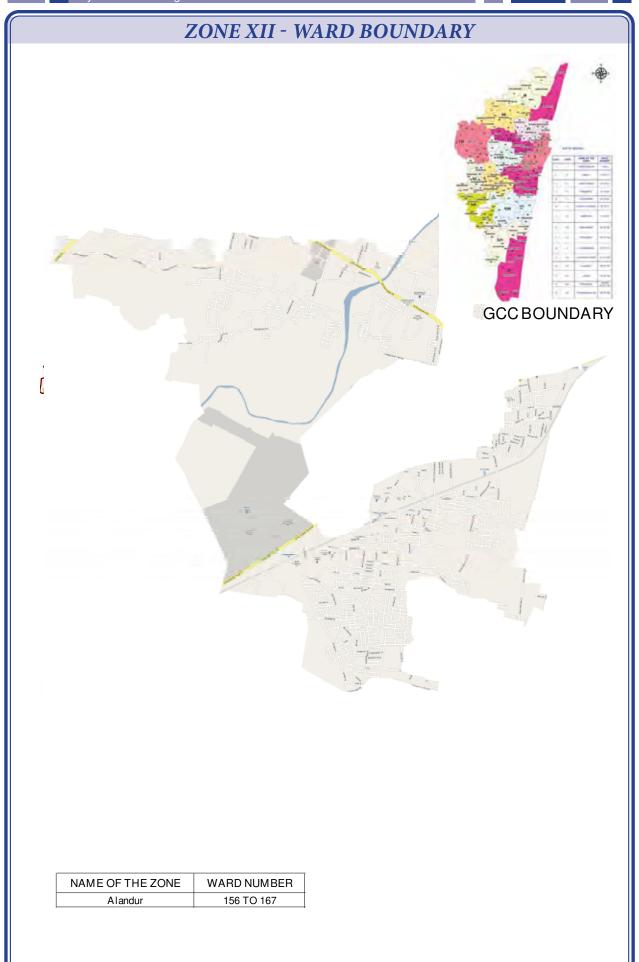
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190455
GCC - Electrical	Assistant Engineer	9445477686
GCC- Health	Sanitary Inspector	9445025955
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Conservancy Inspector	9445190655
GCC - Revenue	Tax Collector	9962336242
Revenue	Revenue Inspector	9790850194
GCC - Park overseer	Park Supervisor	9578987071
CMWSSB	Assistant Engineer	8144930155
TANGEDCO	Junior Engineer	9445850191
BSNL	Assistant Engineer	9444482692
Fire service	Inspector	04424769101
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 24864626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9443734569
Highways	Assistant Divisional Engineer	9444254404

ZONE - XII

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ALANDUR



Profile

The Alandur zone lies in Latitude 13.0052°, Longitude 80.20248° covering an areaof20.24Sq.km.

There are 1780 roads, out of which 1733 roads are Interior Roads, 34 Roads are Bus Route Roads which are maintained by GCC and the remaining 13 roads are underthemaintenance of Highways department.

Thepopulationisabout3.16lakhsthathasMalepopulationof50.19%andFemalepopula tionof49.81%inthiszone,themostdensedareaintheWard156 withapopulationof 51520and the least ward 159 with a population of 5,120. The Ward wise populationofthe zone isgivenbelow,

SI.No.	Ward No.	Total House Holds	Total Population
1	156	12880	51520
2	157	6172	24688
3	158	3158	12632
4	159	1280	5120
5	160	5200	20800
6	161	4871	19484
7	162	8079	32316
8	163	7670	30680
9	164	6316	25264
10	165	7760	31040
11	166	7800	31200
12	167	7823	31292
Total		79,009	3,16,036

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Chairman	156 - 167	9445467166
2	Zonal Officer	156 to 167	9445190012

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	156to161	9445190032
2	Executive Engineer-2	162to167	9445190037
3	Assistant Executive Engineer	Unit-35	9445190135
4	Assistant Executive Engineer	Unit-36	9445190136
5	Assistant Executive Engineer	Unit-37	9445190137
6	Additional DivisionalEngineer,Electrical	156to167	9445190052
7	Conservancy Inspector(Lorry Station)	Zone XII	9094063412

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing of garbage, maintenance of conservancy, Micro Compost Centre, Resource Recovery Centre and garbage transit stations and the contact details of the officials/staff to report on complaints on any such issues are as below.

SI. No.	Designation	Office Mobile Number
1	Assistant Executive Engineer	9445477201
2	Conservancysupervisor (156-161)	9445191435
3	Conservancysupervisor (162-167)	9445190812

Zone - 12 628

Public Health & Disease Control

The Public Health Department is headed by Zonal Health Officer at zonal level who carries out all the Covid-19 pandemic precaution and control activities, vector control activities, Dog menace, Cattle menace and reports to Deputy Commissioner (Health) through their respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise and co-ordinate with Entomologist, Veterinary Officer, Sanitary Officers, Sanitary Inspectors for general maintenance of health at zonal level.

The Zonal Health Officer also supervises the functioning of UPHC & UCHC at zone which is administered by Zonal Medical Officer who carries out activities like vaccination, allocation of staffs for Medical Camps, procurement of medicine & vaccine.

The contact details of the officials/staff to report on complaints on any such issues are as below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone XII	9445190072
2	Zonal Medical Officer	Zone XII	9445402934
3	Veterinary Doctor	Zone XII	9445026049
4	Junior Entomologist	Zone XII	9445025793
5	Sanitary Officer	Unit -35	9962604721
6	Sanitary Officer	Unit -36	9940026757
7	Sanitary Officer	Unit -37	9994845747

Parks

There are 70 Parks available in Mugalivakkam, Manapakkam, Nandambakkam, Alandur, Thillai Ganga Nagar, Palavanthangal, Nanganallur & Adambakkam. These parks may serve as buffer zone to assemble and to alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Equipment available	Team member contact No	Area of operation
1	21 NosofPowersaw	7639523299	Alandur
2	17 Nos of Tree Pruner	Park Overseer	(Division 156 – 167)

S.No	Ward	Name / Location of the Park		
1	156	AGS Colony Sabari Nagar 2nd main road Park, AGS Colony phase -3 Park, AnnaiVelankanni Nagar Phase - I 2ndStreet Park, AnnaiVelankanni Nagar Phase I 5th Street Park, AnnaiVelankanni Park phase-II, Gurusamy Nagar, Devadoass Street Park, Kalaimagal Street park, Kumudam Nagar Park, Kundrathur Main road Park, Madha Nagar 2nd street Park, Mary gold street Park, Nathamuni street park, Sabarinagar 5th Street ParkSanthosh Nagar Park, SSI Green Park, V.N.D. Rajeswari Avenue, V.N.D. Rajeswari Avenue Vaigai street Park, V.N.D. Rajeswari Avenue, Sindu street Park, VGNLaksminagar Viswanathan Palani Park, Shubasri Nagar Extn 5 Street Childrens Park, Miyavaki park, Ramamoorthi avenue sarojini street, Shanthinikethan Park, Arumugamnagar 1st street park.		
2	157	River view colony Phase II Park, River view colony Phase I Park, BHEL nagar Park, Kavya garden Park, Macro marvel river county Park, ,ArcotSalai Naveen park, River view colony park Phase III Park, Sethulakshmi Avenue park, River view colony park Phase IIPark, CRR puram (L&T) Park.		
3	158	Sundar3rdAvenuenagar		
4	160	Newstreet		
5	161	OfficersColony,TNGOColony,MuruganNagar,Jeevannagar		
6	162	Thiruvalluvar nagar Park,T.G. nagar 34th street Park, Nehru street Park.		
7	163	Shanthi Nagar 4th street Park, Surendranagar Park		
8	164	Nanganallur29thstreet.		
9	165	Southsector2ndstreet,BalajinagarExtn.II Park,Lakshmi nagar Park, Bharathnagar Park,Neelmangainagar park		
10	166	Anna Park		
11	167	Independence day park, Nanganallur 46th street, Lakshminagar 7thstreet, Vijay Avenue, Hindu colony, Jain staff colony, MMTC Colony, Kannigacolony, Voltascolony1ststreet, Voltascolony 3rd street, Lakshmi nagar 4th street, Kannan nagar 1st main road, SBIColony Main Road, Kannannagar 1STcross street park, Civil aviationcolony park, Nanganallur 100 feetroad park, Eastmainroad park.		

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There is one pumping stations available in Alandur Zone with capacity of 50 MLD for pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping station are given below,

SI. No.	Pumping Station	Category	Capacity
1	Nilamangai Nagar Pumping Station	HT3	20MLD
2	Kannan Colony Pumping Station	LT3	2.5MLD
3	Meenambakkam Pumping Station	LT2	1.5MLD
4	Morrison Street Pumping Station	LT2	1MLD
5	MadhavaperumalKoil Pumping Station	Road Side	0.02MLD
6	River view Colony Pumping Station	LT3	1.1MLD
7	CRRT IDBL Land Pumping Station	LT3	8.28MLD

Tamil Nadu Slum Clearance Board tenements

There are no TNSCB tenements in Alandur Zone.

Water Bodies and Waterways

There is one canal passing in this zone **Manapakkam canal**, maintained by PWD which originates from Mugalivakkam and travels about 2 Km in the zone and disposes via MGR Nagar and then melds at Adyar river.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 121.03 km to ease the flow of rain water.

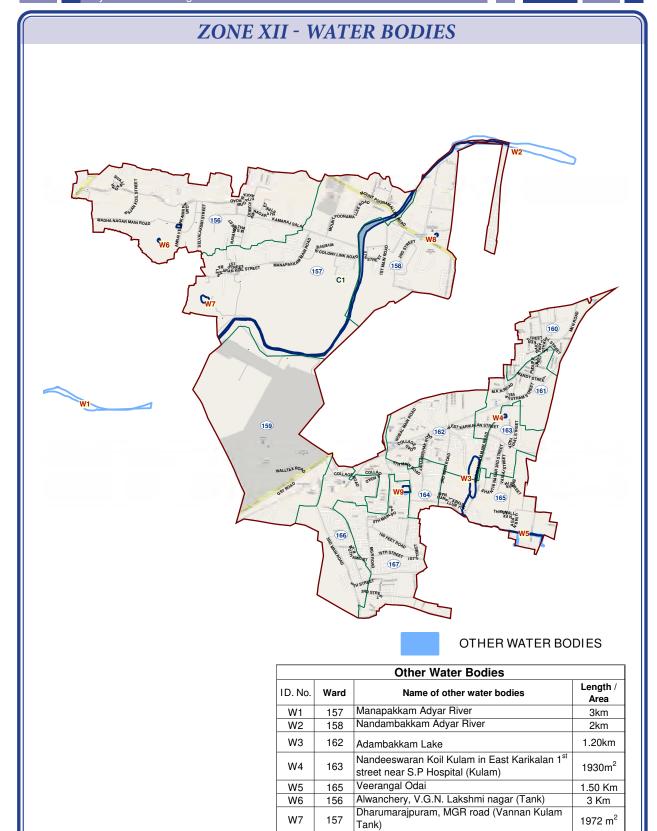
The details of various water bodies in this zone are listed below,

Canals

SI. No.	Name of the Canal	Ward covered	From	То	Length of Canal (Km)
1	Manapakkam Canal	156 & 157	Mugalivakkam	Adyar river	3
2	Nandhampakkam canal	156 & 157	Mugalivakkam	Adyar river	2

1296 m²

10000 m²



CANAL

Canals					
ID. No.	Wards	Name of the Canal	From	То	Length of Canal (Km)
C1	157	Manapakkam Canal	Mugalivakkam	Adyar river	3

W8

W9

158

164

Ramar Koill Tank

Pannachiamman koil tank

Other water bodies

19S. No	Ward no.	Name of other water bodies	Length/Area in M ²
1	156	Panichathamman Koil Kulam	825
2	156	Alwanchery (pond)	861.25
3	156	Vannankulam in Othavadi street	4281.57
4	156 157	Manapakkam Canal	3 Km
5	157	Dharmarajapuram koil kulam	1972
6	157	Thithi kulam, M.G.Road	3000
7	157	Kuttai (as per adanagal) 513	Fully Covered with Building(Casa Grand)
8	157	Kuttai (as per adanagal)518	Fully Covered with huts
9	158	Ramar koil (Pond)	1296
10	157	Nandambakkam canal	2 km
11	157 158	Adyar river	3 km
12	161	Subramaniya swamy koil street (Pond)	618
13	163	Nandeeswaran Koil Kulam at East karikalan 1st street	1930
14	163	Ramakrishnapuram 3rd street	240
15	162 163	Adambakkam Lake	1.20 km
16	164	Panichiamman Koil Pond (Nanganallur 4th main road)(Pond)	10000
17	165	Veerangal odai	1000

Storm water drain

The SWD network of any urban center is a vital network that plays a critical partduringthemonsoonbyfacilitatingdrainingofrunoffrainwaterfromroadsetc. The speedat which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

Thisisoneofthenewlyaddedzones, Construction of NewIntegrated Storm Water Drainto alength of 22.34 Km at a cost of Rs. 103.66.

Totally 939 storm water drains to a length of 185.6 Km were constructed to ease the flowof rain water in Alandur zone. The details of SWD and instructions to be followed beforeandduringrain are given below.

SI.No	Ward	Total no of SWD	Length of SWD in "m"
1	156	201	40400.70
2	157	119	15796.40
3	158	73	10067.00
4	159	15	2970.00
5	160	44	10893.00
6	161	55	9755.00
7	162	56	13006.00
8	163	42	10020.00
9	164	49	12610.00
10	165	79	15080.00
11	166	77	17050.00
12	167	129	28010.00
	Total	939	185658.10

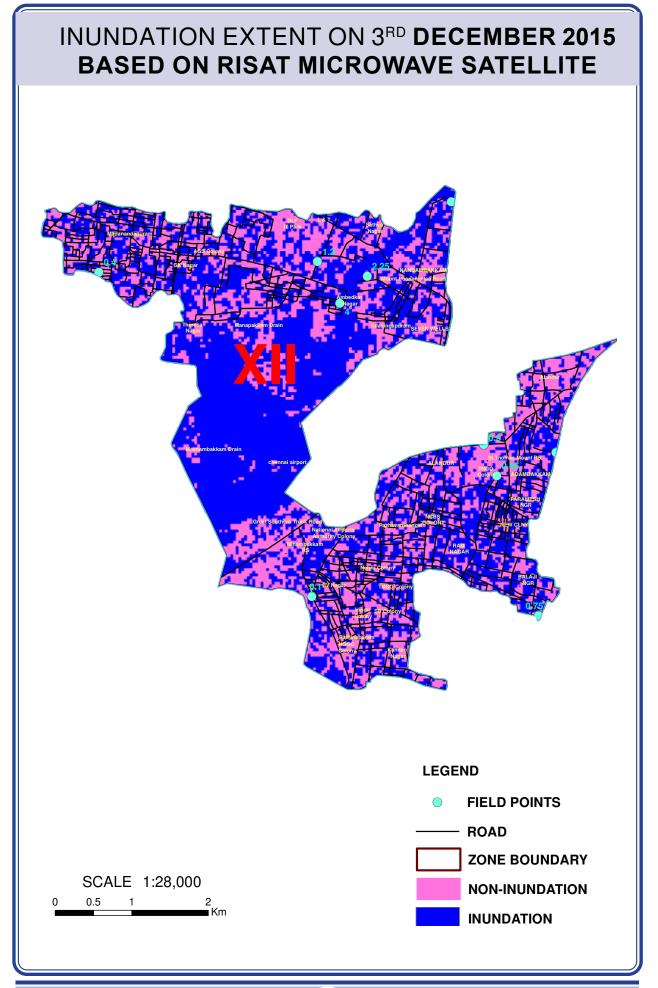
Streets - water stagnated in the previous monsoon during heavy rain

During the last monsoon, 29 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

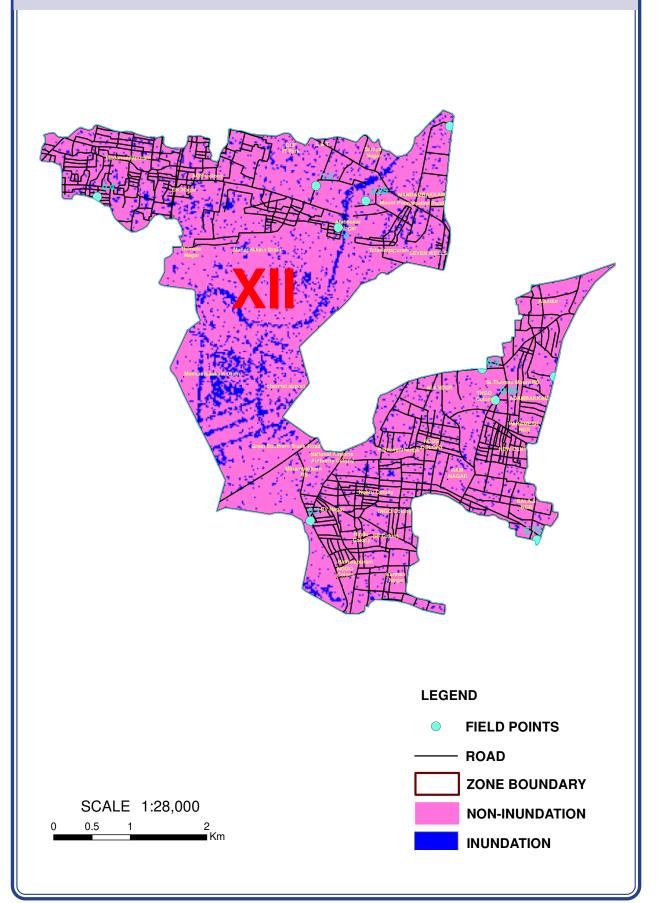
SI. No	Dn. No.	Last Year inundation location	Reason for stagna- tion	Pumps used to drain out the water
1	156	Madha Nagar	Overflow of Manapakkam Canal	5 HP
2	156	Thiruvalluvar Nagar	Overflow of Manapakkam Canal	100 HP
3	156	Arumugam Nagar	Overflow of Manapakkam Canal	25 HP
4	156	VGN Lakshmi Nagar	Overflow of Manapakkam Canal	100 HP
5	156	VGN Blooming Grden	Overflow of Manapakkam Canal	50 Electrical sub- mersable
6	156	Mahalakshmi Nagar	Overflow of Manapakkam Canal	25 TRACTOR MOTOR
7	156	EVP Rageshwari Avenue	Overflow of Manapakkam Canal	25 TRACTOR MOTOR
8	157	CRR Puram	Overflow of Manapakkam Canal	100 HP
9	157	Bell Nagar	Overflow of Manapakkam Canal	45 HP Tractor Motor
10	157	Kavya Garden	Overflow of Manapakkam Canal	45 HP Tractor Motor

SI. No	Dn. No.	Last Year inundation location	Reason for stagna- tion	Pumps used to drain out the water
11	157	River View Colony	Overflow of Manapakkam Canal	100 HP
12	158	Burma Colony	Adyar River water level increased so water cannot drain out	45 HP
13	158	ThulasingaPuram	Adyar River water level increased so water cannot drain out	1.5 HP
14	158	Ganapathipuram Colony	Adyar River water level increased so water cannot drain out	1.5 HP
15	158	Wood Creek County (Main road, 1st, 2nd & 15th Streets)	Adyar River water level increased so water cannot drain out	1.5 HP
16	158	Vasantham Colony	Adyar River water level increased so water cannot drain out	2 HP
17	158	Anna main road	Adyar River water level increased so water cannot drain out	2 HP
18	160	Laywer Jeganathan Street	Low lying area	5 HP
19	161	Sanjay Gandhi Street	Low lying area	6.5
20	161	Murugan Street	Low lying area	2 HP
21	162	Thiruvalluvar Nagar	Low lying area	25 HP
22	165	Saraswathi nagar main road 5th to 8th	Veerangal Odai Over flow and Run of water from AGS Colony (Z-13)	7.5 HP
23	167	Kanniga Colony	Lack of Drain in that location	5 HP
24	167	Nanganallur 44th Street	Low lying area	10 HP

Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pumpsets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

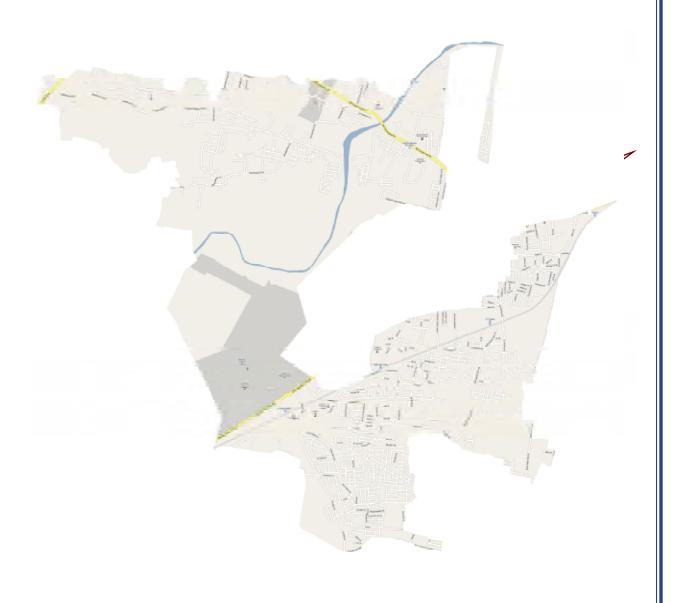


INUNDATION EXTENT ON 7TH **DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE**



ZONE XIIROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMP





Streets - water stagnated in the previous monsoon during - mild rain

S.No.	ward	Name of the Street	
NIL			

Streets - water stagnated in the previous monsoon durin - moderate rain

S.No.	ward	Name of the Street
	N	IL

Stagnation of water in streets due to sewer blocks

In Alandur Zone, the following were the streets which had sewer blocks.

SI.No.	Ward	Streets	No. of manholes
		NIL	

Relief Centres

There are 11 relief centres to a total capacity of 1280 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

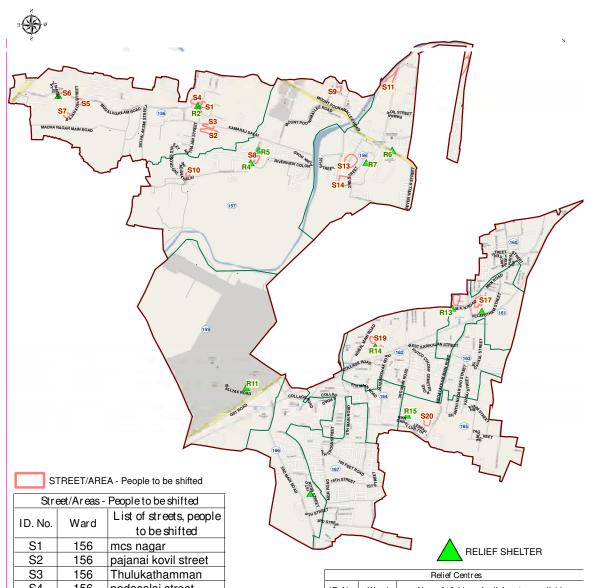
SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.
			1. Govt. High School, Padasalai Street	MCS nagar, Pajanai kovil steer, Thuluka				Sanitation, Medicine	SI	94450 25956
1	156	500	2. Corporation Primary School, Padasalai Street	thamman koil street, padasalai street				Evacuation	AE	94451 90756
		3. Corporation Middle School, Madanana dhapuram Madanana dhapuram				Food & Drinking water	ARO	94451 90092		
			dhapuram Main Road Ch- 600125	Bungalow thope.				Relief Materials	AE	94451 90756

SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.
								Sanitation, Medicine	SI	97863 01769
								Evacuation	AE	94451 90757
2	157	550	2.Community Hall	Sathiya nagar, Bell nagar				Food & Drinking water	ARO	94451 90092
								Relief Materials	AE	94451 90757
			1.Corporation Primary School, Mount					Sanitation, Medicine	SI	94450 25956
	158	400	Poonamallee 2.IDPL Primary School 3. Kuthallamman Temple Kalyana Mandabam 4. Cantonment School, Mount Poonamallee	MGR Nagar Burma colony				Evacuation	AE	94451 90758
3								Food& Drinking water	ARO	94451 90092
								Relief Materials	AE	94451 90758
								Sanitation, Medicine	SI	94450 25956
			Adi Dravidar School, Kamarajar street, Meenam bakkam, Chennai - 600 027	Kamarajar street				Evacuation	AE	96773 40896/ 94451 90759
4	159	59 100						Food & Drinking water	ARO	94451 90092
								Relief Materials	AE	96773 40896/ 94451 90759

SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.							
								Sanitation, Medicine	SI	94450 25962							
			Nidhi School -					Evacuation	AE	94451 90761							
5	161	200	ponniamman kovil street		VOC street	VOC street	VOC street	VOC street	VOC street	VOC street	VOC street				Food & Drinking water	ARO	94451 90092
								Relief Materials	AE	94451 90761							
		200	CPS school ,MKN road	VOC street, Raja street				Sanitation, Medicine	SI	94450 25962							
								Evacution	AE	94451 90761							
6	161							Food & Drinking water	ARO	944519 0092							
								Relief Materials	AE	94451 90761							
								Sanitation, Medicine	SI	94450 25962							
								Evacuation	AE	94451 90762							
7	162	150	Community Hall & Gym Building	Kannan Colony	Yes	Yes	ON N	Food & Drinking water	ARO	94451 90092							
								Relief Materials	AE	94451 90762							

SI. No.	ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.
								Sanitation, Medicine	SI	94450 25965
								Evacuation	AE	94451 90765
8	165	250	Corporation School Nanganallur 8th street -	Indira Nagar				Food & Drinking water	ARO	94451 90092
								Relief Materials	AE	94451 90765
								Sanitation, Medicine	SI	82205 60026
								Evacuation	AE	94451 90767
9	166	100	Corporation Primary school					Food & Drinking water	ARO	94451 90092
								Relief Materials	AE	94451 90766





Stre	eet/Areas-	People to be shifted				
ID. No.	Ward	List of streets, people				
ID. NO.	waru	to be shifted				
S1	156	mcs nagar				
S2	156	pajanai kovil street				
S3	156	Thulukathamman				
S4	156	padasalai street				
S5	a 6 21	Kumari nagar				
S6	156	OM sakthi nagar				
S7	156 _d	Bungalow thope				
S8	157	M.G.Salai				
S9	157 ^d	sathiyanagar				
S10	157 _{da}	bell nagar				
S11	158 ''	MGR nagar				
S12	158	Burma colony				
S13	158 ^X	Dulasingapuram				
S14	158 ti	Ganapthy colony				
S15	a e 21	Kamarajar street				
S16	161	VOC street				
S17	161 '''	VOC street				
S18		Raja street				
S19	162 ^s	Kannan colony				
S20	165	Indira nagar				

					
Relief Centres					
Ward	Name & Addres of relief centres available				
156	Govt. High School, Padasalai Street				
156	Corporation Primary School, Padasalai Street				
156	Corporation Middle School,				
156	Madananadhapuram Main Road				
157	Corporation Middle School, M.G.Salai				
157	Community Hall				
157	Corporation Primary School, Mount				
157	Poonamallee				
157	IDPL Primary School				
157	Kuthallamman Temple Kalyana Mandabam				
157	Cantonment School, Mount Poonamallee				
157	Cantonment Community Hall				
157	Adi Dravidar School, Kamarajar street,				
157	Meenambakkam				
157	Nidhi School, ponniamman kovil street				
157	CPS school, MKN road				
157	Community Hall & Gym Building				
157	Corporation School Nanganallur 8th street				
157	Corporation Primary school				
	156 156 156 157 157 157 157 157 157 157 157 157 157				

Subway

There are four subways available in this zone namely Meenambakkam Subway, Mount subway, Thillai Ganga Nagar subway and pazhavanthangal subway. The electrical pumps and diesel pumps installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI No	Ward No	Name of the Subway	Main- tained by	Total Motors Avail- able	Motor Pump Power and Capacity	Generator
1	160	Kathipara Urban Square Under- pass	Highways	5	Electrical Submersible 25 HP - 2 Nos. Diesel engine 10 HP - 1 20 HP - 1 Tractor Motor 50 HP - 1	-
2	161	St. Thomas Mount Subway	Highways	9	Electrical Submersible 25 HP - 1 10 HP - 1 50 HP - 2 Electric motor 25 HP - 1 10 HP - 1 Diesel engine 10 HP - 2 25 HP - 1	200 KVA - 1 Total - 1
3	162	Thillai Ganga Nagar Subway	Highways	16	Electrical Submersible 25 HP - 2 10 HP - 1 50 HP - 3 Electric motor 25 HP - 1 15 HP - 1 Diesel engine 25 HP - 4 10 HP - 1 15 HP - 3	200 KVA - 1 100 KVA - 1 Total - 2
4	162	Pazhavanthan- gal Subway	GCC	8	Electrical Submersible 25 HP - 1 50 HP - 2 Diesel engine 10 HP - 1 Tractor Motor 16 HP - 2 32 HP - 1 8 HP - 1	250 KVA - 1 Total - 1
5	166	Meenambak- kam Subway	Highways	6	Electrical Submersible 15 HP - 2 50 HP - 1 Tractor Motor 16 HP - 2 32 HP - 1	200 KVA - 1 Total - 1
		Total		44		5

Tree fall

During the last monsoon, in Alandur zone totally 39 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.No.	Ward	Name of the Streets
1	156	Subha sree nagar 4th street extn, A.G.S. colony park, Thiruvallu-var Nagar, Rajaeshwari Avenue
2	157	Garden road, Manapakkam main road, C.R.R. Puram, M. G Salai
3	158	Wood creek county (2 nos), Defence Colony (1 no)
4	161	Muthiyal reddy street
5	162	T.G. nagar 22nd street (2 nos), T.G. nagar 6th main road, T.G. 8thstreet
6	164	Nanganallur 17th street, Nanganallur 36th street
7	165	Ram Nagar 7th street(2 no's), Nanganallur 10th street, Lakshmi nagar 2nd street, Vivekanandar street, Bharath nagar park, Ba- laji nagar 5th street, New colony 8th street, Ram nagar 2nd mainroad, Mamaganallur 10th street
8	166	Jain college road, Joseph 1st street
9	167	Nanganallur 5th main road 1st lane (2 no's), Lakshmi Main road (1no) Nanganallur 6th main road, Voltas colony and 100 feet road

Streets where water entered houses - do not require evacuation

During the last monsoon, 24 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bail out the rain water. Flood water from these areas were cleared by using 10 pumps rangining from 1 HP to 100 HP capacity. The identified vulnerable spots is as below,

SI.No.	Ward	Name of the Area/Streets			
1	156	ThiruvalluvarNagar,ArumugamNagar, GowriNagarand-CRRPuram			
2	157	KrishnaNagar,AmbedkarNagar,IndiraNagar			
3	158	KrishnaNagar,AmbedkarNagar,IndiraNagar			

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SI.No.	Ward	Name of the Area/Streets	
4	159	Ganapathypuram,Thulasingapuram	
5	161	BharathiyarStreet,AnnaStreetandThiru-Vi-KaStreet	
6	160	Madhavapuram East Street. Madhavapuran South Street, MadhavapuramNorthStreet	
7	162	KannanColony,Bharathiyar2ndStreet,ThiruvalluvarNagar2ndStreet 3rd Street, 4th Street ,Marizon 1st Street and Marizon2ndStreet	
8	168	Erikarai Street	
9	164	Nanganallur21ststreet	
10	165	Vallalarstreet,Bharathidasanstreet,Saraswathistreet	
11	166	B.V.Nagar13thStreet.	
12	167	Jainstaffcolony,Kannigacolony,EastMainroad	

Streets that require evacuation

During the heavy flood that occurred in 2015, Alandur zone there were 2150 people were evacuated from Thiruvalluvar nagar, MCS nagar, Dharmarajapuram, Puratchi thalaivi nagar, etc and they were accomodated in Government schools. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and locations of relief centres are given below,

SI. No.	Ward	Streets	No. of persons	Years	Relief centre
1	156	Thiruvalluvar nagar	100	2015	1. Govt. High School, Padasalai Street
2	156	MCS nagar	100	2015	2. Corporation Primary School, Padasalai Street 3. Corporation Middle School, Madananadhapuram Main Road Chennai-600 125

SI. No.	Ward	Streets	No. of persons	Years	Relief centre
3	157	Dharmarajapuram, Puratchi Thalaivi Nagar	450	2015	1.Corporation Middle School - M.G.Salai 2.Community Hall
4	157	Dr. Ambedkar Nagar	150		2.00mmamky Flam
5	158	Burma Colony	400	2015	1.Corporation Primary School, Mount Poonamallee 2.IDPL Primary School 3. Kuthallamman Temple Kalyana Mandabam 4. Cantonment School, Mount Poonamallee 5. Cantonment Community Hall
6	159	Kamarajar street	100	2015	Adi Dravidar School, Kamarajar street, Meenambakkam, Chi-27
7	161	V.O.C. Nagar	200	2015	Nidhi School - ponniamman kovil street
8	161	Raja Street	200	2015	CPS school ,MKN road
9	162	Kannan colony	100	2015	Community Hall & Gym Building
10	165	Indra nagar 1st and 2nd streets	250	2015	Nanganallur 8th street - C.P.S South new street
11	166	K.K. Nagar	100	2015	Corporation Primary school

Lighting Facilities

Establishing alternate sources of lighting and electricity is a pre-requisite. There is 1 batterypoweredHigh Mast Mobile Light and 7 Portable Generators availableinthezone. Issues like non-burning of street lights, electrocution shall be addressed to the following officials/staffs.

		Contact person			
SI. No.	Ward	Designation	Phone number		
1	156	Assistant Engineer	9445191463		
2	157 & 158	Junior Engineer	9445026090		
3	159,161,162	Junior Engineer	9445910960		
4	160,163,165	Assistant Engineer	9445477682		
5	164,166,167	Assistant Engineer	9445191464		

National Disaster Response Force (NDRF)

In Alandur zone, the NDRF to be stationed locations is given below,

S.No	Div. No.	Where NDRF to be stationed and deployed
1	156	Thiruvallur nagar
2	156	L and t CRR puram
3	157	River view colony

NDRF

The Commandant 04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

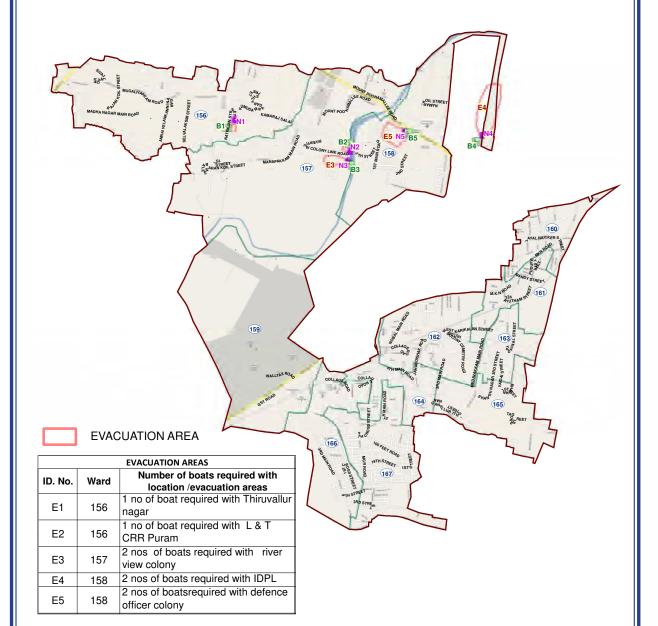
Phone No. 04177 – 246594/246269

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below

SI.No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Location	Contact Number
1	156	2nosof boats required withThiruvalluvar Nagar & Madha Nagar	Thiruvalluvar Nagar	9445190756
2	157	2nosof boats required withriverview colony	RiverViewColony	9445190757
3	158	2nos of boats required withDefence Officer Colony	Defence Officer Colony	9445190758

ZONE XII EVACUATION, NDRF TEAM & BOAT LOCATIONS



⟨RB/ B

BOAT LOCATION

	Boats			
ID. No. Ward		Boats stationed Locations		
B1	156	Thiruvalluvar Nagar		
B2	156	CRR Puram		
В3	157	River View Colony		
B4	158	Nandambakkam		
B5	158	Defence Colony		



NDRF TEAM

NDRF TEAM				
ID. No. Ward Where NDRF to be stationed and deploye				
N1	156	Thiruvallur nagar		
N2	156	L and t CRR puram		
N3	157	Defence officer colony		
N4	157	River view colony		
N5	158	IDPL		

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 3 debris lorries, 3 skid steer loaders and 1 front end loader are stationed for performing the job. The details of the lorries available in the zone are given below

No. of lorries and type kept in readiness	Nos
Debrislorry	4
Bobcat (Skidsteerloaders)	4
JCB (Frontendloader)	1
Closed van	1
HMV W/T	1
LMV W/T	1
Dog Van	1
Cattle Catcher	1
Ambulance	1

SI.	Depot A.E	Availability of Lorries							
No.		Contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry	Hydraulic Ladder	Debris lorry	TATA ACE
1	1	9445026094	1	3	2	1	1	3	1

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

In Alandur Zone there are no streets which are less than 2.5 m width. All the Zones are accessible with vehicles.

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details of other line departments and the measures and actions to be

taken before and during the rain is given below,

Ward committee - 156 Ward Councillor - 9445467156

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190756
GCC - Electrical	Assistant Engineer	9445191463
GCC- Health	Sanitary Inspector	9445025956
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190806
GCC - Revenue	Tax Collector	9941290401
Revenue	Revenue Inspector	9791196542
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930156
TANGEDCO	Junior Engineer	9445850192
BSNL	Assistant Engineer	9445010432
Fire service	Inspector	8300063745
Police station	Inspector	9498129780
PWD	Assistant Engineer	9443130220
TNSCB	Assistant Engineer	7010523262
Highways	Divisional Engineer	7904878273

Ward committee - 157 Ward Councillor - 9445467157

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190757
GCC - Electrical	Assistant Engineer	9445026090
GCC- Health	Sanitary Inspector	9786301769
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190807
GCC - Revenue	Tax Collector	9176675553
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930157
TANGEDCO	Junior Engineer	9445850192
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9445086050
Police station	Inspector	8124494876
PWD	Assistant Engineer	9443227382
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

Ward committee - 158 Ward Councillor - 9445467158

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190758
GCC - Electrical	Assistant Engineer	9445026090
GCC- Health	Sanitary Inspector	9445025956
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190808
GCC - Revenue	Tax Collector	9176675553
Revenue	Revenue Inspector	9791196542/ 9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930158
TANGEDCO	Junior Engineer	9445850190
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9865862993/ 9445086050
Police station	Inspector	9498100150
PWD	Assistant Engineer	9443227382
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9944180602

Ward committee - 159 Ward Councillor - 9445467159

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190759
GCC - Electrical	Assistant Engineer	9445910960
GCC- Health	Sanitary Inspector	9445025960
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9381072424
GCC - Revenue	Tax Collector	9380815146
Revenue	Revenue Inspector	9791196542
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930159
TANGEDCO	Junior Engineer	9445850190
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9865862993
Police station	Inspector	9498142686
PWD	Assistant Engineer	9486693837
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

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Ward committee - 160 Ward Councillor - 9445467160

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190760
GCC - Electrical	Assistant Engineer	9445477682
GCC- Health	Sanitary Inspector	9445025960
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9884230741
GCC - Revenue	Tax Collector	9941290401
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8411930160
TANGEDCO	Junior Engineer	9445850194
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9498132020
PWD	Assistant Engineer	9790730856
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9443132839

Ward committee - 161 Ward Councillor - 9445467161

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190761
GCC - Electrical	Assistant Engineer	9445910960
GCC- Health	Sanitary Inspector	9445025962
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190811
GCC - Revenue	Tax Collector	9380815146
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930161
TANGEDCO	Junior Engineer	9445850194
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9444970835
PWD	Assistant Engineer	9790730856
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9443132839

Ward committee - 162 Ward Councillor - 9445467162

Name of the department	Designation	Contact Number
GCC - Engineering	Junior Engineer	9445190762
GCC - Electrical	Assistant Engineer	9445910960
GCC- Health	Sanitary Inspector	9445025962
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190812
GCC - Revenue	Tax Collector	9884759276
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144960162
TANGEDCO	Junior Engineer	9445850187
BSNL	Assistant Engineer	9444979384/
55142		9486104010
Fire service	Inspector	9445083053
Police station	Inspector	9444772010/
ronce station		9498100161
PWD	Assistant Engineer	9444266697/
L AAD		7200027050
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9443132839

Ward committee - 163 Ward Councillor - 9445467163

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190763
GCC - Electrical	Assistant Engineer	9445477682
GCC- Health	Sanitary Inspector	9884696404
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190813
GCC - Revenue	Tax Collector /Aessesor	8667718200
Revenue	Revenue Inspector	9444876623
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930163
TANGEDCO	Assistant Engineer	9445850185
BSNL	Assistant Engineer	9445013007
Fire service	Inspector	9445083053
Police station	Inspector	9498100161/ 9443808523
PWD	Assistant Engineer	7200027050
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9443132839

Ward committee - 164 Ward Councillor - 9445467164

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190764
GCC - Electrical	Assistant Engineer	9445191464
GCC- Health	Sanitary Inspector	9445025965
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190814
GCC - Revenue	Tax Collector	8838005959
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8939730164
TANGEDCO	Junior Engineer	9445191464
BSNL	Assistant Engineer	9444979384
Fire service	Inspector	9445083053
Police station	Inspector	9840923652
PWD	Assistant Engineer	7200027050
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9840568582

Ward committee - 165 Ward Councillor - 9445467165

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190765
GCC - Electrical	Assistant Engineer	9445477682
GCC- Health	Sanitary Inspector	9445025965
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190815
GCC - Revenue	Tax Collector	8667718200
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930165
TANGEDCO	Junior Engineer	9445850186
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9790730856
PWD	Assistant Engineer	7200027050
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	9361600039

Ward committee - 166 Ward Councillor - 9445467166

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190766
GCC - Electrical	Assistant Engineer	9445191464
GCC- Health	Sanitary Inspector	9445025966
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190816
GCC - Revenue	Tax Collector	9789874309
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8144930315
TANGEDCO	Junior Engineer	9445850131
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9840540362
PWD	Assistant Engineer	9443227382
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

Ward committee - 167 Ward Councillor - 9445467167

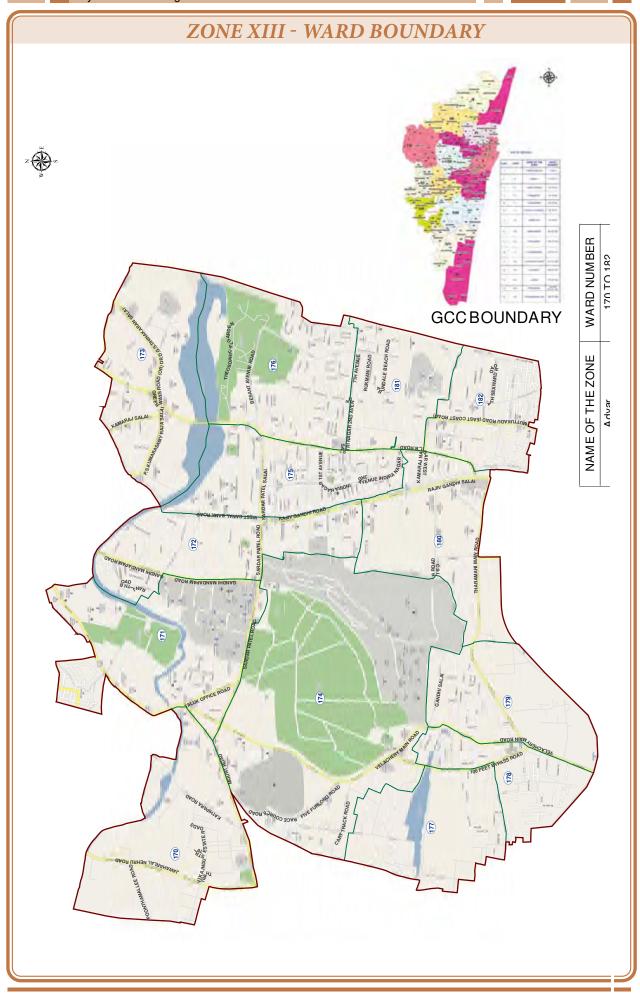
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190767
GCC - Electrical	Assistant Engineer	9445191464
GCC- Health	Sanitary Inspector	9445025966
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190817
GCC - Revenue	Tax Collector	9789874309
Revenue	Revenue Inspector	8056494720
GCC - Park overseer	Park Supervisor	7639523299
CMWSSB	Assistant Engineer	8939870167
TANGEDCO	Junior Engineer	9445850131
BSNL	Assistant Engineer	9445014944
Fire service	Inspector	9445083053
Police station	Inspector	9840923652
PWD	Assistant Engineer	9790730856
TNSCB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

ZONE - XIII

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ADYAR



Zone - 13 660

Profile

Adyar zone lies in Latitude 13.00501°, Longitude 80.25714° covering an area of 136.325 Sq.km.

Thereare 3002 roads, out of which 2935 roads to alength of 448.636 Kmare Interior Road s,52 Roads to alength of 37.837 Kmare Bus Route Roads which are maintained by GCC,14 roads are under the maintenance of Highways department and 1 roads is under the maintenance of TNRDC department

The population is about 11.57 lakh shaving Malepopulation of 50.90% and Female population of 49.10% in this zone. The most dense darea in this zone is 168 ward with a population of 70196 and the least is 178 with a population of 32844. The Ward wise population is given below,

SI.No.	Ward No.	Total House Holds	Total Population
1	168	17549	70196
2	169	10474	41896
3	170	19583	78333
4	171	9673	38691
5	172	8660	34640
6	173	13346	53385
7	174	13044	52175
8	175	14450	57798
9	176	14392	57567
10	177	14443	57772
11	178	8211	32844
12	179	11427	45706
13	180	11424	45697
Total		166676	666700

661 Zone - 13

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, 3 Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate officers. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	170 to 182	9445467172
2	Zonal Officer	170 to 182	9445190013

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer - I	169,170,171,173, 174, 179 & 180	9445190033
2	Executive Engineer - II	168, 172, 175, 176, 177,178	9445910926
3	Assistant Executive Engineer	U-38	9445190138
4	Assistant Executive Engineer	U-39	9445190139
5	Assistant Executive Engineer	U-40	9445190140
6	Assistant Executive Engineer	U-40A	9445026116
7	Additional Divisional Engineer, Electrical	168 to 180	9445190053
8	Assistant Executive Engineer, Mechanical	168 to 180	9840230256

Zone - 13 662

Solid Waste Management

There is a dedicated team in each zone that will look after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	ConservancySupervisor	Unit38& 39	8825563637
2	ConservancySupervisor	Unit40&40A	8838398964

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and coordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues is given below.

SI. No	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Assistant Health Officer	168 – 180	9445190073
2	Senior Entomologist	168 - 180	9445036578
3	Sanitary Officer	U 38	9445025878
4	Sanitary Officer	U 39	9445025961
5	Sanitary Officer	U 40	9445025895
6	Sanitary Officer	U 40A	9445025964

Parks

There are 84 Parks available in Saidapet, Kotturpuram, Adyar, Thiruvanmiyur etc. in this zone. These parks may serve as buffer zone to assemble and alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

663 **Zone - 13**

S.No	Ward	Name Of Ward	Location of the Park
1	168	Guindy - West	Central Excise Colony Park Customs Colony Park Olympia Tech Park Thamarai Tech Park Temple step Park Anna Salai
2	169	Saidapet	Labour Colony Park ITC OSR land Park Anna Salai Chinnamalai Park (Halda) Velachery Main Road
3	170	Kottur- puram	Dhandapani Park Senior citizen Park Govindaswamy Park NSK Park Kottur Villa River View Park Kottur Garden 1st Cr. St., Infinity Park Chitra Nagar Park
4	171	Raja Anna- malaipuram	Dharmambal Park Kesavaperumal Puram East Avenue Park Kesavaperumal Puram central Avenue Park Krishnapuri Main Road Park M.R.C Nagar extn. Park Vasantha Avenue Park May Flower Garden Park R.K. Nagar 2nd Main Road Sathyadev Avenue Extn park (Rani meiyammai Tower) M.R.C Nagar South Beach road Park Sathyadev Avenue Extn. Park (Jain Sakarika) The Lords Park, Sathyadev Avenue Ceebros Apartment Park MRC Nagar TVH Belicia Tower, MRC Nagar extn Chaitanya Park, Janaki Avenue Extn Leela Palace Park Sathyadev Avenue Karpagam Avenue 1st street, Raheja Regency

Zone - 13 664

S.No	Ward	Name Of Ward	Location of the Park
5	172	Maduvan- karai (Guin- dy East)	City limit road (Secretariat colony park) Velachery main road – Phoenix mall Park
6	173	Adyar	Indira Nagar 4th Cross Street Park Indira nagar 26th cross street Park Kamaraj nagar 4th West Street Park Kamaraj nagar 13th West Street Park Kotturpuram,Gandhi NagarCanal Bank Road Adyar river bank, Kotturpuram Puli Park Kamaraj nagar 2nd West Street Park Rajiv gandhi road
7	174	Besant Nagar	Padmanabha Nagar Park Aavin Park (Dr Muthulakshmi Park)
8	175	Adambak- kam	New NGO Colony II main road Park TNHB Colony 4th street Park Mahalakshmi Nagar 1st main road LH Nagar IV cross street Park
9	176	Velachery - West	Gangai Nagar II main road Park AGS Colony 4th cross street Park (Alacrity) AGS Colony 4th Main Road Park MRTS Parks AGS Colony 5th cross street Park
10	177	Velachery - East	Thiruvalluvar Park Bharathiar Park V.G.P Selva Nagar II main road Park Bethel Avenue Main Road Park (New) VGP Selva nagar 4th Main road Park Subramaniam Colony Park

Zone - 13 665

S.No	Ward	Name Of Ward	Location of the Park
			Ramagiri nagar I street Park
			CSIR Road,
			Ticel park Taramani, Chennai-113
			Kanagam Nehru street Park
11	178	Taramani	Ramanujam IT City, Taramani
			MGR Flim City Road
			Asscendas Park, IT Park
			World Bank Park
			IIT Reseach Park
12	179	Thiruvanmi- yur	M.G.R Road Park-1 Gangai Street (Arupadai Veedu) Park Tiger Varathachari Park Yamuna Street Park CGE colony Park
			Valmigi Nagar - 69th Cross Street Park
			Journalist Colony Park
			Thiruvalluvar Nagar II main road Park
40	400	Thiruvanmi-	Thiruvalluvar Nagar 43rd Cross Street Park
13	180	yur	Thiruvalluvar Nagar VII Cross Street Park
			Kannappa Nagar Park
			AIBEA Nagar (Devandra Nagar) Park
			1st seaward road Park
			Thiruvalluvar Nagar I Avenue Park

SI.	Team member contact No.	Equipment available (Tree cutting machine)	Area of operation
1	Park overseer 9445194728 Park Superintendent 7418787998	Electrical saw-1 Petrol saw - 16 Telescopic Pruner - 5 Telescopic stick-1 Manual – 2	Zone-13 (Div 168 to 180) Guindy, Saidapet, Kotturpuram, Raja Annamalaipuram, Maduvinkarai, Adyar,
			Besant nagar, Adambakkam, Velachery East & West, Taramani, Thiruvanmiyur

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are Fourty Six pumping stations available in Adyar zone with average capacity of 5.5MLD for each pumping station. These sewage pumping stations are maintained by CMWSSB. All the sewage pumping stations are equipped with different capacity of pumps in working condition. The details of the sewage pumping stations are given below,

SI.No.	Pumping Station	Capacity MLD	No. of pumps
1	Adyar Old & New	70.00	10
2	LIC Colony	44.00	3
3	Indira Nagar	12.00	3
4	Thiruvanmiyur	16.00	5
5	Gandhi Nagar	10.00	3
6	Velachery	15.00	3
7	Kottupuram	6.8	2
8	Guindy	9.00	2
9	Ekkattuthangal	10.00	4
10	Saidapet 'D'	4.00	2
11	Taramani	5.50	2
12	Thiruvalluvar Nagar	6.00	3

SI.No.	Pumping Station	Capacity MLD	No. of pumps
13	B.V.Nagar	2.5	3
14	512 HIG	2.5	2
15	Thanthai periyar Nagar	4.5	3
16	Sector – V	3.8	3
17	Murughu Nagar	6.00	2
18	P.T.C.Colony	1.25	3
19	Kalachetra Colony	3.00	3
20	Seethapathi Nagar	6.20	2
21	Periyar Nagar	4.00	2
22	Orrandiamman Koil	5.00	2
23	Saidapet – C	10	3
24	Sidco Main	5.00	2
25	Fore Shore Estate	2.50	3
26	AGS Colony	10.3	2
27	Lakshmi Nagar	5.30	3
28	RA Puram	1.75	2
29	Besant Nagar – I	1.00	2
30	Besant Nagar – II	3.00	2
31	Kanagam	1.5	2
32	Pallipattu	2.0	2
33	Sidco Lift	2.00	2
34	SKP Puram	2.00	2
35	Govindaswami Nagar	1.00	2
36	Valluvar Nagar	1.00	2
37	Rajaji Nagar	0.45	2
38	Brahmin Street	0.60	2
39	Bharathi Nagar	0.65	2
40	Suriya Nagar	0.8	2
41	Bharathi Avenue	1.00	2
42	Neruppumedu	0.8	2

SI.No.	Pumping Station	Capacity MLD	No. of pumps
43	Nagi Reddy Thottam	0.8	2
44	Baby Nagar	1.80	2
45	Maanjolai	0.8	2
46	Urrur kuppam	2.0	2
47	Narasingapuram	2.0	1
48	Kalaimagal nagar	2.0	2
49	Sidco (Adyar CRRT)	2.0	2
50	Kotturpuram puducherry	2.0	2
51	Jothiammal Nagar	2.0	2
52	Arasupannai	2.0	2

Tamil Nadu Urban Habitat Development Board tenements - (TNUHDB)

There are 5956 TNUHDB tenements in the following location with a population of 41351.

Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so.

The details of tenements and the contact details of the officials are given below,

SI. No.	Ward No.	Tenement location	No. of tenement	Population
1	169 -	Venkatapuram	836	4675
2		Appavo Nagar	426	1816
3	Saidapet	Subbu Pillai Thottam	96	625
4		Chitranagar	460	2350
5		Westcanalbankroad	432	2625
6	170 -	Kotturpuram (EWS) - HFA	128	640
7	Kotturpuram	Kotturpuram (EWS)		1675
8		40	200	7200

City	Disaster	Management Plan
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SI. No.	Ward No.	Tenement location	No. of tenement	Population
9	171 -	Kotturpuram (LGGS)	140	700
10	Raja	Rajamuthaiahpuram	272	1675
11	Annamalaipuram	Srinivasapuram	1356	7200
12	173 -	ValleeswaranKoil Thottam	630	1455
13	Adyar	Rukmanigarden	100	600
14		Indranagar	840	4360
15	174 -	Periyar Nagar	1500	5150
16	Besant Nagar	Kakkan colony	304	1625
17	178- Taramani	Sastri Nagar	80	400
18	179 -	Kanagam	480	2000
19	Thiruvanmiyur	RajivGandhiNagar	128	1075
		Singaravelannagar	8608	41351

Contact details:

Department	Designation	Area	Contact No.
TNUHDB	Executive Engineer	Division - 7	9444724812
Conservancy/GCC	Conservancy Supervisor	Unit-38 &39	8825563637
Conservancy/GCC	Conservancy Supervisor	Unit-40&40A	8838398964
Water Supply& Sewage /CMWSSB	Area Engineer	Area - 13	8144930913

Water Bodies and Waterways

There are 4 Canals passing in this zone (1) Guindy Industrial canal is maintained by GCC which originates from kathipara bridge travel about 1.90 Km in the zone and

disposes via Nagi (R) Garden street and then melds at Adyar river, (2) Rajbhavan canal is maintained by GCC which touches the zone at Rajbavan compound wall near Raj bahavan colony travel about 1.00 Km within the zone and disposes through Velachery main road and joins Velachery lake and (3) Mambalam canal is maintained by GCC which touches the zone at West CIT Nagar travel about 0.850 Km in the zone and disposes through the Toddhunter nagar and drain into Adyar River. (4) Buckingham Canal is maintained by PWD which touches the zone at Kotturpuram near railway station travel about 2.50 Km in the zone and disposes through the SRP Tools and drain into Okkiyam Canal – joined into Muttukadu Lake. Raj bavan Canal which touches the zone at Chellammal college travel about 2.50 Km within the zone and disposes through the Adyar River and drain into Adyar River.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and de-silting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 187.184 km to ease the flow of rain water.

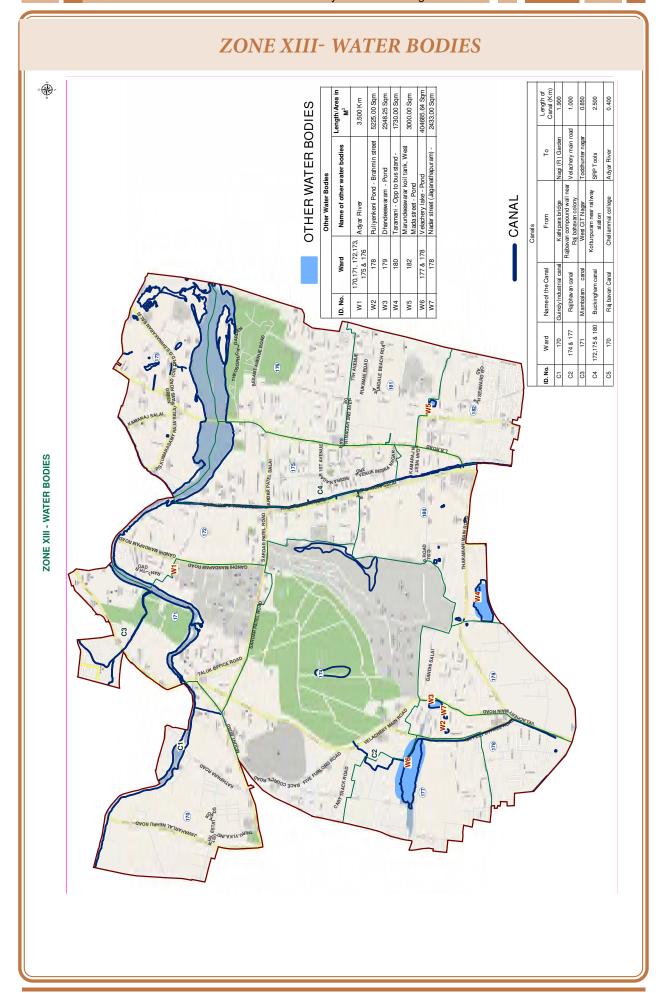
The details of various water bodies in this zone is listed below,

Canals

SI. No.	Name of the Canal	Wards Covered	From	То	Length of Canal (Km)
1	Guindy Industrial canal	168	Kathipara bridge	Nagi (R) Garden	1.900
2	Rajbhavan canal	172&175	Rajbavan compound wall near Raj bahavan colony	Velachery main road	1.000
3	Mambalam canal	169	West CIT Nagar	Toddhunter nagar	0.850
4	Mambalam canal	170,171, 173 178 &180	Kotturpuram near railway station	SRP Tools	2.500
5	Buckingham Canal	170	Kathipara bridge	Nagi (R) Garden	1.600
6	Raj bavan Canal	168	Chellammal college	Adyar River	2.500

Other water bodies

SI No	Ward No	Name of other water bodies	Length / Area
1	168,169,170,171, 173 & 174	Adyar River	3.500 Km
2	76	Puliyenkeni Pond - Brahmin street	5225.00 Sqm
3	77	Dhandeeswaram - Pond	2348.25 Sqm
4	78	Taramani - Opp to bus stand - Pond	1730.00 Sqm
5	80	Marundeeswarar koil tank, West Mada street - Pond	3000.00 Sqm
6	175 & 176	Velachery lake - Pond	404685.64 Sqm
7	76	Nadar street (Jaganathapuram) - Pond	2433.00 Sqm



Storm water drain

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off the rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

809 storm water drains to a length of 192.473 Km were constructed to ease the flow of rain water in Valasaravakkam zone. The details of SWD and instructions to be followed before and during rain are given below.

SI. No.	Ward/Name	Total No. of SWDs	Length of SWDs (in Km)
1	168 - Guindy - West	47	11.77
2	169 - Saidapet	36	10.954
3	170 - Kotturpuram	51	13.329
4	171 - Raja Annamalaipuram	46	14.146
5	172 - Maduvankarai (Guindy East)	22	9.473
6	173 - Adyar	124	36.13
7	174 - Besant Nagar	42	9.885
8	175 - Adambakkam	83	13.623
9	176 - Velachery - West	144	27.343
10	177 - Velachery - East	113	21.12
11	178 - Taramani	27	8.15
12	179 - Thiruvanmiyur	24	8.22
13	180 - Thiruvanmiyur	50	8.33
		809	192.473

Water stagnated streets in the previous monsoon - heavy rain (only overflow of Adyar river)

During the last monsson, 4 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone. The identified vulnerable spots and the actions taken to dispose the rain water in each location is as below,

Water stagnated streets in the previous monsoon - Mild rain

SI No	Ward No	Name of the street
1		Nill

Water stagnated streets in the previous monsoon - Moderate rain

SI No	Ward No	Name of the street
1	168 – Guindy – West	Jawaharlal Nehru Road
2	172 Maduvankarai (Guindy East)	Cart track road
3	173 - Adyar	Kamaraj Avenue 2nd Street JN of KB Nagar 2nd Cross street KB Nagar 3rd Cross street (Near Nilgiris)
4	175- Adambakkam	TNHB Colony 10th street Andal Nagar 1st main road
5	176 – Velachery	A.G.S Colony Vijayanagar area Ram Nagar area
6	177 – Velachery	Udayam nagar Main road Dhandeeswaram 7th main road
7	178 – Taramani	Kennady street Raniyammal street
8	180- Thiruvanmiyur	I Sea Ward road Balakrishna Road JN

Stagnation of water in streets due to sewer blocks

In Adyar zone, the following were the streets which had sewer blocks.

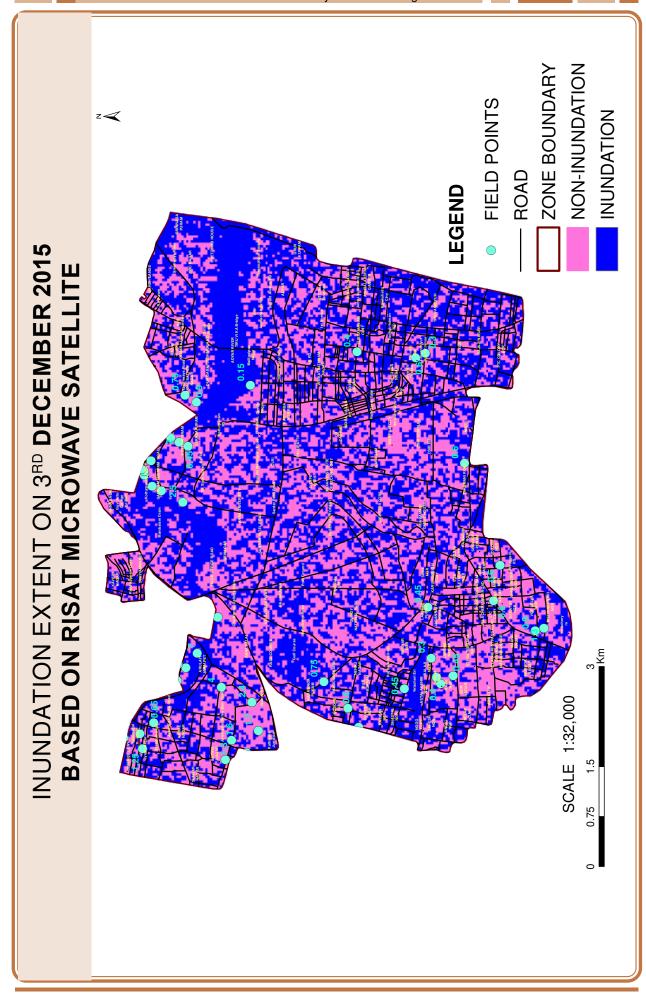
SI. No.	ward /Name	Name of the Streets	No. of manholes
		New Street	2
		LakeView Street	3
4	170	Kotturpuram 2ndmain road	2
'	Kotturpuram	Peeliamman koil street	1
		Sriram Colony Main road	4
		Yadaval Street	2
2	172-Maduvankarai Guindy East	Masque Colony New street	10

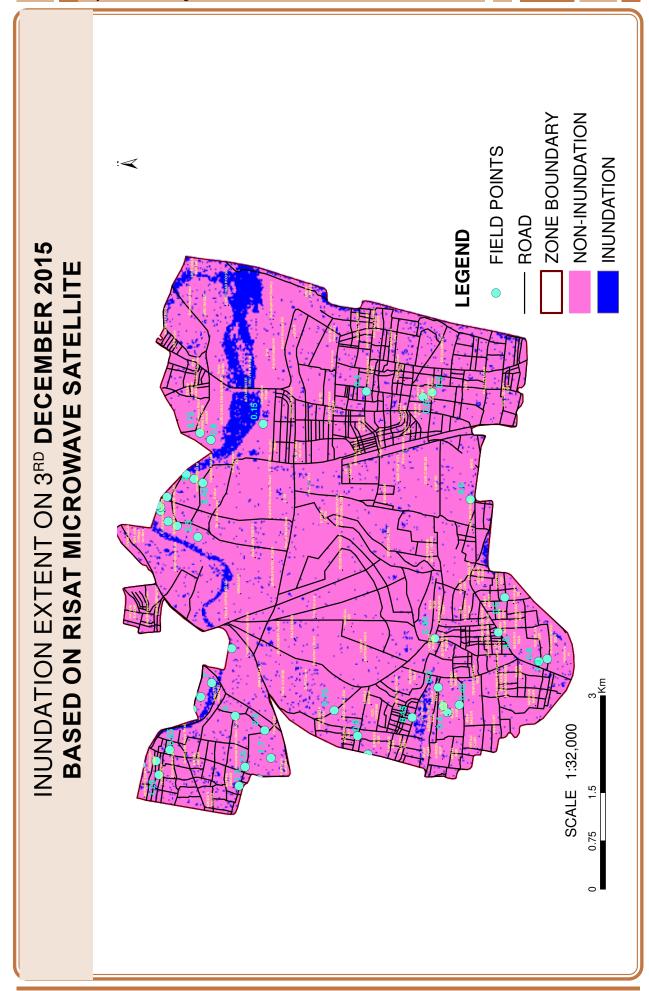
SI. No.	ward /Name	Name of the Streets	No. of manholes
3	176- Velachery West	MGR Nagar Devi Karumari Amman 9th Street	3 2 3
4	177 -Velachery	Lakshmi nagar 3rd Cross Street Lakshmipuram Throwapathy Amman Koil street Jagannadhapuram Orandiammankoil Street Celliamman Nagar	1 3 4 2 1

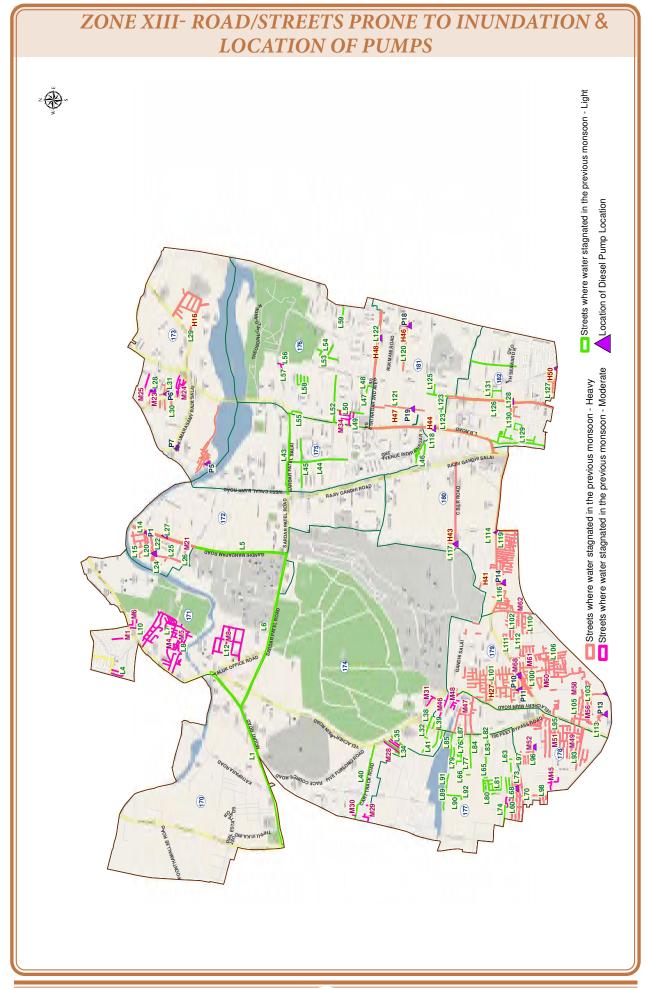
SI.No	Ward/ Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	168	Nagi (R) Thottam Chetti thottam Neruppumedu Vinayagapuram Anusuyamandapam	5HP-2 10HP-1	Nagi (R) Garden & Neruppumedu	Adyar River
2	170	Chitra nagar - Kotturpuram	5HP-2 10HP-1	Near bridge	Adyar River
3	175	Lakshmi nagar	5HP-2 10HP-1		Rajiv Nagar main road - SWD
4	176	Kalki nagar	12HP – 1 6HP - 1	Vacant land	Veerangal Odai

Anna University has mapped the areas inundated in this zone during 2015 flood by crowd source method, the picture of the same is given below.

The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.







Relief Centres

During last monsoon no relief centres were opened

There are 16 relief centres to a total capacity of 5700 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

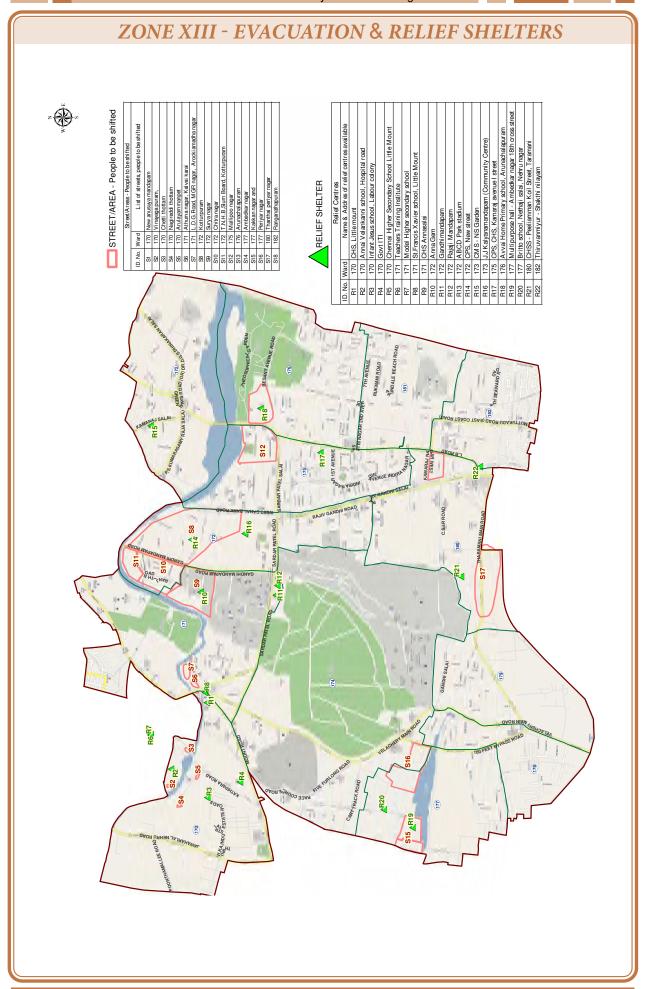
S.No	Ward/ Name	Capacity	Name of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No.																					
1		500	Annai Velankanni school, Hospital road	Vinayaga puram, Chetti thottam, Neruppumedu, Alachiamman	Yes	Yes	No	Evacuation	Assistant Engineer	9445190768																					
2	168 Guin-	700	Infant Jesus school, Labour colony	Nagi reddi thottam, Arulayammanpet	Yes	Yes	No	Food	Assessor	9941155489																					
	dy		Chennai Higher Secondary					Yes No											Relief Materials	Sanitary Officer	9445025961										
3		750	School Little Mount Annai Velankanni school, Hospital road Govt ITI	Arulayammanpet	Arulayammanpet	Yes	No		Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025970																				
					A				Evacuation	Assistant Engineer	9445190769																				
	169		Model Higher			Aragunannai	Arasunannai	Aracupappai	Aragunannai	Aracunannai	Arasupappai	Arasupannai,	Argoupoppoi	Aragunannai	Aragunannai	Aragunannai	.					A	A	^	A	A	A				Food
4	Said- apet	400	secondary school	Jothiammal Nagar	Yes	Yes	No	Relief Materials	Sanitary Officer	9566270882																					
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9840555598																					
_			A C	T.N.H.B, T.N.U.H.D.B, Kotturpuram and Kottur	T.N.U.H.D.B, Kotturpuram and	T.N.U.H.D.B, Kotturpuram and	V			Sanitation,	Assistant Engineer	9445025971																			
5	170 – Kottur puram	250	Anna Gem				Kotturpuram and	Yes	Yes	No	Medicine & Drinking water	Assessor	9445190770																		
	Pulaili		CPS, New	T.N.H.B, T.N.U.H.D.B,	V	V		Na Sanitary	Sanitary Officer	9789930967																					
6	CPS, New street		Kotturpuram and Kottur	Yes	Yes	No	Inspector	Sanitary Inspector	9445025895																						

		City Disaster Management Plan GCC							GCC																																							
S.No	Ward/ Name	Capacity	Name of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No.																																						
								Evacuation	Assistant Engineer	9445190772																																						
	172							Food	Assessor	8754441465																																						
7	Velach- ery	1000	Chennai Hr. Sec. School	Maduvinkarai	Yes	Yes	s No	Relief Materials	Sanitary Officer	8939771046																																						
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025977																																						
8		300	Chennai School					Evacuation	Assistant Engineer	9445190773																																						
	170 -		Kamaraj	Kamaraj	Adyar	Adyar	Adyar		-		Food	Assessor	9840925087																																			
	Kottur puram		Chennai	Adyar				Yes	Yes	No	Relief Materials	Sanitary Officer	9445025895																																			
9		100	School Indhira nagar															Sanitation, Medicine & Drinking water	Sanitary Inspector	7395948700																												
								Arijnachajanijram				Evacuation	Assistant Engineer	9445190774																																		
	174 -								Arunachalapuram				Food	Assessor	9840925087																																	
10	Besant nagar	250	Anna School - Besant Nagar	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram			Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Arunachalapuram	Yes	Yes	No	Relief Materials	Sanitary Officer	9445025982
																										Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025878																				
11		Britto school, 200 Nethaji salai, Nehru nagar	Nethaji salai, Ambedkar nagar,				Sanitation, Medicine & Drinking water	Sanitary Inspector	9445190775																																							
	175 Adam-	Adam-		Yes		Yes Yes N				Evacuation	Assistant Engineer	9444101255																																				
12	bakkam cPS-1		CPS- Housing Board		700	.03	No	Food	Assistant Revenue Officer	9445025964																																						
								Relief Materials	Sanitary Officer	9445025975																																						

Zone - 13

GCC

S.No	Ward/ Name	Capacity	Name of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No.												
										Sanitation, Medicine & Drinking water	Sanitary Inspector	9445190777										
13	176176 Velach- ery West	1000	Murugan kalyanaman- dapam	Erikkarai Salai	Yes	Yes	Yes	Evacuation	Assistant Engineer	8838786685												
	ery west		чаран					Food	Assistant Revenue Officer	6380254301												
								Relief Materials	Sanitary Officer	9445025961												
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445190778												
14	177	Govt Higher 300 Secondary Throwpathyam-	Throwpathyam- man koil Street				Evacuation	Assistant Engineer	9095723274													
	Velach- ery East		School,														Yes	Yes	No	Food	Assistant Revenue Officer	8610129943
15		300	CPS, CHS Rajalakshmi nagar		-			Relief Materials	Sanitary Officer	9445025961												
16		200	Chennai School	Udhayam Nagar					Sanitation, Medicine & Drinking water	Sanitary Inspector	9445190780											
	178 - Taram-		Tragai			Yes	Yes No	Evacuation	Assistant Engineer	6383193613												
17	ani -	350	CPS, CHS - Peeliamman Koil Street,	Thanthai periyar				Food	Assistant Revenue Officer	9840925087												
		Taramani		nagar				Relief Materials	Sanitary Officer	9176764146												
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445190780												
18	180 Thiru-	Thiru-	Thiruvanmiyur 00 - Shakthi nilayam Ranganatha- puram	-	Yes	Yes	No	Evacuation	Assistant Engineer	9445025982												
							Food	Assistant Revenue Officer	9566270882													
								Relief Materials	Sanitary Officer	9445025878												



Subway

There are 2 subways available at Guindy and Thiyagaraya nagar in Adyar zone. The submersible pumps and diesel pumps are installed permanently to pump out the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

SI. No	Ward / Location	Length of the subway in 'm'	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Pedestrian subway, Guindy, ward- 168	25m	Guindy industrial drain	25HP–1Nos. (MaintainedbyHighways)
2	Aranganathan subway, ward-169	500m	Mambalam canal	1 Nos - 25HP(Diesel), 1 Nos - 13HP(Diesel), 1 Nos - 25HP(Electrical), 1 Nos - 20HP(Electrical), 1 Nos - 10HP(Electrical), 1 Nos - 7.5HP(Electrical) 1 Nos - 5 HP (Electrical) 1 Nos - 22 HP (Electrical) 1 Nos - 35 HP (Electrical)

Tree fall

During the last monsoon - 2023 in Adyar zone totally 230 tree & branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI No	Ward	Name of the Street
1	168 Guindy - West	Alandur road
2	169 Saidapet	Kotturpuram Main road

SI No	Ward	Name of the Street
3	170 Kotturpuram	Kotturpuram Main road, SP Road
4	171	DGS Dinakaran Salai RK Mutt road
5	172 Maduvankarai (Guindy East)	Velachery Main road
6	173 Adyar	Indra nagar II avenue Kasthuri bai nagar III main road
7	174 Besant Nagar	Padmanabha nagar V main road Besant Avenue Karpagam garden V cross street Sastri nagar I main road
8	175 Adambakkam	Brindhavan Nagar Mainb road
9	176 - Velachery - West	Vijaya Nagar
10	177 - Velachery - East	Velachery Main road
11	178 Taramani	Kamaraj Nagar
12	179 Thiruvanmiyur	Arundel beach road - Kalakshetra colony Rukmani street
13	180 - Thiruvanmiyur	Kamaraj nagar , ECR

Streets where water enter houses - does not require evacuation

During the last monsoon, inundated spots where water entered houses but doesn't require evacuation were identified and actions were taken to bail out the rain water. During NEM 2017 the under mentioned location was inundated for more than a day by which the normal day to day activity of 15 families were standstilled. Flood water from this area was cleared by using 12HP & 10HP pumps (2 Nos) The identified vulnerable spot is as below.

	City Disaster Management Plan				
SI No	Ward /Name	Streets			
1	177 Velachery - East	Udayam Nagar			

Streets that require evacuation

During the heavy flood that occurred in 2017, in Adyar zone, No evacuation was done.

SI No	Ward /Name	Streets	No of persons	Year	Relief centre
1	168 - 180	Nil			

Lighting Facilities

The details are given belowwith contactnumbers. Issues like non burning of street lights, electrocution shall be addressed to the following of ficials/staff.

		Contact person		
SI. No.	Ward	Designation	Phone number	
1	168	Assistant Engineer	9445191494	
2	169,170	Assistant Engineer	9445026101	
3	171	Assistant Engineer	9445191469	
4	172	Assistant Engineer	9445190147	
5	173,174	Assistant Engineer	9445191469	
6	175	Assistant Engineer	9445191494	
7	176,177	Assistant Engineer	9445191467	
9	178	Assistant Engineer	9445191470	
	179,180		9445191468	

National Disaster Response Force

In Adyar zone, for the last monsoon No NDRF was stationed.

For – 2023 – informed to NDRF

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	169	Sri nagar colony, CIT Nagar, Ranjith road
2	170	Kotturpuram TNSCB Residence
3	173	Mallipoo nagar, Kasthuri bai nagar II cross street
4	175	AGS colony IV main road
5	176	Ram nagar
6	176	AGS Colony
7	176	Tambaram Velachery main road
8	176	Vijaya nagar
9	177	Tansi nagar

NDRF_

The Commandant

04, Battalion(NDRF)

Suraksha Campus

Takkolam, Arakkonam

Vellore District – 631 152

Phone No. 04177 - 246594/246269

687 Zone - 13

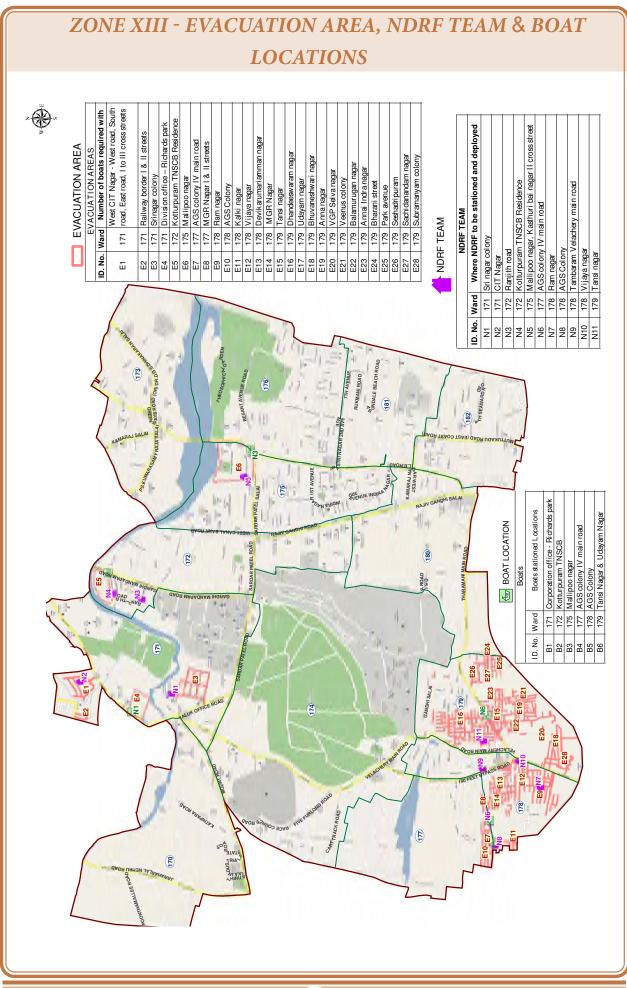
Rescue Boats

No boats were used in the previous monsoon – NEM 2017

For 2018, in the following locations were identified for precautionary measures

SI.No.	Ward	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact person & Number
1	169	2 Nos / Srinagar Colony	Rangarajapuram	
2	170	2 Nos / Adyar River bund / Gandhi Mandapam Road	Chitra Nagar, Sooriya Nagar	Dn.183 – Private Boat Owner
3	173	2 Nos / Adyar river bund / DD Road	Mallipoo Nagar	: Kuppam / Kottivakkam 9383677999 9941156796 &
4	176	2 Nos / 100' bypass road	AGS Colony	Muttukadu boat club - 9176995860
5	176	2 Nos / Ram nagar North Extn 6th Main road	Ram nagar,Muru gunagar,Shanka rnagar,Padmavat hinagar,Srinivasa nagar	

SI.No.	Ward	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact person & Number
6	176	2 Nos / Vijayanagar 13th Main road	Vijayanagar,Devi Karumariyamman nagar,M.G.Rnaga r,Golden avenue	
7	176	2 Nos / AGS Colony 4th main road	AGS colony,Kalikin agar,Chokkalingam nagar	Dn.183 – Private
8	177	2 Nos / Tansi Nagar 15th Street (Jn. of Velachery - Taramani 100 feet road)	Tansi Nagar, Annai Indira Nagar, Anna Nagar, Baby Nagar, Balakrishna Nagar, Venus Colony, Balamurugan Nagar, V.G.P. Sleva Nagar, Bhuvaneswari Nagar	Boat Owner : Kuppam / Kottivakkam 9383677999 9941156796 & Muttukadu boat club - 9176995860
9	179	3 Nos / Kamaraj Nagar 3rd East Cross Street	Kamaraj Nagar 1st, 2nd & 3rd East cross Street, Siva sundhram Avenue & Valmiki Street	



Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 4 debris lorries, 2 skid steer loaders and 1 front end loaders are stationed for performing the job. The details of the lorries available in this zone are given below

No. of lorries and type kept in readiness		
Open lorry	- 4	
Skid steer loaders (Bob cat)	- 2	
(Front end loader) JCB	- 1	

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
AE-9445026115				
		2	3	1
AEE-9840230256				

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

In Adyar Zone the following zones where not accessible by vehicles

SI.No	ward /Name	Street Names
1	170 - Kotturpuram	Chitra nagar
2		Ram Nagar
3	176 - Velachery - West	A.G.S colony
4		Tansi nagar
5	177 - Velachery - East	Bharani street

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

The contact details of other line departments and the measures and actions to be taken before and during the rain is given below,

Ward committee - 168

Ward Councillor -9445467168

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190768
GCC - Electrical	Assistant Engineer	9445191494
GCC- Health	Sanitary Inspector	9445025970
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9789085866
GCC - Revenue	Tax Collector	7395956435
Revenue	Revenue Inspector	9025768637
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930168
TANGEDCO	Junior Engineer	9445850183
BSNL	Assistant Engineer	044 22501444
Fire service	Inspector	9445086050
Police station	Inspector	9498141371
PWD	Executive Engineer	9884114458
TNSCB	Executive Engineer	9840712579
Highways	Divisional Engineer	8754442222

Ward committee – 169 Ward Councillor - 9445467169

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190769
GCC - Electrical	Assistant Engineer	9445026101
GCC- Health	Sanitary Inspector	9445025971
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9884538348
GCC - Revenue	Tax Collector	6381506918
Revenue	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930169
TANGEDCO	Junior Engineer	9445850183
BSNL	Office	9445011101
		9445086040
Fire service	Inspector	9445086052
		9566012733
Police station	Inspector	9498131600
PWD	Executive Engineer	9597249929 /
FVVD	Executive Engineer	8122286242
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee - 170

Ward Councillor -9445467170

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190770
GCC - Electrical	Assistant Engineer	9445026101
GCC- Health	Sanitary Inspector	9445025971
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445025913
GCC - Revenue	Tax Collector	7397323500
Revenue	Revenue Inspector	7010887760
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930170
TANGEDCO	Junior Engineer	9445850152 / 9445850153
BSNL	Office	044-2855 0432
Fire service	Inspector	9445086040 / 9445086052 9566012733
Police station	Inspector	9498131197
PWD	Executive Engineer	9597249929 / 8122286242
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee – 171 Ward Councillor -9445467171

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190771
GCC - Electrical	LI	9445191469
GCC- Health	Sanitary Inspector	7395948700
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445190822
GCC - Revenue	Tax Collector	9840661625
Revenue	Revenue Inspector	9003592461
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930171
TANGEDCO	Junior Engineer	9445850774 / 9445850746
BSNL	Office	9445011101
Fire service	Inspector	9445086040 / 9445086052 9566012733
Police station	Inspector	9840705322
PWD	Executive Engineer	9597249929 / 8122286242
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

693 **Zone - 13**

Ward committee – 172 Ward Councillor -9445467172

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190772
GCC - Electrical	LI	9445190147
GCC- Health	Sanitary Inspector	9445025977
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445190824
GCC - Revenue	Tax Collector	9940375445
Revenue	Revenue Inspector	9384094063
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930172
TANGEDCO	Junior Engineer	9445850182
BSNL	Office	044 22501444
Fire service	Inspector	9445086050
Police station	Inspector	9498141371
PWD	Executive Engineer	9884114458
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee - 173 Ward Councillor -9445467173

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190773
GCC - Electrical	Assistant Engineer	9445191469
GCC- Health	Sanitary Inspector	7395948700
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9840804403
GCC - Revenue	Tax Collector	8778625129
Revenue	Revenue Inspector	8870158508
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930173
TANGEDCO	Junior Engineer	9445850146
BSNL	Assistant Engineer	9445011101
Fire service	Inspector	9445086040/ 9445086052 / 9566012733
Police station	Inspector	9940542976
PWD	Executive Engineer	9597249929 / 8122286242
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee – 174 Ward Councillor -9445467174

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190774
GCC - Electrical	Assistant Engineer	9445191469
GCC- Health	Sanitary Inspector	9445025982
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste man-	Conservancy Inspector	9080738155
agement	Conscivancy inspector	3000700100
GCC - Revenue	Tax Collector	8778625129
Revenue	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930174
TANGEDCO	Junior Engineer	9445850146
BSNL	Office	9445015181
Fire service	Inspector	9445086040 / 9445086052 / 9566012733
Police station	Inspector	8903401666
PWD	Executive Engineer	8122286242
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222
Ward committee – 175		
Ward Councillor -9445467		
Name of the department	Designation	Contact Number
Name of the department GCC - Engineering	Designation Assistant Engineer	9445190775
Name of the department GCC - Engineering GCC - Electrical	Designation Assistant Engineer Assistant Engineer	9445190775 9445191494
Name of the department GCC - Engineering GCC - Electrical GCC- Health	Designation Assistant Engineer Assistant Engineer Sanitary Inspector	9445190775 9445191494 9445025975
Name of the department GCC - Engineering GCC - Electrical	Designation Assistant Engineer Assistant Engineer	9445190775 9445191494
Name of the department GCC - Engineering GCC - Electrical GCC- Health	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS	9445190775 9445191494 9445025975
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste man-	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS	9445190775 9445191494 9445025975 9940040737
Name of the department GCC - Engineering GCC - Electrical GCC- Health GCC - Vetenary GCC - Solid waste management	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector	9445190775 9445191494 9445025975 9940040737 9444249554
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector	9445190775 9445191494 9445025975 9940040737 9444249554
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589
Name of the department GCC - Engineering GCC - Electrical GCC- Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer CMWSSB	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175 9445850160
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer CMWSSB TANGEDCO	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175 9445850160
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer CMWSSB TANGEDCO BSNL	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer Assistant Engineer	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175 9445850160 9445015181
Name of the department GCC - Engineering GCC - Electrical GCC - Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer CMWSSB TANGEDCO BSNL Fire service	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer Assistant Engineer Inspector	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175 9445850160 9445015181 - 7200771113
Name of the department GCC - Engineering GCC - Electrical GCC- Health GCC - Vetenary GCC - Solid waste management GCC - Revenue 9444012656 Revenue GCC - Park overseer CMWSSB TANGEDCO BSNL Fire service Police station	Designation Assistant Engineer Assistant Engineer Sanitary Inspector VAS Conservancy Inspector Tax Collector Revenue Inspector Park Supervisor Assistant Engineer Junior Engineer Inspector Inspector	9445190775 9445191494 9445025975 9940040737 9444249554 9940160944 9841338589 9445194730 8144930175 9445850160 9445015181 - 7200771113 9952046172

Ward committee - 176 Ward councillor - 9445467176

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190776
GCC - Electrical	Assistant Engineer	9445191467
GCC- Health	Sanitary Inspector	8838786685
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445025907
GCC - Revenue	Tax Collector	9092519361
Revenue	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930176
TANGEDCO	Junior Engineer	9445850162 & 9445850186
BSNL	Assistant Engineer	9445015181
Fire service	Inspector	9445086527
Police station	Inspector	9444714222
PWD	Executive Engineer	9952046172
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee - 177 Ward councillor - 9445467177

Wald Codificilior = 9443407177			
Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190777	
GCC - Electrical	Assistant Engineer	9445191467	
GCC- Health	Sanitary Inspector	8838786685	
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737	
GCC - Solid waste management	Conservancy Inspector	9445190829	
GCC - Revenue	Tax Collector	9962666842	
Revenue	Revenue Inspector	9841338589	
GCC - Park overseer	Park Supervisor	9445194730	
CMWSSB	Assistant Engineer	8144930177	
TANGEDCO	Junior Engineer	9445850161 / 9445850163	
BSNL	Assistant Engineer	9445015181	
Fire service	Inspector	9445086527	
Police station	Inspector	9444714222	
PWD	Assistant Engineer	9952046172	
TNSCB	Executive Engineer	9840680953	
Highways	Divisional Engineer	8754442222	

Ward committee – 178 Ward councillor – 9445467178

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190778
GCC - Electrical	Assistant Engineer	9445191470
GCC- Health	Sanitary Inspector	9095723274
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445025905
GCC - Revenue	Tax Collector	9444012656
Revenue	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930178
TANGEDCO	Junior Engineer	9445850161 /
TANGEBEO	Julior Engineer	9445850152
BSNL	Assistant Engineer	9445013210
Fire service	Inspector	9445086527
Police station	Inspector	9894787228
PWD	Assistant Engineer	9952046172
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

Ward committee - 179 Ward councillor - 9445467179

Ward Councilior = 9445467179			
Name of the de- partment	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190779	
GCC - Electrical	Assistant Engineer	9445191468	
GCC- Health	Sanitary Inspector	9095723274	
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737	
GCC - Solid waste management	Conservancy Inspector	9788659841	
GCC - Revenue	Tax Collector	9710602288	
Revenue	Revenue Inspector	9841338589	
GCC - Park overseer	Park Supervisor	9445194730	
CMWSSB	Assistant Engineer	8144930179	
TANGEDCO	Junior Engineer	9445850148 / 9445850156 /	
TANGEDCO	Junior Engineer	9445850149	
BSNL	Office	9423993294	
Fire service	Inspector	9445086040 / 9445086052 /	
File Service		9566012733	
Police station	Inspector	9994077778	
PWD	Executive Engineer	9597249929	
TNSCB	Executive Engineer	9840680953	
Highways	Divisional Engineer	8754442222	

Ward committee - 180 Ward councillor - 9445467180

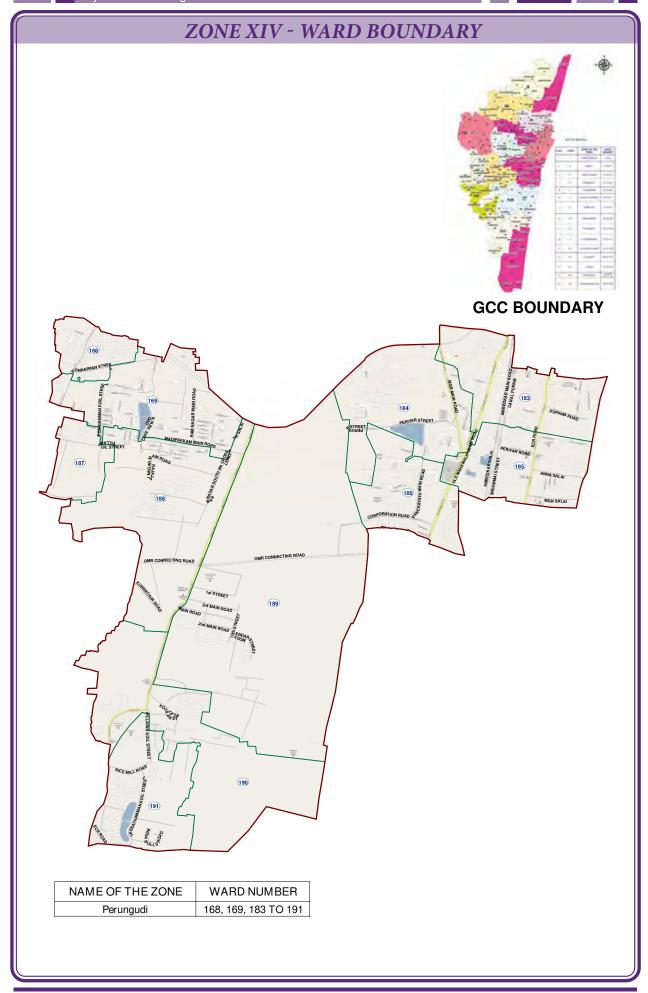
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190780
GCC - Electrical	Assistant Engineer	9445191468
GCC- Health	Sanitary Inspector	6383193613
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Conservancy Inspector	9445025912
GCC - Revenue	Tax Collector	9789519276
Revenue	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930180
TANGEDCO	Junior Engineer	9445850148 / 9445850156 / 9445850149
BSNL	Office	9423993294
Fire service	Inspector	9445086040 / 9445086052 / 9566012733
Police station	Inspector	9994077778
PWD	Executive Engineer	9597249929
TNSCB	Executive Engineer	9840680953
Highways	Divisional Engineer	8754442222

ZONE - XIV

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PERUNGUDI



Zone - 14 700

Profile

The Perungudi zone lies in Latitude 13.0052°, Longitude 80.20248° and covering an area of 34.74 Sq.km.

There are 3121 roads, out of which 3106 roads to a length of 45.53 Sq.km are Interior Roads, which are maintained by GCC and the remaining 12 roads are under the maintenance of Highways department and 1 road belongs to TNRDC.

The population is about 4.68 lakhs that has Male population of 50.58% and Female population of 49.42 % In this zone, the most densed area is old ward 183, (New Ward 181) with a population of 40,728 and the least is old ward 186 (New Ward 184) with a population of 21,500. The Ward wise population are given below,

SI.No.	Ward No.	Total House Holds	Total Population
1	181	7673	30692
2	182	9784	39136
3	183	8509	34036
4	184	14479	57916
5	185	7561	30244
6	186	14580	58320
7	187	6078	24312
8	188	16191	64764
9	189	10108	40432
10	190	11261	45044
11	191	10926	43704
TOTAL		117150	468600

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, 2 Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Zonal Officer	41,42,43/181-191	9445190014

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation are jurisdiction with contact details are given below.

SI.No.	Zone/Unit/ Ward	Designation	Phone/ Mobile No.
1.	14	Zonal Officer	9445190014
2.	14	ExecutiveEngineer-I	9445190034
3.	14	ExecutiveEngineer-II	9445026083
4.	41	Assistant Executive Engineer	9445190141
5.	42	Assistant Executive Engineer	9445190142
6.	43	Assistant Executive Engineer	9445190143
7.	SWM	Assistant Executive Engineer	9445910971
8	Special Projects	Assistant Executive Engineer	9445026079
9	14	AdditionalDivisionalEngineer,Ele ctrical	9445190054
10	14	AssistantExecutiveEngineer,Mecha nical	9445190484,9445190490, 9094046132,9094046132

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI.No.	Designation	Zone/Unit/Div.	Phone/Mobile No.
1.	Conservancy Supervisor	U-41	9445191441
2	Conservancy Supervisor	U-42	9445191442
3	Conservancy Supervisor	U-43	9445191443

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues are given below.

SI.No.	Designation	Zone/Unit/Div.	Phone/Mobile No.
1.	Zonal Health Officer	14	9445190074
2.	Sanitary Officer	U-41,	9445025985
3	Sanitary Officer	U-42	9445191400
4	Sanitary Officer	U-43	9445190841
5	Vetinary surgeon	Z-14	9445026043
6	Junior Entomologist	Z-14	9445190475

Parks

There are 75 Parks available in Lakshmi Nagar, Balaji Nagar, Ramappa Nagar, Govindan Nagar, Venkatesan Nagar, Karthikeyapuram, Ramamurthy Nagar, Kamakotti Nagar, Dr.Ambedhkar Nagar. These parks may serve as buffer zone to assemble and to alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI.No.	Team member contact No.	Equipment available	Area of operation
1.	Park Overseer 9445071062	Tree cutting saw Manual – 8 Power saw-12	Entire Perungudi Zone

	Oity Biodoto	er Mariagement Plan
S.No	Ward	Name / Location of the Park
1.	181	Karpagambal Nagar 3rd Street, Netco colony
2.	182	Thiruvalluvar street,Ramappa nagar 1st cross street,CBI Colony 2nd main road,Anna nedunsalai ferrai house park,Anna nedunsalai twin court park,MGR Salai (Ramaniyan Kudirupu),Sathyamoorthy road Lakshmanan Nagar,Anna Nedunsalai, Jain House,RMZ Phase I
3.	183	Vgp layout 4th main road, Palavakka ECR (amara) park, Kandasamy Nagar 3rd street, Govindhan Nagar 1st street (Poomalai Street)
4.	184	Omathurai park,Thirumalai nagar Park,Vengateswara nagar park,Rajiv nagar,Anna nedunchalai,Telephone nagar 2nd cross street,Rajiv Nagar 1st Main Road Doshi flat park,Panchayat road jain anumitha flat park,Corporation road park
5.	185	Lakshmi nagar 10th street
6.	186	Balaji nagar extn south,lyyan thiruvalluvar park,Balaji nagar 19th street,Ags colony 2nd Street,Annai therasa 14th street,Epr nagar,Hindu colony 2nd Main Road park,Velachery Innering Road,Andavar street,Balaji Nagar 24th Street
7.	187	Park square colony park,Karhtikeyapuram 6th street,Mahatma ganthi park
8.	188	Rajalakshmi nagar 1st Main Road,Anna nagar 5th main road,Dr Ramamoorthy nagar park 1st Main Road,JV Nagar,Ram Nagar 8th cross street,Bajanai Kovil Street,Naickar Kuttai Mahalakshmi Nagar Main Road,Senthil Nagar Main Road
9.	189	Astalakshmi avenune,VGP shanthi nagar,Arumugam nagar,IIT colony 3rd main road,Kamakotti nagar 1st main road,Thamaraikulam park,Herbal park,Chettinadu housing park1,Chettinadu housing park3,Kamakoti Nagar 4th & 5th Street Junction,Kamakotti Nagar 9th cross Street,,Rajesh nagar,Kamakoti Nagar 6th Street North,Jones foundation east (near Max worth Nagar),Chetti Nadu Housing Park – 2,Jones foundation west (near Max worth Nagar),Chettinad Enclave
10.	190	Dr ambedkar park,
11.	191	Jayachandran nagar 5th main road, Jayachandran nagar 1st main road, Selene Estate, Krishna Nagar 3rd Cross street, Muthu Nagar OSR Park

Sewage Pumping Stations

Pumpingstationsavailable at Dn 184 in Perungudi Zone.

Tamil Nadu Slum Clearance Board tenements

There are no TNSCB tenements in Perungudi Zone.

Water Bodies and Waterways

There are 3 Canals passing in this zone (1) Buckingham canal, maintained by PWD which originates from Thiruvanmiyur and Kottivakkam about 2.80 Km in the zone and disposes via Palavakkam and Neelangarai and then melds at sea (Bay of Bengal),(2) Narayanapuram lake canal, maintained by PWD which touches the zone at Kovilambakkam travels about 0.8 Km in the zone and disposes through Marsh Land and joins at sea (Bay of Bengal) and (3) Mylai Balaji Nagar Canal, maintained by GCC which touches the zone at Ramnagar, 16th street travel about 0.8 Km in the zone and disposes through the marsh land and drain at sea (Bay of Bengal)

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 55.94 km to ease the flow of rain water.

The details of various water bodies in this zone are listed below,

Canals

SI. No.	Name of the Canal	Divisions Covered	From	То	Length of Canal (Km)
1	B Canal	181	Avvai Nagar	Kamarajar Salai	1.3
2	B Canal	183	Kamaraj Salai	govindan nagar 1st main road	1.09
3	Veerangal Odai (MGR Street to Vanuvampet)	185	MGR Street	Vanumpet	0.92
4	Veerangal Odai	188	Ram nagar 16th street	marsh land	0.8
5	Veerangal odai (South Side)	186	Puzhuthivakkam MRTS	Velachery MRTS	2.8
6	lyappa Nagar	187	Medavakkam- Mount Highways	Lakeview main road	0.38
7	Pilliyar Koil Street	187	Pillaiyar koil street	Kulakkarai 2nd cross street	0.12
8	Veerangal odai	188	Velachery Inner ring road	Marsh Land	0.15
9	Mylai Balaji Nagar 1st Block Canal	188	Ram Nagar South 16th Main Road	Marsh Land	0.21

SI.	Name of the	Divisions	From	То	Length of
No.	Canal	Covered	FIOIII	10	Canal (Km)
10	Mylai Balaji Nagar	188	Govindan Street	Marsh Land	0.24
10	4th Block Canal	100	Govindan Street	Maisii Lailu	0.24
11	Narayanapuram	189	Narayanapuram	Marsh Land	0.45
''	Vaikal	109	Lake	Maisii Lailu	0.45
11	Narayanapuram	189	Narayanapuram	Marsh Land	0.45
11	Vaikal	109	Lake	iviai Si I Lanu	0.45

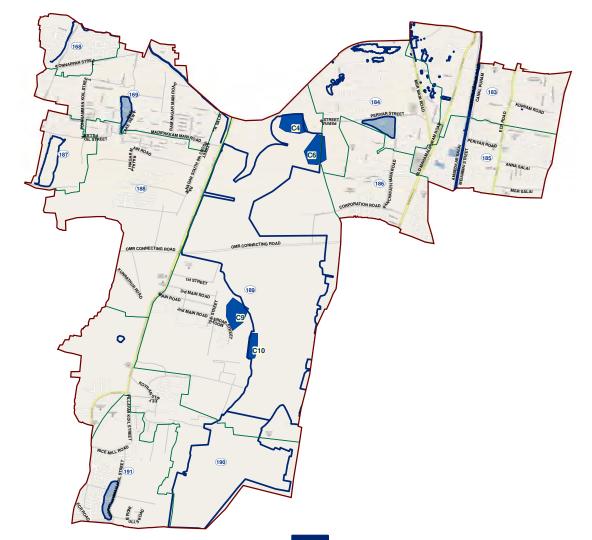
Other water bodies

S. No	Ward	Location	Length/Area in M ²	Maintenance
1	181	Thamarai Keni Kulam	2576.37	GCC
2	182	Anna Nedunsalai,Lake	159700.00	PWD
3	183	Amara Park, Jaishankar Nagar	2517.00	GCC
4	184	Vembuliamman Street	2025.00	GCC
5	184	Panchayat Main Road	2250.00	GCC
6	184	Veerapandiakattabomman Street(Kilinjal Kulam)	3600.00	GCC
7	186	Puzhuthivakkam Chitheri	111372.00	GCC
8	186	Gangaiamman Kulam (Annai Therasa Nagar 10th Street)	2050.00	GCC
9	186	Rettai Kuttai (Annai Therasa Nagar 14th Street)	750.00	GCC
10	186	Sadai Kuttai (Annai Therasa Nagar 14th Street)	500.00	GCC
11	186	Mandapa Kuttai (Ramalingam Nagar Main Road)	1850.00	GCC
12	187	Madipakkam lyappa nagar lake	205500.00	PWD
13	187	Gangai Amman Kulam (Kulakarai 2nd Street)	187000.00	GCC
14	188	Naickar Kuttai (Dr. Ambedkar Salai Mahalakshmi Nagar Jn.)	4170.00	GCC
15	189	Narayanapuram Lake	227250.00	PWD

S. No	Ward	Location	Length/Area in M ²	Maintenance
16	189	Tambaram Velachery Main Road,Thamaraikulam	14811.49	GCC
17	189	Thulukanathamman Koil Main Road,Nasan Kulam	600.00	GCC
18	189	Ayyan Kulam (Salpan Kuttai)	21100.00	GCC
19	190	Periya Eri (PWD) (Bhavani Am- man Koil street)	60780.00	PWD
20	190	Anai Eri (PWD) (Ambal Nagar)	121561.00	PWD
21	190	Citheri (Kovalan Nagar) (PWD) Thulukathamman main road)	76200.00	GCC
22	190	Amman Kulam (Ambal nagar)	7300.00	GCC
23	190	Pillaiyar Koil (Tambaram Velach- ery Main Road)	9500.00	GCC
24	190	Varadharajapuram Kulam	2400.00	GCC
25	190	Thandukkarai Kulam (Vivekanan- dar 1st Main Road)	10500.00	GCC
26	191	Jalladianpet Lake, Periya Eri (Veerathamman Koil Street) (PWD)	273900.00	PWD
27	191	Anchaneyar Nagar(Vannan kut- tai)	101171.00	GCC
28	191	Gandhi Street(Uthukulam)	3600.00	GCC
29	191	Thiruvalluvar Nagar Kuttai	1150.00	GCC
30	191	Paladiyamman Koil Street (Kut- tai)	176.00	GCC
31	191	Jayachandiran Nagar 1st Main Road pond	5880.00	GCC

ZONE XIV - WATER BODIES





CANAL/OTHER WATER BODIES

		Canal/Other water bodies
ID	Ward	Name of the Canal/Other water bodies
C1	168	Veerangal Odai
C2	169	Veerangal Odai
C3	183	B'Canal
C4	184	Perungudi Marsh Land
C5	185	B'Canal
C6	186	Pallikaranai Marsh Land
C6A	186	B'Canal
C7	187	canal located at the back side of Mylai Balaji Nagar
C8	188	canal located at the back side of Mylai Balaji Nagar
C9	189	Pallikaranai Marsh Land
C10	190	Pallikaranai Marsh Land
C11	191	PWD Lake

Storm water drain

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, there is no integrated storm water drain network available in this zone.

190 storm water drains to a length of 75.820 Km were constructed to ease the flow of rain water in Perungudi zone. The details of SWD and instructions to be followed before and during rain are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs Km
1.	181	5	1.05
2.	182	38	16.87
3.	183	15	2.93
4.	184	7	4.53
5.	185	6	2.72
6.	186	10	3.87
7.	187	14	3.95
8.	188	60	25.88
9.	189	23	5.43
10.	190	4	0.90
11.	191	6	1.92
Total	188	70.00	70.00

Water stagnated streets in the previous monsoon - heavy rain fall

During the last monsoon, 86 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identified water stagnation and actions taken to dispose the rain water in each location are as below,

S. No	Div	Location	Reason for inun- dation	Motor details (Hp,Diesel/ Petrol,Tractor)
1	181	L.P Nagar	Low lying area, it is an Aquifer area	5 HP / Diesel
2	181	Jaganathan Street	Low lying area, it is an Aquifer area	5 HP / Diesel
3	181	Lakshmi Vathana Street	Low lying area, it is an Aquifer area	7.5 HP / Diesel
4	181	Sri Venkateshwara Nagar 9 th St	Low lying area, it is an Aquifer area	25 HP / Diesel
5	181	KalyaniNimalan Street	Low lying area, it is an Aquifer area	5 HP / Diesel
6	181	Kaveri Nagar 6th Street	Low lying area, it is an Aquifer area	45 HP / Diesel
7	181	Kaveri Nagar 5 th Street	Low lying area, it is an Aquifer area	45 HP / Diesel
8	181	Bay Watch Road	Low lying area, it is an Aquifer area	100 HP / Elec 45 HP / Diesel
9	181	Swaminathan Nagar Streets	Due to raising of B Canal Water level back flow	5 HP / Diesel
10	181	Natco Colony	Due to raising of B Canal Water level back flow	5 HP / Diesel
11	182	Maruthi Nagar 1st main road	SWD Issue	25 HP / Diesel
12	182	Maruthi Nagar 2 nd main road	SWD Issue	5 HP / Diesel
13	182	Maruthi Nagar 5 th cross street	SWD Issue	25 HP / Diesel
14	182	Senthil Nagar 5 th cross street	SWD Issue	2 HP / Diesel
15	182	OMR(Junction of MGR Salai)	Low Lying area	45 HP / Diesel
16	183	VGP Nagar	Low Lying area	25 HP / Elec
17	183	Palakalai Nagar	SWD Issue	50 HP /Tractor
18	183	Jaishanakar Nagar	SWD Issue	10 HP / Diesel
19	183	Govindhan Nagar	SWD Issue	25 HP / Diesel 50 HP / Tractor

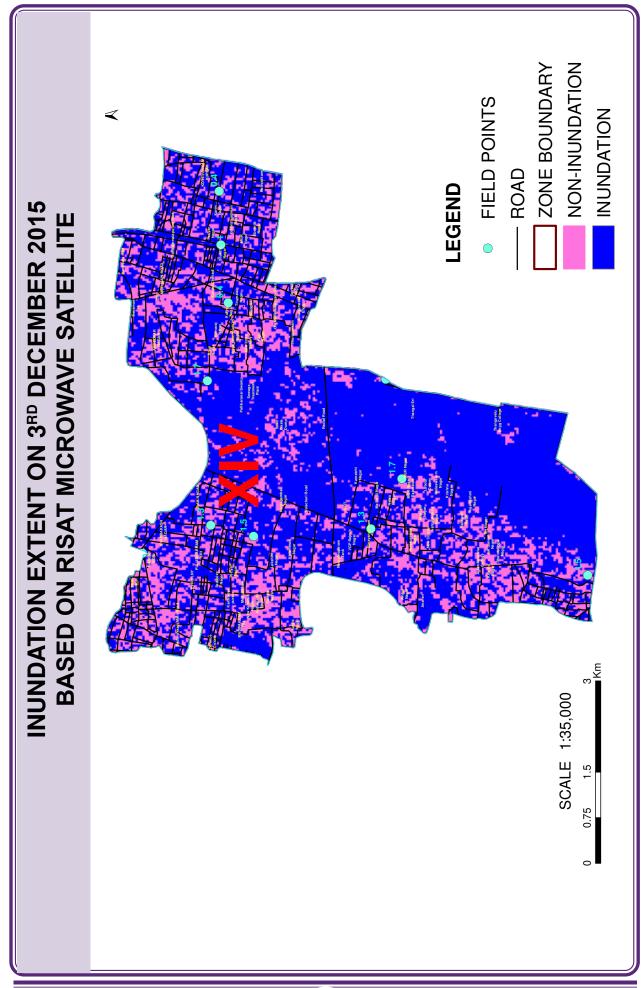
S. No	Div	Location	Reason for inundation	Motor details (Hp,Diesel/ Petrol,Tractor)
20	183	Kandasamy Nagar	Low Lying area	4 / HP
21	183	Mayana Salai	Low Lying area	50 / HP
22	184	Panchayat office road	Low Lying area	5 HP / Diesel
23	184	Thirumalai Nagar	Low Lying area	5 HP / Diesel
24	184	Saravananagar	Low Lying area	5 HP / Diesel
25	184	Kumaran Nagar	Low Lying area	5 HP / Diesel
26	184	Seevaram 1 st and 2 nd street	Low Lying area	25 HP / Diesel
27	184	Selvaganapathy avenue	Low Lying area	25 HP / Diesel
28	184	Rajiv nagar	Low Lying area	25 HP / Diesel
29	184	Janakiraman Nagar	Low Lying area	25 HP / Diesel
30	184	Kamarajar Nagar	Low Lying area	25 HP / Diesel
31	184	Periyar Salai	Low Lying area	25 HP / Diesel
32	184	Nethaji Nagar	Low Lying area	25 HP / Diesel
33	184	Kallukuttai	Canal Blockage	25 HP / Diesel
34	185	Kuberan Munusamy Street	SWD Disposal	50 HP / Diesel
35	185	Lakshmi Nagar 5 th Street Extn	Low Lying area	25 HP / Diesel
36	185	Balaji Avenue	Low Lying area	25 HP / Diesel
37	185	Giri Street	Low Lying area	
38	185	Kasturibai street	Low Lying area	
39	185	Balaji Nagar 10 th street Extn	No Storm Water Drain	25 HP / Diesel
40	186	New India Colony	Disposal end of Veerangal odai overflow	50 HP / Tractor
41	186	Mageswari Avenue	Disposal end of Veerangal odai overflow	10 HP / Diesel
42	186	Jaya Nagar	No Storm Water Drain	10 HP / Diesel
43	186	Ram Nagar (North)	Disposal end of Veerangal odai overflow	25 HP / Diesel (2 no's)

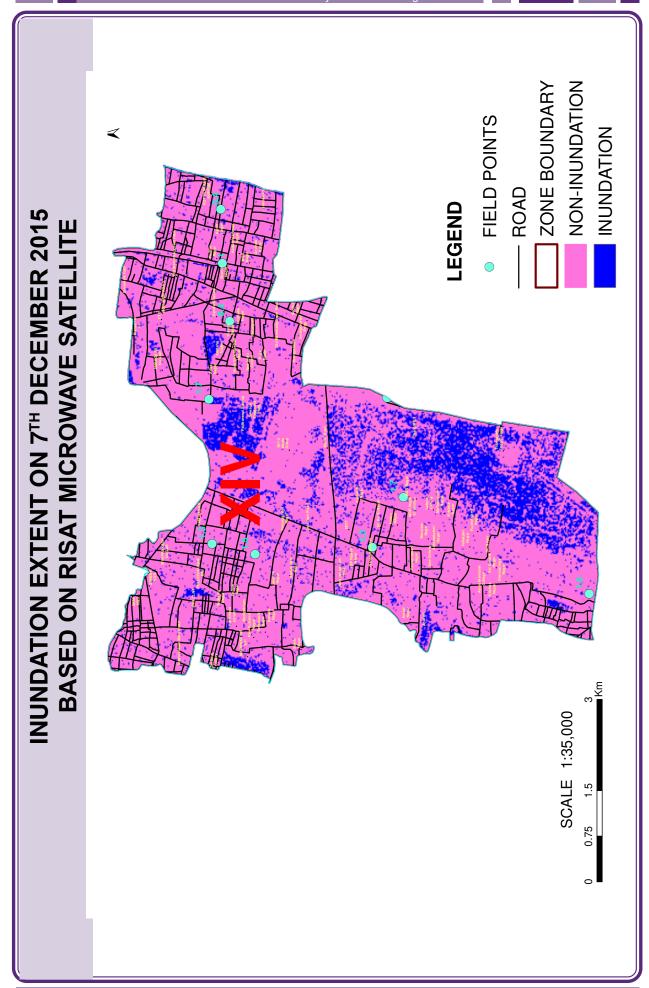
S. NoDivLocationReason for inundationMotor detain (Hp,Diesel/Petrol,Tract)44186Balaji NagarDisposal end of Veerangal odai overflow5 HP / Die Overflow45187Deivanai Nagar 2nd streetLow lying area5 HP / Die Overflow46187Deivanai Nagar 3rd streetLow lying area50 HP / Tract47187Bharath StreetLow lying area5 HP / Die Overflow48188Anna NagarLow lying area5 HP / Die Overflow49188Meenakshi NagarLow lying area50 HP / Tract50188Arumugam NagarLow lying area5 HP / Die Overflow51188Kuberan nagar ExtnLow lying area5 HP / Die Overflow52188Ram Nagar (south)Low lying area5 HP / Die Overflow53188LIC NagarLow lying area5 HP / Die Overflow54188Sadasivam NagarLow lying area5 HP / Die Overflow	sel sel ctor sel
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54 188 Sadasivam Nagar Low lying area 5 HP / Die	sel
	sel
55 188 Lakshmi Nagar Low lying area 10 HP / Die	esel
56 189 Rajesh Nagar Low lying area 5 HP / Die	sel
57 189 Nageswari Amman Nagar Low lying area 5 HP / Die	sel
58 189 Ma Po Si Nagar Low lying area 5 HP / Die	sel
59 189 Kamakotti Nagar Low lying area 5 HP / Die	sel
60 189 SaiBalaj Nagar Part – Low lying area 50 HP / Tra	ctor
61 189 Veppampattu Low lying area 50 HP / Tra	ctor
62 189 Sai Baba Nagar Low lying area 50 HP / Tra	ctor
63 189 Pudhuthangal Low lying area 50HP / Tra-	ctor
64 189 Malligeswaran Nagar Low lying area 50HP / Tra-	ctor
65 189 Anna M.G.R Nagar Low lying area 50HP / Tra-	ctor
66 189 Dr. Ambedkar street Low lying area 50HP / Tra-	ctor
67 189 Labour colony Low lying area 50HP / Tra-	ctor
68 189 NagathammanKoil Street Low lying area 50HP / Tra	ctor
69 189 Troppical colony Low lying area 5 HP / Die	sel
70 189 Seevas Avenue Low lying area 5 HP / Die	001
71 189 AGS Colony Low lying area 5 HP / Die	SEI
72 189 Dhanam Nagar Low lying area 5 HP / Die	
73 189 Arun Nagar Low lying area 50HP / Tra	sel

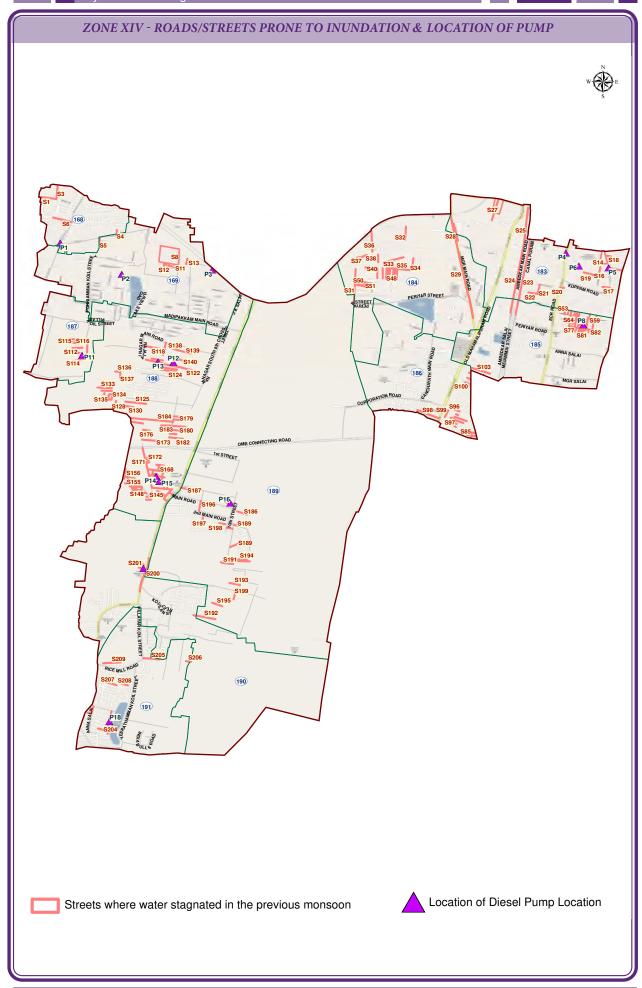
S. No	Div	Location	Reason for inun- dation	Motor details (Hp,Diesel/ Petrol,Tractor)
74	189	Kamatchiyamman Nagar	Low lying area	50HP / Tractor
75	189	Quidemillath Nagar	Low lying area	50HP / Tractor
76	190	SaiBalaji Nagar 2 nd to 4 th Part (21Roads	Low lying area	50HP / Tractor
77	190	Pasumpon Nagar (3 Roads)	Low lying area	10 HP / Diesel
78	190	PampanSamy Nagar (3Roads)	Low lying area	10 HP / Diesel
79	190	Sri Nagar (3 Roads)	Low lying area	7.5 HP / Diesel
80	190	VallalPari Nagar (4 Roads)	Low lying area	10 HP / Diesel
81	190	Rajalakshmi Nagar 7 th Street extn (Ranga- nathapuram) (1 Road)	Near Marsh land	10 HP / Diesel
82	191	Sai Ganesh Nagar (35Nos Cross street & 6 main road) 41 streets	Near Marsh land	50HP / Tractor
83	191	Pandiyan Nagar (2Nos Main road & 7Nos cross street) 9 streets	Lake	50HP / Tractor
84	191	Nesavalar Nagar (12 Streets)	Lake	5 HP / Diesel
85	191	Padmavathi Nagar (6 streets)	Low lying area	5 HP / Diesel
86	191	Masuthi street	Low lying area	5 HP / Diesel
87	191	Manickam street	Low lying area	5 HP / Diesel
88	191	Quaide Millath street	Low lying area	6.5 HP / Diesel

Anna University has mapped the areas inundated in this zone during 2005 flood by crowd sourc method, the picture of the same is given below.

The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pump sets. The RISAT satellite maps and GCC map are given below for clarity and understanding.







Saravana Nagar



Stagnation of water in streets due to sewer blocks:

There is no sewer Blocks in Perungudi Zone.

Relief Centres

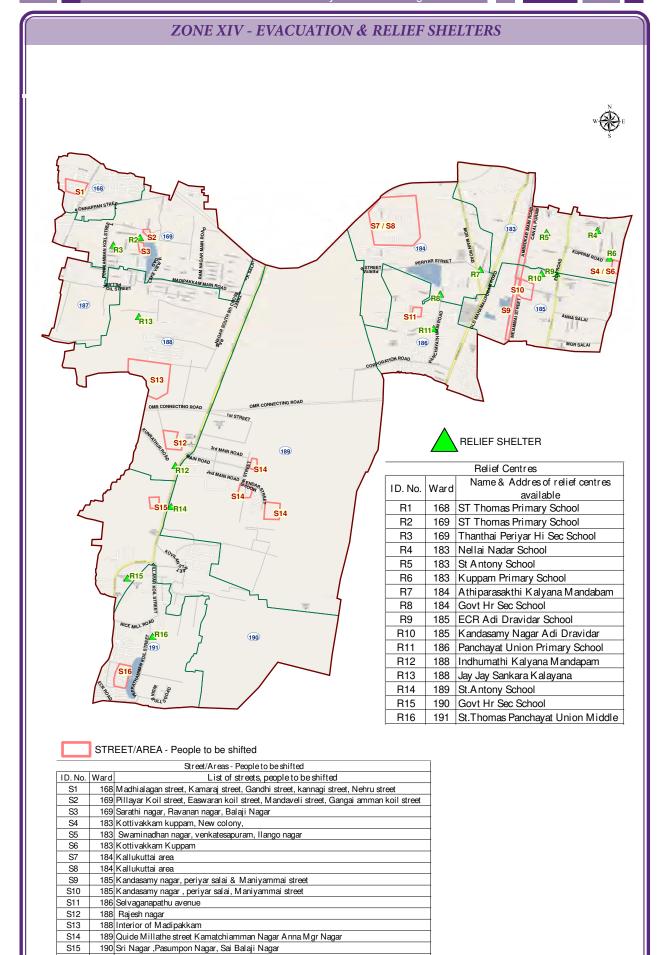
There are 12 relief centres to a total capacity of 3250 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

S. No	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.								
				Madhialagan				Sanitation, Medicine	SI	9445025983								
	405	000	ST Thomas Primary	street, Gandhi street,	Kamaraj street, Gandhi street, kannagi street, Nehru	Kamaraj	S	S	0	Evacuation	AE	9445190781						
1	185	200	School (Nanganallur)									YE	YES	ON	Food & Drinking water	ARO	9445190094	
	-							Relief Materials	AE	9445190781								

S. No	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.	
				Pillayar Koil street,				Sanitation, Medicine	SI	9445025983	
2	186	300	ST Thomas Primary	Easwaran koil street,	YES	YES	9	Evacuation	AE	9445190781	
	School Mandaveli street, Gangai amman koil street	>	>	> 2	Food & Drinking water	ARO	9445190094				
				Street				Relief Materials	AE	9445190781	
								Sanitation, Medicine	SI	9445025986	
			Thanthai	Sarathi nagar, Ravanan	(0	(0		Evacuation	AE	9445190782	
3	3 186 700 Periyar Hi Sec School	nagar, Balaji Nagar	YES	YES	1 2	Food& Drinking water	ARO	9445190094			
								elief Materials	AE	9445190782	
								Sanitation, Medicine	SI	9445025983	
						YES		Evacuation	AE	9445190783	
4	181	1500	Nellai Nadar School	Kottivakkam kuppam, New colony,	YES		YES	ON	Pood & Drinking AR water	ARO	9499937314
									Relief Materials	AE	9445190783
								Sanitation, Medicine	SI	9445025986	
			St Antony	Swaminadhan	(0	(0		Evacuation	AE	9445190784	
5	181	1500	St Antony School	nagar, enkatesapuram, Ilango nagar	YES	YES	YES	Food & Drinking water	ARO	9445190094	
								Relief Materials	AE	9445190784	

S. No	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge	Contact No.						
								Sanitation, Medicine	SI	9445025990						
								Evacuation	AE	9445190785						
6	182 300 Kuppam Primary School Kottivakkam Kuppam	YES	YES	NO	Food & Drinking water	ARO	9445190094									
								Relief Materials	AE	9445190785						
								Sanitation, Medicine	SI	9445025990						
	Govt Hr Sec Kallukuttai School area	တ	S		Evacuation	AE	9445190786									
7		area	area	area	area	area	YES	YES	YES	Food & Drinking water	ARO	9445190094				
								Relief Materials	AE	9445190786						
								Sanitation, Medicine	SI	9445025988						
			ECR Adi	Kandasamy nagar, periyar				Evacuation	AE	9445190787						
8	183	1500	Dravidar School	salai & Maniyammai street	Maniyammai	Maniyammai	Maniyammai	Maniyammai	Maniyammai	salai & Maniyammai	YES	YES	NO NO	Food & Drinking water	ARO	9499937314
								Relief Materials	AE	9445190788						
								Sanitation, Medicine	SI	9445025987						
			Kandasamy Nagar Adi	Kandasamy				Evacuation	AE	9445190788						
9	Primary Maniyammai	YES	YES	YES	Food & Drinking water	ARO	9499937314									
	School street					Relief Materials	AE	9445190788								

S. No	Ward	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in- charge	Contact No.												
								Sanitation, Medicine	SI	9445025989												
10	Panchayat Union Selvaganapathu Selvaganapathu avenue		Evacuation	AE	9445190789																	
			Primary School	Selvaganapathu avenue	_	Food & Drinking water	ARO	9499937314														
								Relief Materials	AE	9445190789												
							Sanitation, Medicine	SI	9445025989													
11	188	1800	Jay Jay San- kara Kalayana	Interior of Madipakkam	YES	YES	NO	Evacuation	AE	9445190790												
			Mandapam		Madipalikam	Wadiparkaiii	Wauipakkaiii	Wauipakkaiii	Wauipakkaiii	iviadipakkaiii	Wauiparkaiii	Iviauipakkaiii	Mauipakkaiii	Wauiparkaiii	iviauipakkaiii	Iviauipakkaiii				Food & Drink- ing water	ARO	9499937314
								Relief Materi- als	AE	9445190790												
								Sanitation, Medicine	SI	9445025991												
					Evacuation	AE	9445190789															
12	188	700	Mylai Balaji nagar Block II	Mylai Balaji nagar	yes	yes	No	Food & Drink- ing water	ARO	9499937314												
								Relief Materi- als	AE	9445190791												



S16

191 Nesavalar Nagar, Pallavan Nagar, Padmavathy Nagar

Subway

There is no subway as of now available in this zone.

Tree fall

During the last monsoon, in Perungudi zone totally 24 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.No.	Ward. No	Name of the Streets
1.	185	Vinayaga Nagar 3rd street
2.	186	Hindu Colony 2nd main road, Puzhithvakkam Bus stand
3.	181	New Colony, AGS Colony, Bay watch road, Kaveri Nagar, Kalyani Nagar (Nellai Nadar School), Journalist Colony
4.	182	Church road, Ramappa Nagar, CBI Colony,
5.	183	VGP Layout 1st main road, Palkalai nagar, Anna Salai (Sea Shell Avenue),
6.	184	Kurinji Nagar 8th cross street,
7.	188	Govindasamy Nagar 7th street, Sadasivam nagar 4th main road, Dr. Ramamoorthy Nagar Main road, Tendulkar street,
8.	189	VGP Shanthi nagar Lakshmi 1st street, Radial Road,
9.	190	Bharathidasan 1st cross street,
10.	191	Jayachandran nagar 1st main road, Jayachandran nagar 5th main road

Streets - where water entered houses - do not require evacuation

During the last monsson, 610 inundated spots where water entered houses but don't require evacuation were identified and actions were taken to bale out the rain water.

During NEM 2015 the under mentioned 10 locations were inundated for more than a day by which the normal day to day activity of 10533 people were stand-stilled. Flood water from these areas were cleared by using 64 pumps rangining from 5 HP to 100 HP capacity. The identified vulnerable spots is as below,

SI. No	Ward/ Name	Name of the area/ streets
1.	185 Ullaga- ram	Nanganallur 6th main road, Nanganallur 2nd main road, Mac Millan main road, Giri street NSC Bose road Mathiyazhagan street, Kamaraj Street
2.	186 Puzhuthivak- kam	Balaji Nagar 29-39 Streets, Balaji Nagar 40th Street Cross, Balaji Nagar 41st Street, Balaji Nagar Extn., 1st Street, Balaji Nagar Extn., 2nd Street, AG's Colony 1- 3 streets, AG's Colony 1st Cross Street, AG's Colony 2nd Cross Street Kaveri nagar, Bay blue watch Road, Jaganathan street, Kaveri nagar 5th street, kaveri nagar 2nd street, Lakshmana perumal nagar 4th street, Lakshmana perumal nagar 5th street, Thulukanathamman koil street, Kalathumedu 4th street, Selvaraj avenue
3.	181 Kottivakkam	Vengadesapuram main road, Elango nagar (South), Elango nagar (North), Puratchi Thalaivi main road, Puratchi Thalaivi 1st cross to 13 th cross, Anna nagar, Swaminathan nagar 5th street, Swaminathan nagar 6th street, MGR Salaiannai, sandhiya nagar, J.J.Nagar, Ambedkar puratchi nagar, kamaraj salai, sempon nagar, Thiruvallar nagar, Annai sandhiya nagar Extn, Mullai street, Kambar street, anjugam ammaiyar nagar, kodikatha kumaran street, karikalan street, va.voo.si nagar, kakkan street, anna street, nagamani adiglar street, annai abirami street, k.p.k nagar west, k.p.k nagar north, sai ayush pooja avenue, Thiruvallar salai
4.	182 Perungudi	MGR Salaiannai, sandhiya nagar, J.J.Nagar,Ambedkar puratchi nagar, Maniammai street, Kandasamy nagar 1st street, Kandasamy nagar 2nd street, Kandasamy nagar 3rd street, Kandasamy nagar 4th street,Gandhi nagar, Gandhi nagar 1- 3 streets, Kolavizhiamman nagar, Maniammai street, Kolavizhiamman nagar 1 -15 streets, Krishna nagar 1 - 8 cross street, M.G.R nagar 1- 4 cross streets, Ambedkar salai, Veeramani salai main road, Veeramani salai 1 - 4 cross street, Krishna Nagar Main Road.

SI. No	Ward/ Name	Name of the area/ streets
5.		Jeevanandham street, Jeevanandham 1st cross street, Thiru. vi.ka 1st cross street, Thiru.vi.ka 2nd cross street, Thiruvalluvar 1 - 3 main roads, Thiruvalluvar 1-10 cross street, Vembuli amman koil street, Vembuli amman 1 – 3 streets,
6.	184 Palavakkam	Maruthi nagar 1st main road, Maruthi nagar 1- 5 cross street, Senthil nagar main road 8th cross, Selvaganapthy avenue extn, Selvaganapthy avenue 3rd main road, Selvaganapthy avenue 2nd street, Selvaganapthy avenue 3rd street,
7.	187 Perungudi	New kubera nagar 5th streetNew kubera nagar 3rd street
8.	188 Madipakkam	Nagar amman Nagar, Arumugam Nagar 1st Street, Arumugam Nagar 2nd Street, Arumugam Nagar 3rd Street, Salban Kuttai Main Road, Rajesh Nagar 1st Main Road Cross Street, Rajesh Nagar 2nd Main Road Cross Street, Rajesh Nagar 3rd Main Road Cross Street, Rajesh Nagar 5th Main Road 2nd Cross Street, VGP Rajesh Nagar 1st Main Road, Myllai Balaji Nagar 1st block 1st Street, Myllai Balaji Nagar 3rd block 2nd Street, Myllai Balaji Nagar 2rd block 5th Street
9.	188 Madipakkam	Rajesh Nagar 4th Main Road Cross Street, West Anna Nagar 1-3 Street, West Anna Nagar 6th.Street, West Anna Nagar 7th Street, West Anna Nagar 9th Cross Street,
10.	188 Ma- dipakkam	Kamatchiyamman Nagar 1st street to 5th street, Quide –Millath Nagar 1st street to 5th street, Ma.Po.Si Nagar 1- 3 streets, Ma.Po. Si Nagar cross street, Anna MGR Nagar, Gandhi St, Anna M.G.R Nagar Indira Gandhi St, Anna MGR Nagar Pari St, Anna MGR Nagar Rajiv Gandhi St, Poongavanathamman koil street, Nehru street, N.S.K street, Moovender Street, Bharathidasan street, Bharathiyar street, Sathyamoorthy street, Thangam Nagar 1st Street, Thangam Nagar Main Road, Sai baba Nagar 1st Cross Street, Sai baba Nagar 1st Street, Sai baba Nagar 2nd Main Road, Sai baba Nagar 2nd Main Road, Sai baba Nagar 3rd Main Road, Sai baba Nagar 4th Main Road, Sai baba Nagar 5th Main Road,

SI. No	Ward/ Name	Name of the area/ streets
11.	190 Pallikaranai	Quide – Millath Nagar 1 st street to 5 th street, Ma.Po.Si Nagar cross street, Trobical Avenue 1st Main Road, Trobical Avenue 2nd Main Road Krishna Nagar Main Road, Krishna Nagar 1st Cross St,
		Krishna Nagar 2nd Cross St, Sai Balaji Nagar 1st Main Road, Sai Balaji Nagar 1st Street, Sai Balaji Nagar 2nd Main Road, Sai Balaji Nagar 2nd Street, Sai Balaji Nagar 3rd 1st Cross Street, Sai Balaji Nagar 3rd 2nd Cross Street, Sai Balaji Nagar 3rd Main Road, Sai Balaji Nagar 3rd Street, Sivas Avenue, Jayabal Nagar, Kamokotti Nagar 1st main road, 2nd main road, 3rd main road, Kamokotti Nagar 1st street to 10th street, Meru Nagar 1st street to 5th street, A.G.S Colony 1st street to 11th street, Sai Balaji Nagar Part-II 1st street to 6th street
11.		Bharathidasan street, Carmel street, Kamarajar street, Rajiv Gandhi street, Moovendar street,
12.	191 Jalladianpet- tai	Pallavan Nagar 1-6 streets, Nethaji Street, Nagathamman koil street, Padmavathy Nagar Main road, pagavath singh street, Rajeshwari street
13.	191 Jalladi- anpettai	Pallavan street, Rajiv Ganthi street, Indira Ganthi street, Vivekanandar street, kannaki street, kambar street, manimeglai street, kovalan street, Indira Ganthi street, Rajiv Ganthi street, vaidyalingam street, valmigi street, kumakurubarar street, pachayamman koil street, moopanar street, logammal street, Mahaveerar street, mahaveerar 1st cross street, Mahaveerar 2nd cross street, Mahaveerar 3rd cross street, subash Chandra bose street, vanchinathan street, parivallal street, cholan street, Sai ganesh Nagar 2nd main Road, Sai ganesh Nagar 20 – 28 cross street, Quiathey millath street, masuti street, Green court Main Road, Jayachandran Nagar 3rd main road,

Streets that require evacuation

During the heavy flood that occurred in 2015, in Perungudi zone, 19100 people were evacuated from Ram Nagar, AGS colony, Balaji Nagar, Elango Nagar, K.P.K. Nagar, Kozhavizhi amman Nagar, M.G.R. Nagar, Thiruvalluvar Nagar, Maruthi Nagar, West Anna Nagar, Rajesh nagar Extn, Sri Nagar, Sai Balaji Nagar, Pallavan nagar, Sai Ganesh nagar and they were accomodated in Govt School Buildings, Annai Adhi Parasakthi kalyana Mandabam, Indumathy Kalayana Mandapam. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details are given below

		No. of			
Ward	Streets	persons	Years	Relief centre	
185	M.G.R street, Erikkarai Salai, Kamarajar Street, Mathiazhagan	400	Dec-15	CPS School, Ul-	
	Street, Eswaran Koil street, Puzhuthivakkam bus stand, Maheswari Avenue, Ram nagar 1 to 5 streets, Kaveri street, Brindhavan street, Gangai street, Yamunai street, Sivaraman street, Sundarajan salai, Sadasiva nagar 1 & 2 streets, Sivaprakasam nagar 2nd street,	1370	Dec-15	St Thomas Primary School, Puzhuthivakkam,. Thanthai Periyar school, Puzhuthivakkam	
183	MGR Nagar, Anna nagar, Sathya nagar, Elango nagar, Vengadesapuram, New Colony, Kuppam	4000	Dec-15	Amma Unavagam (ECR), Division Office -183 (ECR), Amma Unavagam (Taramani)	
184	Santhiya nagar, J.J.Nagar, Annal Ambedkar nagar, K.P.K nagar West, Anjugam Ammaiyar nagar, Kallukuttai,	10000	Dec-15	Amma Unavagam (Anna nedunchalai), Amma Unavagam (MGR Salai),. Amma Unavagam (ECR)	
185	Maniyammai street, M.G.R nagar, Kolavziyamman street, Krishnan nagar, Ambedhakar street, Periyar street, Cholan nagar,	3200	Dec-15	Division Office -185 (ECR)	

Ward	Streets	No. of persons	Years	Relief centre
186	Maruthi nagar, Senthil nagar, Saravana nagar, Selvaganapathy Avenue,	1500	Dec-15	.Amma Unavagam (Corporation Road), Amma Unavagam (Division off Road)
187	Karthikeyapuram 12 th Street, 187 Madipakkam Main Road, New Kubera Nagar 5th Street,			Karthikeyapuram Building Coopera- tive Society - Ma- dipakkam
188	Thanthai Periyar Nagar, Nagesh- wariamman Nagar, Rajesh Nagar, Anna Nagar West, Sri Nagar, Ram Nagar South Extn, Kuberan Nagar Extn,	1200	Dec-15	CMS School (Block 2 Myllai balaji nagar), Indumathi Kalyana Manda- bam Rajesh Nagar, CMS School (Madipakkam Kulakarai Street), Jay Jay Sankara (Periyar Nagar 7th street)
189	Kamatchi Nagar, Quide Millth Nagar, Anna M.G.R Nagar, Sai Balaji Nagar, Thangam Nagar,	800	Dec-15	.Babpammal Kaly- ana Mandapam, Church Avenue, Mother School, Sembagathammal Mandapam
190	Sai balaji nagar, Pasumpon nagar, Vallal pari nagar, Immanu- vel street, Barathidasan street,	1000	Dec-15	Panchayat Union
191	Padmavathi Nagar, Pallavan Nagar, Neswallar Nagar, An- cheneyar Nagar, Sai Ganesh Nagar,	1250	Dec-15	Middle School, Jal- ladampet

Lighting Facilities

There is no battery powered light available in the zone.

National Disaster Response Force (NDRF)

In Perungudi zone, the NDRF to be stationed locations is given below,

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	189	IIT Colony Community Hall

NDRF

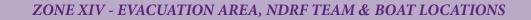
The Commandant
04, Battalion (NDRF)
Suraksha Campus
Takkolam, Arakkonam
Vellore District – 631 152
Phone No. 04177 – 246594/246269

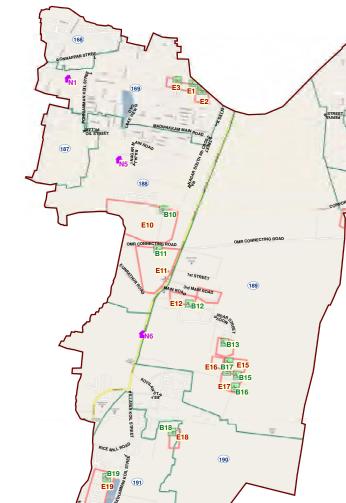


Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations are given below.

SI. No.	ward	Number of boats required with location / evacuation areas	Boats stationed Locations	Contact person & Number
1	186	Ram Nagar	Ram Nagar	AE- 9445190786
2	190	Sai Balaji Nagar	Sai Balaji Nagar	AE- 9445190790
3	181	Venkatesapuram	Venkatesapuram	JE-9445190781
4	181	Swaminathan Nagar	Swaminathan Nagar	JE-9445190781
5	181	Elango Nagar	Elango Nagar	JE-9445190781
6	188	Narayanapuram Lake	Narayanapuram Lake	AE-9445190788
7	189	Sai Baba Nagar	Sai Baaba Nagar	AE-9445190789





EVACUATION AREA

EVACUATION AREAS			
ID. No.	Ward	Number of boats required with	
ID. NO.	waiu	location /evacuation areas	
E1	169	Ram Nagar 11th street	
E2	169	Brindavan Nagar	
E3	169	Ramalingam Nagar	
E4	183	Venkatesapuram	
E5	183	Swaminathan Nagar	
E6	183	Elango Nagar	
E7	185	Periyar Salai	
E8	185	Veeramani Salai	
E9	186	Selvaganapathy Avenue	
E10	188	Madipakkam Division Office	
E11	188	Narayanapuram Lake	
E12	189	Kamakotti Nagar	
E13	189	Kamatchiamman Nagar	
E14	189	Sai Baba Nagar	
E15	189	Sai Balaji Nagar	
E16	190	Kamakotti Nagar	
E17	190	Kamatchiamman Nagar	
E18	191	Sai Ganesh Nagar	
E19	191	Nesavalar Nagar	

BOAT LOCATION

		Boats	
ID. No.	Ward	Boats stationed Locations	
B1	169	Ram Nagar 11th street	
B2	169	Brindavan Nagar	
B3	169	Ramalingam Nagar	
B4	183	Venkatesapuram	
B5	183	Swaminathan Nagar	
B6	183	Elango Nagar	
B7	185	Periyar Salai	
B8	185	Veeramani Salai	
В9	186	Selvaganapathy Avenue	
B10	188	Madipakkam Division Office	
B11	188	Narayanapuram Lake	
B12	189	Kamakotti Nagar	
B13	189	Kamatchiamman Nagar	
B14	189	Sai Baaba Nagar	
B15	189	Sai Balaji Nagar	
B16	190	Kamakotti Nagar	
B17	190	Kamatchiamman Nagar	
B18	191	Sai Ganesh Nagar	
B19	191	Nesavalar Nagar	

NDRF TEAM

	NDRF TEAM			
ID. No.	D. No. Ward Where NDRF to be stationed and deployed			
N1	169	Zonal Office -14 Puzhuthivakkam		
N2	183	AGS Colony Indoor Stadium		
N3	184	School Road Unit Office		
N4	185	Division Office ECR Main Road		
N5	188	Holy Prince Matri.Hr.Sec School		
N6	189	Sri Neelambal Mahal		

729 Zone - 14

SI. No.	ward	Number of boats required with location / evacuation areas	Boats stationed Locations	Contact person & Number
8	190	Sai Balaji Nagar	Sai Balaji Nagar	AE-9445190790
9	190	Kamatchiamman Nagar	Kamatchiamman Nagar	AE-9445190790
10	191	Sai Ganesh Nagar	Sai Ganesh Nagar	AE-9445190791
11	191	Nesavalar Nagar	Nesavalar Nagar	AE-9445190791

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 6 debris lorries, 3 skid steer loaders and 2 front end loaders are stationed for performing the job. The details of the lorries available in this zone are given below.

No. of lorries and type kept in re	eadiness
Debris lorry	- 3
Skid steer loaders (Bob cat)	- 3
(Front end loader) JCB	- 3

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445026115	3	3	3	1

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

S.No	Ward no/ Area	Name of the street	
1.	186 Puzhuthi vakkam	Ram Nagar 1 to 12 Streets,bagirathi nagar vallal athiyaman street, bagirathi nagar vallal kumanan street, bagirathi nagar vallal kari street, bagirathi nagar padmavathi street, bagirathi nagar padmavathi nagar padmavathi nagar padmavathi nagar padmavathi nagar thirumoolar street, srinivasa nagar thirugnanasambandar st, srinivasa nagar kavimani street, Gangai Street, Yamunai Street, Vaiga Street,Kaveri Street, Sri Ramar Koil Street, Chookkanathan Street, Sivasubramaniam Street (Pillayar kovil street), Siva Raman Street, Vidya Surabi School Street, Ramkumar Street, James Street, James Cross Street, Vasukiyar Street, Ram Nagar Srinivasan Salai,Ramalingam 1st Street, Kalaivanar Street, Bageerathi Nagar Sundar Rajan Salai, Bageerathi Nagar Sundar Rajan Salai Cross, Srinivasa Nagar Vivegananthar Street,Brindavan Street 1 to 6 cross streets, Mullai Street, Ramalingam Nagar Main Road Lane, Srinivasa Nagar 1st Cross St,Srinivasa Nagar 2nd Cross St Elango Ntagar, Venkatesapuram, Venkatesapuram, Swaminathan Nagar, Kuppam, MGR Salai, Annai sandhiya nagar, J.J.Nagar, Ambedkar puratchi nagar, kamaraj salai, sempon nagar, Thiruvallar nagar, Annai sandhiya nagar Extn, Mullai street, Kambar street, anjugam ammaiyar nagar, kodikatha kumaran street, karikalan street,va.voo.si nagar, kakkan street, anna street, nagamani adiglar street,annai abirami street, k.p.k nagar west, k.p.k nagar north, sai ayush pooja avenue, Thiruvallar salai,	
2.	181 Kotti vakkam	Venkatesapuram, Swaminathan Nagar, Kuppam, MGR Salai, annai sandhiya nagar, J.J.Nagar,	

Ward no/		
S.No		Name of the street
3.	183 Pala vakkam	Maniammai street, Kandasamy nagar 1st street, Kandasamy nagar 2nd street, Kandasamy nagar 3rd street, Kandasamy nagar 4th street, Gandhi nagar, Gandhi nagar 1st street, Gandhi nagar 2nd street, Maniammai street, Kolavizhiamman nagar, Kolavizhiamman nagar 1 to 15 streets, Krishna nagar main road, Krishna nagar 1 to 8 cross street, Krishna nagar 2nd cross street, Krishna nagar 3rd cross street, Krishna nagar 4th cross street, Krishna nagar 5th cross street, Krishna nagar 6th cross street, Krishna nagar 7th cross street, Krishna nagar 8th cross street, M.G.R nagar 1st cross street, M.G.R nagar 2nd cross street, M.G.R nagar 3rd cross street, Gandhi nagar 4th cross street, Ambedkar salai Veeramani salai main road, Veeramani salai 1 to 4 cross streets, Jeevanandham street, Jeevanandham 1st cross street, Thiru.vi.ka 1st cross street, Thiru.vi.ka 2nd cross street, Thiruvalluvar 1 to 3 main roads, Thiruvalluvar 1 to 10 cross streets, Govindan nagar main road, Govindan nagar 1 to 7 cross streets, Maruthi nagar 1st main road, Maruthi nagar 1st cross street, Maruthi nagar 2nd cross street, Maruthi nagar 3rd cross street, Maruthi nagar 4th cross street, Maruthi nagar 5th cross street, Senthil nagar main road, Senthil nagar main road 1 to 8 cross streets, Manikodi srinivasan nagar 3rrd cross, Srinath nagar, Perungudi industrial Estate, Perungudi industrial Estate 2nd street, Perungudi industrial Estate 3rd street, Perungudi industrial Estate 2nd street, Perungudi industrial Estate 3rd street, Perungudi industrial Estate 4th street, Selvaganapthy avenue 2nd street, Selvaganapthy avenue 2nd street, Selvaganapthy avenue 2nd street, Rajiv nagar 4th cross

S.No	Ward no/ Area	Name of the street		
4.	188 Palli karanai	West Anna Nagar 1 to 5 Streets, West Anna Nagar 6th Cross Street, West Anna Nagar 6 to 9 Streets, West Anna Nagar 9th Cross Street, West Anna Nagar 10th Street, West Anna Nagar 12th Steet, Rajesh Nagar Park Road, Rajesh Nagar Extn. 2nd Main Road, Rajesh Nagar Extn. 4th Main RoadRajesh Nagar Extn. 5th Main Road, Rajesh Nagar 1 to 4 Main Road Cross Street, Rajesh Nagar 5th Main Road 2nd Cross Street, Rajesh Nagar 4th Cross street, Rajesh Nagar 6th Cross street/GP Rajesh Nagar 1st Main Road, Narayanapuram Erikarai Salai, Nageswariamman Nagar, Sri Nagar 1 to 6 Streets, LIC Nagar 5th Street, LIC Nagar 6th Street		
		Pallavan Nagar 1 to 6 streets, Nethaji Street, Nagathamman koil street, Padmavathy Nagar Main road, pagavath singh street, Rajeshwari street, Pallavan street, Rajiv Ganthi street, Indira Ganthi street, Vivekanandar street		
191 5. Jalladian pettai		kannaki street, kambar street, manimeglai street, kovalan street, Indira Ganthi street, Rajiv Ganthi street, vaidyalingam street, valmigi street, kumakurubarar street, pachayamman koil street, moopanar street, logammal street, Mahaveerar street, mahaveerar 1st cross street, Mahaveerar 2nd cross street, Mahaveerar 3rd cross street, subash Chandra bose street, vanchinathan street, parivallal street, cholan street, Sai ganesh Nagar 2nd main Road, Sai ganesh Nagar 20 to28 cross street, Quiathey millath street, masuti street, Green court Main Road, Jayachandran Nagar 3rd main road.		

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows.

Ward committee - 181 Ward Councillor - 9445467181

Name of the department	Designation	Contact Number
Thiru.T.Viswanathan	Ward Councillor	9381006322
GCC - Engineering	Assistant Engineer	9445190781
GCC - Electrical	Assistant Engineer	9445477691
GCC- Health	Sanitary Inspector	9445025983
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190831
GCC - Revenue	Tax Collector	9710602288
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930181
TANGEDCO	Junior Engineer	9445850149
BSNL	Assistant Engineer	9445086052
Fire service	Inspector	9498130455
Police station	Inspector	9003430542
PWD	Assistant Engineer	9443335945

Ward committee – 182 Ward Councillor -9445467182

Name of the department	Designation	Contact Number
Thiru.K.P.K Sathish Kumar	Ward Councillor	9884860203
GCC - Engineering	Assistant Engineer	9445190782
GCC - Electrical	Assistant Engineer	9445191474
GCC- Health	Sanitary Inspector	9445025986
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190832
GCC - Revenue	Tax Collector	9842396665
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930182
TANGEDCO	Junior Engineer	9445850169
BSNL	Assistant Engineer	044 22435043
Fire service	Inspector	9498129864
Police station	Inspector	9003430542
PWD	Assistant Engineer	9445171686
TNSCB	Assistant Engineer	9940012048
Highways	Divisional Engineer	9841702398

Ward committee - 183

Ward Councillor -9445467183

Name of the department	Designation	Contact Number
Tmt.Dr.Tamilarasi somu	Ward Councillor	9176011620
GCC - Engineering	Junior Engineer	9445190783
GCC - Electrical	Assistant Engineer	9445477691
GCC- Health	Sanitary Inspector	9445025983
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190833
GCC - Revenue	Tax Collector	9080633821
Revenue	Revenue Inspector	-9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930183
TANGEDCO	Junior Engineer	8144930183
BSNL	Assistant Engineer	9445850149
Fire service	Inspector	9445086052
Police station	Inspector	9940542976
PWD	Assistant Engineer	9003430542
Highways	Divisional Engineer	9445171686

Ward committee – 184 Ward Councillor -9445467184

Name of the department	Designation	Contact Number
Thiru.Ravichandran S.V	Ward Councillor	9444061590
GCC - Engineering	Assistant Engineer	9445190784
GCC - Electrical	Assistant Engineer	9445191474
GCC- Health	Sanitary Inspector	9445025986
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190834
GCC - Revenue	Tax Collector	9444574063
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930184
TANGEDCO	Junior Engineer	9445850167
BSNL	Assistant Engineer	9445086526
Fire service	Inspector	9498129864
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050

Ward committee – 185

Ward Councillor -9445467185

Name of the department	Designation	Contact Number
Tmt.Sharmila Devi .D	Ward Councillor	9841094666
GCC - Engineering	Junior Engineer	9445190785
GCC - Electrical	Assistant Engineer	9445477692
GCC- Health	Sanitary Inspector	9445025990
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190835
GCC - Revenue	Tax Collector	9962329080
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930185
TANGEDCO	Junior Engineer	9445850188
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9080166165
Police station	Inspector	9443227382
PWD	Assistant Engineer	9445171686

Ward committee - 186

Ward Councillor -9445467186

Name of the department	Designation	Contact Number
Thiru.Manikandan J.K	Ward Councillor	9841066761
GCC - Engineering	Assistant Exe Engineer (i/c)	9445190786
GCC - Electrical	Assistant Engineer	9445477692
GCC- Health	Sanitary Inspector	9445025990
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190836
GCC - Revenue	Tax Collector	9962329080
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930186
TANGEDCO	Junior Engineer	9445850188
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9080166165
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050

Ward committee – 187

Ward Councillor -9445467187

Name of the department	Designation	Contact Number
Tmt.Sherly Thomas	Ward Councillor	9841505005
GCC - Engineering	Assistant Engineer	9445190787
GCC - Electrical	Assistant Engineer	9445477692
GCC- Health	Sanitary Inspector	9445025987
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190838
GCC - Revenue	Tax Collector	9080633821
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930187
TANGEDCO	Junior Engineer	9445850199
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9003256256
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050
TNSCB	Assistant Engineer	9940012048

Ward committee – 188

Ward Councillor -9445467188

Name of the department	Designation	Contact Number
Tmt.Sameena Selvam	Ward Councillor	9884834463
GCC - Engineering	Assistant Engineer	9445190788
GCC - Electrical	Assistant Engineer	9445190152
GCC- Health	Sanitary Inspector	9445025987
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190838
GCC - Revenue	Tax Collector	9445286577
Revenue	Revenue Inspector	9940250417
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930188
TANGEDCO	Junior Engineer	9445850199
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9003256256
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050

Ward committee – 189 Ward Councillor -9445467189

Name of the department	Designation	Contact Number
Thiru.Babu	Ward Councillor	9381062528
GCC - Engineering	Assistant Engineer	9445190789
GCC - Electrical	Assistant Engineer	9445036572
GCC- Health	Sanitary Inspector	9445025989
GCC - Veterinary	VAS	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190839
GCC - Revenue	Tax Collector	9940160944
Revenue	Revenue Inspector	9841095593
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8144930189
TANGEDCO	Junior Engineer	9445850241
BSNL	Assistant Engineer	9500270949
Fire service	Inspector	9943546548
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050

Ward committee - 190

Ward Councillor -9445467190

Name of the department	Designation	Contact Number
Tmt.Lakshmi.J.L	Ward Councillor	8838068007
GCC - Engineering	Assistant Exe.Engineer (i/c)	9445190791
GCC - Electrical	Assistant Engineer	9445190152
GCC- Health	Sanitary Inspector	9445025991
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046/6043
GCC - Solid waste management	Conservancy Inspector	9445190694
GCC - Revenue	Tax Collector	9940375445
Revenue	Revenue Inspector	9787180882
GCC - Park overseer	Park Supervisor	9445194754
CMWSSB	Assistant Engineer	8939855191
TANGEDCO	Junior Engineer	9445850241
BSNL	Assistant Engineer	9500270949
Fire service	Inspector	9943546548
Police station	Inspector	9443227382
PWD	Assistant Engineer	7200027050

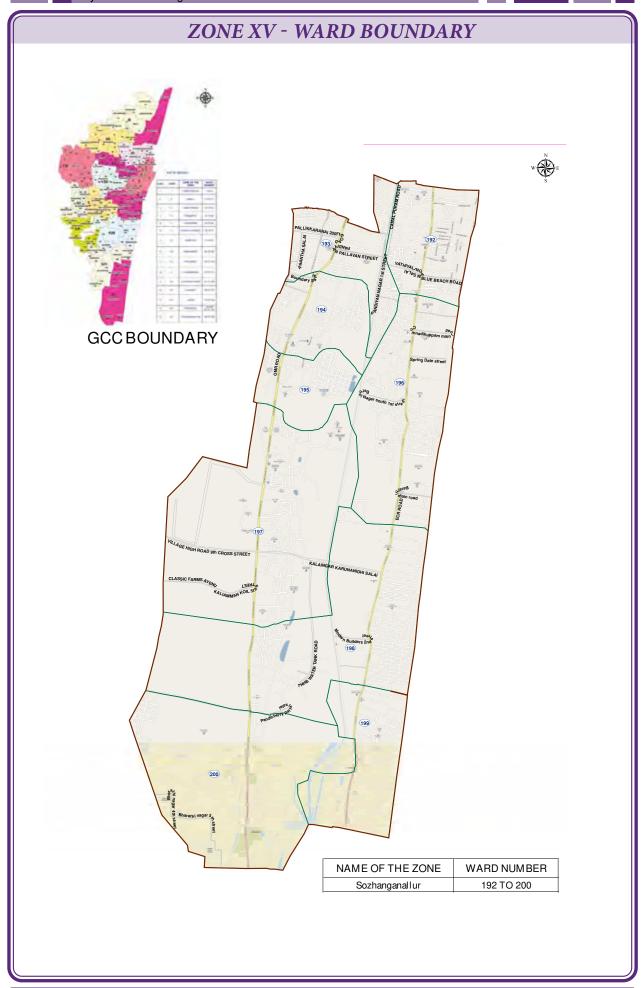
Zone - 14 738

ZONE - XV

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SHOLINGANALLUR



Profile

The Sozhanganallur zone lies in Latitude 12.89612°, Longitude 80.22723° covering an area of 42.23 Sq.km.

There are 2075 roads, out of which 2058 roads to a length of 376.82 Km are Interior Roads, 12 Roads to a length of 3.93 Km are Bus Route Roads which are maintained by GCC and the 2 roads are under the maintenance of Highways department and 3 roads are under the maintenance of TNRDC.

The total population is about 1.72 lakhs that has Male population of 50.82% and Female population of 49.18 % In this zone, the most densed area in the zone is Okkiyam Thoraipakkam with a population of 40.40 and the least is Uthandi with a population of 5,037. The Ward wise population is given below,

SI.No.	Ward No.	Total House Holds	Total Population
1	192	8862	35448
2	193	8255	33020
3	194	6422	25688
4	195	28982	115928
5	196	8650	34600
6	197	11554	46216
7	198	6403	25612
8	199	1458	5832
9	200	8724	34896
	Total	89310	357240

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting sub-ordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	192 to 200	9445467192
2.	Zonal Officer	192 to 200	9445190015

Engineering Wing

The Engineering Wing handles subjects like maintenance of roads, SWD, street lights, bridges, subways, flyovers, water bodies etc. The designation and jurisdiction with contact details are given below.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	Zone 15-U 44	9445190035
	Executive Engineer-2	U-45	9445191480
2	Assistant Executive Engineer	Unit 44	9445190144
3	Assistant Executive Engineer	Unit 45	9445190145
4	Assistant Divisional Engineer, Electrical	Zone 15	9445190055
5	Assistant Executive Engineer, Mechanical	Zone 15	9445190484/ 9445190490

Solid Waste Management

There is a dedicated team in each zone that looks after the clearing garbage, maintenance of conservancy vehicles, dump yard and garbage transit stations.

SI. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Conservany supervisor	Zone 15	9445191444

Public Health & Disease Control

The Public Health department is headed by Zonal Health Officer at zonal level who handles running of UPHC, spraying for vector control and dog menace reporting to Deputy Commissioner (Health) through respective Regional Deputy Commissioners.

The Zonal Health Officer is to supervise the Medical officers, Entomologist, Sanitary officers, Veterinary officers and co-ordinate with them for general maintenance of health in the zone.

The contact details of the officials/staff to report on complaints on any such issues are given below.

SI. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone XV	9445190035
2	Veterinary Surgeon	Zone XV	9445190144
3	Junior Entomologist	Zone XV	9445190145
4	Sanitary Officer	Unit 44	9445190055
5	Sanitary Officer	Unit 45	9445190484/ 9445190490
7 45			

Parks

There are 34 Parks available in Neelangarai, Okkiyam Thoraipakkam, Injambakkam, Sozhanganallur & Chemmenchery. These parks may serve as buffer zone to assemble and to alight the victims to the relief centers during disaster. Park Overseer is equipped with power saws and will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Park overseer and the location of parks available in the zone is given below,

SI. No.	Team member contact No	Equipment available	Area of operation
1	9445194730	Power saw – 10	Sozhanganallur
	Park Overseer	Manual saw - 6	Ü

S.No	Ward	Name / Location of the Park
1	192	Workers Estate
2	193	Customs Colony Park,Sakthi Nagar main road park,Sai Nagar,RE Nagar Park,Ananth Nagar,Vinayaga Nagar Park
3	195	Secretariat colony 1st main road,Chandrasekar Avenue,Sakthi Srinivasan Road,PTC Quarters park
4	196	Annai Indira Gandhi road park,Kannagi Nagar 10th Cross Road (3 Aduku),Kannagi Nagar 7th Cross Street (2 Aduku),Kannagi Nagar 2nd Cross Street (3 Aduku),Kannagi Nagar 9th Main Road
5	194	VGP layout 2nd street,ECR park in Survey No.146
6	198	Kumarasamy Nagar main road west park, Rajiv Gandhi Salai park (Tecchi Park), Rajiv Gandhi Salai Park (Dollar Building), New Kumaran Nagar 2nd main road, Elcot Avenue 1st street, Neduncheyan Street Park, Devaraj Nagar 2nd main road Park, Kumarasamy Nagar 6th Street park, Model School road,
7	197	VGP South Zone Part IV ,Tamil Nadu Housing Board E12 BlockTamil Nadu Housing Board E12 Block
8	197	VGP 2nd main road park
9	200	TNSCB Chemmenchery 2nd main road, TNSCB Chemmenchery 33rd Cross Street TNSCB Chemmenchery 1st Main Road

Sewage Pumping Stations

There are no pumping stations available in Sozhanganallur Zone

Tamil Nadu Slum Clearance Board tenements

There are 3 TNSCB tenements in Kannagi Nagar, Ezhil nagar & Tsunami nagar with a population of 1,24,000. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and address sewage issues inside these tenements. The respective officers as given below may be contacted to avail or to address the issues if so. The details of tenements and the contact details of the officials are given below,

SI.No.	Tenement location	No. of tenement	Population
1	Kannagi Nagar	15656	80000
2	Ezhil Nagar	6700	30000
3	Tsunami Nagar	6764	14000

Contact details

Department	Designation	Area	Contact No.
TNSCB	Executive Engineer	Zone 15	9444167521
Conservancy/GCC	Conservancy Supervisor	Zone 15	9445191444
Water Supply& Sewage / CMWSSB	Area Engineer	Area 15	8144930915

Water Bodies and Waterways

There are 2 Canals passing in this zone (1) South Buckingham canal, maintained by PWD which originates from Neelangarai travel about 12 Km within the zone and disposes via Uthandi and then melds at Muttukadu lake, (2) Okkiyam Maduvu canal, maintained by PWD which originates from Thoraipakkam travel about 1.2 Km in the zone and disposes through the rear side of kannagi joins Buckingham canal.

Greater Chennai Corporation is doing a massive work to remove hyacinth and desilting work is done by PWD in the canal maintained by them. Cleaning and desilting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 36.23 km to ease the flow of rain water.

The details of various water bodies in this zone are listed below,

Canals

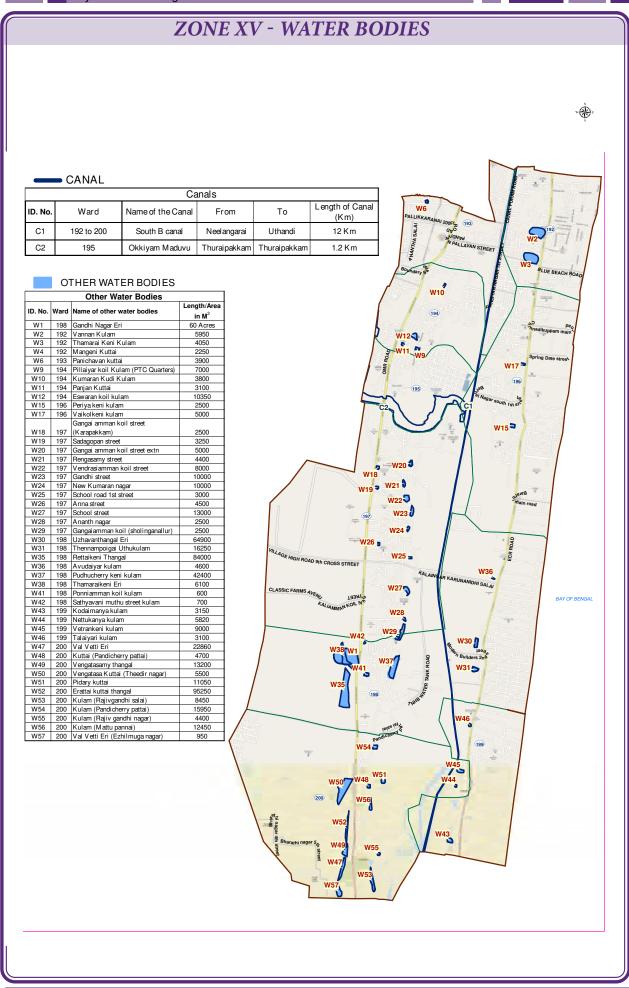
SI. No.	Name of the Canal	Divisions Covered	From	То	Length of Ca- nal (Km)
1	South B canal	192 to 200	Neelangarai	Uthandi	11 Km
2	Okkiyam Maduvu	195	Thuraipak- kam	Thuraipak- kam	2 Km

Other water bodies

S. No	Ward	Ward name	Location	Length/Area in M ²
1	198	Sozhanganallur	Gandhi Nagar Eri	1.47
2	192	Neelangarai	Vannan Kulam	0.46
3	192	Neelangarai	Thamarai Keni Kulam	2250.00
4	192	Neelangarai	Mangeni Kuttai	4050.00
5	193	Okkiyam Thuraipakkam	Ayakeni Kuttai	2720.00
6	193	Okkiyam Thuraipakkam	Panichavan kuttai	3900.00
7	193	Okkiyam Thuraipakkam	Puthu kulam	
8	193	Okkiyam Thuraipakkam	Periya Chathira Kulam	2689.42
9	195	Okkiyam Thuraipakkam	Pillaiyar koil Kulam (PTC Quarters)	3100.00
10	195	Okkiyam Thuraipakkam	Kumaran Kudi Kulam	7800.00
11	195	Okkiyam Thuraipakkam	Panjan Kuttai	4000.00
12	195	Okkiyam Thuraipakkam	Eswaran koil kulam	4000.00
13	195	Okkiyam Thuraipakkam	Nehru Nagar Vinayagar Kulam	4050.00
14	194	Injampakkam	Pullakeni kuttai,	3750.00
15	194	Injampakkam	Periya keni kulam	5618.00
16	194	Injampakkam	Pothikulam,	2800.00
17	194	Injampakkam	Vaikolkeni kulam	6212.67

S. No	Ward	Ward name	Location	Length/Area in M ²
18	198	Karapakkam	Gangai amman koil street (Karapakkam)	2972.84
19	198	Karapakkam	Sadagopan street	8651.20
20	198	Karapakkam	Gangai amman koil street extn	5665.67
21	198	Karapakkam	Rengasamy street	60095.82
22	198	Karapakkam	Vendrasiamman koil street	2115.00
23	198	Karapakkam	Gandhi street	10700.00
24	198	Sozhanganallur	New Kumaran nagar	1275.00
25	199	Sozhanganallur	School road 1st street	13000.00
26	198	Sozhanganallur	Anna street	12654.00
27	199	Sozhanganallur	School street	2500.00
28	198	Sozhanganallur	Ananth nagar	4500.00
29	199	Sozhanganallur	Gangaiamman koil (Sozhanganallur)	5000.00
30	197	Sozhanganallur	Uzhavanthangal Eri	2000.00
31	197	Sozhanganallur	Thennampoigai Uthukulam	4675.00
32	197	Sozhanganallur	Uthukulam	990.00
33	197	Sozhanganallur	Andaikeni Uthu Kulam	600.00
34	197	Sozhanganallur	Chittankeni kulam	4.03
35	198	Sozhanganallur	Rettaikeni Thangal	38.80
36	198	Sozhanganallur	Avudaiyar kulam	1265.00
37	198	Sozhanganallur	Pudhucherry keni kulam	3050.00
38	198	Sozhanganallur	Thamaraikeni Eri	64900.00
39	198	Sozhanganallur	Vellaikeni Eri	595.00

S. No	Ward	Ward name	Location	Length/Area in M ²
40	198	Sozhanganallur	Vellaleri Eri	700.00
41	199	Sozhanganallur	Ponniamman koil kulam	12140.60
42	199	Sozhanganallur	Sathyavani muthu street kulam	1.44
43	197	Uthandi	Kodaimanya kulam	2.73
44	197	Uthandi	Nettukanya kulam	3150.00
45	197	Uthandi	Vetrankeni kulam	3100.00
46	197	Uthandi	Talaiyari kulam	3173.76
47	200	Chemmencherry	Val Vetti Eri	5500.00
48	200	Chemmencherry	Kuttai (Pandicherry pattai)	8069.78
49	200	Chemmencherry	Vengatasamy than- gal	3.95
50	200	Chemmencherry	Vengatasa Kuttai (Theedir nagar)	8450.00
51	200	Chemmencherry	Pidary kuttai	13200.00
52	200	Chemmencherry	Erattai kuttai than- gal	95250
53	200	Chemmencherry	Kulam (Rajivgandhi salai)	8450
54	200	Chemmencherry	Kulam (Pandicherry pattai)	15950
55	200	Chemmencherry	Kulam (Rajiv gan- dhi nagar)	4400
56	200	Chemmencherry	Kulam (Mattu pan- nai)	12450
57	200	Chemmencherry	ValVetti Eri (Ezhil- muga nagar)	950



Storm water drain

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating draining of run off rain water from roads etc. The speed at which the rain water is drained obviating inundation depends on the extent of the network as well as in its merit.

This is one of the newly added zones, there is no integrated storm water drain network available in this zone.

35 storm water drains to a length of 36.23 Km were constructed to ease the flow of rain water in Sozhanganallur zone. The details of SWD are given below.

SI. No.	Ward	Total No. of SWDs	Length of SWDs KM
1	192	43	8.561
2	193	4	4.624
3	194	42	6.934
4	195	45	10.107
5	196	18	4.010
6	197	5	0.820
7	198	26	5.322
8	199	3	0.664
9	200	52	7.180
		248	48.222

Streets - water stagnated in the previous monsoon - heavy rain

During the last monsoon, 12 inundated spots in this zone were identified and actions were taken to bale out the rain water. Most of the locations were flooded during the North-East Monsoon 2015 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone.

The identifies water stagnations and the actions taken to dispose the rain water in each location are as below,

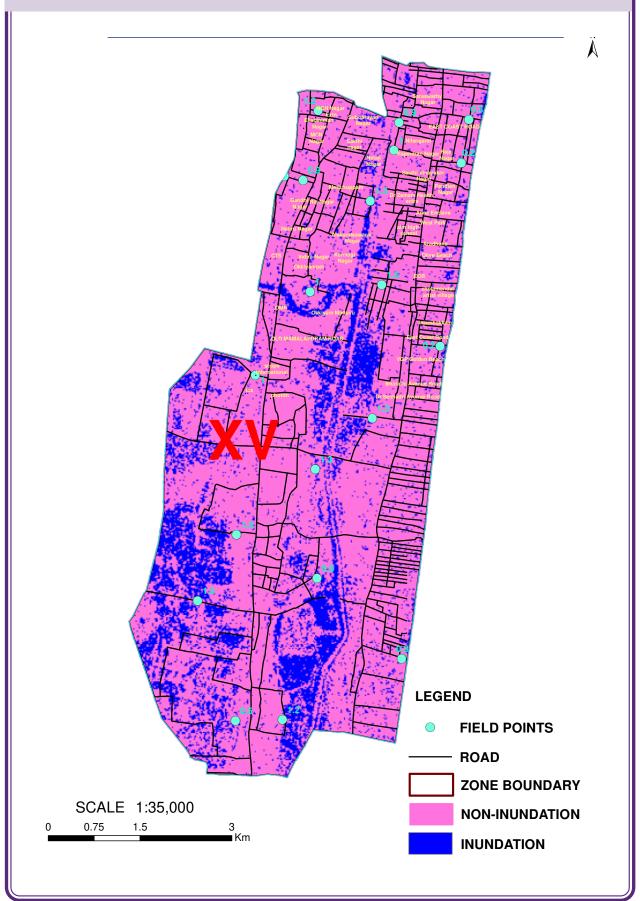
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	192	ECR Near Bhukari	5 HP	Near Bhukari	open land
2	192	Ellaiamman koil street	5 HP	Jn. of Rubi complex	Near SWD
3	192	Rubi complex	-	-	Ellaiamman koil
4	193	Pandian Nagar	5 HP	1st street	Canal
5	195	OMR Near VPG Avenue	5 HP (2 No)	OMR	Near SWD
6	194	Kudupi complex	5 HP	Kudupi complex	Side drain
7	194	S.N.Gopinath nagar	-	Kutcha drain	Katcha drain to be formed
8	198	Lalbhagadur Sasthiri Street	5 HP	Jn. of OMR	OMR SWD
9	198	Wipro Salai	40HP (2 No)	Inside Wipro	Canal
10	199	OMR Near Gangaiamman koil	5 HP (2 No)	Gangaiamman koil	OMR drain
11	198	Devaraji Avenue	5 HP	MTL company	nearby drain
12	197	ECR Near Panaiyur	5 HP	ECR	Canal

Anna university has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation locations identified by GCC. The flood water due to increased water level in canal was receded with in 4 days and the other stagnated locations were cleared immediately by GCC using pumpsets. The RISAT satellite maps and GCC map are given below for clarity and understanding.

INUNDATION EXTENT ON 3RD **DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE**



INUNDATION EXTENT ON 7TH **DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE**



ZONE XV ROADS/STREETS PRONE TO INUNDATION & LOCATION OF PUMP 199 Streets where water stagnated in the previous monsoon - Heavy _____ Streets where water stagnated in the previous monsoon - Light Location of Diesel Pump Location Streets where water stagnated in the previous monsoon - Moderate

Streets - water stagnated in the previous monsoon - mild rain

S.No.	ward	Name of the Street
1	192	ECR Near Bhukari
2	198	Lalbhagadur Sasthiri Street
3	198	Wipro Salai
4	197	ECR Near Panaiyur

Streets - water stagnated in the previous monsoon - Moderate rain

S.No.	ward	Name of the Street
1	192	ECR Near Bhukari
2	192	Ellaiamman koil street
3	192	Rubi complex
4	195	OMR Near VPG Avenue
5	194	Kudupi complex
6	194	S.N.Gopinath nagar
7	198	Lalbhagadur Sasthiri Street
8	198	Wipro Salai
9	197	ECR Near Panaiyur

Stagnation of water in streets due to sewer blocks

There is no sewer Blocks in Sozhanganallur Zone.

Relief Centres

There are 10 relief centres to a total capacity of 8850 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

SI. No.	Div.No.	Capacity	Name of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No																																	
			PDN					Sanitation, Medicine	SI	9445025992																																	
	400	050	Kalyana	Aringar	.,			Evacuation	AE	9445190792																																	
1	192	250	mandapam, Neelankarai	Anna street	Yes	Yes	Yes	Food & Drinking water	ARO	9445190095																																	
								Relief Materials	AE	9445190792																																	
			Panchayat					Sanitation, Medicine	SI	9445025992																																	
2	102	050	middle	Chinna Neelangarai,	Yes	Voc	Voc	Evacuation	AE	9445190792																																	
2	192	250	school, Neelangarai	Periya Neelangarai	res	Yes	Yes Yes	Food & Drinking water	ARO	9445190095																																	
								Relief Materials	AE	9445190792																																	
				Pandian		Yes Yes		Sanitation, Medicine	SI	9445025993																																	
			Govt. Hr School,	nagar, Aringar Anna nagar, VPG				Evacuation	AE	9445190793																																	
3	193	300	Thoraipakkam		Yes Yes		Yes	Food & Drinking water	ARO	9445190095																																	
				Avenue			Relief Materials	AE	9445190793																																		
								Sanitation, Medicine	SI	9445025994																																	
			St.Joseph	Karpagavinayagar																Karpagavinayagar nagar, Mahathma																					Evacuation	AE	9445190794
4	194	300	School - Vettuvankeni	Gandhi nagar, Ganesh nagar	Yes	es Yes	Yes Yes	Food & Drinking water	ARO	9445190095																																	
								Relief Materials	AE	9445190794																																	
				China a!				Sanitation, Medicine	SI	9445025994																																	
_	404	100	Tsunami Centre,	Chinnandi Kuppam,				Evacuation	AE	9445190794																																	
5	194	100	Injampakkam	Bethel Nagar	Yes	Yes	Yes	Food & Drinking water	ARO	9445190095																																	
								Relief Materials	AE	9445190794																																	
								Sanitation, Medicine	SI	9445025994																																	
	404	100	Amaithi Koil Injamabakkam	Bethel Nagar	Yes	V	V	Evacuation	AE	9445190794																																	
6	194	94 100	100 Injamabakkam (VGP)			Yes	s Yes	Food & Drinking water	ARO	9445190095																																	
								Relief Materials	AE	9445190794																																	

										dec								
SI. No.	Div.No.	Capacity	Name of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No								
			GPJ					Sanitation, Medicine Evacuation	SI AE	9445025997 9445190797								
7	197	250	Mandapam, Akkarai, Sozhanganallur	MGR Nagar	Yes	Yes	Yes	Food & Drinking water Relief	ARO	9445190095 9445190797								
								Materials Sanitation, Medicine	AE SI	9445025997								
								Evacuation	AE	9445190797								
8	197	250	Tsunami Centre, Kudumiyan dithoppu	Kudumiyan dithoppu									Yes	Yes	Yes	Food & Drinking water	ARO	9445190095
								Relief Materials	AE	9445190797								
			Tavaami					Sanitation, Medicine	SI	9445025997								
			Tsunami Centre,			,,	.,	Evacuation	AE	9445190797								
9	197	100	Kudumiyan dithoppu	Uthandi	Uthandi	Uthandi	Utnandi	Utnandi	Uthandi	Utnandi	Yes	Yes	Yes	Food & Drinking water	ARO	9445190095		
								Relief Materials	AE	9445190797								
								Sanitation, Medicine	SI	9445025999								
								Evacuation	AE	9445190799								
10	199	300	Govt. Hr School, Sozhanganallur	Gandhi	Yes	Yes	Yes	Food & Drinking water	ARO	9445190095								
				Hayal	nagar			Relief Materials	AE	9445190799								
			Panchayat	Jawahar				Sanitation, Medicine	SI	7871399131								
			Union Primary	nagar, Ezhilmuga				Evacuation	AE	9445190800								
11	School - nagar,	_	Yes	Yes	s Yes	Food & Drinking water	ARO	9445190095										
			chery	nagar				Relief Materials	AE	9445190800								



Subway

There is no subway as of now available in this zone. In future if subways are constructed the precautionary measures should be taken before rain and during the rain *Tree fall*

During the last monsoon, in Sozhanganallur zone totally 3 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

SI.No.	Ward/Name	Name of the Streets
1	196 Okkiyam Thuraipakkam	Kannagi Nagar 9th main road
2	196 Okkiyam Thuraipakkam	Kannagi Nagar 10th cross street
3	194 Injampakkam	ECR

Streets - where water entered houses - do not require evacuation

During the last monsoon, 3 inundated spots where water entered houses but doesn't require evacuation were identified and actions were taken to bale out the rain water. During NEM 2015 the under mentioned 3 locations were inundated for more than a day by which the normal day to day activity of 310 people were stand-stilled. Flood water from these areas were cleared by using 2 number of 5 HP pumps. The identified vulnerable spots are as below,

SI.No.	Ward/Name	Streets where water enters house - not require evacuation
1	192, Neelangarai	Sivan koil street
2	196, Injampakkam	Bethel nagar
3	199, Sozhanganallur	Ghandi Nagar

Streets that require evacuation

During the heavy flood that occurred in 2015, in Sozhanganallur zone there were 8850 people were evacuated from Neelangarai, Okkiyam Thoraipakkam, Injambakkam, Sozhanganallur & Chemmenchery and they were accommodated in below mentioned relief centres. They were provided with basic amenities like accommodation, food and relief materials for 25 days. The details and locations evacuation are given below.

SI. No.	Ward/Name	Streets	No. of ersons	Years	Relief centre
1	192 Neelangarai	Aringar Anna street	250	2015	PDN Kalyana mandapam, Neelankarai
2	192 Neelangarai	Chinna Neelangarai, Periya Neelangarai	1000	2015	Panchayat middle school, Neelangarai
3	192 Neelangarai	Pandian nagar, Aringar Anna nagar, VPG Avenue	2000	2015	Govt. Hr School, Thoraipakkam
4	193 Okkiyam Thuraipakkam	Karpagavinayagar nagar, Mahathma Gandhi nagar, Ganesh nagar	2000	2015	St.Joseph School - Vettuvankeni
5	194, Injampakkam	Chinnandi Kuppam, Bethel Nagar	500	2015	Tsunami Centre, Injampakkam
6	194, Injampakkam	Bethel Nagar	1000	2015	Church Kalyanamandapam, Injampakkam
7	197 Sozhanganallur	MGR Nagar	250	2015	GPJ Mandapam, Akkarai, Sozhanganallur
8	199 Sozhanganallur	Gandhi nagar	1150	2015	Govt. Hr School, Sozhanganallur
9	197 Sozhanganallur	Kudumiyandithoppu	250	2015	Tsunami Centre, Kudumiyandithoppu
10	200 Chemmenchery	Jawahar nagar, Ezhilmuga nagar, Rajiv Gandi nagar	450	2015	Panchayat Union Primary School - Chemmenchery

Lighting Facilities

Establishing alternate sources of lighting is a prerequisite. There is one battery powered lights available in the zone and the details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

SI. No.	Ward	Contact person		
INO.		Designation	Phone number	
1	197	Assistant Engineer	9445191481	

National Disaster Response Force (NDRF)

In Sozhanganallur zone, the NDRF to be stationed locations and precautionary measures to be taken before the rain is given below,

S.No	Div. No.	Where NDRF to be stationed and deployed	
1	197	Ganesa naickar Mandabam, Sozhanganallur	

The Commandant
04, Battalion (NDRF)
Suraksha Campus
Takkolam, Arakkonam
Vellore District – 631 152
Phone No. 04177 – 246594/246269



Rescue Boats

VINAYAKAR KOIL STREET, WARD 194

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatable dinghies/FRP both powered and manually operated. Availability of boats in vicinity of flooded areas plays an important part in rescue operations. When the situation arises to evacuate the people from the affected area the respective Assistant Engineers are responsible to locate the boat at needy places, to guide the boat man, to navigate around marooned areas and to arrange shelters & food for the rescue teams. The details of boats required along with the stationed locations and the precautionary measures which needs to be taken before and during the rain are given below.

SI. No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Location	Contact Number
1	193	2 Nos. of boats at Karpaga Vinayaga nagar	Karpaga Vinayaga nagar	9445190792
2	193	2 Nos. of boats of Anandha nagar	Anandha nagar	9445190793
3	195	2 Nos. of boats at Secretariet colony	Secretariet colony	9445190795
4	195	1 No. of boats at VPG Avenue	VPG Avenue	9445190795
5	194	2 Nos. of boats at Bethel Nagar,	Bethel Nagar	9445190794
6	198	1 No. of boats at Reiverview residency	Reiverview residency	9445190798
7	198	1 No. of boats at Wipro Salai	Wipro Salai	9445190798
8	200	1 No. of boats at Chemmencherry	Chemmencherry	9445190800

ZONE XV EVACUATION AREA, NDRF TEAM & BOAT LOCATIONS





EVACUATION AREA

EVACUATION ARI			
ID. No.	Ward		
E1	193	2 Nos. of boats at Karpa	
E2	193	2 Nos. of boats of Ananc	
E3	194	2 Nos. of boats at Secret	
E4	194	1 No. of boats at VPG Av	
E5	196	2 Nos. of boats at Bethel	
E6	197	1 No. of boats at Reiverv	
E7	197	1 No. of boats at Wipro S	
E8	200	1 No. of boats at Chemr	



BOAT LOCATION

Boats				
ID. No. Ward		Boats stationed Loca		
B1	193	Karpaga Vinayaga naga		
B2	193	A nandha nagar		
В3	194	Secretariet colony		
B4	194	VPG Avenue		
B5	196	Bethel Nagar		
В6	197	Reiverview residency		
B7	197	Wipro Salai		
B8	200	Chemmencherry		



NDRF TEAM

NDRF TEAM		
ID. No.	Ward	Where NDRF to be station
ID. NO.	waru	deployed
N1	197	Ganesa naickar Mandab
INI		Sozhanganallur



Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 6 debris lorries, 2 skid steer loaders and 2 front end loaders are stationed for performing the job. The details of the lorries available rain are given below

No. of lorries and type kept in readiness			
Debris lorry	- 6		
Skid steer loaders (Bob	cat) - 2		
(Front end loader) JCB	- 2		

Depot A.E Contact No.	Availability of Lorries				
	JCB	Bobcat	Open lorry	Water tanker Lorry	Hydraulic Ladder
9445026115	2	2	2	2	1

Less than 2.5 m streets/lanes that cannot be accessed by Vehicles

The following are the streets which cannot be accesses by vehicles as the road width of these roads are lesser than 2.5 metres. The details are given below,

SI.No	Ward	Street Names
1	193	Pandian nagar, Aringar Anna Nagar, Ganesh Nagar, Karpagavinayagar nagar
2	195	Nehru Nagar
3	199	Gandhi Nagar

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 142 of this booklet. The respective officers/staffs may be taken on board to address the issues pertaining to them.

The contact details ward committee and other line departments are as follows

Ward committee – 192

Ward councilor : 9445467192

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190792
GCC - Electrical	Assistant Engineer	9445477675
GCC- Health	Sanitary Inspector	9445025993
GCC - Veterinary	VAS	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190842
GCC - Revenue	Tax Collector	9841128985
Revenue	Revenue Inspector	9884136132
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930192
TANGEDCO	Junior Engineer	9445850159
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498100174
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697

Ward committee - 193 **Ward councillor –** 9445467193

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190793/792
GCC - Electrical	Assistant Engineer	9445477674
GCC- Health	Sanitary Inspector	9445025993
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190843
GCC - Revenue	Tax Collector	8610709598
Revenue	Revenue Inspector	9994523537
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930193
TANGEDCO	Junior Engineer	9445850175
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498128733
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697

Ward committee -194 Ward councillor - 9445467194

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190794	
GCC - Electrical	Assistant Engineer	9445477675	
GCC- Health	Sanitary Inspector	9445025994	
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046	
GCC - Solid waste management	Conservancy Inspector	9445190844	
GCC - Revenue	Tax Collector	9962666842	
Revenue	Revenue Inspector	9994523537	
GCC - Park overseer	Park Supervisor	9445194730	
CMWSSB	Assistant Engineer	8144930195	
TANGEDCO	Junior Engineer	9445850175	
BSNL	Assistant Engineer	044-24500000	
Fire service	Inspector	044-24961186	
Police station	Inspector	9498100174	
PWD	Assistant Engineer	9444487385	
TNSCB	Executive Engineer	9444167521	
Highways	Divisional Engineer	9444266697	

Ward committee -195 Ward councillor - 9445467195

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190795
GCC - Electrical	Assistant Engineer	9445477674
GCC- Health	Sanitary Inspector	9943221970
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190845
GCC - Revenue	Tax Collector	9566056440
Revenue	Revenue Inspector	9994523537
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930195
TANGEDCO	Junior Engineer	9445850170
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498100174
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697

Ward committee -196 Ward councillor - 9445467196

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190796	
GCC - Electrical	Assistant Engineer	9445477675	
GCC- Health	Sanitary Inspector	9445025996	
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046	
GCC - Solid waste management	Conservancy Inspector	9445190846	
GCC - Revenue	Tax Collector	9566056440	
Revenue	Revenue Inspector	9884136132	
GCC - Park overseer	Park Supervisor	9445194730	
CMWSSB	Assistant Engineer	8144930196	
TANGEDCO	ADE	9445850170	
BSNL	Assistant Engineer	044-24500000	
Fire service	Inspector	044-24961186	
Police station	Inspector	9498100174	
PWD	Assistant Engineer	9444487385	
TNSCB	Executive Engineer	9444167521	
Highways	Divisional Engineer	9444266697	

Ward committee -197 **Ward councillor – 9445467197**

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190797
GCC - Electrical	Assistant Engineer	9445191481
GCC- Health	Sanitary Inspector	9445025997
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445071057
GCC - Revenue	Tax Collector	8807225527
Revenue	Revenue Inspector	9994523537
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930197
TANGEDCO	Junior Engineer	9445850173
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498100174
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697

Ward committee -198 Ward councillor - 9445467198

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190798
GCC - Electrical	Assistant Engineer	9445191481
GCC- Health	Sanitary Inspector	9566113565
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445071048
GCC - Revenue	Tax Collector	9080588567
Revenue	Revenue Inspector	9884136132
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930198
TANGEDCO	Junior Engineer	9566222638
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498100174
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697

Ward committee -199 Ward councillor - 9445467199

Name of the department	Designation	Contact Number	
GCC - Engineering	Assistant Engineer	9445190799	
GCC - Electrical	Assistant Engineer	9445191481	
GCC- Health	Sanitary Inspector	9566113565	
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046	
GCC - Solid waste management	Conservancy Inspector	9445190849	
GCC - Revenue	Tax Collector	9962666842	
Revenue	Revenue Inspector	9884136132	
GCC - Park overseer	Park Supervisor	9445194730	
CMWSSB	Assistant Engineer	8144930199	
TANGEDCO	ADE	9445850177	
BSNL	Assistant Engineer	044-24500000	
Fire service	Inspector	044-24961186	
Police station	Inspector	9498100174	
PWD	Assistant Engineer	9444487385	
TNSCB	Executive Engineer	9444167521	
Highways	Divisional Engineer	9444266697	

Ward committee -200 Ward councillor - 9445467200

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190800
GCC - Electrical	Assistant Engineer	9445191481
GCC- Health	Sanitary Inspector	9445025795
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445071060
GCC - Revenue	Tax Collector	9790789226
Revenue	Revenue Inspector	9884136132
GCC - Park overseer	Park Supervisor	9445194730
CMWSSB	Assistant Engineer	8144930200
TANGEDCO	ADE	9445850177
BSNL	Assistant Engineer	044-24500000
Fire service	Inspector	044-24961186
Police station	Inspector	9498100174
PWD	Assistant Engineer	9444487385
TNSCB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697
CMRL	Manager	9962281200





CITY DISASTER MANAGEMENT PERSPECTIVE PLAN 2024



PREFACE

Chennai City located on the coramandel coast of the Bay of Bengal has a flat terrain in which most of the areas are with average elevation of barely 2.0 meters above mean sea level. The City features tropical wet and dry climate. Two major rivers flow through Chennai, the Cooum River and the Adyar River. The third river namely Kosasthalaiyar travels through the

northern fringes of the City before draining into the Bay of Bengal at Ennore. The Buckingham Canal runs parallel to the coast linking the two rivers. The Otteri Nullah, an east—west stream runs through north Chennai join the Buckingham Canal at Basin Bridge. Many lakes of varying size are located on the western fringes of the City.

The topography and erratic climatic conditions makes Chennai City to witness disasters in several occasions such as cyclones, monsoon floods due to heavy down pour cloud burst, earthquakes, Tsunami etc,. There are some of the areas below the mean sea level which makes it difficult to manage inundation during heavy rainfall. Moreover disasters are beyond our control and capabilities wherein we can reduce the risk and prevent losses to certain extent. Greater Chennai Corporation as the jurisdictional disaster management authority has the foremost responsibility to effectively coordinate the disaster mitigation and response arrangements.

In this context, I would like to present the Citizens of Chennai, City Disaster Management Perspective Plan (CDMP) taking into account the global and national trends in disaster management and it incorporates the approaches suggested in the Sendai Framework for Disaster Risk Reduction 2015 – 2030 which outlines topmost priorities for action:-

- a) Understanding disaster risk.
- b) Strengthening disaster risk governance to manage disaster risk.
- c) Investing in disaster risk reduction for resilience and
- d) Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and reconstruction.

As a initiative of smart governance on disaster management, we have set up an Integrated Command and Control Center that will actively share the disaster related information gathered through environmental sensors, rain gauges, flood monitoring sensors and CCTV surveillance and mobile command and control center. We have also considerably increased our investments in City infrastructure amenities combat disasters. The integrated storm water drain project is one of such example for it. We have adopted the suggestions made by the Advisory Committee for flood mitigation and management headed by former IAS officer Thiru. V.Thiruppugazh to overcome civic issues faced during the last monsoon in various parts of the Chennai City.

The City Disaster Management Plan provides a broad framework covering the implementation which requires very sincere and well coordinated approach among all stakeholders, active participation of the civil society, community based organizations and private sectors. I thank one and all including 'Friends in disasters', who play major role actively during disasters in the City. I request all the stakeholders to work together as a Team to make Chennai City disaster-resilient.

R. PRIYA

Honourable Mayor Greater Chennai Corporation

VISION

To enhance the disaster preparedness, to maximize the ability to cope up with disasters and significantly reduce the losses of lives, livelihoods and properties. To minimize the vulnerability to disasters and thus make the city of Chennai disaster resilient and make it a safe place to live in.

MISSION

- Increase resilience and prevent the emergence of disasters by strengthening scientific and technical capabilities on all aspects of preparedness.
- Identify vulnerability of the different parts of the city to disasters and specify minimum standard measures to be adopted for prevention and mitigation of disasters.
- Assign well defined roles and responsibilities to various administrative units in the Greater Chennai Corporation to prepare, mitigate and respond to any disaster.
- Coordinate with Government Departments, NGOs, other Institutions as partners to reduce and manage disaster risks.
- Increase the capacity development comprehensively at all levels to effectively respond to multiple hazards of a disaster.

RATIONALE

As per Section 31 of the Disaster Management Act, 2005(DM Act), District Disaster Management Authority (DDMA) of each district in the country shall prepare City Disaster Management Plan (CDMP) which is to be approved by State Disaster Management Authority (SDMA). It is to be reviewed and updated annually. The DM Act further provides that DDMP shall, inter alia, include areas in the district vulnerable to different forms of disasters; measures to be taken for prevention, mitigation, capacity-building and preparedness. The DDMP shall also include response plans and procedures, in the event of a disaster providing for allocation of responsibilities to the Departments of the Government at the district level and the local authorities in the city; prompt response to disaster and relief thereof; procurement of essential resources; establishment of communication links; and the dissemination of information to the public to respond to any threatening disaster situation or disaster.

EXECUTIVE SUMMARY

The City Disaster Management Perspective Plan 2019-2030 (CDMP) is framed as a set of guidelines to be followed for effective disaster management at the district level and thus forms an action plan for the city of Chennai in its disaster preparedness, prevention mitigation and also for the monitoring of impending disasters. This plan has taken into account the vulnerabilities of Chennai for disasters based on its geography, demography, and its social and environmental aspects. It has been prepared based on the principles in National Disaster Management Plan (NDMP) and State Disaster Management Plan (SDMP). It also highlights Chennai's actions and priorities based on the State Disaster Management Perspective Plan 2018-2030 and the Sendai Framework for Disaster Risk Reduction 2015-2030.

The CDMP covers the occurrence of national calamities in the past such as floods, cyclones, and tsunamis. It also highlights mitigation strategies, assembly locations, and preparedness measures for different disasters. Areas that have faced inundation during previous natural disasters are also identified. The governance mechanism to manage disasters and to deal with the impacts is also highlighted by the various departments of the government and of Chennai Corporation.

The Control Room at the Greater Chennai Corporation serves as Chennai's Emergency Operations Centre. Based on the Standard Operating Procedures, in the event of a disaster, responsibilities of the concerned departments at the city level and of government are outlined to ensure prompt response to disaster. Immediate relief and rehabilitation measures by mobilizing essential resources with the proper dissemination of information to the public will be coordinated by the Control Room.

This plan outlines the investments and preparedness for disaster risk reduction by the Government of Tamil Nadu and Greater Chennai Corporation to proactively approach disasters based on the State Disaster Management Perspective Plan. It also demonstrates GCC's initiatives with Governmental and NGOs / Institutions to respond to disasters.

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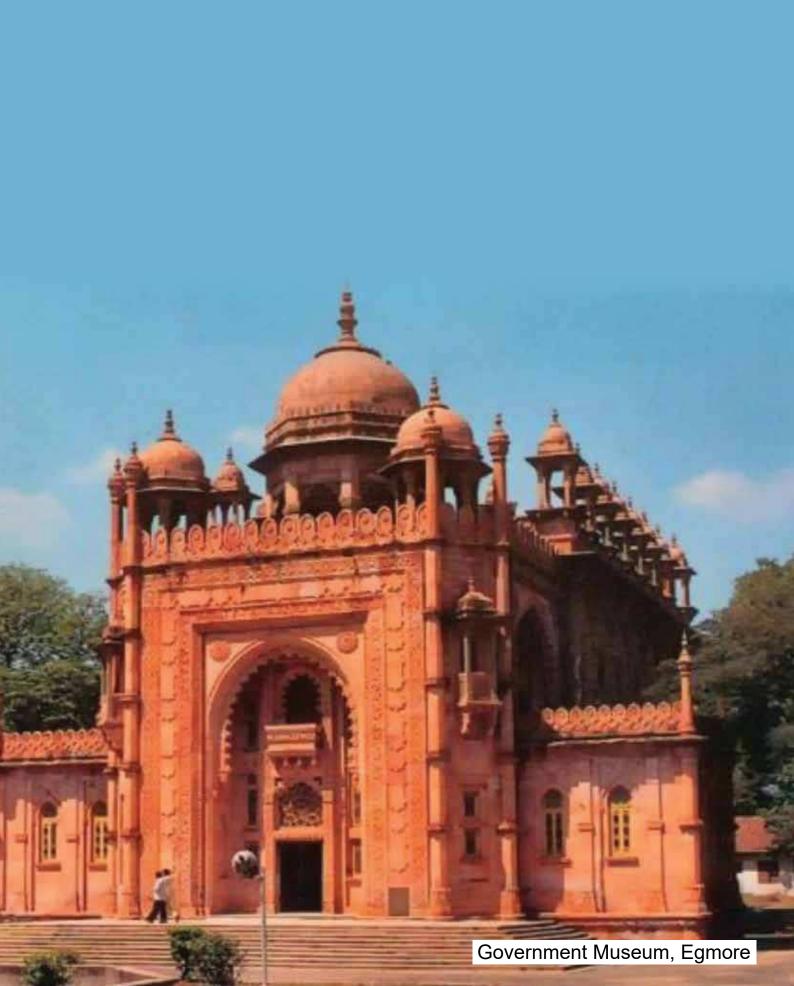
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