

CITY DISASTER MANAGEMENT PERSPECTIVE PLAN

2026



GREATER CHENNAI CORPORATION



CITY DISASTER MANAGEMENT PERSPECTIVE PLAN 2026



PREFACE

It is with great pride that I present the Chennai City Disaster Management Plan 2026, a comprehensive and forward-looking roadmap to make Chennai disaster-resilient. Chennai is situated on the Coramandel Coast of Bay of Bengal. The city's terrain is very flat with an average elevation of barely 2.0 meters above Mean Sea Level and certain areas even below sea level, which makes it difficult to manage inundation and de- watering during monsoon times. The City features tropical wet and dry climate.

City is drained by three major rivers - Kosasthalaiyar in the North draining at Ennore, Cooum and Adyar, the Buckingham Canal running parallel to the coast linking these rivers, and the otteri Nullah - an east-west stream through North Chennai joining Buckingham Canal at Basin Bridge' Many lakes on the western fringes and over 200 km of minor drainage channels complete this network. The topography and erratic climate conditions have made the city prone to disasters such as cyclones, floods due to heavy downpour, cloud burst, earthquakes, and Tsunami 'During high-intensity North East Monsoon, the surge in these rivers coupled with high tide and encroachments leads to urban flooding.

Chennai has witnessed major disasters in the last two decades - the Tsunami 2004, Floods 2015, Cyclone Vardah 2016, Gaja 2018' Michaung 2023 with 45 cm rainfall in a day, and annual monsoon inundation. while natural disasters are beyond our control, our capabilities to reduce risk, prevent losses, prepare, respond and recover can be further improved by effective planning and efficient interdepartmental co-ordination.

Greater Chennai Corporation as the jurisdictional disaster management authority has the foremost responsibility to effectively coordinate the disaster mitigation and response arrangements.

This Plan 2026 has been prepared by Greater Chennai Corporation incorporating the Global and National trends in Disaster Management and the approaches suggested in the Sendai Framework for Disaster Risk Reduction 2015-2030 which outlines four priorities of Sendai form the backbone of this

a) Understanding Disaster Risk,

b) Strengthening Disaster Risk Governance,

c) Investing in Disaster Risk Reduction for Resilience, and

d) Enhancing Disaster Preparedness for effective response and to Build Back Better (BBB) in in recovery, rehabilitation and reconstruction.

To aid the Corporation, the Integrated Command and Control Centre (ICCC) has been established as a smart governance initiative that will actively share disaster information gathered through environmental sensors, rain gauges, flood monitoring sensors and CCTV surveillance and mobile command & control center. For NEM 2026, ICCC has been further strengthened with three Regional ICCCs - North, Central and South - for decentralised monitoring, faster response and escalation to ICCC.

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.This perspective plan lays stress on integrating disaster risk reduction into development plan and an ecosystem-based approach.

While the plan provides much clarity and sound framework, the implementation requires sincere cooperation of various agencies, effective coordination among various departments and active participation of the civil society, community based organizations and private sector. Hence, I request all the stakeholders to work together as a Team to make our city truly disaster resilient

I thank the Commissioner, GCC and all officers and staff, who are collectively responsible for disaster mitigation of Chennai City, and all line departments. My special thanks to our 'Friends in Disasters' - Volunteers, NGOs, RWAs and Community organizers and citizens to work together to make Chennai safe, resilient and sustainable.



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.

TABLE OF CONTENTS

Heading No	Description	Page No
1.0	INTRODUCTION	1
1.1	Disaster Management and Planning	1
1.2	Need of Disaster Management plan	2
1.3	Scope of Disaster Planning	2
1.4	Objective of the Disaster Planning	3
1.5	Types Of Disasters	4
1.6	Response Planning	4
1.7	Integration with the State Disaster Management Perspective Plan 2018-2030 and the Sendai Framework	5
2.0	CHENNAI CITY: A PROFILE	9
2.1	City Profile	9
2.2	Chennai Population	9
2.3	Evolution, Administration and Functions	11
2.4	Services Rendered by Greater Chennai Corporation	12
2.5	Essential Services by Other Authorities	12
2.6	Geography and Geology of City	15
2.6.1	Geology	15
2.6.2	Topography	16
2.6.3	Green Cover and Wetlands	16
2.6.4	Weather and Climate	17
2.7	Hydrology of City	18
2.7.1	Water Bodies and Water Ways	18
2.7.2	Major Drainage System	18
2.7.3	Minor Drainage Network	21

Heading No	Description	Page No
3.0	INSTITUTIONAL FRAMEWORK AND ARRANGEMENTS	25
3.2	Control Room Arrangements	26
3.3	State and District Administration	28
3.3.1	State Level Administration	28
3.3.2	District Level Administration	29
3.3.3	Incident Response System	30
3.4	Other Departments and Stakeholders	31
3.4.1	Fire & Rescue Services Department	31
3.4.2	Tamil Nadu Disaster Response Force (TNDRF)	31
3.4.3	Volunteers and Training	32
3.4.4	Civil Defence	32
3.4.5	Preparedness & Response	33
3.4.6	Relief	33
3.4.7	Rehabilitation - Build Back Better	34
3.4.8	Coordination with Central Agencies and Armed Forces	34
4.0	CYCLONES AND FLOODS	35
	Frequency of Disturbances	35
4.1	Cyclone	37
4.1.1	Nada Cyclonic Storm 2005	38
4.1.2	Vardah Cyclone 2016	38
4.1.2.1	Damages Caused	39
4.1.2.2	Strategies and Restoration	40
4.1.3	Impacts of Cyclone	40
4.1.4	Cyclone mitigation strategies	41
4.1.5	Common Cyclone preparedness measures	41

Heading No	Description	Page No
4.2	Flood	42
4.2.1	Scene During Flood 2015	107
4.2.1.1	Government Response	109
4.2.1.2	Mitigation	109
4.2.1.3	Centralised Relief Material Center	111
4.2.1.4	Distribution of relief materials and role of NGOs / Volunteers	113
4.2.1.5	Clearing of Garbage	113
4.2.2	Causes of Flood	114
4.3	"MICHAUNG" CYCLONE IN 2023	116
4.3.1	Scene during Flood	116
4.4	FENGAL CYCLONE 2024	117
4.4.1	Introduction :	117
4.4.2	Response Measures:	117
4.4.3	Motor Pumps Deployed:	117
4.4. 4	Heavy Machinery:	117
4.4. 5	Relief Centers:	117
4.4. 6	Food Packets Distributed:	117
4.4.7	REMOVAL OF FALLEN TREES	118
4.5	Monsoon 2025	118
4.5.1	Introduction	118
4.5.2	Response Measures:	118
4.5.3	Motor Pumps Deployed:	118
4.5. 4	Heavy Machinery:	118
4.5. 5	Relief Centers:	119
4.5. 6	Food Packets Distributed:	119

Heading No	Description	Page No
4.5. 7	Other Measures	119
5.0	EARTHQUAKES AND TSUNAMIS	120
5.1	Earthquake	120
5.1.1	Impact of Earthquake	122
5.1.2	Earthquake Mitigation Strategies	122
5.1.3	Earthquake preparedness measures	122
5.1.4	Assembly Points	123
5.2	Tsunami	128
5.2.1	Tsunami in Bay of Bengal	128
5.2.2	Tsunami Hits in India	130
5.2.3	Tsunami in Chennai	131
5.2.4	Tsunami preparedness measures	131
6.0	Understanding Disaster Risk	133
6.1.1	Risk Assessment and Mapping	133
6.1.1.1	Real Time Flood Forecasting and Spatial Decision Support System for Adyar, Cooum, Kosasthalaiyar Rivers and Kovalam Basins	133
6.1.1.2	Mapping of Flood Prone River Basins by Unmanned Aerial Vehicle	134
6.1.1.3	Storm Surge Model	135
6.1.1.4	Integrated Coastal Zone Management plan for Tamil Nadu	135
6.1.1.4.1	Land Use Mapping of the Entire Coastal Stretch of Tamil Nadu	135
6.1.1.4.2	Coastal Vulnerability Mapping	136
6.1.1.5	Tamil Nadu System for Multi-Hazard Potential Impact Assessment and Emergency Response Tracking (TN -SMART)	136
6.1.1.6	GIS Cell	137
6.1.1.7	Data Analytics for Risk Assessment	138

Heading No	Description	Page No
6.1.1.8	Leveraging Technology to Enhance the Efficiency of Disaster Risk Management Efforts	138
6.2	Risk Communication	138
6.2.1	Early Warning System	139
6.2.2	Satellite Telephony	140
6.2.3	Internet Telephony	140
7.0	**Investing in disaster risk reduction for resilience**	141
7.1	Involvement of Private Sector	142
7.2	Non-Structural Measures	142
7.3	Social Inclusion	142
7.4	Mainstreaming Disaster Risk Concerns	142
8.0	**standard operating procedures**	145
8.1	Preparedness of water ways and water bodies	145
8.2	Water stagnation locations	146
8.3	Preparedness of Relief Centers	147
8.4	Common kitchen / Cooking Centres	148
8.5	Subways	149
8.6	Tree fall	151
8.7	Transport equipment /Lorries	153
8.8	Preparedness of Streets	154
8.8.1	Preparedness of Streets do not require evacuation	154
8.8.2	Preparedness of Streets require evacuation	154
8.9	Lighting facilities	157
8.10	National Disaster Response Force/ State Disaster Response Force	158

Heading No	Description	Page No
8.11	Health Department Support	158
8.12	Veterinary Support	161
8.13	Role of Financial Advisor	163
8.14	Role of Public Relations Officer	163
8.15	Ward Committee	163
8.16	Other Departments Mitigation Plan	165
9.0	**Enhancing Disaster Preparedness**	169
9.1	Data Analytics for Strengthening Preparedness and Response	169
9.2	Build Back Better for Rehabilitation and Reconstruction	169
9.3	Collaboration with International and Domestic NGOs	170
9.4	Command and Control Centre	170
9.5	Storm Water Drains	171
9.6	Rainwater Harvesting	172
	Restoration and Rejuvenation of Mambalam Canal	173
9.7	Maintenance of Waterbodies and Urban Lakes	173
9.8	Maintenance of Canals	173
9.9	Permanent Flood Mitigation in Greater Chennai and its Peri-urban Areas – Measures of the Water Resources Department	174
9.9.1	Hydrological setting	174
9.9.2	One drainage system, five tiers, two agencies	175
9.9.3	Planning framework for fluvial flood mitigation	176
9.9.4	Works completed since 2015	179
9.9.5	Basin-wise measures and their effect on the GCC area	181
9.9.6	Conservation of flood water and restoration of storage	184

Heading No	Description	Page No
9.9.7	Forecasting, monitoring and reservoir operation	184
9.9.8	Interface between GCC's storm water drains and WRD's waterways	185
9.9.9	Protection of waterways – removal of encroachments	187
9.9.10	Projects in the pipeline and the way forward	187
9.10	Sustainable Opening of the River Mouths and Creek Outlets: Ennore, Cooum, Adyar and Muttukadu	188
9.10.1	Why the mouths close	188
9.10.2	Principles of sustainable mouth opening	189
9.10.3	Status and proposals for each outlet	190
9.10.4	Annual mouth management cycle	191
9.10.5	Monitoring and early warning	191
9.10.6	Institutional and statutory arrangements	192
9.10.7	The four mouths as one system	192
9.11	Prioritizing Afforestation	192
9.12	Fire Accidents	193
9.13	Bioshields	193
9.14	Climate Change Adaptation Programme	194
9.15	Green Climate Fund (GCF)	194
9.16	Protection and Restoration of Ecosystems	195
9.17	Conservation of Coastal and Marine Ecosystems	195
9.17.1	Eco-Restoration of Interface Ecosystems	195
9.18	Integrated Development of Vulnerable Areas	196
9.19	Multiple accident hazardous unit	196
APPENDIX- I	Contacts	199

Chapter No	Description	Page No
1	Zone - 1 Thiruvottriyur	207- 239
2	Zone - 2 Manali	240 - 273
3	Zone - 3 Madhavaram	274 - 316
4	Zone - 4 Tondiarpet	317 - 368
5	Zone - 5 Royapuram	369 - 403
6	Zone - 6 Thiru-Vi-Ka Nagar	404 - 441
7	Zone - 7 Ambattur	442 - 480
8	Zone - 8 Anna Nagar	481 - 519
9	Zone - 9 Teynampet	520 - 560
10	Zone - 10 Kodambakkam	561 - 602
11	Zone - 11 Valasaravakkam	603 - 642
12	Zone - 12 Alandur	643 - 675
13	Zone - 13 Adyar	676 -712
14	Zone - 14 Perungudi	713 - 753
15	Zone - 15 Sholinganallur	754 - 782

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.

i. **Geological Disasters (3)**

Landslides, Earthquake and Tsunami.

i. **Chemical, Industrial and Radiological (3)**

Industrial Fires, Gas & Chemical Leakages, Nuclear Disaster

i. **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 .

i. **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 interventionsto 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 onPallikaranai 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.

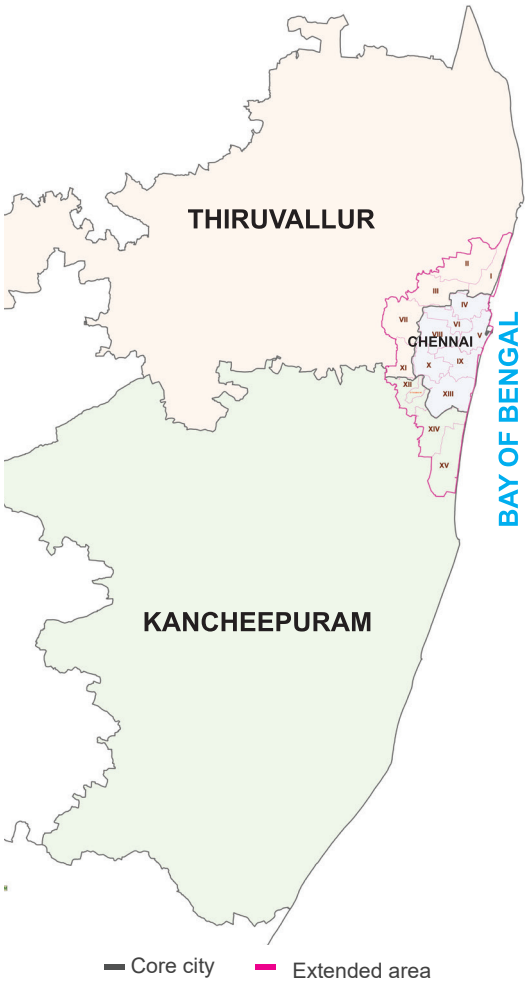
2.0 CHENNAI CITY: A PROFILE

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.

GCC with Adjacent Districts

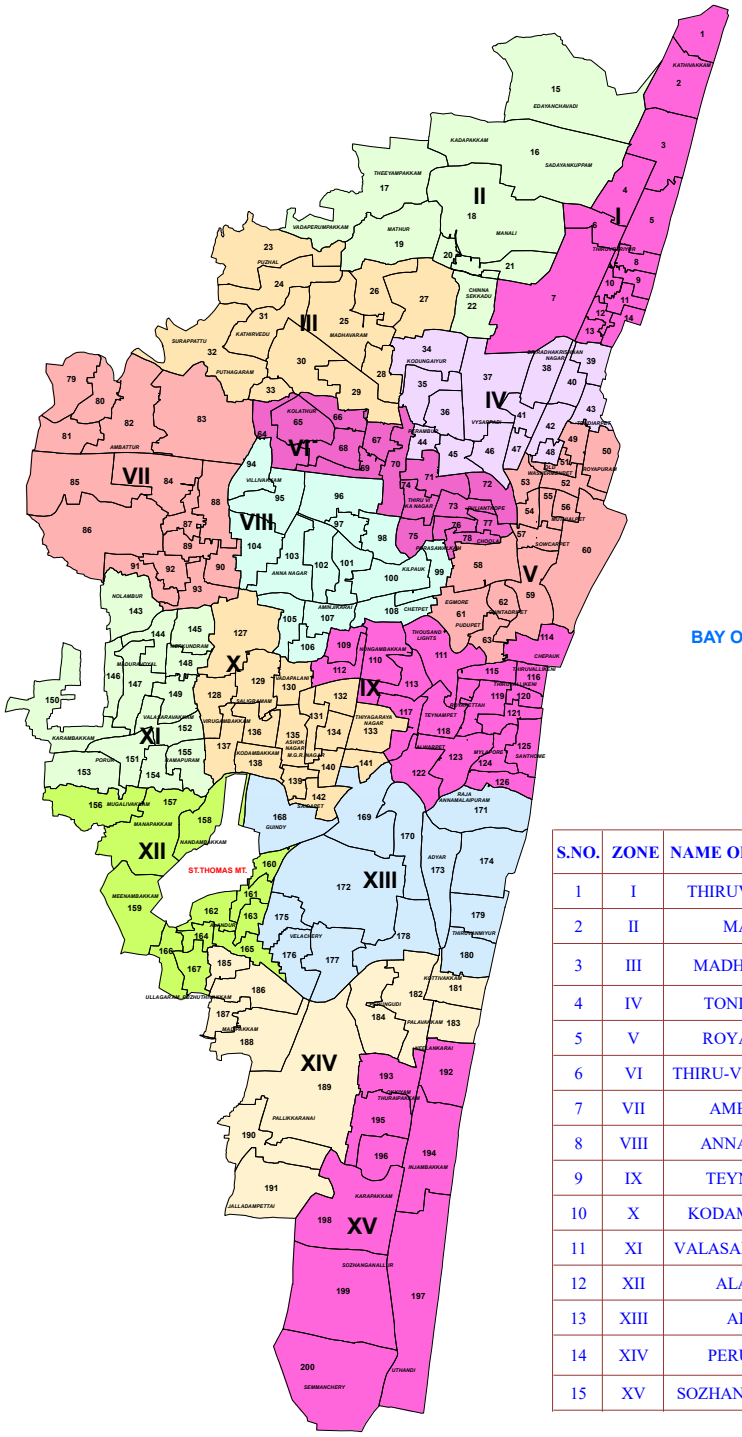


2.2 Chennai Population

The average population of Chennai city is about66.72 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 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.

ZONAL BOUNDARY

GREATER CHENNAI CORPORATION



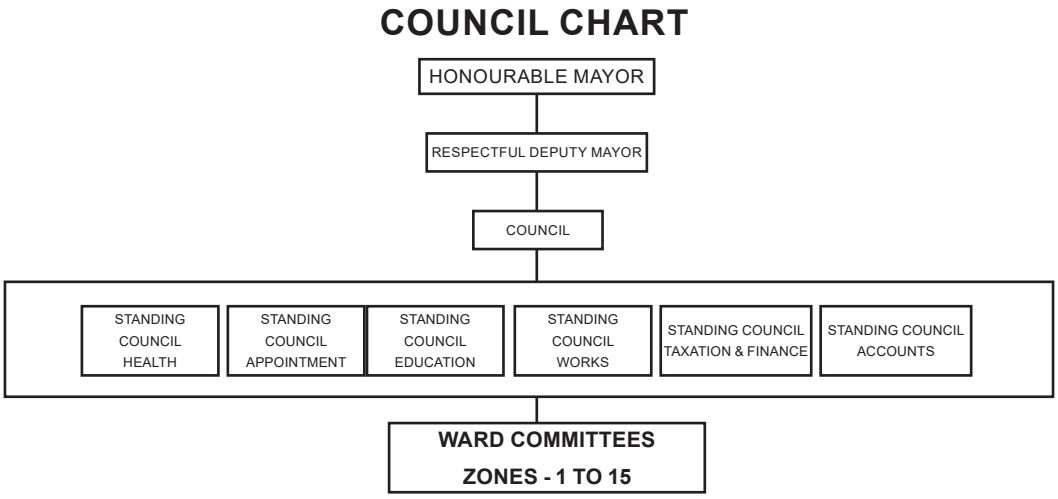
S.NO.	ZONE	NAME OF THE ZONE	WARD NUMBER
1	I	THIRUVOTRIYUR	1 TO 14
2	II	MANALI	15 TO 22
3	III	MADHAVARAM	23 TO 33
4	IV	TONDIARPET	34 TO 48
5	V	ROYAPURAM	49 TO 63
6	VI	THIRU-VI-KA NAGAR	64 TO 78
7	VII	AMBATTUR	79 TO 93
8	VIII	ANNA NAGAR	94 TO 108
9	IX	TEYNAMPET	109 TO 126
10	X	KODAMBAKKAM	127 TO 142
11	XI	VALASARAVAKKAM	143 TO 155
12	XII	ALANDUR	156 TO 167
13	XIII	ADYAR	168 TO 180
14	XIV	PERUNGUDI	181 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 35,978 interior roads measuring a total length of 5,654 km and 488 bus route roads for 418.56 km. The Greater Chennai Corporation is maintains 3,11,285 Street Lights, all the street lights are energy efficient LED lights. 630 High mast lights have been erected at vital locations such as major road junctions, beaches and parks. Greater Chennai Corporation is maintaining the storm water drains network for a length of 3041 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 993 Parks, 90 Traffic Islands and 66 community halls.

Greater Chennai Corporation runs 206 Primary Schools, 130 Middle Schools, 46 High Schools and 35 Higher Secondary Schools, totalling 417 Schools with 3194 teachers and 1,11,687 Students. Greater Chennai Corporation also runs 336 Kinter Garden Schools with in the existing school premises.

Greater Chennai Corporation provides Health Services through 140 Urban Primary Health Centers , 16 Urban Community Health Centers, 3 Emergency Obstetric Centers, 1 Communicable Disease Hospital with 347 medical officers, 10 Dialysis centers, 40 polyclinics and 2424 paramedical staff. On an average every day 41,599 out patients are treated in the above health centers.

Greater Chennai Corporation provides quality/hygienic food and drinking water through Amma Unavagam. As on date around 382 Amma Unavagams.

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.



High Court



AirPort



Chennai Metro Rail Limited (CMRL)



Road ways



Chennai Port

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 6th busiest airport in India and handles 23 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),

Railways	is a rapid transit system serving the city.The Phase I of Chennai Metro Rail project covers a length of 45.046 km network and consists of two Corridors i.e. Corridor-I From Washermenpet to Airport (23.085 Km), Corridor -2 From Chennai Central to St. Thomas Mount (21.961 km). About 55% of the Corridors in Phase I is Underground and the remaining are Elevated. Out of 32 nos of Stations 13 nos are Elevated Stations and remaining 19 nos are Underground Stations. Both Corridor interchange Stations are available in Alandur (Elevated) and Chennai Central (Underground) respectively. Phase I Extension covers a length of 9.05 Km from Washermenpet to Wimco Nagar Phase II expansion has been planned for a length of 118.9 Km network with 128 nos. of Stations. It consists of three Corridors i.e. Corridor-3 From Madhavaram to SIPCOT (45.8 Km), Corridor-4 From Lighthouse to Poonamalle Bypass (26.1 Km), Corridor-5 From Madhavaram to Sholinganallur (47.0 Km).
Roadways	Chennai is connected by four major National Highways (NH) that originates in the city. They are • NH 48 to Mumbai (via Bangalore) • NH 16 to Kolkata (via Bhubaneswar) • NH 45 to Theni (via Tiruchirapalli) • NH 42 to Anantapur, Andhra Pradesh (via Tirupati) The Chennai Mofussil Bus Terminus (CMBT), Madhavaram Mofussil Bus Terminus and Kilambakkam Mofussil Bus Terminus servises as the terminus for all intercity busses 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. Soil 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 4m 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.

Sl.No	Category	Area in Sq km	Percentage
1	Buildings	125.730	29.51
2	Vacant land	26.651	6.26
3	Carriageway	38.721	9.09
4	Temples	0.485	0.11
5	Water Bodies	37.677	8.84
6	Park	0.160	0.04
	Others	196.577	46.14
Total Area		**229.423**	**100.0**
Chennai area in sq.km			**426**

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 993 parks to an area of 2.48 Sq.km, 313 Open Space Reservation (OSR) land to an area of 10.04 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 (91)	37 (99)	39 (102)	43 (109)	45 (113)	43 (109)	41 (106)	40 (104)	39 (102)	39 (102)	34 (93)	33 (91)	45 (113)
Average high °C (°F)	29 (84)	31 (88)	33 (91)	35 (95)	38 (100)	38 (100)	36 (97)	35 (95)	34 (93)	32 (90)	29 (84)	29 (84)	33.3 (91.8)
Average low °C (°F)	19 (66)	20 (68)	22 (72)	26 (79)	28 (82)	27 (81)	26 (79)	26 (79)	25 (77)	24 (75)	22 (72)	21 (70)	23.8 (75)
Record low °C (°F)	14 (57)	15 (59)	17 (63)	20 (68)	21 (70)	21 (70)	22 (72)	21 (70)	21 (70)	17 (63)	15 (59)	14 (57)	14 (57)
Average precipitation mm (inches)	16.2 (0.638)	3.7 (0.146)	3.0 (0.118)	13.6 (0.535)	48.9 (1.925)	53.7 (2.114)	97.8 (3.85)	149.7 (5.894)	109.1 (4.295)	282.7 (11.13)	350.3 (13.791)	138.2 (5.441)	1,266.9 (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.

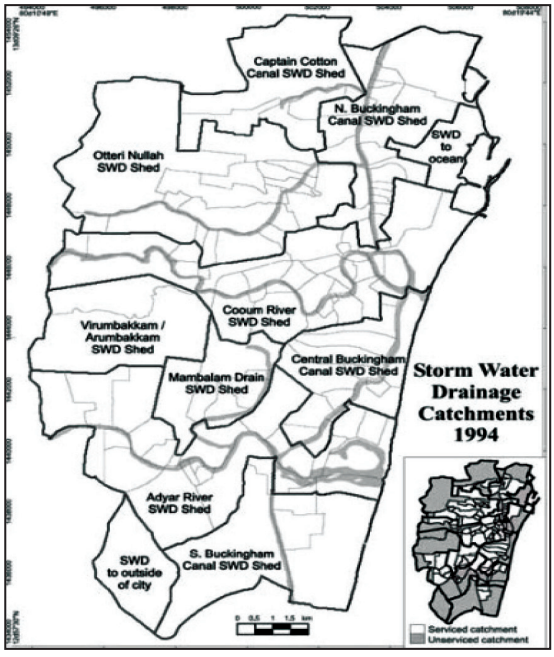
In Chennai IMD has two rain recording stations and 4 automated warning systems, the details are

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

Real-Time Rainfall Monitoring is done through 65 Rain Gauges installed across all 15 GCC zones, with continuous monitoring of hourly and cumulative rainfall for rainfall assessment, forecasting and disaster response.

2.7 Hydrology of City

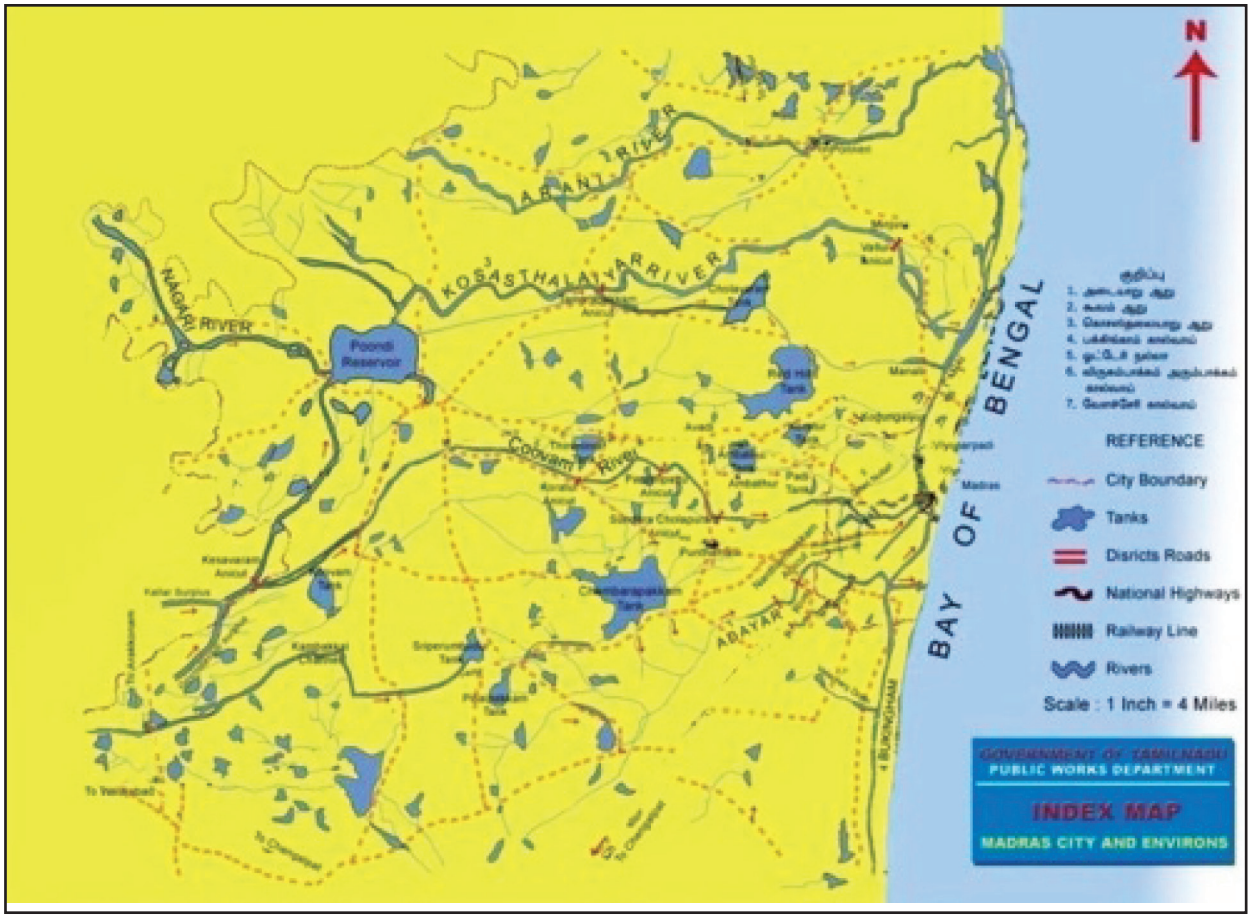
2.7.1 Water Bodies and Water Ways



There are 5 major water ways in the city maintained by the Water Resources Department (WRD) and 44 Canals maintained by Greater Chennai Corporation. There are 3041 km which are drained to major and minor drainage systems. The stomwater 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 44 canals runing in the city linked with major drainage systems. While OtteriNullah, Kodungaiyur canal and Captain Cotton Canal drains 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	**47.00**
2	Buckingham Canal	**47.00**
3	Coum River	**67.00**
	Total	**161.00**

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 storm water into the sea through major / minor drains.

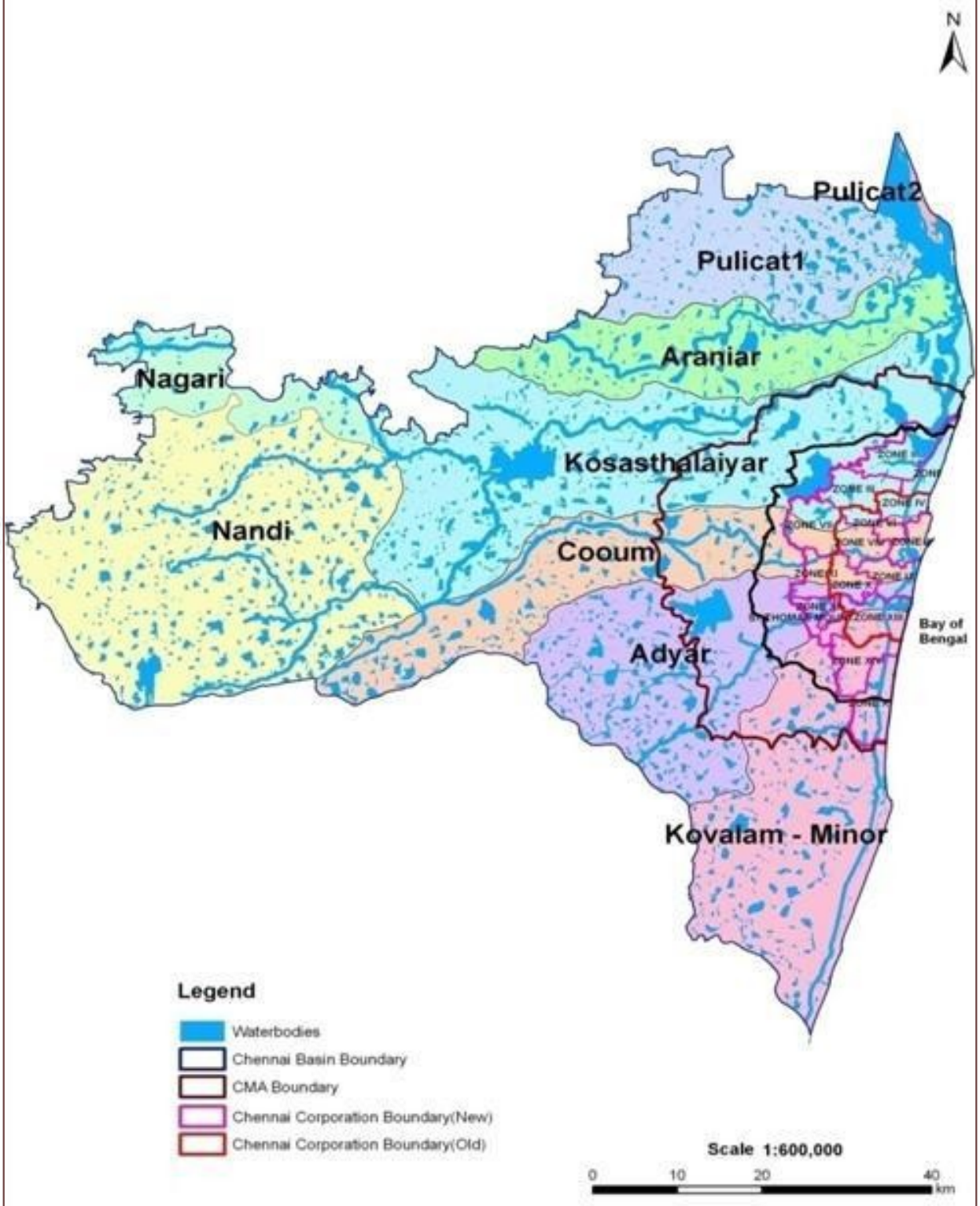
The Minor drainage or canals maintained by Greater Chennai Corporation with their respective zones are listed in the Table.

Minor Drainage system in Chennai city

Sl/.No	Zone No.	Name of the Canal	Length (in M)
1	I	Thamaraikulam Canal	500
2	II	Old Napalayam Canal	1,299
3	II	Thulasi nagar Canal	2,043
4	II	Manali Pudur TNHB Canal	1,121
5	II	Periya Eatchankuzhi Canal	257
6	II	Kadapakkam Lake Surplus Canal	952
7	II	Madhavaram - Manali Lake Canal	1,266
8	II	Ambedkar Nagar Canal	586
9	II	Jahir Hussain Canal	380
10	II	TPP Salai Canal	1,730
11	II	Periya Nagar Canal	780
12	IV	Captain Cotton Canal	3,040
13	IV	Kodungaiyur Canal (North)	1,150
13	IV	Kodungaiyur Canal (South)	1,675
13	IV	Kodungaiyur Canal (Main)	2,575
14	IV	Link Canal	530
15	IV	Vyasarpadi Canal	1,350
16	IV	Jawahar Canal	750
17	VI	Ekangipuram Canal	1,530
18	VI	Gandhi Canal	200
19	VI	Railway Canal and Ansely Canal	1,302

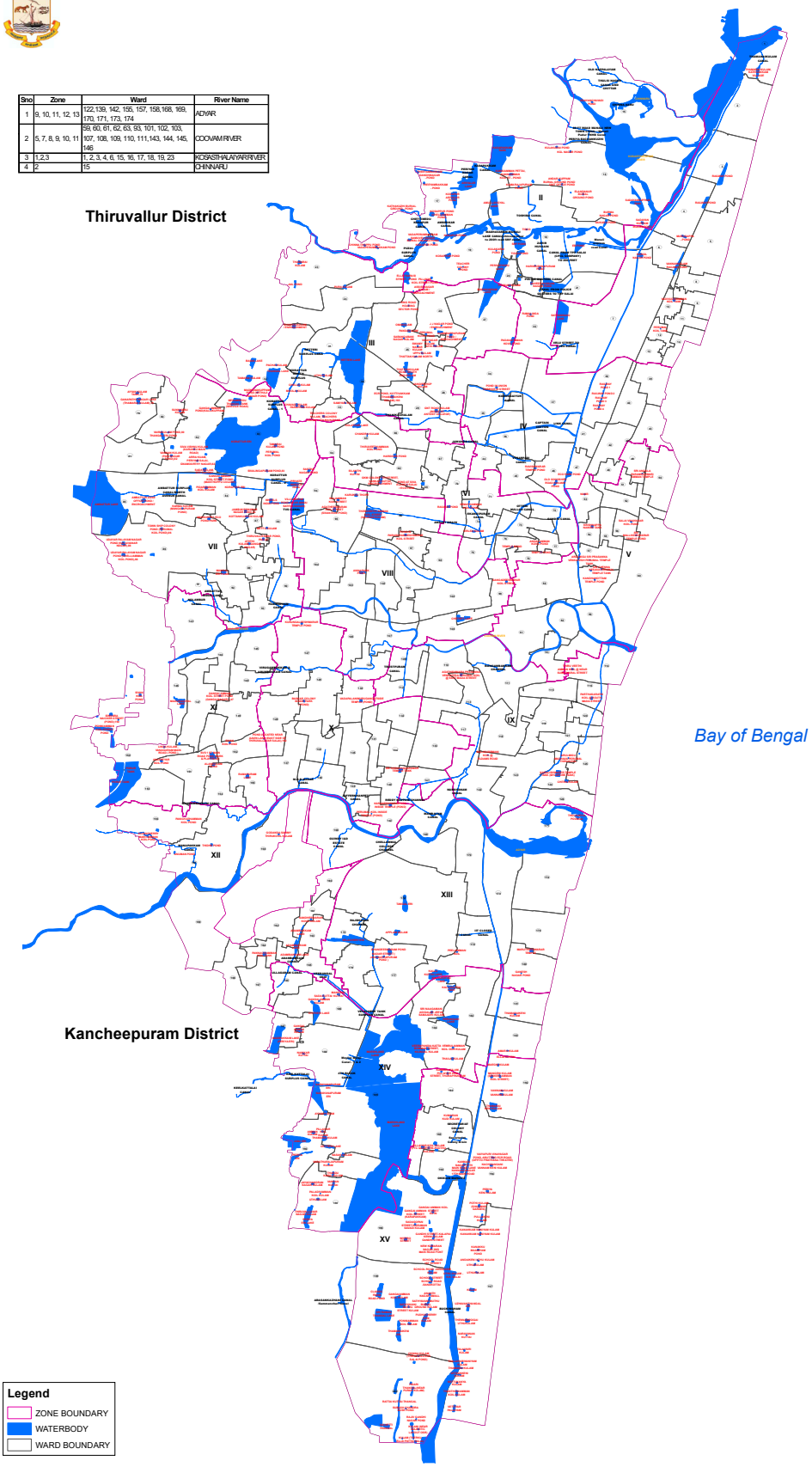
20	VI &VIII	Otteri Nullah Canal	10,800
21	VII	North Avenue Canal	2,900
22	VII	Ambattur Sidco Canal	1,320
23	VII	Padi kuppam Canal	2,120
24	VIII	TVS Canal	910
25	VII	Agasthiyar Canal	180
26	VII &XI	Nolambur Canal	2,480
27	IX	Nungambakkam Canal	900
28	IX	Nandanam Canal	1,060
29	IX	Trustpuram Canal	1,500
30	IX&XIII	Mambalam Canal	5,800
31	X	MGR Canal	1,800
33	X	Jaffer khanpet Canal	600
33	X&XI	Virugambakkam & Arumbakkam Canal	6,700
34	XI&XII	Nandambakkam Canal	3,240
35	XII	Adambakkam Canal	927
36	XII,XIII,XIV	Veerangal Odai	4,000
37	X	Reddypkkuppam Canal	500
38	XIII	Chellammal College Canal	700
39	XIII	Guindy Industrial Estate Canal	1,600
40	XIII	Rajbhavan Canal	1,100
41	XIV	Pallikaranai Canal (Mayilai Balaji Canal - 1 & 2)	342
42	XIV	Ullagaram MGR Canal	900
43	XV	Secretariat colony Canal	1,084
44	XV	Semmencheri Canal	2,500
	Grand Total		**81,132**

CHENNAI RIVER BASIN



ZONE BOUNDARIES WITH WATER BODIES

Sno	Zone	Ward	River Name
1	9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR
2	5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
3	1,2,3	1, 2, 3, 4, 6, 15, 16, 17, 18, 19, 23	KOSASTHALAIYARRIVER
4	2	15	CHINNARU



3.0 INSTITUTIONAL FRAMEWORK AND ARRANGEMENTS

"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 Control Room in Greater Chennai Corporation is functioning at Ripon Building. The Control Room 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 Control Room during monsoon/emergency time.

A preparedness and readiness for the North East Monsoon following activities are monitoring at ICCC.

- 24×7 ICCC War-Room Operations enabled continuous monitoring, situation assessment, inter-departmental coordination and emergency response during heavy rainfall, flooding and other monsoon-related events.
- Integrated Early Warning & Forecast Monitoring through 72-hour rainfall/ flood forecasts using IMD, ECMWF, NCEP-GFS & INCOIS, along with IMD 5-day rainfall forecasts, supporting advance preparedness, vulnerability assessment and resource prioritisation.
- Real-Time Rainfall Monitoring through 65 Rain Gauges installed across all 15 GCC zones, with continuous monitoring of hourly and cumulative rainfall for rainfall assessment, forecasting and disaster response.
- One-Page Hourly Disaster Monitoring Report prepared continuously during the disaster period, consolidating IMD & ICCC rainfall, water stagnation, tree falls, subway status, pump and JCB/Poclain availability, PGR complaints, relief centres/shelters, cooking and food distribution, camps and beneficiaries, boats, NDRF/SDRF, TNEB outages, CMWSSB sewage pumping stations and reservoir status for decision-making and field coordination.
- Real-Time IoT-Based Flood Monitoring through rain gauges, flood sensors and flood monitoring cameras, providing live inputs on rainfall, water

levels, canals, vulnerable locations and subway flooding for timely alerts and response.

- Flood-O-Meters at 40 Strategic Locations providing real-time waterlogging/ depth information to support accurate flood assessment and timely mitigation measures.
- 159 IoT-enabled Smart Pumps integrated with ICCC for real-time monitoring of pump status and operational readiness, enabling faster mobilisation during waterlogging and flooding.
- Automated Flood Safety Systems in 17 Subways with boom barriers, Public Address systems and LED displays for timely warning, access control and safe traffic management during flooding.
- Three Regional ICCCs – North, Central & South established to enable decentralised monitoring, regional coordination, resource mobilisation and faster response, with critical incidents escalated to the Central ICCC.
- Real-Time Surveillance & Situational Awareness through surveillance, flood and SWM cameras for monitoring vulnerable locations, canals, subways, waterlogging, tree falls and field operations.
- Public Warning & Emergency Communication through 101 VMDs, Public Announcement Systems and other communication channels for dissemination of weather/flood alerts, advisories and emergency messages.
- Integrated Public Grievance & Incident Monitoring through 1913, Namma Chennai App, WhatsApp, social media and other channels, enabling categorisation, escalation and tracking of complaints and response.
- Environmental Monitoring through environmental sensors capturing temperature, humidity, noise, light intensity, CO, NO_2, CO_2 and SO_2, providing regular environmental inputs to ICCC for monitoring and decision support.
- Inter-Departmental Response Coordination through ICCC alerts and dashboards for timely mobilisation of GCC departments and field teams for pump activation, dewatering, debris/tree-fall clearance, traffic management, power/water-related issues and other emergency interventions.

Integrated Command & Control Centre (ICCC)





The Water resources 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.

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 as remote 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 man-made 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. In addition, 6841 volunteers have registered in GCC portal.

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 Corporation Headquarters.

3.4.5 Preparedness & Response

Community participation in preparedness will be ensured through enrollment 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 detail. During 1976, heavy flood 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.

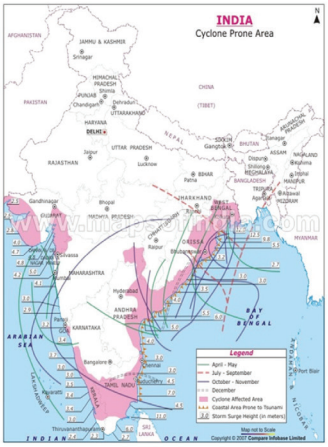
In the same year the city was also exposed to a Cyclone named as Fanoos with a wind speed of 85 km/hr east of Chennai on 9th December.

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.

In 2020 Burevi Cyclone was a small tropical storm that made landfall in Sri Lanka in December 2020, being the first to do so since a depression in 2014. It had little affect on Southern India.

Frequency of Disturbances

YEAR	CYCLONIC DISTURBANCES				CYCLONES				SEVERE CYCLONES			
	BOB	AS	LAND	TOTAL	BOB	AS	LAND	TOTAL	BOB	AS	LAND	TOTAL
1900 to 2024	1167	244	131	1542	490	131	13	634	228	82	3	313



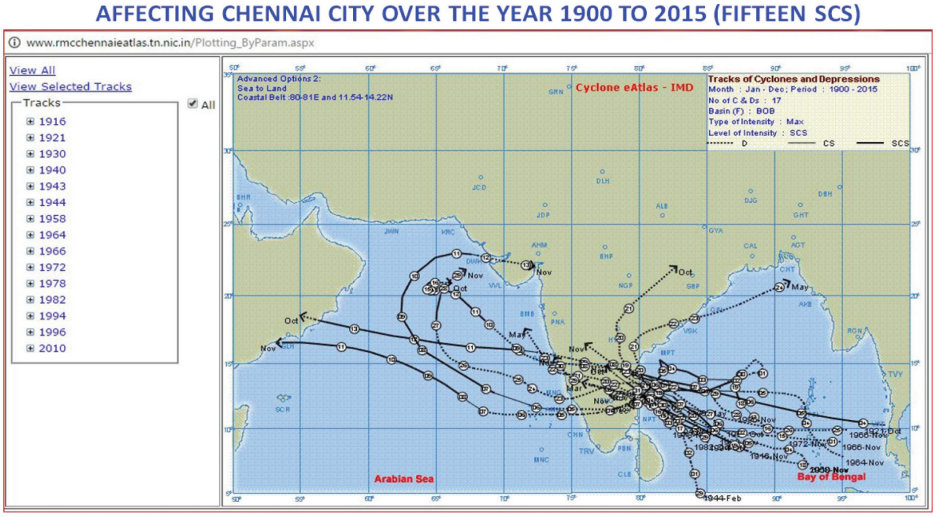
National Cyclone Risk Mitigation Project

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

WEST COAST	MAJOR TROPICAL CYCLONES	EAST COAST	MAJOR TROPICAL CYCLONES
Kerala	3	West Bengal (69	69
Karnataka	2	Odisha (98)	98
Maharashtra	13	Andhra Pradesh (79)	79
Goa	2	Tamil Nadu (54)	54
Gujarat	28	Pondicherry (8)	8

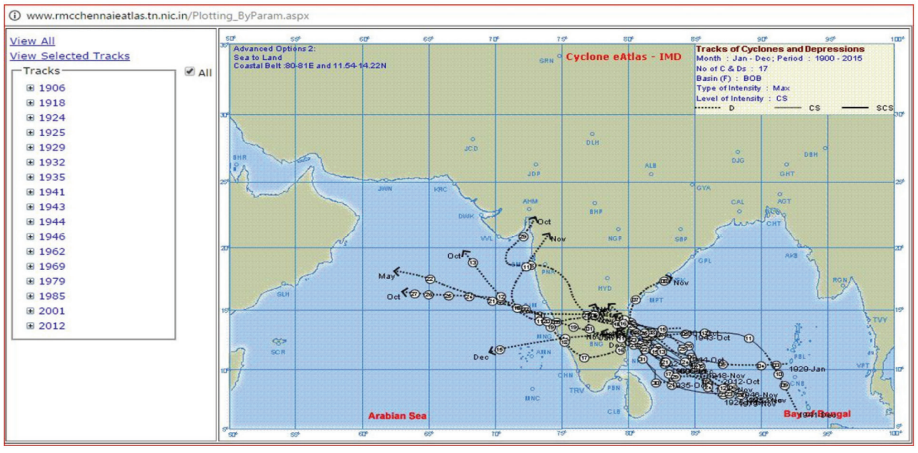
Tamil Nadu (54)	Chennai	18
	Cuddalore	7
	Southarcot	5
	Tanjavur	12
	Pudukkottal	5
	Ramnathpuram	3
	Tirunelveli	2
	Kanyakumari	2

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

In 2022 Mandous Cyclone was the third cyclonic storm and the third most powerful tropical cyclone of the North Indian Ocean cyclone season in 2022.

In 2023, Michaung cyclone affected the city causing high rainfall.

In 2024, Fengal cyclone hit the city, causing inundation in many parts of Chennai.

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 2024.

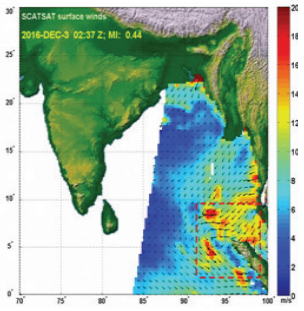
4.1.1 Nada Cyclonic Storm 2005

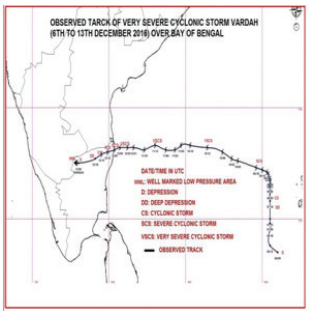
Under the influence of a trough, low pressure area formed in extreme southeast Bay of bengal. It slowly consolidated enough to be classified as a depression BOB 2005 on 29 November. This was followed by the Joint Typhoon Warning Center (JTWC) issuing a Tropical Cyclone Formation Alert (TCFA) for the 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 storm water drains to a length of 4.35 km, 2030 footpaths to a length of 21.3 km and 531 bus shelters were damaged.



Ayanavaram



Whites Road, Royapettah



Nandanam



Haddows Road



Thiru.Vi.Ka Bridge



Manali

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 co-ordination 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.

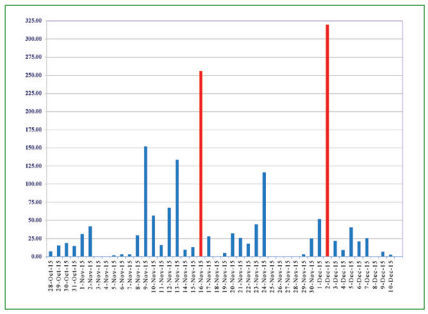
The detailed disaster management plan which has been detailed in this book for flood disaster will holds good for cyclone also.

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

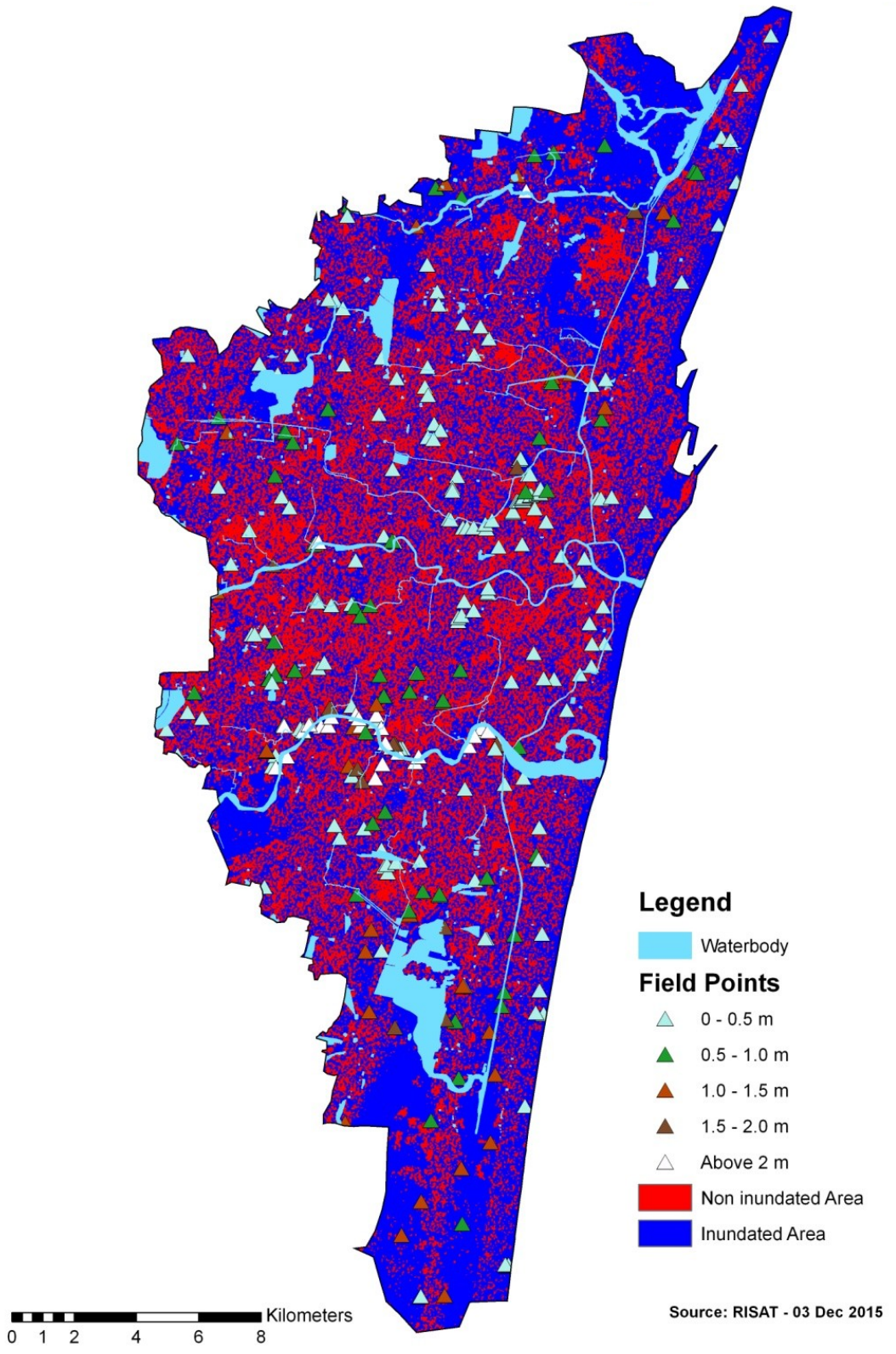


In Kanchipuram District out of 912 tanks 908 tanks were over flowing due to which excess water fed into Chembarambakkam lake through 170 drains causing flood in Adyar, Coovam rivers and link canals. Similarly in Kovalam basin 65 tanks were over flowing causing inundation in Sholinganallur and Perungudi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

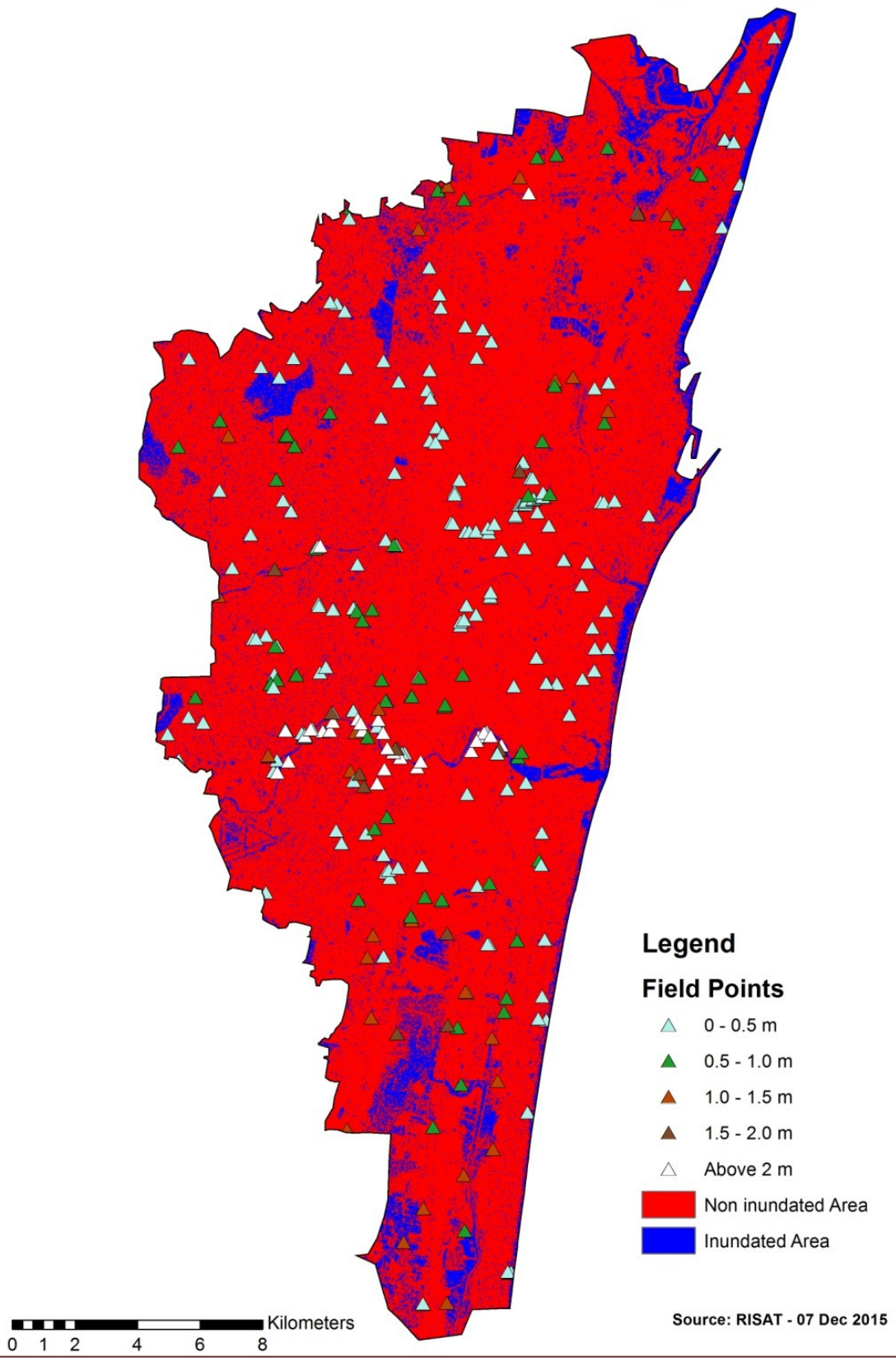
Some of the most affected areas are Mudichur, West Tambaram, Manapakkam, Saidapet, Jafferkhanpet, Kotturpuram etc. Many inundated areas were with more than 2 m height of water. The carrying capacity in Coovum and Buckingham canal exceeded beyond its designed capacity. Canals including 44 minor canals 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

Inundation on 3 Dec 2015



Inundation on 7 Dec 2015



Chronic Inundation Locations During Monsoon - 2015						
Sl. 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	II	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	XI	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 During Monsoon - 2015

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability 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 junc-tion)		Yes		
13	1	5	T.H. Road near Liftgate				Yes
14	1	6	Manali Express road, (Mul-lai 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 Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
28	4	41	Carnesh Nagar				Yes
29	4	45	Sundram Power Lane				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 storm water 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 storm water 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 Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability 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
70	6	68	Pallavan Street				Yes

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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 Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability 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			
125	9	117	South boug road		Yes		
126	9	117	Thirumalai pillai Street				Yes

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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		
151	9	122	Nandhanam extension 8th Street		Yes		
152	9	122	Nandhanam extension 9th Street		Yes		

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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 storm water drain at North Usman Road				Yes
170	9	113	Improvements of storm water 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		
177	10	127	100 feet road (junction of Kaliamman Koil Street)		Yes		
178	10	127	Kaliamman Koil Street (infront of police station)		Yes		

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
179	10	111 & 127	Construction of Storm water drain of size 900x900mm RCC Box type drain along Kaliamman koil street at Koyambedu 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 Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability 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 storm water drain along Ganapa-thi Colony from Thulasin-gapuram 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			
222	13	179	Kamatchiamman street - Annai Indra nagar	Yes			

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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 Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
248	13	177	Construction of RCC Box type storm water drain along EB colony 2nd street from EB colony main road to Radha Nagar extension main road		Yes		
249	13	177	Construction of storm water 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			
270	13	170	Chetti thottam	Yes			
271	13	170	Neruppumedu	Yes			

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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
295	14	188	LIC Nagar				Yes
296	14	188	Madipakkam Bus Stand				Yes

S.No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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, Neelankarai				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 storm water drain along Ist Avenue Main Road, Vettuvankeni				Yes
306	15	197	Lalbahadhur Sasthiri Street				Yes

Chronic Inundation Locations During Monsoon - 2017

Sl. 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			18	1	19
2	II				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	X				5	5
11	XI				1	1
12	XII				4	4
13	XIII				10	10
14	XIV			1	47	48
15	XV				6	6
Total		0	0	23	182	205

Depth of Inundation During Monsoon - 2017

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability 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	Gandhi nagar (Inside Market)			Yes	
7	I	6	Kalaignar nagar 9th street			Yes	
8	I	6	Manali express road			Yes	
9	I	7	Rajaji nagar VOC street			Yes	
10	I	7	Rajaji nagar sathyamoothy street			Yes	
11	I	7	Rajaji nagar Kirubananadavariyar street			Yes	
12	I	7	Rajaji nagar Muthuramalingam street			Yes	
13	I	7	Kargil nagar pumping station			Yes	
14	I	10	Nandhiodai			Yes	
15	I	11	T.H road (Opp. To Zonal office)			Yes	
16	I	12	BKN colony			Yes	
17	I	13	Varadarajan street (Govt. school)			Yes	
18	I	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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
31	III	22	Vegetarian Village				Yes
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	Purushothaman Ngr				Yes
43	III	24	Velumurugan 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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
60	III	32	NANDHA NAGAR				Yes
61	III	32	VENKATESWARA NAGAR				Yes
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				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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
91	V	53	C.B.Road				Yes
92	V	57	Prakasam Salai				Yes
93	V	58	Ritherdon road				Yes
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	Secratriate Colony 4nd Street				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	Sabari 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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
123	IX	111	Gopalapuram 1st street				Yes
124	IX	113	Prakasam Salai				Yes
125	IX	113	Nungambakkm High Road (Near Park Hotel)				Yes
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				Yes
134	X	136	Burkit Road				Yes
135	X	127	Kaliamman Koil street				Yes
136	X	131	R.K.Shanmugam Salai				Yes
137	XI	148	Thangal Karai, Periyar Nagar				Yes
138	XII	156	PANICHATHAMMAN 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 disposal - 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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
153	XIV	169	Ram Nager Ist st				Yes
154	XIV	169	Sivasubramaniyam st				Yes
155	XIV	169	Jaya Nagar				Yes
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	Arul murugan nagar 4th street				Yes
168	XIV	188	Veeramani Street				Yes
169	XIV	188	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

Sl. No	Zone	Ward	Location	Very High Vulnerability Above 5 Feet	High Vulnerability 3 to 5 Feet	Medium Vulnerability 2 to 3 Feet	Low Vulnerability less than 2 feet
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
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

Sl. 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	XI				2	2
6	XIV	_	_	_	17	17
7	XV	_	_	_	19	19
TOTAL				1	52	53

NORTH EAST MONSOON-2018

Depth of Inundation During Monsoon -2018

No of stagnation : 53 locations

Sl.No	Zone	Div	Location	Very high vulnerability Above 5 feet	High vulnerability 3 to 5 feet	Medium vulnerability 2 to 3 feet	Low vulnerability 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 VILLIVAK-KAM POLICE STATION				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
28	14	169	Annai Therasa nagar 7th street	_	_	_	Yes

Sl.No	Zone	Div	Location	Very high vulnerability Above 5 feet	High vulnerability 3 to 5 feet	Medium vulnerability 2 to 3 feet	Low vulnerability Less than 2 feet
29	14	169	Annai Therasa nagar 4st street	_	_	_	Yes
30	14	169	Annai Therasa nagar 14th street	_	_	_	Yes
31	14	169	Ramalingam nagar main road	_	_	_	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 Neelankarai	–	–	–	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 Nagar4th 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	–	–	–	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

Sl.No.	ZONE	No.of.Water Stagnation locations	Very High Vulnerability	High Vulnerability	Medium Vulnerability	Low Vulnerability	Total
1	I	1				1	1
2	II	0				0	0
3	III	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

Sl.No.	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 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	100 , 102	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	188 , 169 , 187	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

Sl. 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	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	X	2				2	2
11	XI	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

Sl.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 1st 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 3rd Main Road.				Yes
9	8	100	3rd Avenue, Anna Nagar				Yes
10	9	113	Habibullah Road				Yes
11	9	123	R.A Puram 1st Main Road				Yes
12	10	131	Rajammannar Salai & R.K. Shanmugam Salai.				Yes
13	10	136	Bazullah Road				Yes

Sl.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
14	11	143	Gajalakshmi Nagar Main Road & Gajalakshmi Nagar 5th 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 & 5th Street				Yes
19	13	180	MGR Main Road. Periyar Nagar, Tharaman				Yes
20	14	169	Ram Nagar 10th & 11th 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							
Sl.No.	ZONE	No.of.Water Stagnation locations	Very High Vulnerability	High Vulnerability	Medium Vulnerability	Low Vulnerability	Total
1	**I**	16			3	13	16
2	**II**	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	**X**	37		1	4	32	37
11	**XI**	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

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulner-ability 3 to 5 feet	Medium Vul-nerability 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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
36	3	25	Mahalakshmi Nagar				Yes	
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	
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 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	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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
75	3	33	Elizabeth Nagar				Yes	
76	3	33	Ganapathy jeeva Thootam				Yes	
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	
110	4	44	Manicka vinayagar koil street				Yes	
111	4	44	Nattal garden				Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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				Yes	
141	5	53	Srinivasapuram				Yes	
142	5	53	Bojaraja nagar				Yes	
143	5	53	Pensioners lane				Yes	
144	5	53	P.P.Amman koil 1st street				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				Yes	
149	5	53	P.P.Amman koil 6th street				Yes	
150	5	53	P.P.Amman koil 7th street				Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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	
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	
184	5	63	Cattle depot				Yes	
185	5	63	Narayana naicken street				Yes	
186	6	64	Perumdeviammal				Yes	
187	6	64	Ashoka Avenue				Yes	
188	6	64	Sivasakthi Nagar				Yes	
189	6	66	Jawahar nagar 1st main road			Yes		
190	6	66	Kumaran Nagar 4th street			Yes		

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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	
230	8	102	RV Nagar 4th Street				Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability 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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
345	11	147	Alapakkam Main Road Near Burial Ground				Yes	
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,South,North)				Yes	
377	12	161	Sanjay Gandhi Nagar				Yes	
378	12	161	Jeevan Nagar 2nd Street				Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
379	12	162	Kannan Colony				Yes	
380	12	163	shanthi nagar 5th street				Yes	
381	12	163	shanthi nagar 7th street				Yes	
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	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	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	
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			

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
415	13	178	Srinivasapuram			Yes		
416	13	178	ACS Colony			Yes		
417	13	178	Orandiamman Avenue		Yes			
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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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		
458	14	183	Nehru nagar 10th, 12th & 14th Street				Yes	
459	14	183	Jaganathan Street		Yes			
460	14	183	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				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	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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	
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			Yes		
502	14	190	Chettinadu Enclave			Yes		
503	14	190	Chittibabu 4th Cross Street				Yes	
504	14	190	Chittibabu 8th Cross Street				Yes	
505	14	190	Veerasamy Nagar				Yes	
506	14	190	Sree Nagar				Yes	
507	14	190	Pasumpon Nagar				Yes	
508	14	190	Pandiyan 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	15	194	Srividhya Avenue				Yes	
525	15	194	Eswaran Street				Yes	
526	15	195	Kannagi Nagar 19th Cross street				Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
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	
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			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

Sl. 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
Total		-	1	8	28	37

Depth of Inundation During Monsoon -2022

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
1	1	4	Jothi nagar 10th Street	-	-		Yes	
2	7	80	Vairakulam street	-	-		Yes	
3	7	80	Thirumalai priya nagar 16th street	-	-		Yes	
4	7	83	Highways nagar	-	-		Yes	
5	7	83	Ganesh Nagar	-	-		Yes	
6	7	84	North Avenue Road	-	-		Yes	
7	7	84	TNHB 61st Street	-	-		Yes	
8	7	84	Periyar Nagar	-	-		Yes	
9	7	84	Central Avenue Road	-	-		Yes	
10	7	84	TNHB 26st Street	-	-		Yes	
11	7	84	Bajanaikovil Street Pattarav-akkam	-	-		Yes	
12	7	84	Duraisam street	-	-		Yes	
13	7	85	Pattravakkam Road	-	-		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	-	-		Yes	
18	8	97	Bharathi Nagar	-	-		Yes	
19	8	98	V P Colony	-	-		Yes	
20	8	98	Police Manickkam Street	-	-		Yes	
21	8	98	Parthasarthy Street	-	-		Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet	Vulnerability Status
22	15	194	Royal Enclave	-	-		Yes	
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	-		

Vulnerable Locations During Monsoon-2023

Sl.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	0	0	2	0	2
2	II	0	0	1	1	2
3	III	0	0	0	2	2
4	IV	0	0	0	3	3
5	V	0	0	0	2	2
6	VI	0	1	2	1	4
7	VII	0	0	0	0	NIL
8	VIII	0	0	0	0	NIL
9	IX	0	1	1	1	3
10	X	0	0	0	1	1
11	XI	0	0	1	5	6
12	XII	0	0	1	2	3
13	XIII	0	1	1	1	3
14	XIV	0	0	2	0	2
15	XV	0	1	1	0	2
Total						35

Depth of Inundation During Monsoon -2023

Sl.No	Zone	Ward	Location
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	Angalammam 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

Sl.No	Zone	Ward	Location
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

Vulnerable Locations During Monsoon-2024

Sl. 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	0	0	0	7	7
2	II	0	3	1	1	5
3	III	0	0	1	7	8
4	IV	0	0	7	2	9
5	V	0	0	0	4	4
6	VI	0	0	12	0	12
7	VII	0	0	2	0	2
8	VIII	0	0	9	1	10
9	IX	0	0	7	0	7
10	X	0	0	1	0	1
11	XI	0	0	1	1	2
12	XII	0	0	0	1	1
13	XIII	0	0	2	2	4
14	XIV	0	0	6	5	11
15	XV	0	0	1	3	4
TOTAL		0	3	50	34	87

Depth of Inundation During Monsoon -2024

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
1	1	2	Thilagar Nagar				Yes
2	1	3	AnnaiSivagami Nagar				Yes
3	1	7	Anna Nagar				Yes
4	1	7	Periyar Nagar				Yes
5	1	12	Railway culvert - 36, Srinivasapuram				Yes
6	1	7	VettriVinayagar Nagar				Yes
7	1	4	Mettu Street				Yes
8	2	15	ChinnaEchankuzhi		Yes		
9	2	18	Sabapathy Street				Yes
10	2	19	Srinivasan Nagar		Yes		
11	2	21	TPP Salai			Yes	
12	2	19	Chinnasamy street		Yes		
13	3	17	Vadaperumbakkam (300 m highway)			Yes	
14	3	23	Gurushanthi Nagar				Yes
15	3	23	MRH Road				Yes
16	3	23	Vegetarian Village				Yes
17	3	24	Balaji Nagar				Yes
18	3	28	AnnaiSathya Nagar				Yes
19	3	28	T.V.K Street				Yes
20	3	32	Lakshmiamman Nagar				Yes
21	4	37	Mullai Nagar			Yes	
22	4	41	AnnaiSathya Nagar			Yes	
23	4	41	MGR Nagar			Yes	
24	4	41	Nehru Nagar			Yes	
25	4	44	Kasthuribai street				Yes

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
26	4	45	AA Road			Yes	
27	4	45	BB Road			Yes	
28	4	45	Ganesapuram subway			Yes	
29	4	46	Bala Krishna street				Yes
30	5	53	Mint modern city				Yes
31	5	52	KannanRoundana				Yes
32	5	50	South Madha street				Yes
33	5	61	Ayyasami Street				Yes
34	6	64	ViveKandhanan Nagar			Yes	
35	6	65	Kanagi Nagar			Yes	
36	6	67 & 70	Paper mills Road			Yes	
37	6	67	PallavanSalai			Yes	
38	6	69	Sivagami Street			Yes	
39	6	71	Perambur subway			Yes	
40	6	71	Ganesapuram subway			Yes	
41	6	72	Kannigapuram joseph Street &Kannigapuram 1to 7th street Doss Nagar 1 to 8 th Street			Yes	
42	6	73	Decastor Road			Yes	
43	6	73	Stephenson Road			Yes	
44	6	76	AngamalanKoil street			Yes	
45	6	76, 77 & 78	PeramburBaracks road, KM Garden, Thattangulam, Rajathottam, Astabujam street, Rangaiahstreet,V.VKoilStreet, Tana Street			Yes	
46	7	84	North Avenue Canal			Yes	
47	7	84	TNHB 25th Street			Yes	
48	8	95	AmbedkarSalai Near LC1 Bridge			Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
49	8	99	Purasaiwakkam High Road & Millers Road			Yes	
50	8	99	Thideer Nagar				Yes
51	8	105	100 Feet Road Near Arumbakkam Metro Station			Yes	
52	8	102	Anna Nagar (S block, Q Block, 3rd ,5th and 6th Avenue)			Yes	
53	8	103	2nd Avenue			Yes	
54	8	105	Ashoka Street, Kannagi Street			Yes	
55	8	105	Water Tank Road, Razack Garden Road, E-Block MMDA Colony			Yes	
56	8	106	Muvendar Nagar, Nehru street			Yes	
57	8	106	100 feet Road TamilarVeedhi, MMDA Colony main road, Kamala Nehru Nagar, Indra Gandhi Street			Yes	
58	9	113	North Ushman Road (In and around)			Yes	
59	9	113	Valluvarkottam high Road			Yes	
60	9	115	Dr.Besant Road			Yes	
61	9	118	Stella Maris : Venus Colony 1st Street , Venus Colny 2nd Street, KasthuriRangan Road and SrimanSrinivasan Road			Yes	
62	9	121	P.S.SivaswamySalai, Indraniammal Street, Nagarathinammal Colony			Yes	
63	9	121	Rangaiah Garden, Royapettah High Road, Brinthavanam Street and Balakrishnan Street			Yes	
64	9	122	Chamiers Road			Yes	
65	10	130	100 Feet road, Vadapalani Near Namma veedu vasantha Bhavan			Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
66	11	143	VAO Office Nolambur			Yes	
67	11	143	Sriram Nagar Nolmbur				Yes
68	12	165	Saraswathi Nagar				Yes
69	13	179	Kamaraj Nagar 3rd street				Yes
70	13	178	CSIR Ascenders office				Yes
71	13	176	AGS Colony and Kalki Nagar			Yes	
72	13	172 & 178	Places abutting huge catch-ment areas like furlong road of MRC, IIT and Rajbhavan abutting area			Yes	
73	14	183	Mayanasalai			Yes	
74	14	184	Kamarajnagar 1st main road				Yes
75	14	188	Govindan 1st street				Yes
76	14	188	Rajaji Nagar 3rd cross street			Yes	
77	14	188	Guberannagarextn, 7th street			Yes	
78	14	189	Perumal Nagar			Yes	
79	14	189	Kamarajar Street			Yes	
80	14	182	WTC				Yes
81	14	182	KanThanchavadi junction of MGR Salai				Yes
82	14	189	Kamakshi Nagar, Pallikaranai				Yes
83	14	182	OMR stretch			Yes	
84	15	194	Royal Enclave			Yes	
85	15	193	Thoraipakkam BSR mall be-cause of CMRL work				Yes
86	15	193	Vembuliamman Street				Yes
87	15	193	Thoraipakkam				Yes

NORTH EAST MONSOON-2025

Inundation Location During Monsoon - 2025

Sl. 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				5	5
2	II		3		2	5
3	III			1	5	6
4	IV		1	6	2	9
5	V					0
6	VI		3	9		12
	VII			2		2
	VIII		1	5	1	7
	IX		3	3		6
	X			1		1
	XI			1	1	2
	XII				1	1
	XIII		1	1	2	4
	XIV		2	4	5	11
	XV		1		3	4
Total						**75**

Depth of Inundation During Monsoon -2025

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
1	1	3	Annai Sivagami Nagar				Yes
2	1	7	Anna Nagar				Yes
3	1	7	Periyar Nagar				Yes
4	1	12	Railway culvert - 36, Srinivasapuram				Yes
5	1	7	Vettri Vinayagar Nagar				Yes
6	2	15	Chinna Echankuzhi		Yes		
7	2	18	Sabapathy Street				Yes
8	2	19	Srinivasan Nagar		Yes		
9	2	21	TPP Salai			Yes	
10	2	19	Chinnasamy street		Yes		
11	3	17	Vadaperumbakkam (300 m highway)			Yes	
12	3	23	Gurushanthi Nagar				Yes
13	3	23	MRH Road				Yes
14	3	23	Vegetarian Village				Yes
15	3	24	Balaji Nagar				Yes
16	3	32	Lakshmiamman Nagar				Yes
17	4	37	Mullai Nagar			Yes	
18	4	41	Annai Sathya Nagar			Yes	
19	4	41	MGR Nagar			Yes	
20	4	41	Nehru Nagar			Yes	
21	4	44	Kasthuribai street				Yes
22	4	45	AA Road			Yes	
23	4	45	BB Road			Yes	
24	4	45	Ganesapuram subway		Yes		
25	4	46	Bala Krishna street				Yes

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
26	6	64	Vivekandhanan Nagar			Yes	
27	6	65	Kanagi Nagar			Yes	
28	6	67 & 70	Paper mills Road			Yes	
29	6	67	Pallavan Salai			Yes	
30	6	69	Sivagami Street			Yes	
31	6	71	Perambur subway		Yes		
32	6	71	Ganesapuram subway		Yes		
33	6	72	Kannigapuram joseph Street & Kannigapuram 1to 7th street Doss Nagar 1 to 8 th Street			Yes	
34	6	73	Decastor Road			Yes	
35	6	73	Stephenson Road			Yes	
36	6	76	Angamalan Koil street		Yes		
37	6	76, 77 & 78	Perambur Baracks road, KM Garden, Thattangulam, Rajathottam, Astabujam street, Rangaiah street,V.V Koil Street,Tana Street			Yes	
38	7	84	North Avenue Canal			Yes	
39	7	84	TNHB 25th Street			Yes	
40	8	95	Ambedkar Salai Near LC1 Bridge			Yes	
41	8	99	Purasaiwakkam High Road & Millers Road			Yes	
42	8	99	Thideer Nagar				Yes
43	8	105	100 Feet Road Near Arumbakkam Metro Station			Yes	
44	8	102	Anna Nagar (S block, Q Block, 3rd ,5th and 6th Avenue)			Yes	
45	8	103	2nd Avenue			Yes	

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
46	8	105 &106	Choolaimedu , MMDA Colony : Amaravathy Nagar, Indira Gandhi Street, Panchali Amman Koil Street, Ashoka street, Water tank road, Razack Garden Road, Muvendar Nagar, Tamilar Veedhi, Kannagi street,Rajiv Gandhi Street, 100 Feet Road Near Arumbakkam Metro Station, MMDA Colony Main Road, E Block MMDA Colony, Nehru street,Kamala nehru nagar, Indira Gandhi Street.		Yes		
47	9	113	North Ushman Road (In and around)			Yes	
48	9	113	Valluvar kottam high Road		Yes		
49	9	115	Dr.Besant Road			Yes	
50	9	118	Stella Maris : Venus Colony 1st Street , Venus Colny 2nd Street, Kasthuri Rangan Road and Sriman Srinivasan Road		Yes		
51	9	121	P.S.Sivaswamy Salai, Indraniammal Street, Nagarathinammal Colony and Rangaiah Garden, Royapettah High Road, Brinthavanam Street and Balakrishnan Street		Yes		
52	9	122	Chamiers Road			Yes	
53	10	130	100 Feet road, Vadapalani Near Nammaveedu vasantha Bhavan			Yes	
54	11	143	VAO Office Nolambur			Yes	
55	11	143	Sriram Nagar Nolmbur				Yes
56	12	165	Saraswathi Nagar				Yes
57	13	179	Kamaraj Nagar 3rd street				Yes
58	13	178	CSIR Ascenders office				Yes

Sl.No	Zone	Ward	Location	Very High Vulnerability Above 5 feet	High Vulnerability 3 to 5 feet	Medium Vulnerability 2 to 3 feet	Low Vulnerability less than 2 feet
59	13	176	AGS Colony and Kalki Nagar		Yes		
60	13	172 & 178	Places abutting huge catchment areas like furlong road of MRC, IIT and Rajbhavan abutting area			Yes	
61	14	183	Mayana salai			Yes	
62	14	184	Kamarajar nagar 1st main road				Yes
63	14	188	Govindan 1st street				Yes
64	14	188	Rajaji Nagar 3rd cross street			Yes	
65	14	188	Guberan nagar extn, 7th street			Yes	
66	14	189	Perumal Nagar		Yes		
67	14	189	Kamarajar Street		Yes		
68	14	182	WTC				Yes
69	14	182	Kanthanchavadi junction of MGR Salai				Yes
70	14	189	Kamakshi Nagar, Pallikaranai				Yes
71	14	182	OMR stretch			Yes	
72	15	196	Kannagi nagar				Yes
73	15	194	Royal Enclave		Yes		
74	15	193	Thoraipakkam BSR mall because of CMRL work				Yes
75	15	193	Vembuliamman Street, Thoraipakkam				Yes

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.

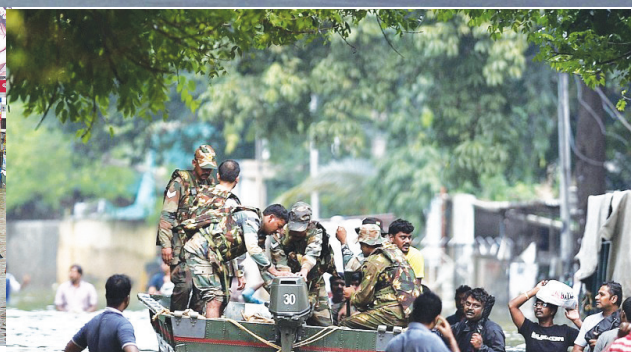




Flooded Area



Velachery flooded area



Chennai Flood Relief Army Force



Pump set deployed in subways



Residents 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.






JCB
NDRF

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.

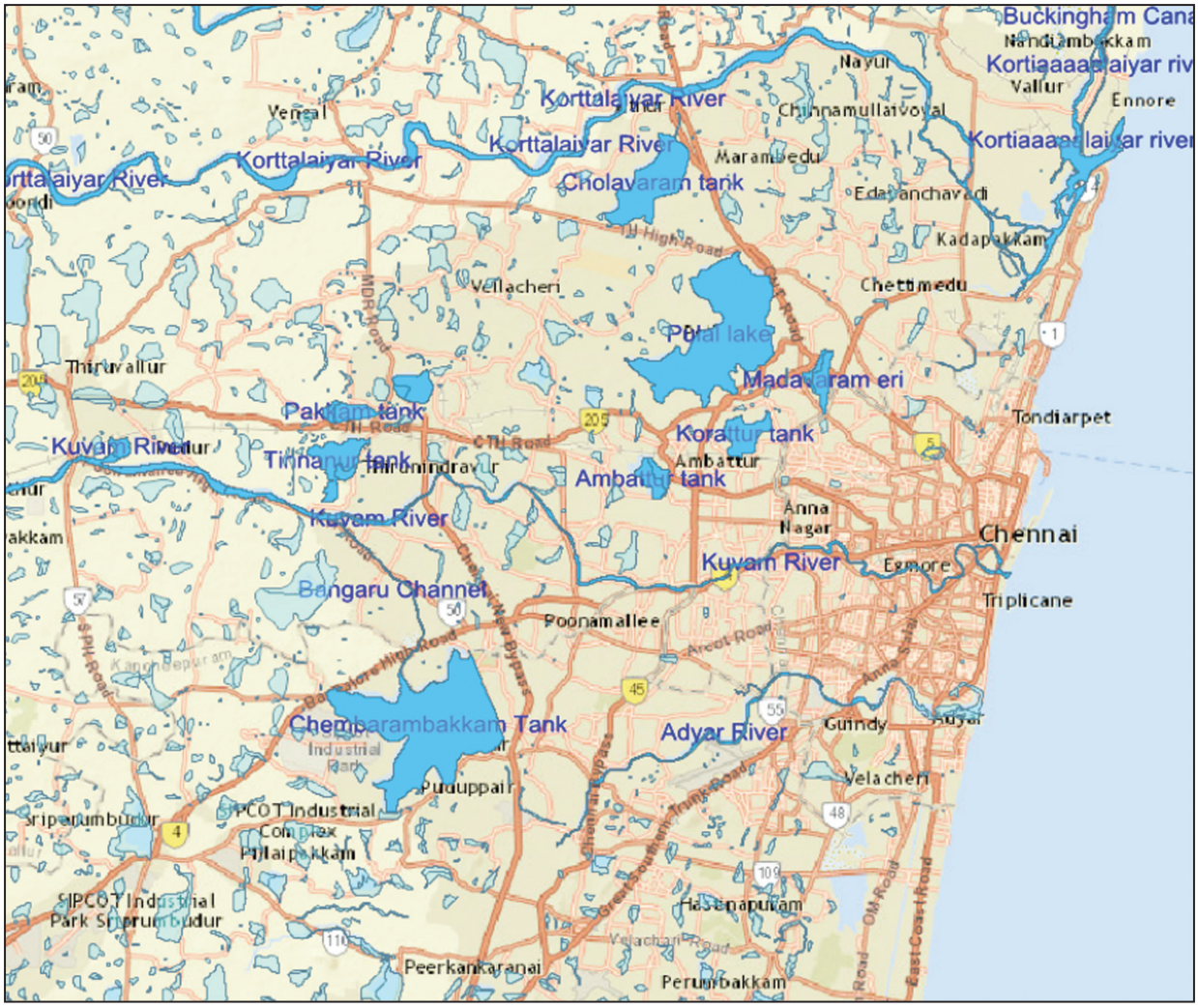
The biggest challenge to GCC after receding flood water was to remove the garbage with sludges from the roads and streets. And every day the residents were throwing huge quantity of damaged house hold articles/debris on roads/streets. The GCC could not handle the situation with its own conservancy labours 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.

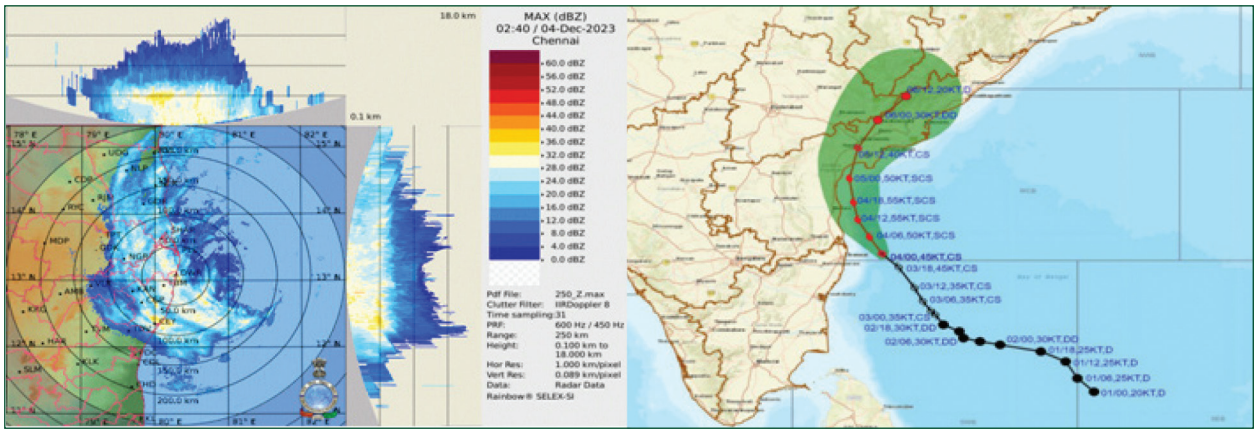
Chennai has experienced many floods during the last three decades. The reasons for flood in the city shall be narrowed down as follows

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 storm water drain in Highways and other roads.
5. Lack of continuous connectivity of storm water drainages with macro drainage and absence of storm water 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



4.4 FENGAL CYCLONE 2024

4.4.1 Introduction :

The North East Monsoon commenced in mid-October 2024, resulting in significant rainfall and widespread flooding in Chennai city. As of 2nd December 2024, Chennai recorded a cumulative rainfall of 702.45 mm, with an average of 10.90 cm of rainfall between 30th November and 1st December 2024. During this period, 342 locations across the city were inundated, with the worst-affected areas being Kolathur, Purasawalkkam, Mambalam, Royapuram, Korukkupettai, Thiruvotriyur Kargil Nagar, Madipakkam, Pulianthope, and Semmancherry.

4.4.2 Response Measures:

In response to the waterlogging and inundation, the Greater Chennai Corporation (GCC) mobilized significant resources to mitigate the effects and provide relief to affected residents. The following measures were implemented:

4.4.3 Motor Pumps Deployed:

A total of 1,686 motor pumps were deployed, including 113 high-capacity 100 HP pumps and 466 tractor-mounted pumps, to remove excess water from the affected areas.

4.4. 4 Heavy Machinery:

489 machines, including hydraulic tree cutters and ladders, were put into service to address infrastructural damage and assist in flood relief operations.

4.4. 5 Relief Centers:

The GCC established 66 relief centers, equipped with food, drinking water, electricity, and sanitation facilities, to accommodate 7,400 displaced individuals.

4.4. 6 Food Packets Distributed:

During the Fengal cyclone, a total of 12,06,937 no’s of food packets were distributed in relief centers and vulnerable low-lying areas. City Disaster Management Plan GCC

4.4.7 Removal of fallen trees

- Two vehicle mounted power saws, 264 Petrol run portable power saws and 8 electrical power saws are kept ready at Zonal level.
- A night duty team will be kept ready at each zone for immediate removal of fallen trees
- 18 mobile high mast lights will be kept ready for night works 22000 nos. of trees were pruned for monsoon preparedness.

4.5 Monsoon 2025

4.5.1 Introduction

The North East Monsoon commenced in mid-October 2025, resulting in significant rainfall and widespread flooding in Chennai city. In October to December 2025, Chennai recorded a cumulative rainfall of 724.5 mm. Chennai recorded high rainfall on 2nd December and 3rd December, 2025 due to Ditwah cyclone. During this period, 75 locations across the city were inundated, with the worst-affected areas as noted in the table listed under 4.2.

4.5.2 Response Measures:

In response to the waterlogging and inundation, the Greater Chennai Corporation (GCC) mobilized significant resources to mitigate the effects and provide relief to affected residents.

The following measures were implemented:

4.5.3 Motor Pumps Deployed:

In all 15 zones of the Greater Chennai Corporation, a total of 1,496 motor pumps of various capacities were kept ready for dewatering waterlogged areas. This includes 170 numbers of 100 HP motor pumps and pumps mounted on 550 tractors, among others.

4.5.4 Heavy Machinery:

A total of 478 vehicles and machinery were kept ready, including 2 amphibious vehicles, 3 amphibious excavators, 6 robotic excavators for multipurpose use, 3 mini-amphibious vehicles and 7 super sucker vehicles, along with 15 powerful tree-branch removal vehicles.

For clearing fallen trees in Greater Chennai Corporation areas, 457 tree-cutting machines/equipment were kept ready, comprising 15 hydraulic tree-cutting machine vehicles, 2 hydraulic ladders, 224 portable tree-cutting saws and 216 telescopic tree-cutting machines.

4.5.5 Relief Centers:

On behalf of the Greater Chennai Corporation, 215 relief centres were kept ready. Food, sanitation and drinking water facilities were arranged at these centres. 111 community kitchens and Amma Unavagams were kept ready to facilitate the supply of food to the relief centres and affected areas.

4.5.6 Food Packets Distributed:

Due to Cyclone Ditwah and the associated rainfall, food was prepared in the 111 decentralised cooking centers and Amma Unavagams in each zone and 17,50,250 food packets were distributed cumulatively from 30.11.25 to 3.12.25. .

4.5.7 Other Measures

- To prevent the spread of infections among the public, 2,954 stationary and mobile special monsoon medical camps were conducted from 17.10.2025 to 02.12.2025, benefiting 1,20,998 persons. Special monsoon medical camps were conducted at 103 locations everyday .
- 107 boats were kept ready for evacuating people from low-lying areas and accommodating them in relief centres. Of these, 36 boats had been procured and are owned by the Greater Chennai Corporation.
- 300 personnel from the National Disaster Response Force (NDRF) and 50 personnel from the State Disaster Response Force (SDRF) were kept ready.

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.

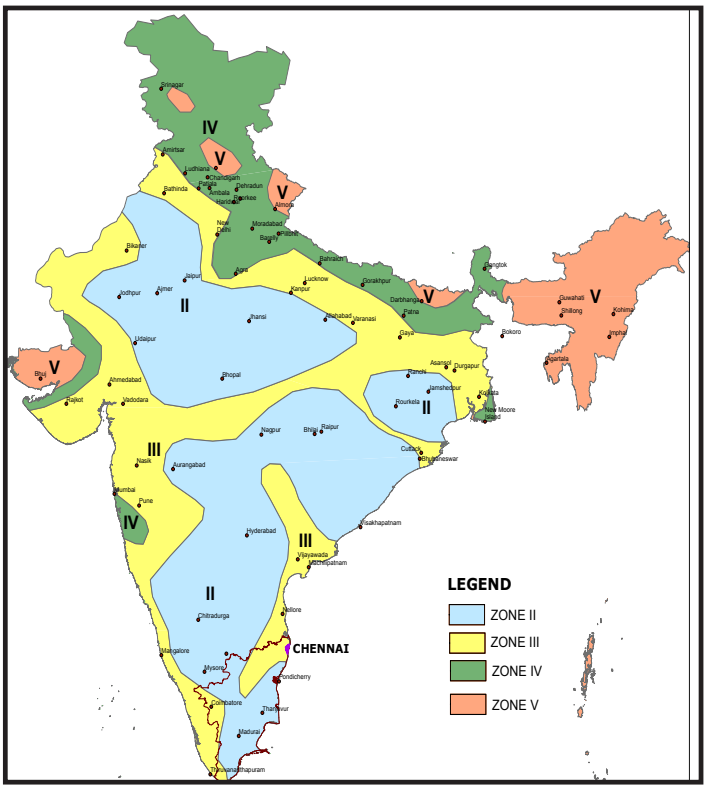
The probability of an earthquake can be roughly estimated, there is no

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.

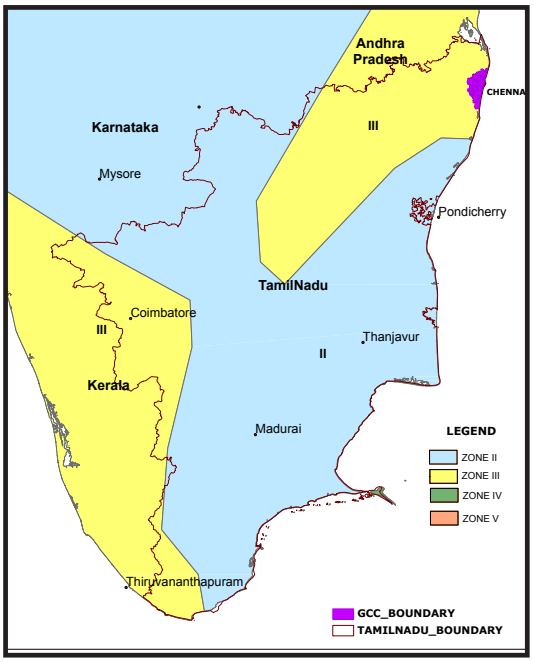
Seismic zone	Magnitude	Probable max. intensity	Probable Impact
II	Below 4.5	VI	Felt by all many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight
III	4.5 - 5.5	VII	Damage negligible in buildings of good design and Construction; slight to moderate in well built ordinary 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.
- Identify 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.

Zone	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

Zone	Ward	Name/Location of Play Ground
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

Zone	Ward	Name/Location of Play Ground
4	36	16th West Cross Street MKB Nagar
4	36	18th West Cross street MKB nagar
4	36	Vasugi nagar
4	37	3rd 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
4	46	Sathyamoorthy naagr main road
4	48	Kanni Koil street
5	52	Cementry Road Near Metro Water Office Area-5
5	52	OSH Road, Royapuram, Near Stanly Hospital
5	55	Barracks 1st Lane Near Stanly Hospital
5	58	Thirunarayanaguru salai
5	61	Vengu street
5	61	Sami (R) Puram - Rangachari 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
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, Thiruvaluvar 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

Zone	Ward	Name/Location of Play Ground
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.F.-Block Ist Street
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
8	107	Mayor Ramanathan Salai
8	107	Brindavanam 1st Street
8	108	R-Block, Elango Street, M.M.D.A.Colony, Arumbakkam
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, Gopalapuram 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

Zone	Ward	Name/Location of Play Ground
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
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
10	138	Thiru Nagar Ganaolivu 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
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

Zone	Ward	Name/Location of Play Ground
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
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 IIIcross 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, Sanjay 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
13	181	Lakshmi puram, Muthulakshmi 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
14	169	Sheela Nagar 1st street
14	183	AGS Colony, Beach
14	183	Jaganathan Street

Zone	Ward	Name/Location of Play Ground
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.

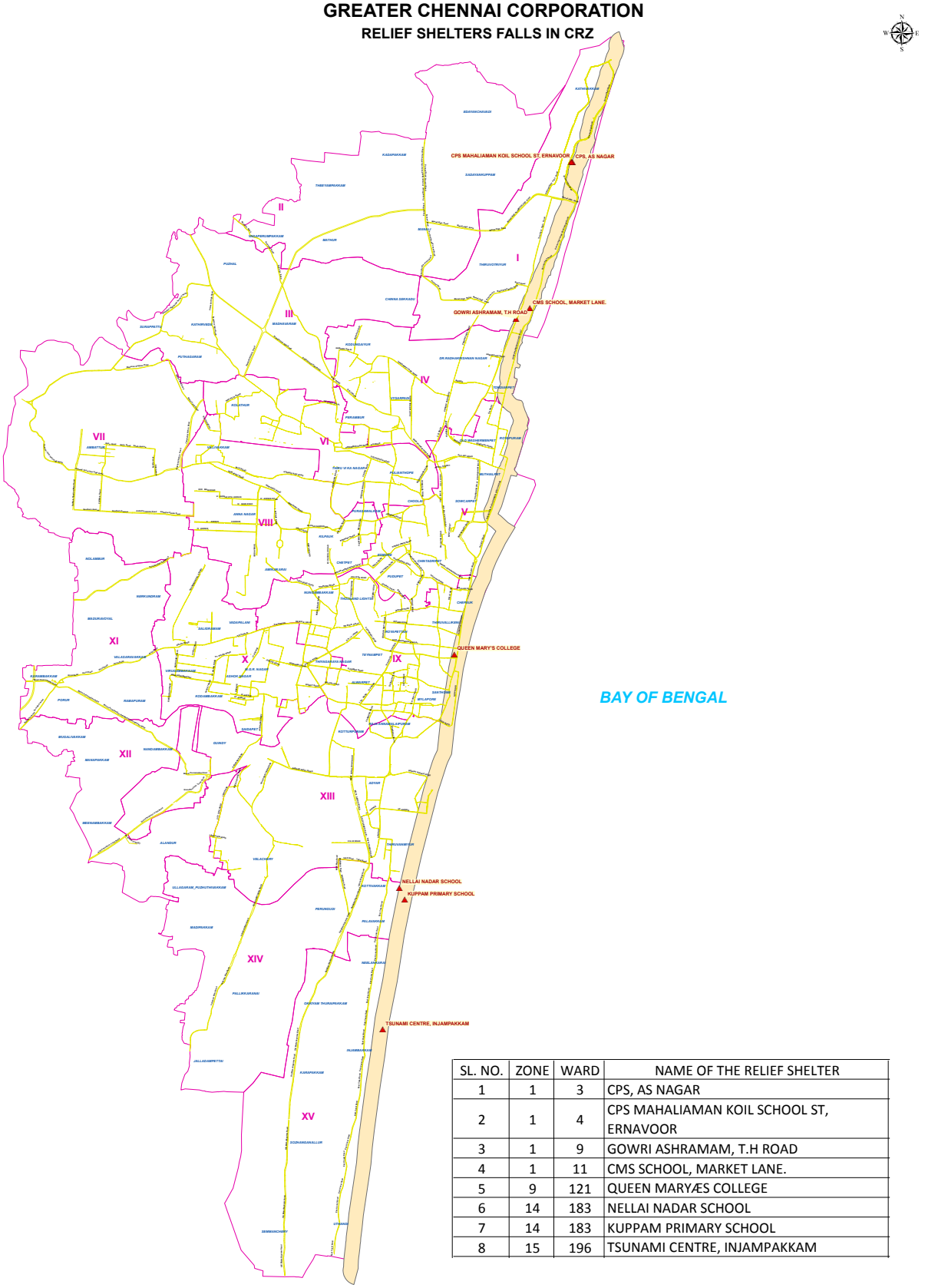
5.2.1 Tsunami in Bay of Bengal

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.

GREATER CHENNAI CORPORATION

RELIEF SHELTERS FALLS IN CRZ



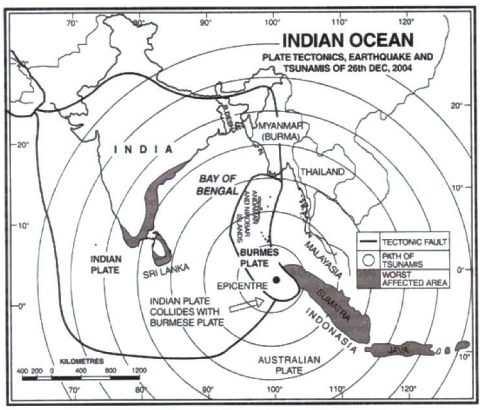
SL. NO.	ZONE	WARD	NAME OF THE RELIEF SHELTER
1	1	3	CPS, AS NAGAR
2	1	4	CPS MAHALIAMAN KOIL SCHOOL ST, ERNAVOOR
3	1	9	GOWRI ASHRAMAM, T.H ROAD
4	1	11	CMS SCHOOL, MARKET LANE.
5	9	121	QUEEN MARYÆS COLLEGE
6	14	183	NELLAI NADAR SCHOOL
7	14	183	KUPPAM PRIMARY SCHOOL
8	15	196	TSUNAMI CENTRE, INJAMPAKKAM

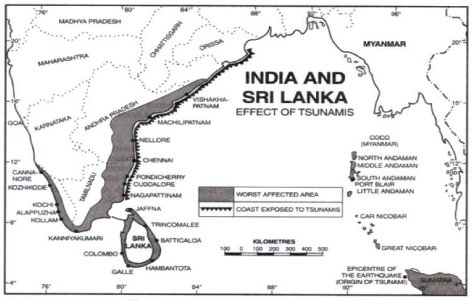
▲ RELIEF SHELTER CRZ ZONE BOUNDARY

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,92.5o 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, a Flood 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-equipped SEOC 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 the Coastal Flood Warning System for Chennai (CFLOWS-Chennai), whichhas been developed for Chennai. The Chennai Flood Warning System, aproject initiated by the office of the Principal Scientific 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 disaster-warning 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 storm water 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.

Major areas identified for mainstreaming risk concerns into developmental plans

During the period 2018-2030, 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,
4. 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, storm water 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 area is given 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.

Sl.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 storm water 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.

Sl.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 storm water drain and canal. The table shows the preparedness of Water stagnation locations in pre monsoon and during rain.

Sl.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 Storm water 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 storm water drains.
7	Break the top slabs and desilt the SWD where chronic obstruction is noted and cover with precast slab.
8	Missing link of storm water 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 relief centers across the city zone wise 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	Actions to be taken during rain
• 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.	• Receive VVIP's / VIP's / NGO's at relief centre and explain to them.
• Identification of place for storage of provision materials/ vegetables	
• Keep ready Vehicle arrangements with sufficient labourers for food Distribution to all required places.	

• 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.
• Deploy Police	

8.4 Common kitchen / Cooking Centres

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

The Cooking Centeres 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 Cooking Centeres 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 24 subways in Chennai city of which GCC maintains 19 subways (Sl.No. 1 to 19) and 5 subways (Sl.No. 20 to 24) 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.

List of Subways maintained by GCC and Highways			
S.N	Zone	Dn. No.	Name of the Subway
Subways maintained by GCC			
1	I	5	Manickam Nagar Limited Use Subway
2	V	60	RBI Subway
3	V	61	Gengu Reddy Subway
4	V	52	M.C. Road (Stanely) Subway
5	V	53	C.B. Road Subway
6	V	53	Bhojaraja Nagar Subway
7	VI	71	Ganeshapuram Subway
8	VI	71	Perambur Subway
9	VII	84	Korattur Subway
10	VIII	94	Villivakkam Subway
11	VIII	108	Harrington Subway
12	IX	109	Nungambakkam Subway
13	X	134	Madley Subway
14	X	133	Duraisamy Subway
15	X	132	Rangarajapuram Two wheeler Subway
16	X	142	Jones Road Subway
17	X	142	Bazar Road Subway
18	XII	162	Pazhavanthangal subway
19	XIII	169	Aranganathan Subway
Subways maintained by Highways			
20	I	1	Katthivakkam High Road(ROB)
21	IV	46	Vyasarpadi Subway(ROB)
22	XII	161	Mount subway
23	XII	162	Thillaiganga Nagar Subway
24	XII	166	Meenambakkam 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 the subway.	• Keep sufficient stock of diesel, petrol, oil, grease.
	• Keep GENSET in ready condition.
Measures before Monsoon	Actions to be taken during rain
• De-silting collector well.	• Ensure Starting handle availability.
	• Check condition of foot valve /suction valve.
• Disposal channel to be de-silted and free flow in its route to be ensured	• Check the metallic rope in pump.
	• Carryout trial run of pumps.
• Service lanes in subway to be cleaned.	• Mark danger water levels in red paint on both sides of subway above which the subway should be closed for traffic.

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 for 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 for 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
• Trees at low level touching overhead TANGEDCO line to be reported	• First priority is to restore traffic movements
	• Deploy Private Contractors where ever required to clear fallen trees
	• 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 ready for operation.	• High capacity HP pumps to be kept at ready state
	• 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 storm water 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, relief centres, UPHC & officers.	• Ensure the operation of substation in wards.
	• Electrician labourers to be kept ready during night times
• Details of one of more private contractors for providing temporary power supply and lights to be maintained.	• Night patrolling of street lights.
	• Instruction to be given to electrical in-charge for preparing duty arrangement.
	• Engaging private contractor for arrangements of DG set .
• Keep sufficient labourers to attend complaints regarding lighting.	• Power Supply.
	• 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 lighting 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:

i. 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 347 Medical Officers and 2424 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. 498 sprayers are engaged for this activity.
5. 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 storm water drain networks and canals periodically.
7. The concerned sanitary officers and santitary 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.
9. 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 powder in S.I Office.	• Fogging to be done
	• Spray disinfectant in water logged streets.
• UPHCS to be kept ready	• Supervise sector programme.
	• Chlorine level to be maintained.
	• Fogging operation to be intensified.
• Sector ALO work to be strangled.	• Analysing the trend of diseases in UPHCS – op
	• Administer DT Vaccination to employees.
• Intensify fogging activities.	• Give bleaching powder to each family.
	• Spray disinfectant to all streets.
• Clean SWD blocks	• Check chlorine level in all water lorries.
	• 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.
	• Arrange food for the medical team,
• Distribute Mask hand cloves / boot to labours.	• Keep the BGs in open and ensure labourers availability there.
	• Give masks, hand cloves, boots to sanitation employees.

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

i. 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)

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

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

Sl. no	Hospital Name	Place	Contact No.
1	Pulianthope ABC Center	Thatankulam	9080103283
2	Llyods Colony ABC Center	Royapettai	9080683096
3	Kannammapet ABC Center	T.Nagar	9445194746
4	Meenambakkam ABC Center	Nanganallur	9597093498
5	Sholinganallur ABC Center	Sholinganallur	9787575698
6	Thiruvottiyur ABC Center	Buckingham canal Road	8608558538
7	Chettimedu ABC Center (Zone - 2)	Vadaperumbakkam	9080131223
8	Chettimedu ABC Center (Zone - 4)	Vadaperumbakkam	6383163550
9	Madhavaram ABC Center	Madhavaram	7401685832
10	Kannappar Thidal	Kannappar thidal	8939555837
11	Perungudi	Pallikaranai	9486573231
12	Nandambakkam	Nandhambakkam	9894372656
13	Pallikaranai	Perungudi	9791873623
14	Government Veterinary Hospital	Saidapet	04424352478
15	TANUVAS Veterinary Hospital	Vepery	04425304000
16	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 storm water 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.
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.

S. NO	DEPARTMENT	MITIGATION PLAN
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 of GCC during monsoon period for coordination.
5	Highways & Rural Works Department	Blockages below the culverts/ Bridges along the water ways has to be removed. Storm water 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.
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.

S. NO	DEPARTMENT	MITIGATION PLAN
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 storm water drain within slum tenements area, clearing debris & garbage.
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.

S. NO	DEPARTMENT	MITIGATION PLAN
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 Storm Water Drains

In order to prevent flooding in the city, Greater Chennai Corporation maintains the storm water drain network to a total length of 3041 km. Besides, this, the Greater Chennai Corporation also maintains 44 canals for a total length of 81 km, which include Kodungaiyur Canal, Captain Cotton Canal, Padikuppam Canal and other canals.

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 1370 km of Integrated Storm Water Drain network.

In first phase, Construction of Integrated Storm Water 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 Storm Water Drain in Kovalam basin in M1,M2 components has to be taken up for a length of 310 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 Storm water Drain Network in Kosasthalaiyar Basin to a length of 652 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 storm water 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 storm water drain in the surrounding areas to a total length of 4.18 km and all the storm water drain works have been completed after carrying out the resettlement of the 370 slum families encroached over the Arch drain in the TNUHDB 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 and final report submitted on 06.03.2023.

As per the recommendations in all the reports, 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 storm water 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 for a length of 289 km will benefit the adjoining area, will give an appealing look to Chennai City.

9.7 Maintenance of Waterbodies and Urban Lakes

There are 245 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 245 waterbodies, Restoration of Waterbodies have been completed under various funds such as smart city fund, Capital fund, CSR fund and CMCDM fund, Namakku namme thittam, Singara Chennai 2.0 fund. Reporation of 5 waterbodies have been taken up under AMRUT scheme and works have been completed. Eco restoration of Kadapakkam lake has been taken up under GEF grant of ADB and works are in progress. Additional improvements to 9 waterbodies have been taken up under capital fund. Works are in progeress.

Villivakkam Tank which is of 25.5 acres is being taken up for eco restoration and rejuvenation at a cost of Rs. 45 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 44 canals for a length of 81 kms. 2 Amphibian Vehicle, 4 robotic excavators and 3 mini Amphibian vehicles are deployes for desilting of the canals, romoval of water hyacinth, rank vegetation,

floating materials on rotation basis. To ensure free flow of rain water. Further, improvement of 33 canals including construction of flood protection wall at the places where retaining wall missing, raising of flood protection wall, fixing chain link fencing above the retaining wall have been taken up at an estimate amount of Rs. 281.77 crore to increase the capacity of the canal and to ensure free flow of rainwater. To prevent dumping of garbage into the canal.

9.9 Permanent Flood Mitigation in Greater Chennai and its Peri-urban Areas – Measures of the Water Resources Department

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:

Flooding in Greater Chennai has two sources that need different remedies. **Fluvial (riverine) flooding** occurs when the rivers, their tributaries and the tank cascades upstream carry more water than the channels and outlets can pass. **Pluvial (urban) flooding** occurs when intense local rainfall exceeds the capacity of the street-level storm water drains, even when river levels are normal. The Water Resources Department (WRD) is responsible for the first; the Greater Chennai Corporation (GCC) and the other local bodies are responsible for the second. The two systems meet at every outfall, so neither can succeed alone.

9.9.1 Hydrological setting

Greater Chennai and its peri-urban areas in Thiruvallur, Kancheepuram and Chengalpattu Districts lie on a flat coastal plain only 4.00 m to 6.00 m above Mean Sea Level. The area is drained by four river basins – **Kosasthalaiyar** (with Araniyar to the north), **Cooum**, **Adyar** and **Kovalam** – linked to one another by the Buckingham Canal, which runs parallel to the coast across the tidal flats.

All surface runoff reaches the Bay of Bengal through only four outlets:

Outlet	Basin (s) served	Flood bowl behind it
Ennore Creek (Kosasthalaiyar mouth)	Kosasthalaiyar, Araniyar, North Buckingham Canal, Otteri Nullah, Captain Cotton Canal	Ennore backwaters
Cooum river mouth	Cooum	–
Adyar river mouth	Adyar	Adyar creek and estuary
Muttukadu / Kovalam bar mouth	Kovalam basin, Pallikaranai, Okkiyam Maduvu, South Buckingham Canal	Pallikaranai marshland, Muttukadu backwaters

The upstream catchment is studded with several hundred system and non-system tanks – 285 and more in the Kosasthalaiyar Basin Division alone – and with the four major water-supply reservoirs at Poondi, Cholavaram, Puzhal (Redhills) and Chembarambakkam. These tanks were built as cascades. When they are full, or when a tank breaches, the flood is passed on and amplified downstream. The December 2015 flood showed this clearly: a rainfall event of about 120-year return period was made worse by cascading breaches at Nandhivaram, Urapakkam and Peerkankaranai tanks in the Adyar basin.

The natural flood-carrying capacity of this system has been reduced by:

1. Encroachment of waterways, tank beds, foreshores and flood plains, and urbanisation of farmland in the tank command areas.
2. Siltation of rivers, tanks and channels, and dumping of solid waste.
3. Loss of the surplus courses and links that once connected one tank to the next (the “missing links”).
4. Narrowing and closure of the river mouths by littoral drift and sand bar formation.
5. Higher tide and storm surge levels during cyclones, which hold back the outflow at the mouths.
6. Industrial and residential development within the flood bowls at Ennore, Pallikaranai and Muttukadu.

9.9.2 One drainage system, five tiers, two agencies

Rain falling on a Chennai street passes through five tiers before reaching the sea. GCC owns the first two tiers and WRD the last three; flood risk is lowest only when every tier is sized for the tier below it.

Tier	Asset	Agency	Flood it controls	What the tier below must provide
1. Micro drains	Road-side and street storm water drains, culverts	GCC / local bodies (Highways for highway drains)	Pluvial – street-level water stagnation	Free outfall into a macro drain

Tier	Asset	Agency	Flood it controls	What the tier below must provide
2. Macro drains and city canals	44 canals, 81 km maintained by GCC; macro drains of Highways and municipalities	GCC / Highways / local bodies	Pluvial – neighbourhood-level stagnation	Receiving river or Buckingham Canal level below the canal outfall level
3. Rivers, Buckingham Canal and major channels	Kosasthalaiyar, Araniyar, Cooum, Adyar, Kovalam basin channels; Buckingham Canal; Otteri Nullah, Okkiyam Maduvu, surplus courses	WRD	Fluvial – river overflow and backwater into city canals	An open river mouth
4. Tanks, reservoirs and flood regulators	Four major reservoirs; system and non-system tanks; regulators, check dams, riverine reservoirs	WRD	Fluvial – peak inflow from upstream catchments	Safe carrying capacity downstream, known in advance through forecasts
5. River mouths and creek outlets	Ennore, Cooum, Adyar, Muttukadu	WRD (with Fisheries, Ports and Forest where applicable)	Fluvial and coastal – tide and surge backing up the whole system	–

Two consequences follow for this Plan:

- **GCC's storm water drains work only if WRD's waterways are low enough to receive them.** A well-built street drain cannot empty into a river that is already above the drain's outfall level. WRD therefore plans river capacity, upstream storage and mouth opening so that the design water level in each river stays below the outfall levels of GCC's canals and macro drains during the design storm.

- **WRD's rivers work only if GCC's network does not add unplanned load at the wrong time and place.** New outfalls, enlarged drains and garbage reaching the rivers change the river's flood profile. These are managed through the joint protocol in Section 9.9.8.

9.9.3 Planning framework for fluvial flood mitigation

WRD's flood works are not stand-alone projects. Since the 2015 flood they have been selected under one framework – the **Comprehensive Flood and Drought Mitigation Plan (CFMP)** – which is now carried forward into the Water Security Plan and the JICA-assisted Flood Control Master Plan.

(a) The WRD Comprehensive Flood and Drought Mitigation Plan

The CFMP rests on three pillars: **permanent structural measures**, **organisational measures** (forecasting, monitoring, reservoir operation) and **administrative and managerial changes** (regulation, encroachment control, institutional coordination). It is designed as a win-win strategy. The same measures that cut the flood peak – deeper tanks, new reservoirs, riverine storage, inter- and intra-basin transfer, groundwater recharge – also hold water for the dry season. Investment in flood mitigation and investment in water security are therefore the same investment.

For fluvial flooding, the CFMP perspective plan follows three stages in sequence, each combining soft (non-structural, nature-based) and hard (engineering) measures:

Stage	Purpose	Soft measures	Hard measures
1. Conservation of flood water (source reduction)	Hold as much runoff as possible in the upper and middle catchment	Catchment treatment; revival of tank cascades and community water bodies; protection of tank foreshores and flood plains; groundwater recharge	Deepening and capacity restoration of tanks and reservoirs; new reservoirs and conversion of tanks to reservoirs; riverine (in-stream) reservoirs, check dams and anicuts; reuse of abandoned quarries
2. Climate-adaptive rehabilitation (truncating the flood peak)	Delay and flatten the flood peak before it reaches the city	Pre-emptying of part of the storage ahead of forecast heavy rain; operation of reservoirs on forecasts; revised freeboard standards using post-2015 flood levels	Conversion of surplus weirs to gated flood regulators; strengthening of tank bunds; remodelling of check dams into barrages; diversion of flood water to adjoining basins

Stage	Purpose	Soft measures	Hard measures
3. Flood protection and river training (controlled discharge)	Pass the remaining flood safely to the sea	Flood-prone area zoning; eviction of encroachments in waterways; eco-restoration of river banks and estuaries	Resectioning and widening of rivers and channels; flood protection walls; restoration of missing links (open channel or cut-and-cover); remodelling of bridges and bottleneck structures; sustainable opening of river mouths

The pluvial counterpart of the same three stages – rainwater harvesting and sponge spaces, on-site detention, and storm water drains with free outfalls – is implemented chiefly by GCC and the local bodies (Section 9.8 and Section 9.9.8).

(b) Water Security Plan for Chennai City and CMA

The Water Security Plan, prepared through a Detailed Project Evaluation by Royal HaskoningDHV, models the 12 basins serving the CMA (15,383 sq.km) with a daily HEC-HMS hydrological model at 75 per cent dependability. Of 1,165 projects identified, 704 were approved by Government in **G.O.(Ms).No.24, WR1 Dept., dated 16.06.2025** – 287 short-term, 263 medium-term and 154 long-term – in three phases. Its three strategies (conservation of runoff, climate-adaptive rehabilitation of water bodies, and river training) mirror the CFMP: the Water Security Plan is the drought-facing side and the CFMP the flood-facing side of one strategy.

(c) JICA-assisted Flood Control Master Plan under the CMDA Third Master Plan

CMDA is preparing the Third Master Plan for the Chennai Metropolitan Area with flood resilience as a central objective, and has engaged the Japan International Cooperation Agency (JICA) to prepare a Flood Control Master Plan for the CMA. The JICA plan covers both riverine and urban flooding in one hydraulic framework, so that river capacity, tank storage, macro drains and city drains are sized together. Its basic strategy has been framed in line with the WRD CFMP above.

WRD has fed into this process through a **Flood-Resilient Planning exercise** presented to the Member-Secretary, CMDA on 01.07.2026, covering 285 and more tanks and over 500 villages in the Kosasthalaiyar Basin Division. Flood-prone survey fields are identified from revenue records (Neer Muzhukadai, Eri Ulvai, Iravai Waja and FTL–MWL pattas), from the flood footprints of 2015, 2018, 2021 and 2024, and from HEC-HMS / HEC-RAS modelling in GIS. WRD has recommended that these fields be zoned as Development Restricted Zones or Water Body Buffer Zones in the Third Master Plan, so that new development stops adding to future flood risk.

9.9.4 Works completed since 2015

WRD has completed **283 flood mitigation and flood-water conservation works costing Rs.2,802.17 crore** in Chennai, Thiruvallur, Kancheepuram and Chengalpattu Districts up to 2025–26. The flagship works that bear directly on flooding in the GCC area are listed below, newest first, with the CFMP stage each one serves.

Year	Work	District	CFMP stage
2025	Missing link: Orathur and Manimangalam tributaries to Adyar River	Kanchee puram	3 – River training
2024	Comprehensive flood mitigation and protection works, Kosasthalaiyar River	Chennai	3 – River training
2024	Comprehensive flood mitigation and protection works, Araniyar River	Thiruvallur	3 – River training
2024	Missing link: Thanikachalam drain, Madhavaram Retteri to Kodungaiyur drain	Chennai	3 – River training
2022 & 2024	Dredging of Okkiyam Maduvu and Buckingham Canal	Chennai	3 – River training
2023	Resectioning and widening of Kolapakkam and Manapakkam Channels	Kancheepuram, Chennai	3 – River training

Year	Work	District	CFMP stage
2023	Missing links: Moovarasampet tank to Keelkattalai channel; Irumpuliyur tank to GST Road, Mudichur	Chengalpattu	3 – River training
2023	Rejuvenation of Madhavaram Retteri	Chennai	1 – Conservation
2022	Sustainable opening of Cooum River mouth (curved groynes, north and south)	Chennai	3 – River mouth
2022	Sustainable opening of Kosasthalaiyar River mouth at Ennore Creek (groynes)	Chennai, Thiruvallur	3 – River mouth
2022	Resectioning and widening of Gerugambakkam Channel	Kancheepuram	3 – River training
2022	Missing links: Thathikal channel to Porur surplus course; Porur tank to Ramapuram tank; Pallikaranai Anai Eri to Pallikaranai swamp	Kancheepuram, Chennai	3 – River training
2022	Missing links: Ottiyambakkam surplus course and channel, Madurapakkam drain, Arasankalani–Velanthangal tank to Pallikaranai swamp	Chengalpattu	3 – River training
2021	Series of check dams across Cooum River (Soranjeri, Athigathur)	Thiruvallur	1 – Conservation
2020	Riverine reservoirs across Adyar River at Somangalam and Varadharajapuram	Kancheepuram	1 – Conservation
2020	New reservoir at Orathur, Adyar basin	Kancheepuram	1 – Conservation
2020	Conversion of tanks into reservoirs: Kannankottai–Thervoy Kandigai, Kattur–Thathamanji	Thiruvallur	1 – Conservation

Year	Work	District	CFMP stage
2018 & 2023	Missing link: Narayanapuram tank to Pallikaranai swamp	Chennai, Kancheepuram	3 – River training
2018	Missing link: Mudichur to Adyar River	Kancheepuram	3 – River training
2016 onwards	Resectioning and widening of Cooum River (33 km) and Adyar River (42 km), with Chennai Rivers Restoration Trust (CRRT) eco-restoration	Chennai, Kancheepuram	3 – River training
2014	Series of check dams across Kosasthalaiyar River (Puthukuppam, Pattaraiperumbudur, Attarambakkam)	Thiruvallur	1 – Conservation

Taken together these works have created new in-stream storage, given control over flash floods through regulators, raised the carrying capacity of the rivers and channels, reconnected tanks so that they can be pre-emptied, and kept the Cooum and Ennore mouths open through regulated tidal exchange.

9.9.5 Basin-wise measures and their effect on the GCC area

Each basin is treated as a whole, from the uppermost tank to the mouth, because the flood level at a GCC outfall is set by everything upstream and downstream of it.

(a) Kosasthalaiyar and Araniyar basins – North Chennai

The low-lying areas of Manali, Madhavaram, Kolathur, Korattur, Ambattur and Redhills drain through Otteri Nullah, Captain Cotton Canal, the Kodungaiyur drain and the North Buckingham Canal into the Kosasthalaiyar and out through Ennore Creek.

- Upstream storage: Poondi, Cholavaram and Puzhal reservoirs have been rehabilitated under the World Bank-assisted Dam Rehabilitation and Improvement Project (DRIP), with emergency action plans for flood regulation. Kannankottai–Thervoy Kandigai and Kattur–Thathamanji tanks have been converted to reservoirs, and a series of check dams built across the Kosasthalaiyar.

- Regulated releases: Gates at Poondi and Puzhal are now operated through the SCADA system (Section 9.9.7), so releases can be timed against high tide and city rainfall.

- River training: Comprehensive flood mitigation and protection works on the Kosasthalaiyar (2024) and Araniyar (2024); the Thanikachalam drain link from Madhavaram Retteri to Kodungaiyur drain (2024); rejuvenation of Madhavaram Retteri (2023).

- Outlet: groynes at the Kosasthalaiyar mouth, Ennore Creek (2022) – see Chapter 9A.

(b) Cooum basin – Central Chennai

- Eco-restoration: the Integrated Cooum River Eco-Restoration Project covers 27.33 km from Paruthipattu to the mouth through 60 sub-projects by WRD (PWD), GCC, CMA, DRD, CMWSSB and TNUHDB under the coordination of CRRT, with an Administrative Sanction of Rs.604.77 crore for the short-term phase. The river has been resectioned over 33 km with an inner channel, rip-rap on geotextile and coir blanket bank protection.

- Upstream storage: check dams at Soranjeri and Athigathur (2021) hold flood water in the upper Cooum.

- Encroachment removal: 13,528 of 14,257 encroachments (about 95 per cent) on the Cooum have been removed with resettlement through TNUHDB (Section 9.9.9).

- Outlet: curved training walls on the north and south of the Cooum mouth (2022) – see Chapter 9A.

- In preparation: a Cooum River Restoration DPR with six components, including flushing-flow augmentation and continuous mouth maintenance.

(c) Adyar basin – South-central Chennai, Tambaram and Mudichur

- Upstream storage: riverine reservoirs at Somangalam and Varadharajapuram and a new reservoir at Orathur (2020) catch the flood from the upper Adyar before it reaches Tambaram and the city. Chembarambakkam reservoir is operated through SCADA.

- Flood diversion: investigations are in progress for a flood carrier with regulators from the surplus channels of Sriperumbudur tank to the Palar, through the surplus courses of Pillaipakkam and Thenneri tanks (Neenjalmadavu), to cut the Adyar's peak above the 10-year return period flood.

- River training and links: the Adyar has been resectioned over 42 km; missing links completed from Mudichur to the Adyar (2018) and from the Orathur and Manimangalam tributaries to the Adyar (2025).

- Eco-restoration: Adyar creek and estuary restored over 358 acres (Phases I and II); Phase III restoration of 42 km from Adhanur lake to the mouth sanctioned at Rs.555.46 crore (July 2017) for the short-term phase. 6,392 of 9,539 resettlement cases completed.

- Airport crossing: to make up the waterway lost at the airport runway extension, WRD has proposed vertical or lateral siphons or additional vents, and a mechanised trash remover at the cross-masonry structure.

(d) Kovalam basin and Pallikaranai marsh – South Chennai

The Pallikaranai marsh drains about 225 sq.km containing over 60 tanks, and discharges through Okkiyam Maduvu and the South Buckingham Canal to the Muttukadu outlet.

- Missing links to the marsh: Pallikaranai Anai Eri, Narayanapuram tank, Ottiyambakkam surplus course and channel, Madurapakkam drain, and Arasankalani–Velanthangal tank have all been connected to the marsh (2018 to 2023); Moovarasampet and Irumpuliyur links completed in 2023.

- Outfall capacity: dredging of Okkiyam Maduvu and the Buckingham Canal (2022 and 2024).

- Marsh protection: 690.65 ha of the marsh is under the Forest Department and the Conservation Authority for Pallikaranai Marshland; WRD's links are designed to keep the marsh functioning as the flood bowl for South Chennai.

- Outlet: sustainable opening of the Muttukadu bar mouth – see Chapter 9A.

9.9.6 Conservation of flood water and restoration of storage

Every cubic metre of storage restored upstream is a cubic metre that does not reach the city during a flood. Between 2015 and 2026, 7.089 MCM (about 250 Mcft) of storage has been restored in tanks and reservoirs of the four districts through WRD's revenue-model desilting, at little or no cost to the exchequer.

District	Silt removed (m^3)	Storage restored (MCM)
Thiruvallur	43,54,416	4.354
Chengalpattu	13,36,813	1.337
Kancheepuram	11,63,879	1.164
Chennai	2,33,610	0.234
Total	70,88,718	7.089

Under this model, silt is removed through auctioned quarrying leases under the Tamil Nadu Minor Mineral Concession Rules, with royalty to Government, and through free distribution of nutrient-rich silt to farmers. Desilting-cum-selling contracts have also been taken up in the Cholavaram and Poondi reservoirs (G.O.Ms.168 and 335 of 2018). Safeguards are applied in every lease: a bathymetric survey before tender, rehabilitation of bunds and sluices along with deepening, and close control so that the natural clay seal of the tank bed is not breached.

In addition:

- 34 tanks in the peri-urban areas are proposed to be deepened below the sill level of their sluices as sub-surface storage, at Rs.20.51 crore, to reduce flooding and improve groundwater.
- Bathymetric and sediment surveys of the four major reservoirs will be taken up to fix realistic desilting targets.
- Under the Water Security Plan, deepening and rehabilitation of tanks with conversion of weirs to regulators will add about 150 Mcft of storage in the Chennai region; surveys are complete and DPRs are in preparation.

9.9.7 Forecasting, monitoring and reservoir operation

Three systems now let WRD see a flood coming, release water before it arrives, and warn GCC and the public in time.

System	What it does	Coverage	Status
Chennai Real-Time Flood Forecasting System (CRTFFS) with Real-Time Data Acquisition System (RTDAS)	Rainfall-runoff and river hydraulic models; street-level inundation forecasts on a 2 m DEM	About 5,851 sq.km, 4 basins; 117 rain gauges, 30 weather stations, 185 water level recorders, 58 gate sensors	Under implementation by TNDRRA with IIT-Madras and SECON-JBA (World Bank); models validated at Nash-Sutcliffe efficiency of about 0.65–0.74 for the four major reservoirs
SCADA reservoir gate automation	Remote monitoring and operation of reservoir gates	46 gates at Poondi, Chembarambakkam and Puzhal	Commissioned; sanctioned in G.O.(Ms).No.47, WR(S1) Dept., dated 13.03.2024 (Rs.32 crore); decision support and rule-curve logic being added
Tamil Nadu Water Resources Information and Management System (TN-WRIMS)	Satellite monitoring of tank storage; HEC-HMS inflow forecasts	14,311 WRD tanks and 73,380 Rural Development tanks; forecasts for 113 reservoirs; 1,213 rain gauge and weather stations	Operational

How these are used in a flood:

- Pre-emptying: on a forecast of heavy rain, part of the storage in the major reservoirs and in tail-end tanks with flood regulators is released in advance, within the safe carrying capacity of the river, so that the flood peak can be absorbed.
- Timed releases: releases during the storm are timed against the tide at the mouth and the rainfall over the city, so that the river is low when GCC's canals need to discharge.
- Warnings: forecasts and release schedules go to District Collectors, TNDRRA, GCC's control room and the public through TN-SMART and the media; SMS and siren modules are being integrated.

9.9.8 Interface between GCC's storm water drains and WRD's waterways

GCC's storm water drain network and WRD's river system will be planned, maintained and operated as one system through the following joint protocol. Each item has a lead agency and a timing.

No.	Interface measure	Lead	Support	Timing
1	**Outfall register:** a single GIS register of every GCC, Highways and municipal outfall into a WRD river, canal or tank, with invert level, size and flap gate status	GCC	WRD	Updated before each monsoon
2	**Design levels:** for each river reach, WRD publishes the design flood level and the high-tide level at the outfall; GCC designs new drains so that outfall inverts sit above these levels, or provides flap gates and pumping where they cannot	WRD	GCC, CMDA	At design stage of every new drain
3	**No-objection for new outfalls:** no new outfall or enlarged drain into a WRD waterway without WRD's technical clearance on its effect on the river's flood profile	WRD	GCC	Before sanction
4	**Joint pre-monsoon calendar:** GCC desilts micro drains and its 44 canals; WRD desilts rivers, the Buckingham Canal, surplus courses and opens the mouths – both completed by 30 September, starting from the downstream end	WRD and GCC	Highways, CMWSSB	June to September
5	**Flap gates and non-return valves:** fitted and tested at low-lying outfalls where the river or tide can flow back into the city canal	GCC	WRD	Tested by 30 September
6	**Forecast sharing:** CRTFFS forecasts, reservoir release schedules and tide predictions shared with GCC's control room in real time; GCC shares inundation reports from its wards	WRD	GCC, TNDRRA	Throughout the monsoon
7	**Joint control room protocol:** releases from Chembarambakkam, Puzhal and Poondi coordinated with GCC's pumping and with the tide at the mouths	WRD	GCC, District Collectors	During flood events
8	**Solid waste interception:** trash booms and screens at canal outfalls and at bridges; garbage removal from waterways by GCC	GCC	WRD, CRRT	Year-round
9	**Missing links by cut and cover:** where roads have been laid over old waterways, links are restored as closed conduits, jointly designed so that they serve both the tank cascade and the city drains	WRD	GCC, Highways	As per DPRs
10	**Land use control:** flood-prone survey fields and Development Restricted Zones from WRD's study are adopted in the CMDA Third Master Plan and in building approvals	CMDA	WRD, GCC, DTCP	Third Master Plan

The JICA-assisted Flood Control Master Plan (Section 9.9.3) will provide the common hydraulic model for items 2, 3 and 9, so that GCC's drain designs and WRD's river designs use the same rainfall, tide and flood levels.

9.9.9 Protection of waterways – Removal of encroachments

Removal of encroachments from waterways is a continuous process that has run before and since the 2015 flood, and is now being carried out in priority order of flood risk.

- Results so far: on the Cooum, 13,528 of 14,257 encroachments (about 95 per cent) have been removed; on the Adyar, 6,392 of 9,539 resettlement cases have been completed. Families have been resettled in TNUHDB tenements.

- Remaining task: 75,851 encroachments have been identified in 460 tanks, rivers and canals across Chennai, Thiruvallur, Kancheepuram and Chengalpattu Districts, of which 1,452 have been removed and 74,399 remain.

- Order of priority: first, encroachments within the active waterway that block flood flow; second, those on tank bunds, weirs, regulators and channels that endanger structures; third, those in the water spread area that reduce storage.

- Procedure: joint survey and demarcation, socio-economic enumeration, notice under the Tamil Nadu Protection of Tanks and Eviction of Encroachment Act, 2007, allotment of alternative housing before eviction, then demolition followed at once by fencing and eco-restoration so the land is not re-occupied.

The Cooum experience – about five years to remove some 13,000 encroachments even with dedicated CRRT support – sets a realistic pace for the much larger remaining task.

9.9.10 Projects in the pipeline and the way forward

24 further WRD projects costing Rs.611.05 crore are pending sanction or under formulation in the four districts, including the proposal to raise the Full Reservoir Level of Poondi reservoir (about Rs.419 crore). The longer-term programme will be drawn from the 704 projects of the Water Security Plan and from the JICA-assisted Flood Control Master Plan.

The priorities for the next five years are:

- Complete the CRTFFS station network and integrate it with SCADA and GCC's control room.
- Convert surplus weirs of tail-end tanks into gated regulators so that pre-emptying becomes standard practice across the cascades feeding the city.
- Take up the Adyar–Palar flood diversion after investigation, and riverine storage on the Kosasthalaiyar and Cooum where feasible.
- Complete the remaining missing links into the Pallikaranai marsh and the Buckingham Canal in coordination with Highways.
- Put in place a permanent mouth management programme for all four outlets (Chapter 9A).
- Adopt WRD's flood-prone survey fields as Development Restricted Zones in the CMDA Third Master Plan.
- Continue removal of encroachments in order of flood risk, with resettlement first.

9.10 – Sustainable Opening of the River Mouths and Creek Outlets: Ennore, Cooum, Adyar and Muttukadu

All flood water from Greater Chennai and its peri-urban basins leaves through four outlets, so a closed mouth raises the flood level of an entire basin – and with it the outfall level of every GCC drain in that basin. Keeping these four mouths open, permanently and at least cost, is therefore the last and most critical link in the city's flood defence.

9.10.1 Why the mouths close

- Littoral drift: waves on the Coromandel coast move large volumes of sand along the shore – northward for most of the year and southward for part of the North-East monsoon. Where a weak river meets this drift, the sand builds a bar across the mouth.
- Low dry-weather flow: for eight to nine months the rivers carry little fresh water, and the tide alone cannot keep the mouth open, so the bar builds up just before

the monsoon.

- Loss of tidal prism: the volume of sea water that flows in and out of the estuary on each tide is what scours the mouth. Encroachment, reclamation and siltation of the estuaries and backwaters reduce this volume and weaken the scour.
- Storm surge and high tide: during cyclones the sea level at the mouth rises and holds back the flood, exactly when the river is at its peak.

The first flood of the monsoon therefore often arrives against a closed or narrowed mouth, backs up the river and drowns the city's outfalls until the bar is breached.

9.10.2 Principles of sustainable mouth opening

A mouth stays open on its own when the tidal prism is large enough to scour away the sand brought in by the waves. Established coastal engineering practice expresses this as a relation between the stable cross-sectional area of the inlet and the tidal prism:

$$A_c = C \times P^n$$

where A_c is the minimum stable flow area of the mouth (m^2), P is the spring tidal prism (m^3), and C and n are coefficients to be calibrated for each mouth from field data.

WRD's approach therefore combines five measures, in order of preference:

1. **Increase the tidal prism (soft):** restore the estuaries, creeks and backwaters behind each mouth – removal of encroachments, debris and sludge, and mangrove restoration – so that the tide itself keeps the mouth open.
2. **Fix and train the mouth (hard):** training walls or curved groynes on one or both sides hold the mouth in place and carry the flow beyond the breaker zone, so that drift sand cannot settle in the channel.
3. **Bypass the sand:** sand trapped on the up-drift side of the groynes is moved to the down-drift beach, so that the coast beyond the mouth does not erode.
4. **Maintenance dredging on triggers:** the mouth is dredged when

monitoring shows its width or depth has fallen below a set threshold – not only on a fixed date – so that money is spent when and where it is needed.

5. **Flushing flows:** regulated releases from upstream storage and treated wastewater flows keep a minimum flow at the mouth in the dry season.

9.10.3 Status and proposals for each outlet

Outlet	Basin and flood bowl	Works completed	Present practice	Proposals
Ennore Creek (Kosasthalaiyar mouth)	Kosasthalaiyar, Araniyar, North Buckingham Canal; Ennore backwaters	Groynes for sustainable opening of the Kosasthalaiyar mouth (2022); comprehensive flood works on the Kosasthalaiyar (2024)	Pre-monsoon opening and clearance of shoals within the creek	Restore the backwater area lost to reclamation and industrial deposits; sand bypassing to protect the northern shore; protect the ecologically sensitive shoals within the creek while keeping a flood channel clear.
Cooum river mouth	Cooum	Curved training walls (groynes) north and south of the mouth, as recommended by NIOT (2022); capital dredging of 1,76,900 m³ within CRZ clearances of June 2017 (662 m) and September 2022	Annual mouth opening under pre-monsoon works	Maintenance dredging of about 75,000 m³ a year as recommended by NIOT, triggered by monitoring; flushing-flow augmentation and continuous mouth maintenance under the Cooum DPR now being finalised
Adyar river mouth	Adyar; Adyar creek and estuary (358 acres restored)	Phase I and II eco-restoration of the creek and estuary, which has increased tidal exchange	Pre-monsoon opening of the sand bar	Model study for a training arrangement compatible with the restored estuary and the heritage and fishing interests at the mouth; protection of the tidal prism from further encroachment

Outlet	Basin and flood bowl	Works completed	Present practice	Proposals
Muttukadu / Kovalam bar mouth	Kovalam basin, Pallikaranai marsh via Okkiyam Maduvu, South Buckingham Canal; Muttukadu backwaters	Dredging of Okkiyam Maduvu and the Buckingham Canal (2022 and 2024)	Pre-monsoon opening of the bar mouth	Model study for groynes or training walls; restoration of the backwater tidal prism; coordination with Tourism and Fisheries for boating and fish landing use

9.10.4 Annual mouth management cycle

Period	Action	Agency
January–February (post-monsoon)	Bathymetric and beach profile survey of all four mouths; record of how each mouth behaved in the monsoon	WRD with NIOT / IIT-Madras
March–May	Repair of training walls and groynes; sand bypassing; removal of debris and solid waste from estuaries	WRD; GCC for waste
June–August	Monthly monitoring of mouth width and depth; maintenance dredging where triggers are crossed	WRD
By 30 September	All four mouths open to design section; joint inspection with GCC and District Collectors	WRD, GCC, Revenue
October–December (North-East monsoon)	Daily watch on the mouths; tide and surge forecasts linked to CRTFFS; emergency pilot channels cut with standby machinery when a mouth narrows during a storm	WRD, TNDRRA

9.10.5 Monitoring and early warning

- Tide gauges at each of the four mouths, linked to the CRTFFS so that the river forecast uses the actual sea level at the outlet.
- Monthly satellite and drone imagery of the mouths and the adjoining shoreline, to track the bar and any erosion down-drift.
- Trigger levels for minimum mouth width and depth at each outlet, fixed from the model studies, to decide when maintenance dredging is due.

9.10.6 Institutional and statutory arrangements

- A **Mouth Management Cell** in WRD's Chennai region will hold the survey records, trigger levels and annual programme for all four outlets, and report before each monsoon to the District Disaster Management Authorities and GCC.

- All works will be taken up with clearance under the CRZ Notification, 2019, through the Tamil Nadu State Coastal Zone Management Authority. A standing clearance for routine maintenance dredging within approved limits will be sought, so that annual opening is not delayed.

- Fishing communities, the Fisheries Department, the Forest Department (for mangroves and the Pallikaranai marsh) and the Ports will be consulted on each outlet's management plan.

- A dedicated annual maintenance allocation for the four mouths will be provided, so that the cycle in Section 9A.4 does not depend on one-time project funds.

9.10.7 The four mouths as one system

The Buckingham Canal links all four outlets. During a flood, a mouth that is open can relieve a basin whose mouth is closed or held back by the tide, provided the canal reaches between them are clear. The four mouths and the Buckingham Canal will therefore be managed as one connected outlet system, and the JICA-assisted Flood Control Master Plan will be used to test how flood load is shared among them under combined river flood, city rainfall and storm surge.

9.11 Prioritizing Afforestation

The Vardah Cyclonic Storm which made landfall on 12.12.2016 with a wind speed of120-130kmph, 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

9.12 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 ofpersonnel 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.

9.13 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.

9.14 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.

9.15 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.

9.16 Protection and Restoration of Ecosystems

Ecosystems besides providing essential service of maintaining bio-geo-chemical 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.

9.17 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.

9.17.1 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.

9.18 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.

9.19 Multiple accident hazardous unit

NAME OF THE COMPANY	NAME	CONTACTS	PRODUCTS / HAZARD
Balmer & Lawrie	Mr. Sriraman, HR Head	9360177113	Greases & Lubricants, Industrial Packaging, Leather Chemicals, Container division. Hazzards- sulphuricacid, phenyl crystal,
Chennai Petroleum Corp. Ltd.,	Mr. Arun kumar, Safety	9444015121	LPG, Motor Spirit, Superior Kerosene, Aviation Turbine Fuel, High Speed Diesel, Naphtha, Bitumen, Lube Base Petroleum Refinery, crude refining -wax, Flamable,

Cetex Petrochemicals Ltd.,	Mr. Bhaskar, HR	9789894433	SECONDARY butyl Alcohol (SBA) Methyl Ethyl Ketone (MEK), Fuel additives, Fire Hazzord-LPG
Indian Additives Ltd,	Mr. Rajadurai, HR	9840354881	Indian Additives Ltd - Manufacturer of bike engine oil, car engine oil & shuttering oil in Chennai, Tamil Nadu. Lubricate oil, ADDITIVES, HYDROGEN SULPHIDE H2S
Kothari Petro Chemicals Ltd,	Mr.Dmiyan, HR	7299044603	Polybutene, Asphalt, rubber, lubricants, adhesives, cling wrap, stretch wrap, electrical cable Insulation, Paper Coating, ink
Madras Fertilizers Ltd,	MR. Ganapathi Subramaninan, P & A	6380828391	Ammonia, urea and urea, complex fertilizers, Nitrogen, Phosphorous NPK “Nitrogen, Phosphorus, and Potassium, Ammonia
Manali Petro Chemicals Ltd.	Mr. Saravanan, Safety	9445479343	Intermediates Products, Propylene glycol, Flexible and molded Polyols. Propylene oxide. Petrochemical. (Captive Power Plant)
Natco Organics Limited,	Mr. Punnarao, HR	7397375077	NATCO Pharma develops, manufactures and markets finished dosage formulations (FDF) and active pharmaceutical ingredients (APIs). Bulk Drug
SRF Ltd.,	Mr. Deenesh, Safety	9952372462	Technical textiles, engineering plastics, chemicals and packaging films manufacture of nylon cord fibers for tires
Supreme Petro Chem	Mr. Varadharajan K, HR	9841317087	Polystyrene grades Polystyrene grades
Tamilnadu Petroproducts Ltd	-	044-25945500	Linear alkylbenzene, epichlorohydrin, caustic soda, ammonium chloride, hydrochloric acid, compressed hydrogen, and sodium hypochlorite., Hydrochloric Acid, Byproduct, Data Sheet. Ammonium Chloride, Byproduct, Data Sheet. Sodium Hypo Chlorite Caustic Soda.Petrochemical
Coromandal International Ltd,	Mr. Kumar, HR	9840693370	Phosphatic Fertilisers, Crop Protection Products, Specialty Nutrients like Sulphur Pastelles, Water Soluble Fertilisers, Micro Nutrients and Organic Fertilisers.
IndianOil Corporation Ltd,	Mrs. Meera GM-(RC) marketing	9790033961	Crude oil, natural gas and petrochemicals

Toshiba	Mr. Saravanan, HR	9840766641	CONSTRUCTION & MINING MACHINERY
Rajpetro Group	Mr. Dhananchelyan (Manager, HR & IR) Mrs.Asha, HR	9176948080	Electrol, Rajol, Rajell, Rajprol, Rajwax, Kyros, Onwo, Zoomol, Transformer Oils | Process Oils & Gels | Lubricants, Petroleum Product Manufacturers
Pon Pure Chemicals	Mr. Subiaya, HR	7338820509	Chemicals manufacturing and distribution business
Piramal Health Care Ltd.,	Mr.Rajakumar, HR	9840036230	Pharma Solutions.pharmaceuticals-oriented
Larsen & Toubro Ship Building Ltd.	Mr. Sripathy, HR	044-22706594/ 6579	Electrical & Automation, Construction & Mining Machinery
MFPL	Mr. Supriyaravishankar, HR	044-24426830	Hydro fluoric
KCP	Mr. Pandian, HR	9940452994	Cement, gear, pressure vessels
Basinbridge Gas Turbine Power Plant	N. Raguraman Safety officer incharge	9445857033	Power Plant

APPENDIX - I

Contacts

Sl.No.	Office	Contact No.
1	Chief Secretary	044-25671555
2	Secretariat EPABX	25665566
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	25228025/9454/9444131090
9	Public Works Department	28410402
10	Highways Department	22351099/24330008
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	8991122568

State Emergency Operation Center in CRA office	
Toll Free	1070
Land Line	044 - 28414513 044 - 28593990
Fax	28410577 28414512
E-mail	tnstateeoc@gmail.com

Greater Chennai Corporation	
Toll Free help line	1913
Help line Whatsaap	9445061913
Controlroom	25619206 / 25619204/ 25619207

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

NAME/DESIGNATION	MOBILE NO.	OFFICE PHONE NO.
COMMISSIONER	9994697909	044-25381330 044-25619200
Deputy.Commissioner (Health)	9445190996	044-25619336 044-25386386
Deputy Commissioner (R&F)	9445190995	044-25619306
Joint Commissioner (Works)	9445190998	044-25384231 044-25619351
Joint Commissioner (Education)	9445190997	044-25383693 044-25619205
Assistant Commissioner(GA&P)	9445190300	044-25619231 044-2530331
Chief Engineer (General, BRR, Town Planning, GIS)	9445190801	044-25619317

NAME/DESIGNATION	MOBILE NO.	OFFICE PHONE NO.
Chief Engineer (Quality control / SWD)	9445190734	044 - 25619260
Chief Engineer(Parks / Playfield)	9499956219	044-25619283
Chief Engineer (Bridges)	9445190016	044-25619317
Chief Engineer (Mechanical / SWM)	9445036579	044-25619260
City Health Officer	9444225125	044-25619337 044-25619330
Senior Law Officer	9445190222	044-25619412
Revenue Officer	9445190740	044-25619478 044-25619278
Council Secretary	9445190226	044-25382357 044-25619323
Financial advisor	9445190741	044-2533801
Chief Veterinary Officer	9444201500	044-25303657
City Medical Officer	9445190857	044-25619338
Addl.City Medical Officer	9445190858	044-25619653
Education Officer	9445190747	044-25619462 044-25619428
Superintending Engineer (BRR)	9445190735	044-25619281
Superintending Engineer (Spl.Project)	9445190733	044-25619302
Superintending Engineer (Mechanical & SWM)	9499956220	044-25619228 044-25619385
Superintending Engineer(SWD)	9445190732	044-25619318
Superintending Engineer (Parks)	9445026061	044-25619620
Superintending Engineer(Electrical)	9445190739	044-25619371

NAME/DESIGNATION	MOBILE NO.	OFFICE PHONE NO.
Superintending Engineer (Buildings)	9445190733	044-25619703
Superintending Engineer (Bridges)	9445190220	044-25619279

Office Regional Deputy Commissioner Office (North)

NAME/DESIGNATION	CONTACT NUMBERS
RDC (North)	9445025800, 044-25200025
Deputy Collector (Administration)	9445477657
Deputy Collector (L&E)	9445467336, 044-25201076
Chief Health Officer (North)	8754893581
Chief Accountant Officer	9445026063
Superintending Engineer	9445467372

Regional Deputy Commissioner Office (Central)

NAME/DESIGNATION	MOBILE NO.
RDC (Central)	9445190100 044-24425982
Deputy Collector(Administration)	9445191439
Deputy Collector (L & E)	9445477659
City Health Officer	9444933806

NAME/DESIGNATION	MOBILE NO.
Chief Accountant Officer	9445026037
Superintending Engineer	9445190736

Regional Deputy Commissioner Office (South)

NAME/DESIGNATION	MOBILE NO.
RDC (South)	9445190100 044-24425982
Deputy Collector (Administration)	9445191439
Deputy Collector (L & E)	9443663922
City Health Officer	9940090883
Chief Accountant Officer	9445026036
Superintending Engineer	9445190737

Emergency Contact Numbers

Institution	Contact Number
Police	100
Traffic Police	103
Ambulance	108

Institution	Contact Number
Fire Control	101
Ambulance of Fire Services Dept.,	102
Child Line	1098
Women Help Line	181,1091
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, 9445194727	9445190061	9445190081, 9445467332
Zone 2	04425941079, 9445190202	9445190002	9445190022,	9445190062	9445190082
Zone 3	04425530427, 9445190203	9445190003	9445190023 9445190482	9445190063	9445190083
Zone 4	04425951083, 9445190204	9445190004	9445190024, 9445190940	9445190064	9445190084, 9790797999
Zone 5	04425206655, 9445190205	9445190005	9445190025, 9445190461	9445190065	9445190085, 9445071039
Zone 6	04426741802, 9445190206	9445190006	9445190026, 9445190038	9445190066	9445190086,
Zone 7	04426253331, 9445190207	9445190007	9445190027, 9445194759	9445190067	9445190087, 9444576365
Zone 8	044-26640224 9445190208	9445190008	9445190028, 9445467320	9445190068	9445190088,
Zone 9	04428170738, 9445190209	9445190009	9445190029, 9445190864	9445190069	9445190709
Zone 10	04424838968 , 9445190210	9445190010	9445190030, 9445191466	9445190070	9445190090, 9841534974
Zone 11	04424867725, 9445190211	9445190011	9445190031, 9445477702	9445190071	9445190091
Zone 12	04422341702, 9445190212	9445190012	9445190032, 9445194727	9445190072	9445190092
Zone 13	04424425961, 9445190213	9445190013	9445190033, 9445190926	9445190073	9445190093
Zone 14	04422420520 9445190214	9445190014	9445190034, 9445026083	9445190074	9445190094
Zone 15	04424500923, 9445190215	9445190015	9445190035	9445190075 9445191480	9445190095

Other Contact Numbers

Institution	Contact Number
Highways Directorate	044 - 22351066
TANGEDCO	1912 / 044 - 28514955/ Whatsaap - 9445850829
CMWSSB	044 - 45674567
Chennai Metro Rail	044 - 24378000 / 1860 - 425 - 1515
AAVIN - AGM (Mkg)	9444915453 / 9566860286
NDRF HQ (Arakkonam)	04177246594 / 9442140269
TNDRF (Avadi)	044-24349669

Snake Catcher list			
Sl. No.	Name	Designation	Cell No.
1	R. Kalaivendan	Range Officer (Team Head)	8925838216
2	S. Shankara Pandiyan	Forester	8925838228
3	A. Kishrkumar		8925838227
4	M. Vinithrraa	Forest Guard	8925838250
5	Koteeswaran		8925838251
6	P. Saravana Rajalu		8925838252
7	T. Surender		8925838254
8	P. Harinathan		8925838253
9	S. Thilak Masco	Forest Watcher	9095084958
10	P. Gururaj	Snake Catcher	9514450689
11	M. Arjun		8610406312
12	G. Murugesan		9884847673
13	S. Baskaran		9789828232
14	K. Ganesan		7448927227
15	D. Karthick		9952443922
16	R. Jeivinoth		9841161120
17	S. Victor Paulraj		6374737985

ZONE - I

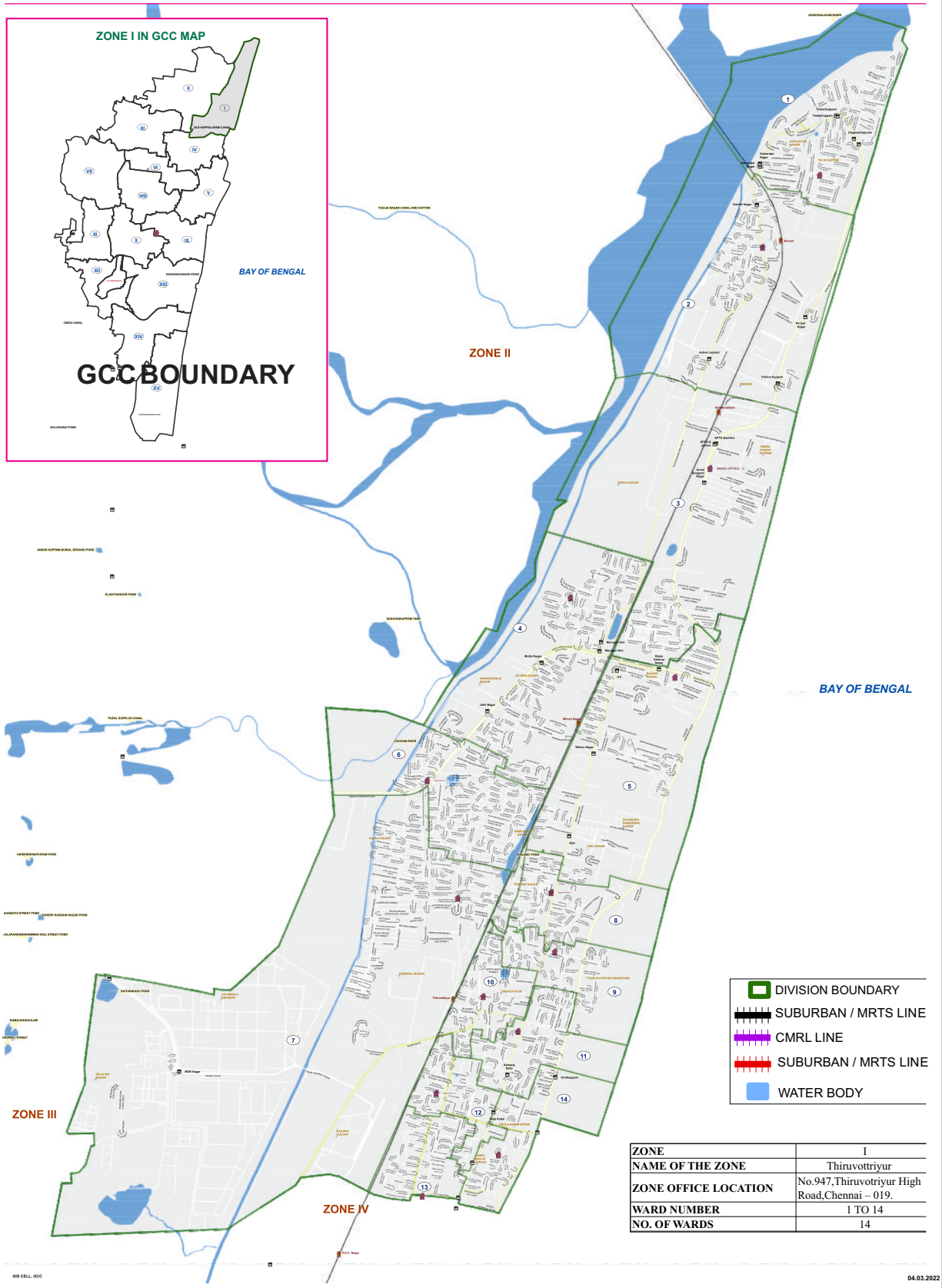
ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	209
2	Zone Administration	210
3	Public Health & Disease Control	211
4	Parks	212
5	Sewage Pumping Station	213
6	Tamilnadu Urban Habitat Development Board	214
7	Water Bodies and Waterways	215
8	Storm Water Drain	217
9	Water stagnated streets in the previous monsoon - Heavy rainfall	217
10	Water stagnated streets in the previous monsoon - Mild rainfall	219
11	Water stagnated streets in the previous monsoon - Moderate rainfall	223
12	Stagnation of water in streets due to sewer block	223
13	Relief centre	224
14	Subway	228
15	Tree fall	228
16	Streets - where water entered houses - do not require evacuation	229
17	Streets that require evacuation	230
18	Lighting facilities	231
19	National Disaster Response force	231
20	Rescue Boats	232
21	Transport Equipments & Lorries	232
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	232
23	Ward Committee	232

THIRUVOTTRIYUR

ZONE 1 - WARD BOUNDARY

GREATER CHENNAI CORPORATION
ZONE - I
TN GOVT. GAZATTE NO.408 DATED:14.12.2018



ZONE	I
NAME OF THE ZONE	Thiruvottriyur
ZONE OFFICE LOCATION	No.947,Thiruvotriyur High Road,Chennai – 019.
WARD NUMBER	1 TO 14
NO. OF WARDS	14

Profile

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

There are 1600 roads, out of which 1591 roads to a length of 220.02 Km are Interior Roads, 6 Roads to a length of 7.34 Km are Bus Route Roads maintained by GCC and the remaining 3 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 dense area in the zone is Sathyamoorthy nagar with a population of 32,289 and the least is Thiruvottriyur Kuppam with a population of 16769. The Ward wise population of the zone is given below,

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

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 subordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officer are well described in the page number 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
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 Engineer, Mechanical	1 to 14	9445190493

Solid Waste Management

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

Sl. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	Assistant Executive Engineer (SWM)	1 to 14	9445467361
2.	Sanitary Officer	1 to 4	9444090150
3.	Sanitary Officer	5 to 9	-
4	Sanitary Officer	1 to 14	9445190681

Public Health & Disease Control

The Public Health department is headed by the 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-ordinates 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.

Sl.No.	Designation	Zone/ Unit/ Ward.No.	Officer Mobile Number
1	Zonal Health Officer	Zone I	9445190061
2	Veterinary Surgeon	Zone I	9787032916
3	Entomologist	Zone I	9941627096
4	Sanitary Officer	1 to 4	9444090150
5	Sanitary Officer	5 to 9	-
6	Sanitary Officer	10 to 14	9445190681
7	Zonal Medical Officer	Zone 1	9791108904
8	Medical Officer	2/Kathivakkam UPHC	9962092684
9	Medical Officer	3/Ernavoor UPHC	9842125095
10	Medical Officer	4/Kuppam UPHC	6379247299
11	Medical Officer	11/Thiruvottriyur UCHC	9444818168
12	Medical Officer	11/Thiruvottriyur UPHC	8939587794
13	Medical Officer	12/Sathangadu UPHC	8838751849
14	Medical Officer	14/Thnagal UPHC	9840591094

S.No	Ward No.	Name & Location of Hospital	Name of Medical Officer	Contact Number
1	2	Kattivakkam UPHC	Dr.Karthikeyan	9962092684
2	3	Ernavoor UPHC	Dr.Janani	9842125095
3	4	Kuppam UPHC	Dr.Poojitha	6379247299
4	11	Thiruvottriyur UPHC	Dr.Princy	9444818168
5	11	Thiruvottriyur UCHC	Dr.Swetha shree	8939587794
6	12	Sathangadu UPHC	Dr.Muthusamy	8838751849
7	14	Thangal UPHC	Dr.Paavai Nandhini	9840591094

Parks

There are 31 OSR land / 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 powersaws 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,

Sl. No.	Team member contact No.	Equipment available	Area of operation
1	Park Overseer 7871819403	Telescopic Tree pruner-5, Chainsaw tree cutting machine-16	Ward (1 to 14)

Sl.No.	Div. No.	Name of Part / Palyfield / OSR Land
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	TNUHDB Land Park 1
6	3	TNUHDB Land Park 2
7	3	TNUHDB Land Park 3
8	3	TNUHDB Land Park 5
9	3	TNUHDB Land Park 6
10	3	TNUHDB Land Park 7
11	3	TNUHDB Land Park 8
12	3	TNUHDB Land Park 9
13	3	TNUHDB Land Park 10
14	3	TNUHDB Land Park 12
15	3	TNUHDB Land Park 13
16	3	TNUHDB Land Park 14
17	3	TNUHDB Land Park 15
18	3	TNUHDB Land Park 16

19	5	Hansa Garden Park / Ajax TVT
20	5	Sakthipuram Park, Srirangam new town, Ernavoor, Chennai-57
21	5	M/s.MRF Limited Ennore Express Road, Thiruvottriyur
22	5	Wimco Co-Operative Housing Society, Sakthipuram 2nd Street
23	7	Glass Factory road Near Balakrishna Nagar, Thiruvottriyur
24	7	Hansa Gems Park
25	7	Ashok Avenue Park
26	7	Sathangadu Land
27	7	Balakrishna nagar park land
28	11	Shanmuganar Park, Thiruvottriyur high road, Chennai-19
29	11	Slum Tenement park, OSR Land Ellaiamman koil street, Thiruvot - triyur
30	11	State Bank colony children's park land
31	14	Thiruchinakuppam TNUHDB OSR land

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 Thiruvottriyur 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,

Sl.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

Tamilnadu Urban Habitat Development Board

There are 8 TNUHDB tenements in Thalankuppam, Tsunami quarters, Ellaiamman koil street, Village street & Thiruchinakuppam with a population of 29808. Greater Chennai Corporation takes care of garbage clearance and CMWSSB provides water supply and addresses sewage issues inside these tenements. The respective officers as given below may be contacted to avail Services or to address the issues if any. 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	Thazhankuppam	468	1872
2	3	Tsunami Quarters	5856	23424
3	3	Indiragandhi Kuppam (HFA)	128	512
4	7	Kargil Nagar Tenement	1200	New Building
5	9	Village street -Tenement	336	Under Construction
6	11	Ellaiamman koil - Tenment	480	1920
7	14	Thiruchinnan kuppam - Tenement	360	1440
8	14	Dhobhikana -Tenement	160	640
Total			8988	29808

Contact details

Department	Designation	Area	Contact No.
Conservancy/ GCC	Santiary Inspector	Thalankuppam	-
Conservancy/ GCC	Santiary Inspector	Tsunami quarters	-
Conservancy/ GCC	Santiary Inspector	Village street	-
Conservancy/ GCC	Santiary Inspector	Ellaiamman koil street	-
Conservancy/ GCC	Santiary Inspector	Thiruchinakuppam	-
Water Sup-ply& Sewage / CMWSSB	Area Engineer	Thalankuppam, Tsunami Quarters, Village street	8144930001
TNUHDB	Executive Engineer	Thalankuppam, Tsunami Quarters, Village street	9445074846

Water Bodies and Waterways

There are only two Canal passing in this zone (1) Buckingham canal, Maintained by PWD which touches the zone from Manali Basin Road and travels about 10.75 Km and joins sea at Nettukuppam and (2) Thamaraikulam Canal of 0.5km Length Maintained by GCC.

WRD is doing a massive work to remove hyacinth and desilting 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 92.37 km to ease the flow of rain water.

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

Canals

Sl. No.	Wards Covered	Name of the Canal	From	To	Length of Canal (Km)
1	1 to 7	Buckingham canal	Manali Basin Road	Nettukuppam	10.75
2	1	Thamaraikulam Canal	Thamaraikulam Mouth	Kosasthalaiyar River	0.5

Other water bodies

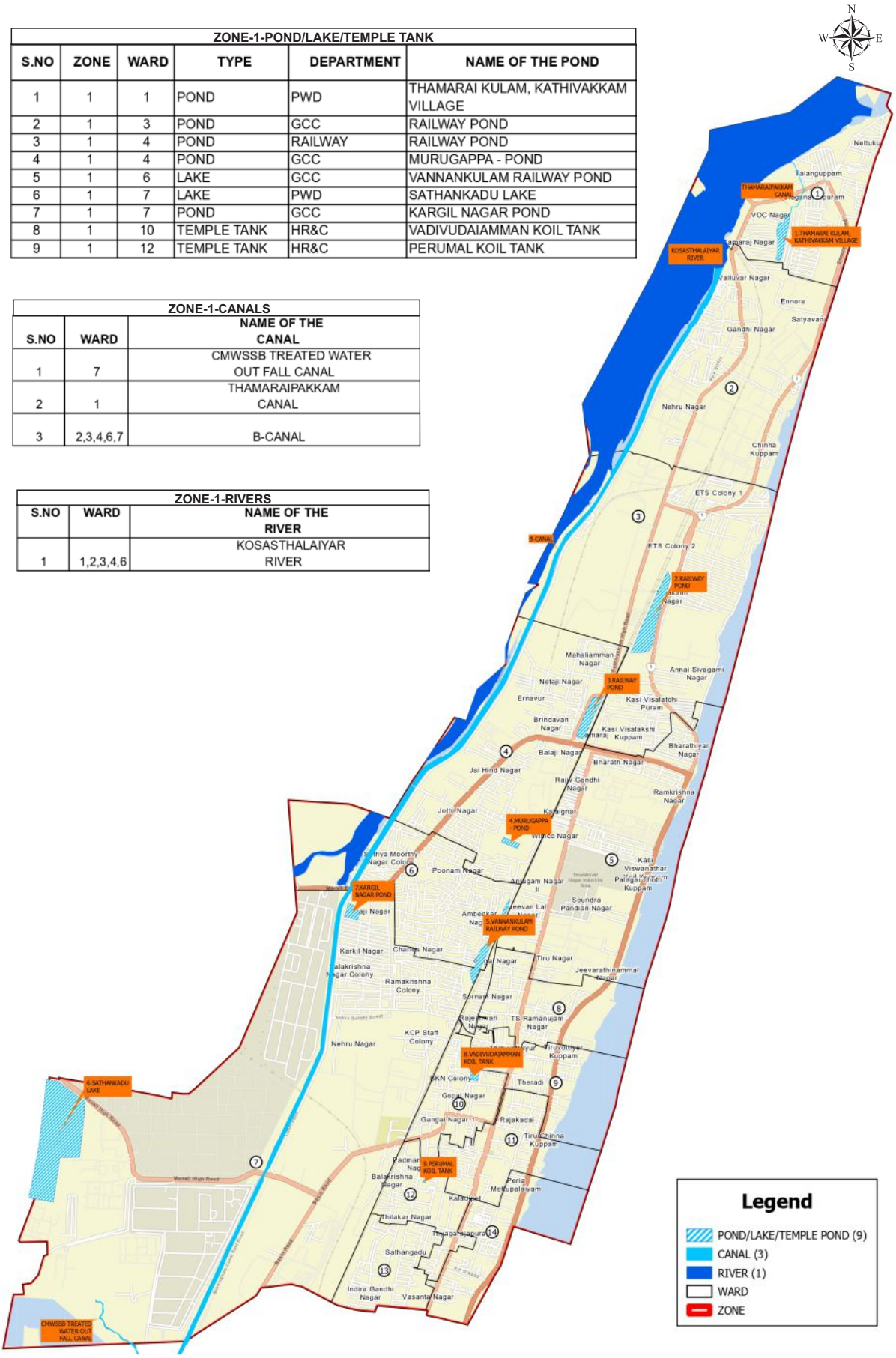
Sl. No	Ward No	Name of other water bodies	Length / Area
1	7	Sathankadu Eri	3,12,000 m^2
2	10	Vadivudaiyamman Koil tank	7,631 m^2
3	11	Perumal koil tank	6,250 m^2
4	1	ThamaraiKulam pond	42,103 m^2
5	6	Jothi Nagar Pond near Vivekanan - da School	5,950 m^2

ZONE 1 - WATER BODIES

ZONE-1-POND/LAKE/TEMPLE TANK					
S.NO	ZONE	WARD	TYPE	DEPARTMENT	NAME OF THE POND
1	1	1	POND	PWD	THAMARAI KULAM, KATHIVAKKAM VILLAGE
2	1	3	POND	GCC	RAILWAY POND
3	1	4	POND	RAILWAY	RAILWAY POND
4	1	4	POND	GCC	MURUGAPPA - POND
5	1	6	LAKE	GCC	VANNANKULAM RAILWAY POND
6	1	7	LAKE	PWD	SATHANKADU LAKE
7	1	7	POND	GCC	KARGIL NAGAR POND
8	1	10	TEMPLE TANK	HR&C	VADIVUDAIAMMAN KOIL TANK
9	1	12	TEMPLE TANK	HR&C	PERUMAL KOIL TANK

ZONE-1-CANALS		
S.NO	WARD	NAME OF THE CANAL
1	7	CMWSSB TREATED WATER OUT FALL CANAL
2	1	THAMARAIPAKKAM CANAL
3	2,3,4,6,7	B-CANAL

ZONE-1-RIVERS		
S.NO	WARD	NAME OF THE RIVER
1	1,2,3,4,6	KOSASTHALAIYAR RIVER



Storm water Drains

The SWD network of any urban centre is a vital network that plays a critical part during the monsoon by facilitating drainage of runoff rain water from roads. 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 Stormwater Drain has been Constructed under ADB Fund however, there is also Presence of Katcha Drains.

362 storm water drains to a length of 92.37Km were constructed to ease the flow of rain water in Thiruvottriyur zone. The details of SWD are given below.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs in 'm'
1	1	20	6101
2	2	13	3837.5
3	3	9	6173
4	4	59	11380
5	5	9	5648.3
6	6	95	15951.9
7	7	107	25948.5
8	8	3	2280
9	9	8	2083.9
10	10	9	2140
11	11	9	3359
12	12	11	2383
13	13	5	2335
14	14	5	2748.5
Total		362	92370

Water stagnated streets in the monsoon-2015 - 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. Most of the locations were flooded during the North-East Monsoon 2015



Nandhi Odai

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 8th 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 Express 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 12th 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 Service 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	Thiruvottriyur 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

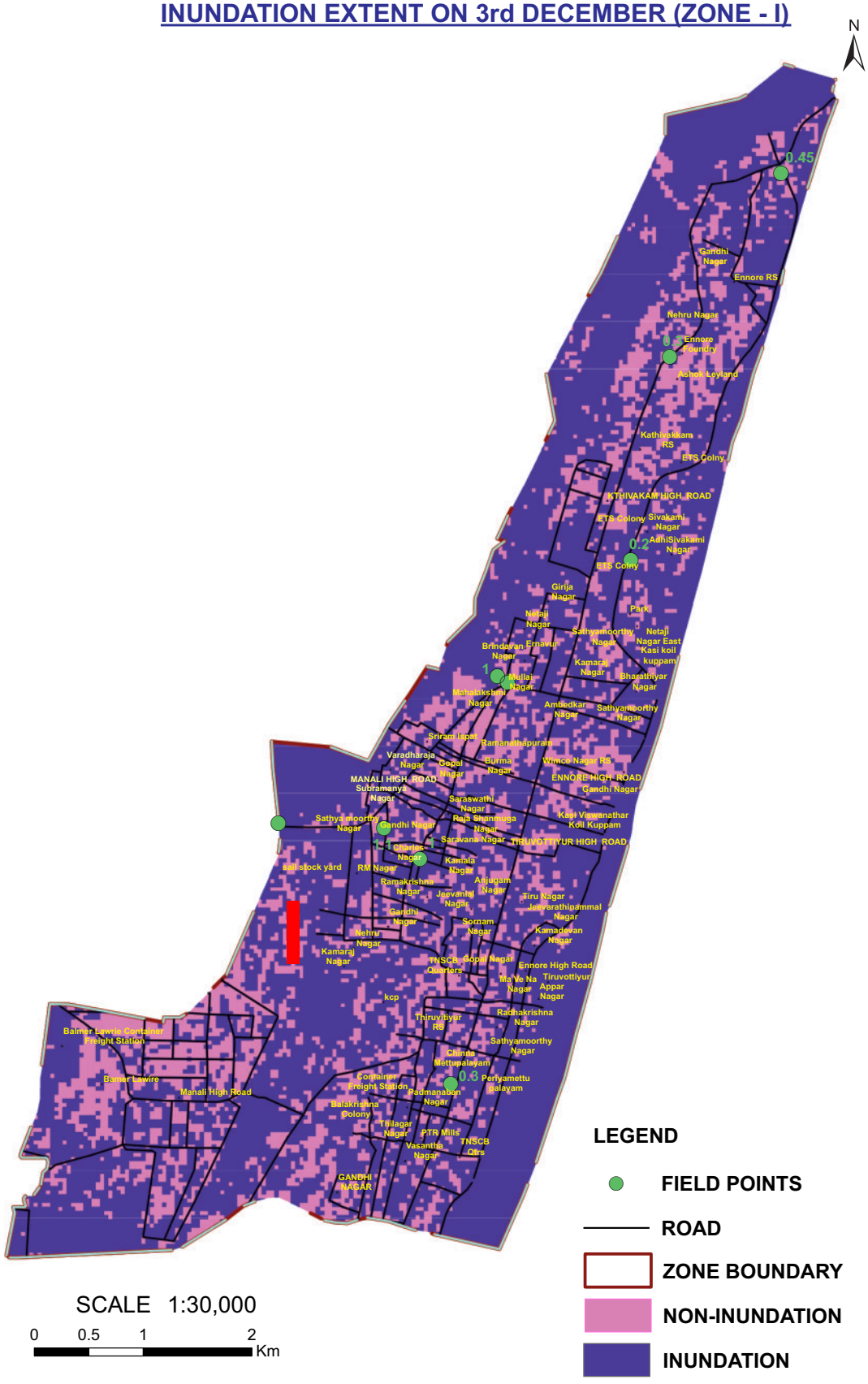
Anna University has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation 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.

Water stagnated streets in the monsoon 2015 - mild rain

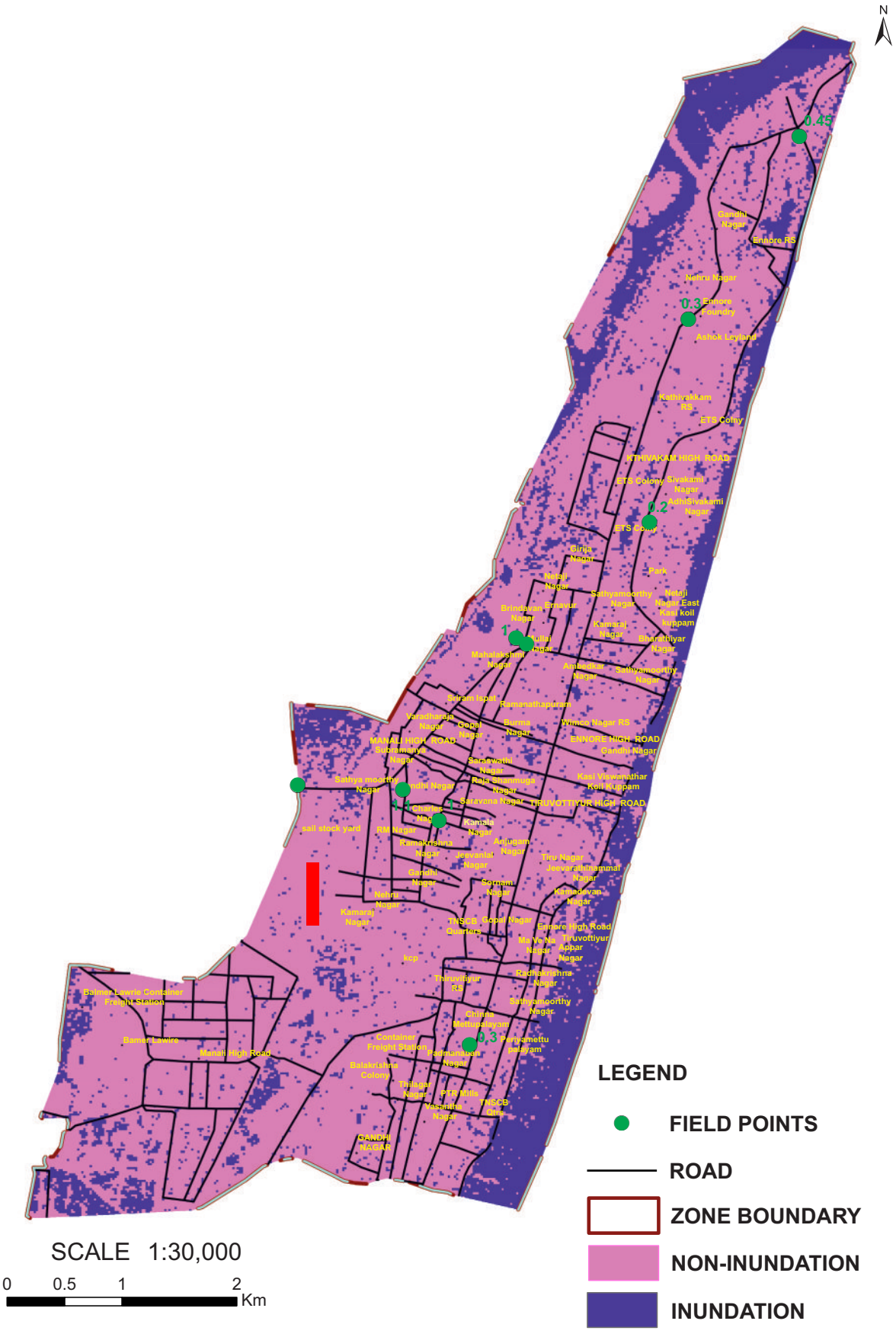
S. No.	Ward	Name of the Street
1	1	SVM Nagar
2	2	K.H . Road (Shopping Complex)
3	3	Annai sivagami nagar
4	4	Mettu 4th cross street
5	6	Manali Express Road
6	7	Kargil Nagar
7	7	Vetri Vinayagar Nagar
8	7	Rajaji Nagar
9	10	Nandhi odai Kuppam
10	12	B.K.N Colony (police quarters)
11	12	Thilagar Nagar
12	14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

INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE

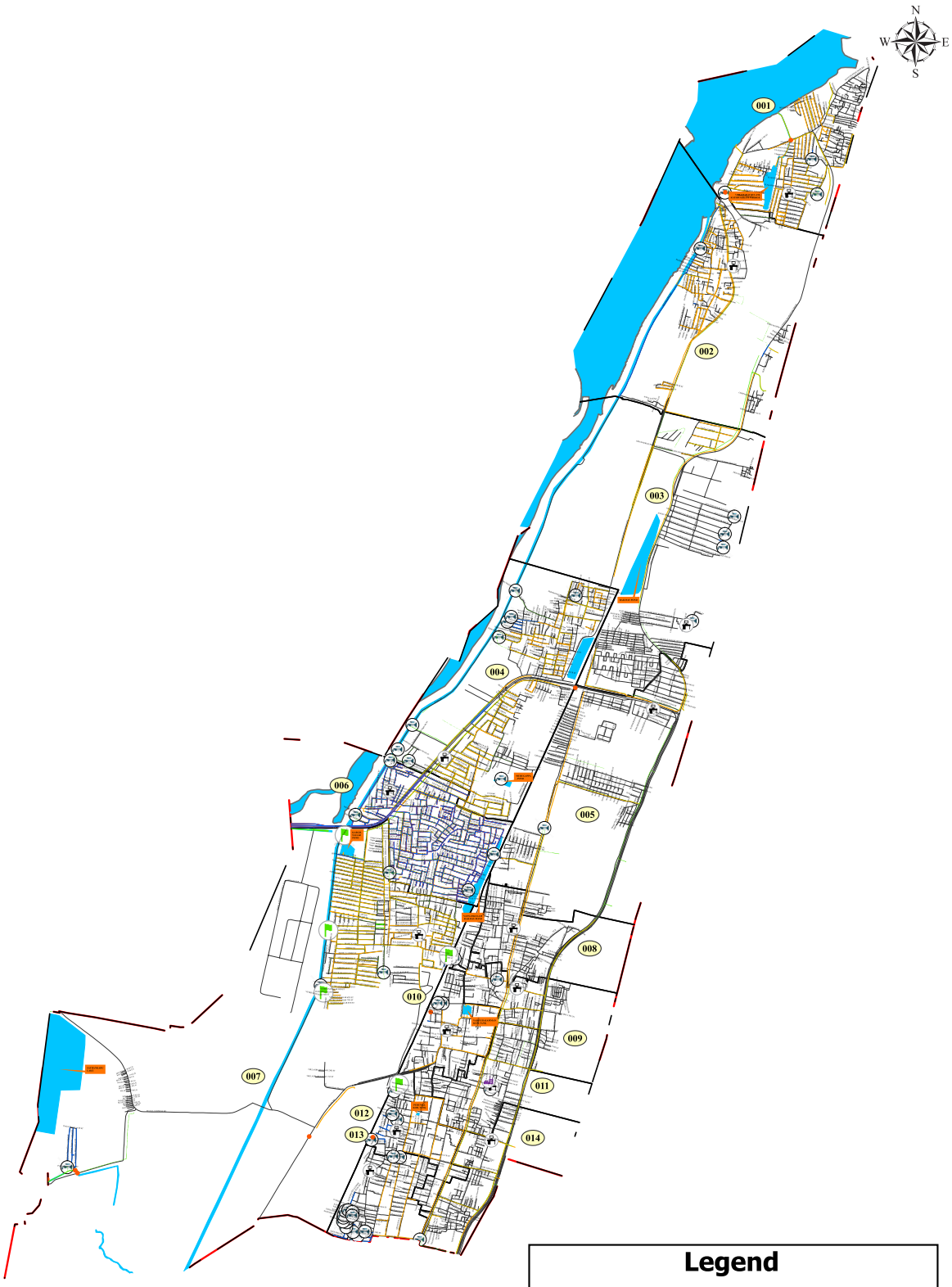
INUNDATION EXTENT ON 3rd DECEMBER (ZONE - I)



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



ZONE 1
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS



Water stagnated streets in the monsoon 2015 - 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	Thiruvottriyur 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

Sl. No.	ward /Name	Name of the Streets	No. of manholes
1	13	Gandhi nagar	4
2	12	Police Quarters	1
		Total	5

Relief Centres

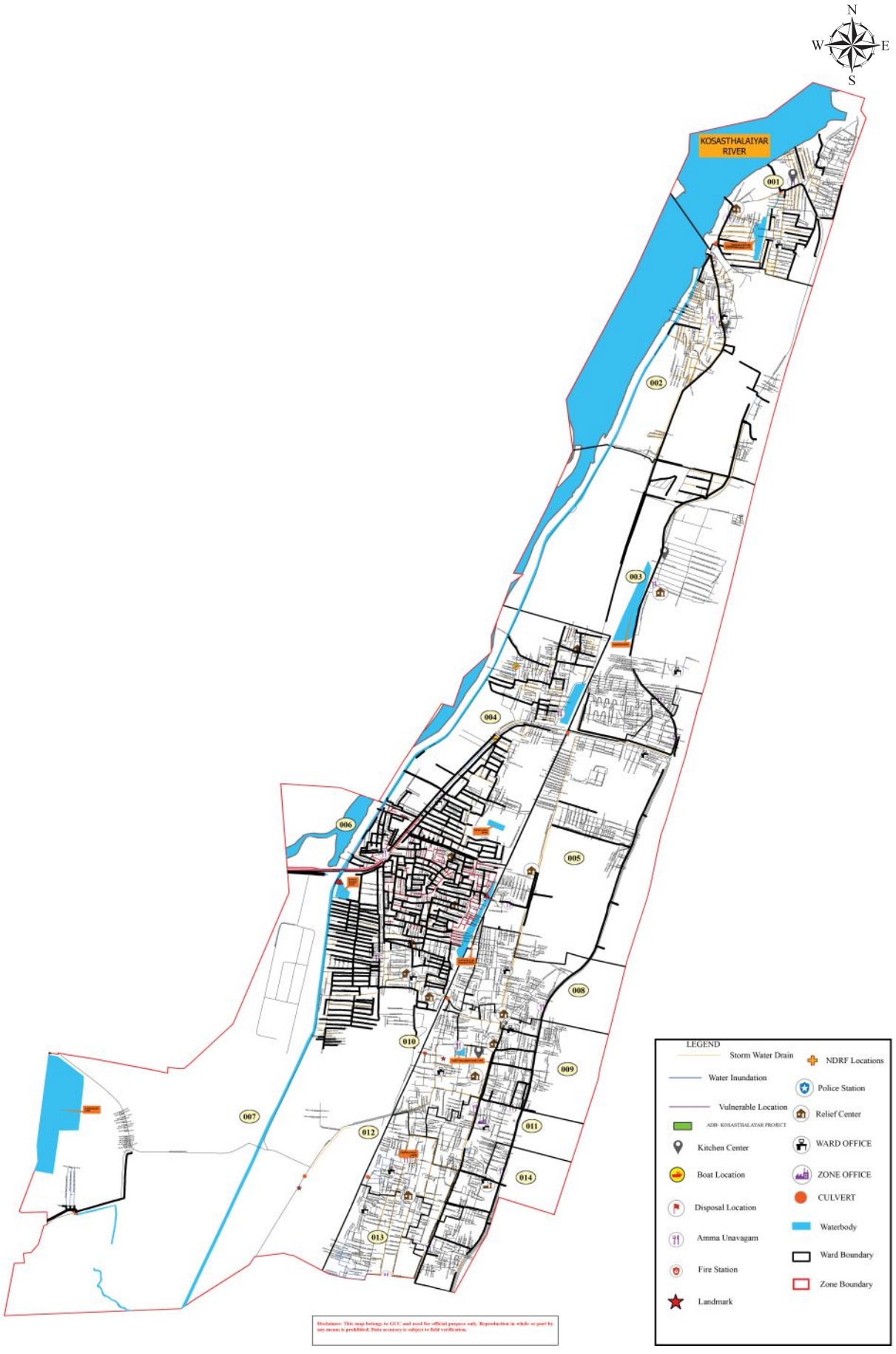
There are 12 relief centres to a total capacity of 2880 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

Sl. 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.
1	1	300	Govt. Higher Sec. School, Kathivakkam	Thalankuppam, Nettukuppam	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025802
								Evacuation & Relief Materials	Assistant Engineer	9445190301
								Food & Drinking water	Assistant Revenue Officer	9445190081
2	2	200	CMS, Nehru nagar, Ennore	Sweepers colony, Valluvar nagar, south lock road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025802
								Evacuation & Relief Materials	Assistant Engineer	9445190302
								Food & Drinking water	Assistant Revenue Officer	9445190081
3	3	200	CPS, AS Nagar	Annai Sivagami nagar	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025802
								Evacuation & Relief Materials	Assistant Engineer	9445190303
								Food & Drinking water	Assistant Revenue Officer	9445190081
4	4	300	CPS Mahaliaman koil school st, Ernavoor	A.D Colony	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025805
								Evacuation & Relief Materials	Assistant Engineer	9445190304
								Food & Drinking water	Assistant Revenue Officer	9445190081

Sl. 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.
5	5	200	Jayagopal Garodiya Govt. Hr. Sec. School, T.H.Road.	Palagai thotti kuppam	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025805
								Evacuation & Relief Materials	Assistant Engineer	9445190305
								Food & Drinking water	Assistant Revenue Officer	9445190081
6	6	600	Ready Made School, Raja Shan-mugam Nagar.	Raja shan-mugam nagar.	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025806
								Evacuation & Relief Materials	Assistant Engineer	9445190306
								Food & Drinking water	Assistant Revenue Officer	9445190081
7	7	300	Kalaimagal School, Saravana Nagar.	Saravana Nagar	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025807
								Evacuation & Relief Materials	Assistant Engineer	9445190307
								Food & Drinking water	Assistant Revenue Officer	7904146342
8	8	100	Mahaveer jain School, T.H.Road.	Rettai malai srinivasan nagar	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025809
								Evacuation & Relief Materials	Assistant Engineer	9445190308
								Food & Drinking water	Assistant Revenue Officer	7904146342

Sl. 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.
9	9	200	Gowri Ashramam, T.H Road	Kargil Nagar & Rajaji Nagar	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025809
								Evacuation & Relief Materials	Assistant Engineer	9445190309
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
10	10	150	Poonthot-tam School, T.H Road	Nandhi odai & Sadayan kuppam vattai	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025810
								Evacuation & Relief Materials	Assistant Engineer	9445190310
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
11	11	150	CMS School, Market Lane.	Srini-vasapuram, B.K.N Colony	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9499934325
								Evacuation & Relief Materials	Assistant Engineer	9445190311
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342
12	12	180	St.Pauls school, Sathankad High Road	Gandhi Nagar 1-5 street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9445025812
								Evacuation & Relief Materials	Assistant Engineer	9445190312
								Food & Drinking water	Assistant Revenue Officer	7010123899 7904146342

ZONE 1
EVACUATION & RELIEF SHELTERS



Subways

There is one subway at Manickkam Nagar in Thiruvottriyur 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.

Sl. 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	Railway pond	Electrical Pumps: 5HP-2nos, 1HP Jet motor -1 Diesel Pump:6.5HP-1



Manickkam Nagar Subway

Tree fall

During the last monsoon, in Thiruvottriyur 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

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 beul 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 are as below,



KALAIGNAR NAGAR

Sl.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 Thiruvottriyur 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.



Vetri vinayagar nagar

Sl. 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	Jayagopal Garden in School
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.

Sl. No.	Ward	Contact person	
		Designation	Phone number
1	1 to 3	Assistant Engineer	9445190901
2	4, 5 & 8	Junior Engineer	9445190904
3	6 & 7	Junior Engineer	9445190902
4	8, 9 & 10	Junior Engineer	9445910963
5	9 to 14	Junior Engineer	9445190903
6	1 to 14	Additional Divisional Engineer (Zone)	9445190041
6	1 to 14	Divisional Engineer (HQ)	9445190753

National Disaster Response Force (NDRF)

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

S.No	Ward. No.	Where NDRF to be stationed and deployed
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



KARGIL 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.

Sl.No.	Ward	Number of boats required with location /evacuation areas	Contact person & Number
1	4	Mullai Nagar	Assistant Engineer 9445190304
2	6	Sathyamoorthy nagar	Assistant Engineer 9445190306
3	6	Madura nagar	Assistant Engineer 9445190306

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 163 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 – 9445727777

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190301
GCC – Electrical (street light)	Assistant Engineer	9445190901
GCC- Health	Sanitary Inspector	9445025801
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9176372907
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930001
TANGEDCO	Junior Engineer	9280076290
BSNL	Assistant Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-M5	9498100239
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 2
Ward councillor – 8056161161

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190302
GCC - Electrical	Assistant Engineer	9445190901
GCC- Health	Sanitary Inspector	9445025802
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9283290636
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930901
TANGEDCO	Junior Engineer	9280076290
BSNL	Executive Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-M5	9498100239
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee –3
Ward councillor – 9884303000

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190303
GCC - Electrical	Assistant Engineer	9445190901
GCC- Health	Sanitary Inspector	9445025803
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9080057663
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930003
TANGEDCO	Junior Engineer	9280076290
BSNL	AssistantEngineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-M5	9498100239
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 4

Ward councillor – 9840823517

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190304
GCC - Electrical	Assistant Engineer	9445190904
GCC- Health	Sanitary Inspector	9445025804
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9080057663
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930003
TANGEDCO	Junior Engineer	9280076290
BSNL	Executive Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-M5	9498100239
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 5

Ward councillor – Vacant

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190305
GCC - Electrical	Assistant Engineer	9445190904
GCC- Health	Sanitary Inspector	9445025805
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9791189391
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930005
TANGEDCO	Junior Engineer	9280076290
BSNL	Executive Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100239
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	9789943497

Ward committee – 6
Ward councillor – 9841233335

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190306
GCC - Electrical	Assistant Engineer	9445190902
GCC- Health	Sanitary Inspector	9445025806
GCC - Veterinary	Veterinary Assistant Surgeon	9787032116
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9940232311
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930006
TANGEDCO	Junior Engineer	9445850908
BSNL	Assistant Engineer	9486106259
Fire service	Inspector	9444091140
Police station	Inspector-M8	9498100229
PWD	Assistant Engineer	9444882585
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 7
Ward councillor – 9962541122

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190307
GCC - Electrical	Assistant Engineer	9445190902
GCC- Health	Sanitary Inspector	9445025807
GCC - Veterinary	Veterinary Assistant Surgeon	9787032116
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9940232311
Revenue	Revenue Inspector	9786166726
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930007
TANGEDCO	Junior Engineer	9445850908
BSNL	Assistant Engineer	9486106259
Fire service	Inspector	9444091140
Police station	Inspector-M8	9498100229
PWD	Assistant Engineer	9444882585
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 8
Ward councillor – 7401117889

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190308
GCC - Electrical	Assistant Engineer	9445910963
GCC- Health	Sanitary Inspector	9445025808
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	7907471809
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930008
TANGEDCO	Junior Engineer	9280076290
BSNL	Executive Engineer	9445910963
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9444882585
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 9
Ward councillor – 7200905993

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190309
GCC - Electrical	Assistant Engineer	9445910963
GCC- Health	Sanitary Inspector	9445025809
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	7907471809
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930009
TANGEDCO	Junior Engineer	9280076290
BSNL	Assistant Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9444882585
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 10
Ward councillor – 9941441508

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190310
GCC - Electrical	Assistant Engineer	9445910963
GCC- Health	Sanitary Inspector	9445025810
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9790793366
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930010
TANGEDCO	Junior Engineer	9280076290
BSNL	Assistant Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 11
Ward councillor – 9884279999

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190311
GCC - Electrical	Assistant Engineer	9445190903
GCC- Health	Sanitary Inspector	9445025811
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9094198866
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930011
TANGEDCO	Junior Engineer	9280076290
BSNL	Executive Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 12
Ward councillor – 9884630696

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190312
GCC - Electrical	Assistant Engineer	9445190903
GCC- Health	Sanitary Inspector	9445025812
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	9840487866
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930012
TANGEDCO	Junior Engineer	9280076290
BSNL	Assistant Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 13
Ward councillor – 9840715034

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190313
GCC - Electrical	Assistant Engineer	9445190903
GCC- Health	Sanitary Inspector	9445025813
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	-
GCC - Revenue	Tax Collector	8248197876
Revenue	Revenue Inspector	7401338738
GCC - Park overseer	Park Supervisor	7871819403
CMWSSB	Assistant Engineer	8144930013
TANGEDCO	Junior Engineer	9280076290
BSNL	Assistant Engineer	9445112241
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9688955546
TNUHDB	Assistant Engineer	9487077379
Highways	Divisional Engineer	8939310254

Ward committee – 14

Ward councillor – 9840337783

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190314
GCC - Electrical	Assistant Engineer	9445190903
GCC- Health	Sanitary Inspector	9445025814
GCC - Veterinary	Veterinary Assistant Surgeon	7010383983
GCC - Solid waste management	Sanitary Inspector	9445190514
GCC - Revenue	Tax Collector	7708257713
Revenue	Revenue Inspector	7871819403
GCC - Park overseer	Park Supervisor	8144930014
CMWSSB	Assistant Engineer	9280076290
TANGEDCO	Junior Engineer	9498033633
BSNL	Assistant Engineer	7708257713
Fire service	Inspector	9444091140
Police station	Inspector-H8	9498100229
PWD	Assistant Engineer	9444842587
TNUHDB	Assistant Engineer	8778299581
Highways	Divisional Engineer	9442026566

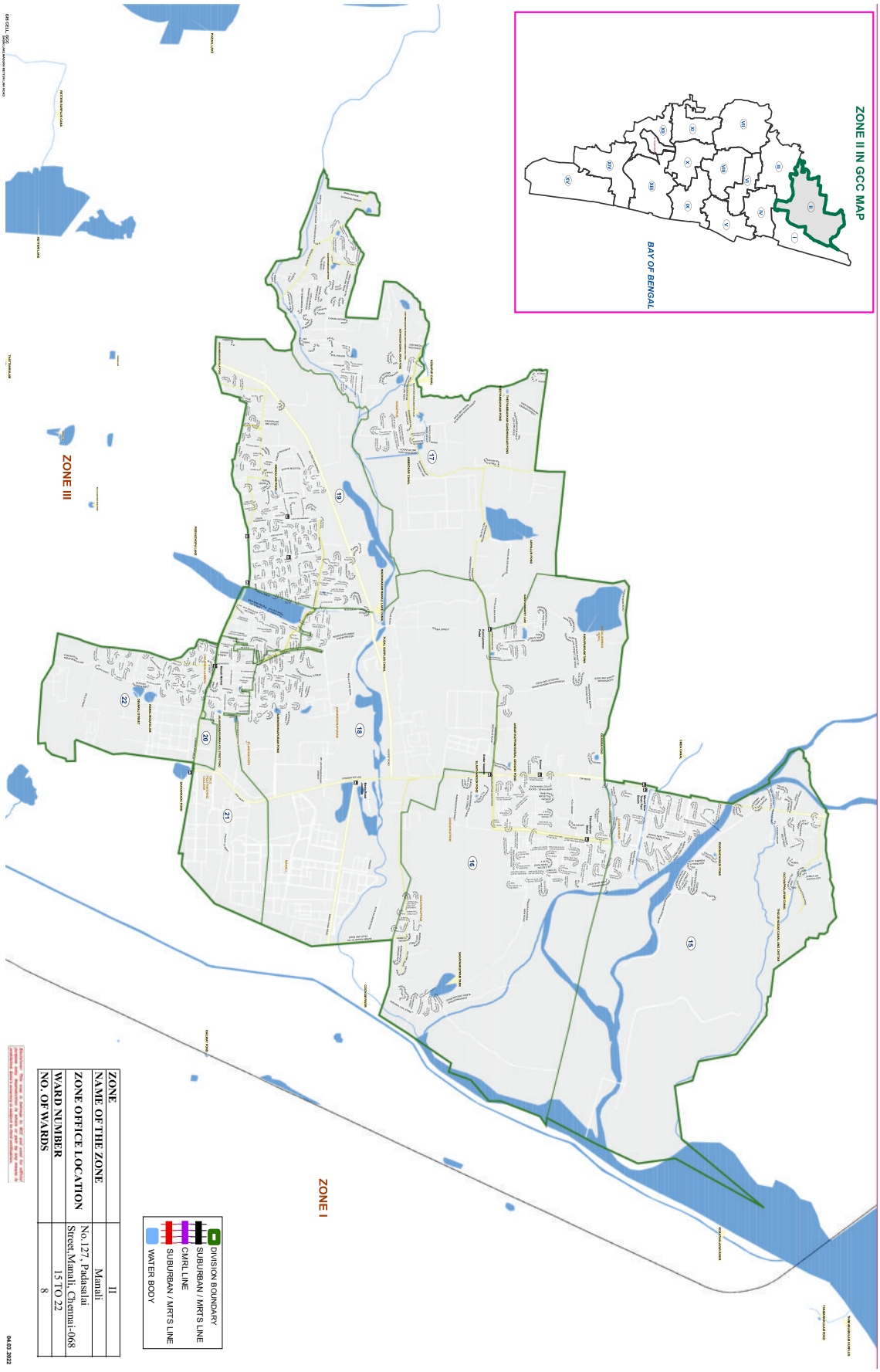
ZONE - II

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	242
2	Zone Administration	243
3	Public Health & Disease Control	244
4	Parks	244
5	Sewage Pumping Station	246
6	Tamilnadu Urban Habitat Development Board	247
7	Water Bodies and Waterways	247
8	Storm Water Drain	252
9	Water stagnated streets in the previous monsoon - heavy rainfall	254
10	Water stagnated streets in the previous monsoon - mild rainfall	254
11	Water stagnated streets in the previous monsoon - moderate rainfall	258
12	Stagnation of water in streets due to sewer block	258
13	Relief centre	258
14	Subway	264
15	Tree fall	264
16	Streets - where water entered houses - do not require evacuation	264
17	Streets that require evacuation	265
18	Lighting facilities	266
19	National Disaster Response force	266
20	Rescue Boats	267
21	Transport Equipments & Lorries	267
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	268
23	Ward Committee	269

MANALI

ZONE II - WARD BOUNDARY



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 1355 roads, out of which 1344 roads to a length of 209.68 Km are Interior Roads, 11 Roads to a length of 13.31 Km are Bus Route Roads which are maintained by GCC and the remaining 16 roads are under the maintenance of State Highways(11) & NHAI(5) 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 dense area in the zone is MMDA Mathur with a population of 49230 and the least in Vadaperumbakkam with a population of 7550.The Ward wise population of the zone is given below.

Sl.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 Engineer, Assistant Revenue Officers and Zonal Health Officers. They are equipped with supporting subordinate staff. The following are contact details of the officials/elected members. The responsibilities of each officer are well described in the page number 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

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

Solid Waste Management

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

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Sanitary Officer	Unit-4	8072339289
2.	Sanitary Officer	Unit-5	9383256574

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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone II	9445190062
2	Zonal Medical Officer	Zone II	8248397644
3	Veterinary Surgeon	Zone II	9445026042
4	Junior Entomologist	Zone II	6380072987
5	Sanitary Officer	Unit-4	8072339289
6	Sanitary Officer	Unit-5	9383256574

Parks

There are 41 Parks available in Edayanchavadi, Andarkuppam, Vadaperumbakkam, Manali & MMDA Mathur, Chinnasekkadu. 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,

Sl. No.	Team member contact No	Equipment available	Area of operation
1	Park Supervisor 9080642390	7-Petroloperator tree cutting Saw 8-Telescopic Tree Pruner, 1 - Sakthiman Vehicle	Manali

S.No	Ward	Name Of Park	Location of the Park
1	15	CPS-6	CPS-6 PARK AT MANALI NEW MANALI NEW TOWN BLOCK 54
2	15	CPS-7	MANALI NEW TOWN BLOCK NO 63 CPS-7
3	15	CPS-8	MANALI NEW TOWN BLOCK NO 65 CPS-8
4	15	CPS-9	MANALI NEW TOWN BLOCK NO 29 & 30 CPS-9
5	15	CPS-10	MANALI NEW TOWN BLOCK NO 26 CPS 10
6	15	Thulasi Nagar park	Thulasi Nagar in DN-15, Z-02
7	15	Ponniamman nagar park	ponniamman Nagar in DN -15, Z-02
8	15	Manali new town 45th block	13th Main Road Survey No: 337 & 338
9	15	Vetri Nagar	Old Colony
10	16	TNHB Phase II Park	Park at TNHB Phase 2 Block 3
11	16	CPS-1	Manali New Town Block 134 &135 CPS-1
12	16	CPS-2	Manali New Town Block 100 &101 CPS-2
13	16	CPS-3	Manali New Town Block 90 CPS-3
14	16	CPS-4	Manali New Town Block 52 CPS-4
15	16	CPS-5	Manali New Town Block 78 CPS-5
16	16	Kanniammanpet Park	Kanniammanpet Park (New park)
17	16	RL Nagar Park	RL Nagar Div -16
18	16	Thanigai nagar park	Thaigai Nagar, Manali new town in Dn-16, Z-02
19	17	Thirupathi Devasthanam Park	Thirupathi Devasthanam Park
20	17	VS Mani Nagar park	VS Mani Nagar Div-17
21	17	Vadarperumabakkam park	Puzhal union raod div-17
22	17	Thiyagi vishwanathadass Park	Thiyagi vishwanathadass Nagar in Div-17, Z-02
23	16	Kanniammanpet Park	Kanniammanpet Park (New park) in Dn - 16, Z - 02

S.No	Ward	Name Of Park	Location of the Park
24	18	Nedunchezhiyan Street Park	Nedunchezhiyan Street
25	18	Vimalapuram Park	Vimalapuram 2nd Street
26	18	CPCL Park	CPCL 4th Street
27	18	CPCL Layout Park	CPCL Layout
28	18	Andarkuppam Park	Andarkuppam Redhills High Road
29	19	Lake View Park	Lake View Park
30	19	MMDA 34th Street Park	MMDA 34th Street
31	19	MMDA 2nd Main Road Park	MMDA 2nd Main Road
32	19	CPCL Layout, 3rd Main road park	CPCL Layout, 3rd Main road, junction of Manali Kosappur High-ways & 200ft road in Div-19, Z-02
33	19	CPCL Layout, 12th street park	CPCL Laout, 12th streeet Man jambakkam in Div-19, Z-02
34	19	Gokulam park	Gokulam Street
35	19	MMDA 64th street park	MMDA 64th street in Div-19, Z-02
36	19	MMDA 71th street park	MMDA 71th street in Div-19, Z-02
37	19	MMDA 118th street park	MMDA 118h street in Div-19, Z-02
38	19	Bhuvaneshwary nagar park	Bhuvaneshwary nagar in div-19, Z-02
39	20	Chinna mathur Salai park	Chinn mathur Salai
40	21	Jalagandamariamman koil street park	Jalagandamariamman koil street
41	22	Devarjan street park	Devarajan street Chinnasekkadu div-22

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,

Sl.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
3	Mathur, MMDA Sewage Pumping Station	1.6 MLD	20HPSubmersible pumpset-1
	Total	4.5 MLD	

Tamilnadu Urban Habitat Development Board

Construction of tenements at Manali new town phase - 1, 18th & 19th Main Road in Div - 15 & 16 ; Manali new town 15th Main road Near Govt. Hospital in Div - 15, Manali new town 15 th Main road Near Chruch in Div 15 , Zone – 02 (Not Occupied)

Construction work under progress - Manali new town 150Feet road Near CMDA canal Disposable Point in Div - 15, Zone - 2

Water Bodies and Waterways

There are 2 rivers passing in this zone (1) Kosasthalaiyar River which originates from Old napalayam travels about 9.60 Km and disposes via Sadayankuppam B' canal (2) Puzhal Surplus Water Way which originates from MRH Road (Vadaperumbakkam) about 9.50 Km and disposes via Chittar Sadayankuppam B' canal.

Rivers

Sl. No.	Name of the Canal	Wards Covered	From	To	Length of Canal (Km)
1	Kosathalaiyar River	15,16	Old napalayam	Sadayankuppam B' canal	9.60
2	Puzhal Surplus Water Way	16,17,18	Sumangali nagar	Sadayankuppam B' canal	9.50
Total					19.10

There are 12 Canals passing in this zone (1) Thulasinagar canal maintained by GCC which originates from Thulasinagar travels about 1.8Km in the zone and disposes via Chinnaru connection old Nappalayam to Edayanchavadi (2) Old Nappalayam canal maintained by GCC which touches the zone at Vellivoyalchavadi travels about 1.6 Kmin 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) Chettimedu - Kosapur Canal maintained by GCC which touches the zone at Kathakuzhi travels about 0.963 Km in the zone and disposes through Puzhal surplus (5) Ambedkar canal maintained by GCC which touches the zone at Vembuliammankulam travels about 1.20 Km in the zone and disposes through Puzhal Surplus water (6) Periyarnagar - Sendrambakkam surplus canal maintained by GCC which touches the zone at The eyambakkam gandhinagar travels about 0.795 Km in the zone and disposes through Ariyaklu lake and (7) CPCL canal maintained by GCC which touches the zone at CPCL lay out connecting Chinnamathur -SRF travels about 1.2 Km in the zone and disposes through Puzhal Surplus water. (8) Toshiba canal maintained by GCC which originates from Andarkuppam redhills road travels about 2.54 Km in the zone and disposes via Puzhal Surplus Water (9) Manali express road maintained by GCC which originates from IAL Company travels about 0.70Km in the zone and disposes via B - canal (10) TPP Salai canal maintained by GCC which originates from TPP Salai (CPCL Company) travels about 2.205Km in the zone and disposes via Puzhal Surplus Water (11) Jaheerhussain Canal maintained by GCC which originates from Police quarters travels about 1.445Km in the zone and disposes via Police quarters (12)Velu Street to C Tex Canal maintained by GCC which originates from Windrow premesis travels about 3.040 Km in the zone and disposes via C-tex.

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 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 136.59 km to ease the flow of rain water.

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

Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	Length of Canal (Km)
1	Thulsinagar canal	15	Thulasi Nagar	Chinnaaru	1.80
2	Old Nappalayam canal	15	Vellivoyalchavadi	Kosasthalaiyar River	1.60
3	CMDA Canal - along 80 feet road	15	Vichur	Kosasthalaiyar River	1.20
4	Chettimedu - Kosapur Canal	17	Kathakuzhi	Puzhal Surplus Water	0.963
5	Ambedkar Canal(Earthern Canal)	17	Vembuli Amman Kulam	Puzhal Surplus Water	1.20
6	Periyarnagar Sendram-bakkam surplus canal (Earthen canal)	17	The eyambakkam gandhinagar	Ariyalur lake	0.795

7	CPCL CANAL Connecting Chinnamathur road to 200'ft road SRF	18	Chinnamathur - SRF	Puzhal Surplus Water	1.20
8	Toshiba canal	18	Andarkuppam redhils road	Puzhal Surplus Water	2.54
9	Manali Express Canal	18	IAL Company	B - canal	0.700
10	TPP Salai canal	18	TPP Salai (CPCL Company)	Puzhal Surplus Water	2.205
11	Jaheer hussain Canal	18, 20 & 21	Police quarters	Puzhal Surplus Water	1.445
12	Velu Street to C Tex Canal	22	Windrow premesis	Cetex	3.040
	Total				18.68

Other water bodies

(a) Ponds

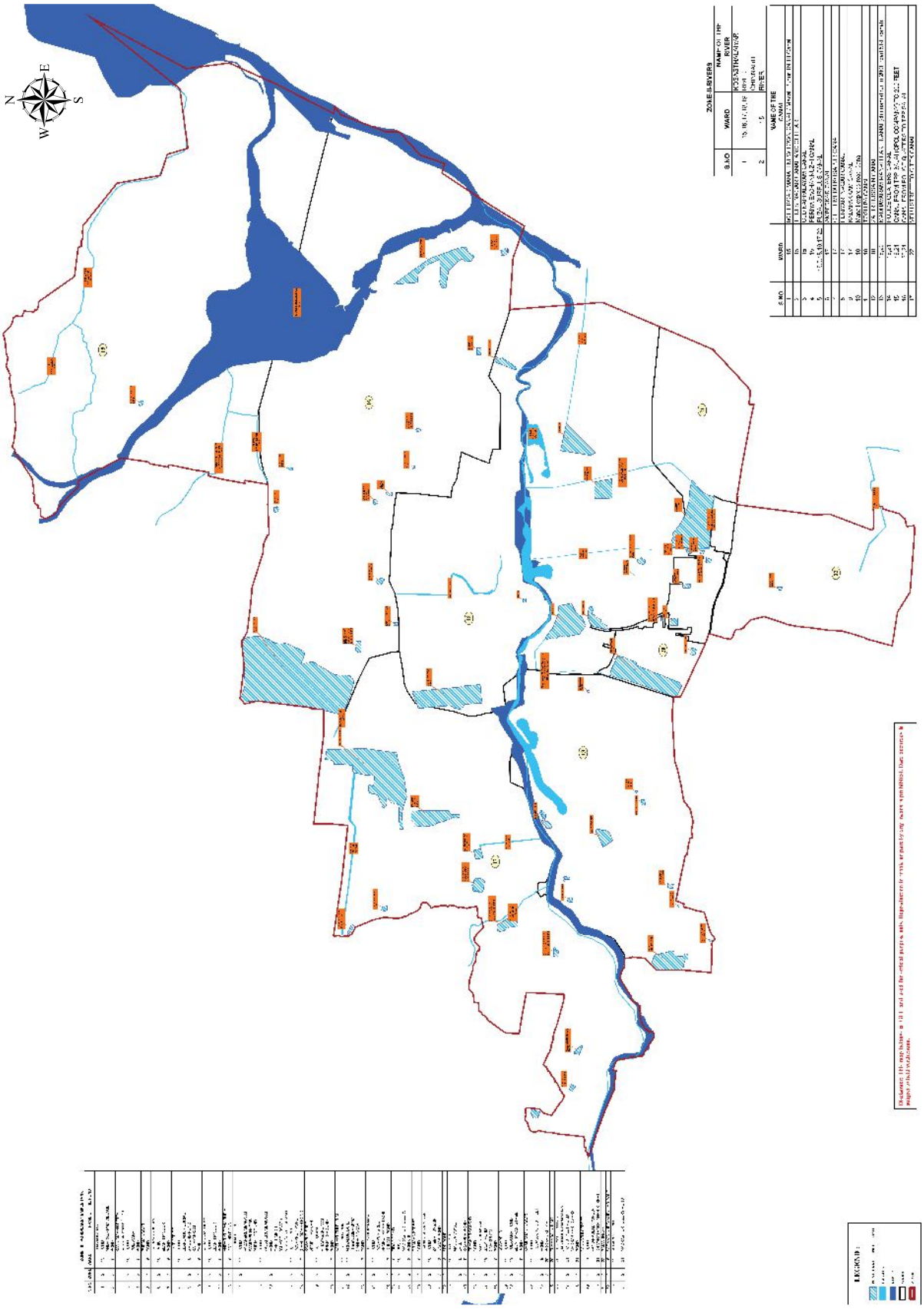
Sl No	Ward No	Name of other water bodies	Length / Area m^2
1	15	Edayanchavadi Vinayagar koil Pond	3240
2	16	Elanthanoor - Pond	1320
3	16	Burma Nagar Pond	600
4	16	Andarkuppam Village Pond	2000
5	16	Andarkuppam burial ground - Pond	600
6	16	Kulakarai - Pond	1710
7	16	Kanniamman pettai, Kanniamman Koil st - Pond	1800
8	16	Kamarajapuram - Pond	750
9	16	Sadayankuppam irular colony pond	4000
10	16	KGL Nagar pond	1400
11	17	Vadaperumbakkam - Pond	2482
12	17	Vinayagapuram Burial Ground - Pond	3082
13	17	Vadaperumbakkam Samuvel nagar Burial Ground - Pond	2381
14	17	Kathakuzhi Burial Ground - Pond	5683
15	17	Kosapur Sree Vempuliamman koil kulam - Pond	6381
16	17	Kosapur Sree Chelliamman koil kulam - Pond	4382
17	17	Theeyambakkam - Pond	1632

18	17	Theeyambakkam Gandhinagar - Pond	4834
19	17	Chinna thoppu - Pond	4632
20	17	Chettimedu (Gnayiru Road) Near Sakthi amman koil - Pond	1362
21	18	Harikrishnapuram - Pond	1950
22	18	Gramma street pond	4500
23	19	Teachers Colony - Pond	2620.52
24	19	Masillamani Nagar - Pond	3595
25	19	Omakulam - Pond	6025
26	19	Kulakarai - Pond	2760
27	19	Ellatharasi Street pond , Manjambakkam	2689.05
28	19	Pillayar Koil Street pond, Manjambakkam	1263.6
29	19	Manjambakkam pond	1120.34
30	19	Kosappur Pond	6474.97
31	21	Thamaraikulam - Pond	6881
32	20	Poosanee kulam pond	2120
33	21	Jalakandamariamman Koil Street - Pond	2300
34	21	Vaniankulam Pond at Dr.Varatharajanar Street	1440
35	21	Sannathi street pond	3240
36	22	Devarajan street Ramalingakulam Pond	1097

(b) Lakes

Sl No	Ward No	Name of other water bodies	Length / Area
1	16	Kadapakkam Panchayath Lake	602981.61 GCC
2	16	Sadayankuupam Panchayath Lake	317500.00 GCC
3	17	Ariyalur Lake	60702.85 PWD
4	17	Ariyalur, Kosapur Lake	46943.576 M2 / GCC
5	18	Amullaivoyal Lake	182109.00 GCC
6	19	Manjambakkam	91800 GCC
7	20	Manali	117358.836 TANUVAS

ZONE II - WATER BODIES



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.

584 storm water drains to a length of 136.59 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.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs in 'Km'
1	15	85	16.70
2	16	85	25.09
3	17	71	29.87
4	18	95	12.39
5	19	82	23.11
6	20	61	9.01
7	21	35	8.21
8	22	70	12.22
	Total	584	136.59

Water stagnated streets in the monsoon 2015 - heavy rain fall

During the last monsoon, 17 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 2025 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,

GCC+NDRA WATER STAGNATION LIST DURING NORTH EAST MONSOON					
Sl. No.	Zone No.	Dn. No.	Name of the Location	Action taken for this Year	Remarks
1	2	15	New Nappalayam (Perumal Koil Back Side)	25HP tractor motor to be installed	Back water of Kosasthalaiyar river
2	2	15	New Nappalayam (Perumal Koil Lane)	25HP tractor motor to be installed	Back water of Kosasthalaiyar river
3	2	15	Old napalayam (Government high school)	25HP tractor motor to be installed	-
4	2	16	Kanniammanpet	25HP tractor motor to be installed SWD to be constructed (Drain Size:1.5*1.5)	Surplus water from kadapakkam lake
5	2	17	Ariyalur	100HP motor to be installed SWD to be constructed (Drain Size : 1.5 * 1.5)	Surplus water from kadapakkam lake
6	2	17	Periyar nagar	100HP motor to be installed SWD to be constructed (Drain Size : 1.2 * 1.2)	Excess water from Vilangadupakkam
7	2	18	Kalaingar nagar 5th street	25HP tractor motor to be installed SWD to be constructed (Drain Size : 0.6 * 0.75)	Back water of puzhal surplus canal
8	2	18	Kalaingar nagar 7th street	25HP tractor motor to be installed SWD to be constructed (Drain Size : 0.6 * 0.75)	Back water of puzhal surplus canal
9	2	18	Harikrishnanpuram Amman nagar	25HP tractor motor to be installed SWD to be constructed (Drain Size : 0.6 * 0.75)	Back water of puzhal surplus canal
10	2	20	New MGR Street Extension	Due to Puzhal Surplus water increased 2nos 25HP tractor motor to be installed SWD to be Reconstructed(Drain Size:0.9*0.9)	Manali lake surplus water and puzhal surplus back water
11	2	21	Thamaraikulam street	25HP tractor motor to be installed SWD to be Reconstructed (Drain Size : 0.9 * 0.9)	Low lying area
12	2	21	Dr Vardharaasanar street	25HP tractor motor to be installed SWD to be Reconstructed (Drain Size : 0.9 * 0.9)	Low lying area
13	2	21	Jalagandamariyamman koil street	25HP tractor motor to be installed SWD to be Reconstructed (Drain Size : 0.9 * 0.9)	Back water of puzhal surplus canal
14	2	22	Lakshmi nagar	25HP tractor motor to be installed near the vacant land SWD to be constructed (Drain Size : 0.9 * 0.9)	Low lying area
15	2	22	Baljipalayam Perumal koil 4th cross street	25HP tractor motor to be installed near the vacant land SWD to be constructed (Drain Size: 0.6 * 0.6)	Low lying area

GCC+NDRA WATER STAGNATION LIST DURING NORTH EAST MONSOON					
Sl. No.	Zone No.	Dn. No.	Name of the Location	Action taken for this Year	Remarks
16	2	22	Mahatma gandhi street	25HP tractor motor to be installed near the vacant land SWD to be constructed (Drain Size : 0.6 * 0.6)	Low lying area
17	2	22	Abdul kalam nagar	25HP tractor motor to be installed near the vacant land SWD to be constructed (Drain Size : 0.9 * 0.9)	Low lying area

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.

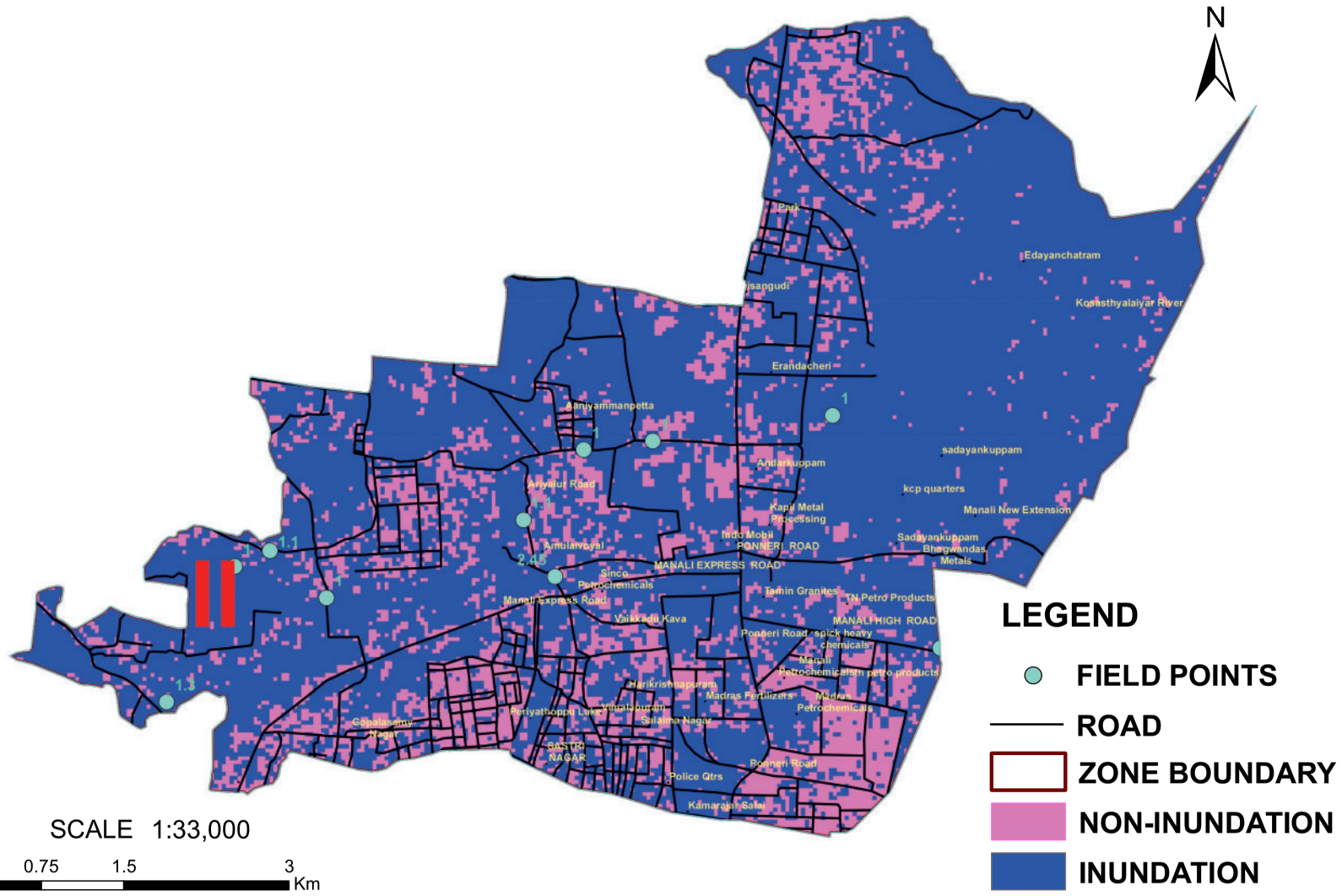
Water stagnated streets in the previous monsoon - Mild Rainfall

Sl. No.	Ward	Name of the Street
1	15	Edayanchwadi
2	16	Burma nagar, Irular Colony
3	17	Ariyalur
4	18	Kalaingar nagar
5	19	Balasubramanian nagar
6	20	New MGR Street
7	21	Jalakanda Mariamman koil street - (3RD LANE)
8	22	Adhiraj street , Mahatma Gandhi street

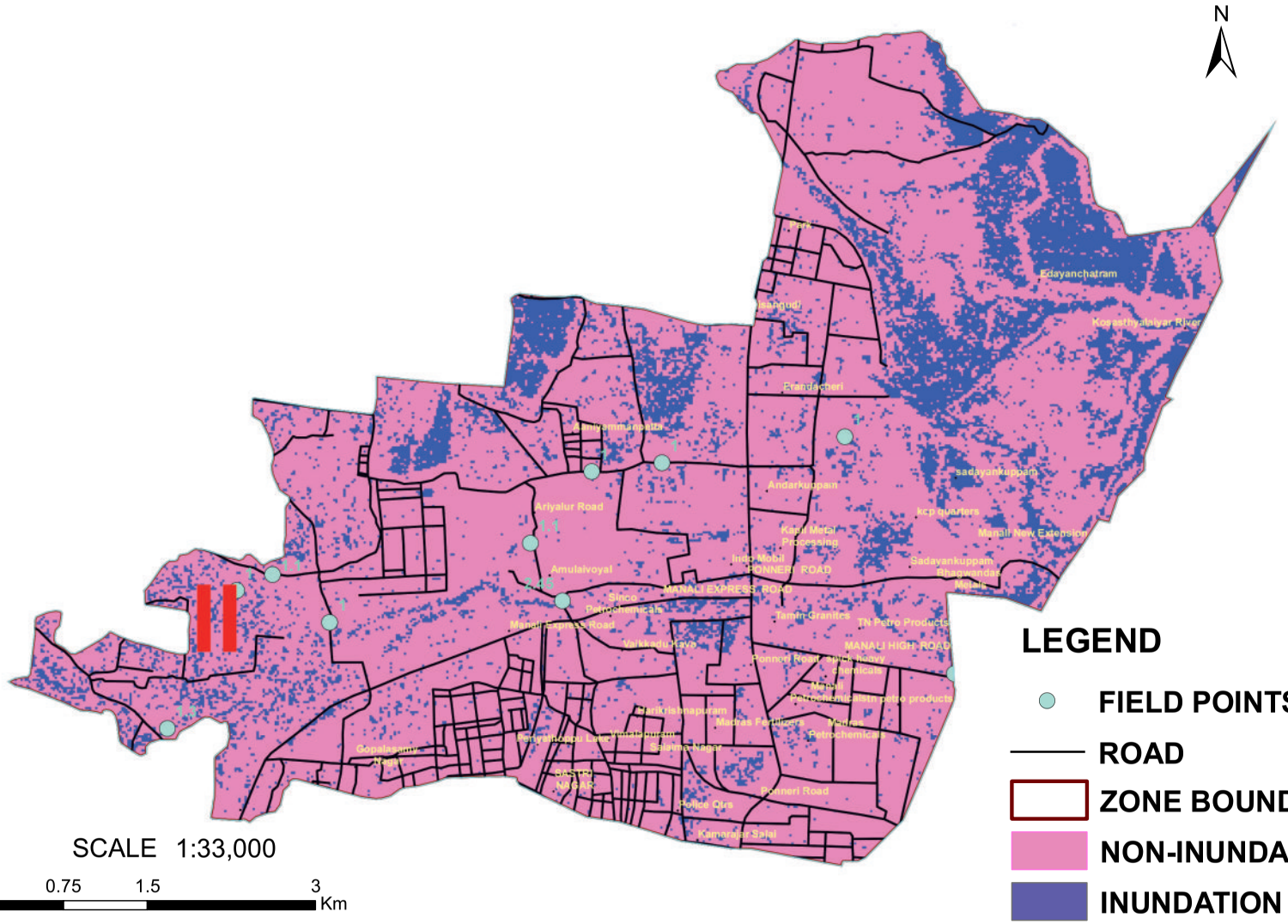
Water stagnated streets in the previous monsoon - Moderate rain

Sl. No.	Ward	Name of the Street
1	15	Chinna echankuzhi, edayanchwadi
2	16	Burma nagar, Irular Colony, kadapakkam, kamarajapuram, kanniammanpettai 1 & 2
3	17	Ariyalur
4	18	CPCL nagar, Kalaingar nagar
5	19	Chinnasamy street, srivasanagar, 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

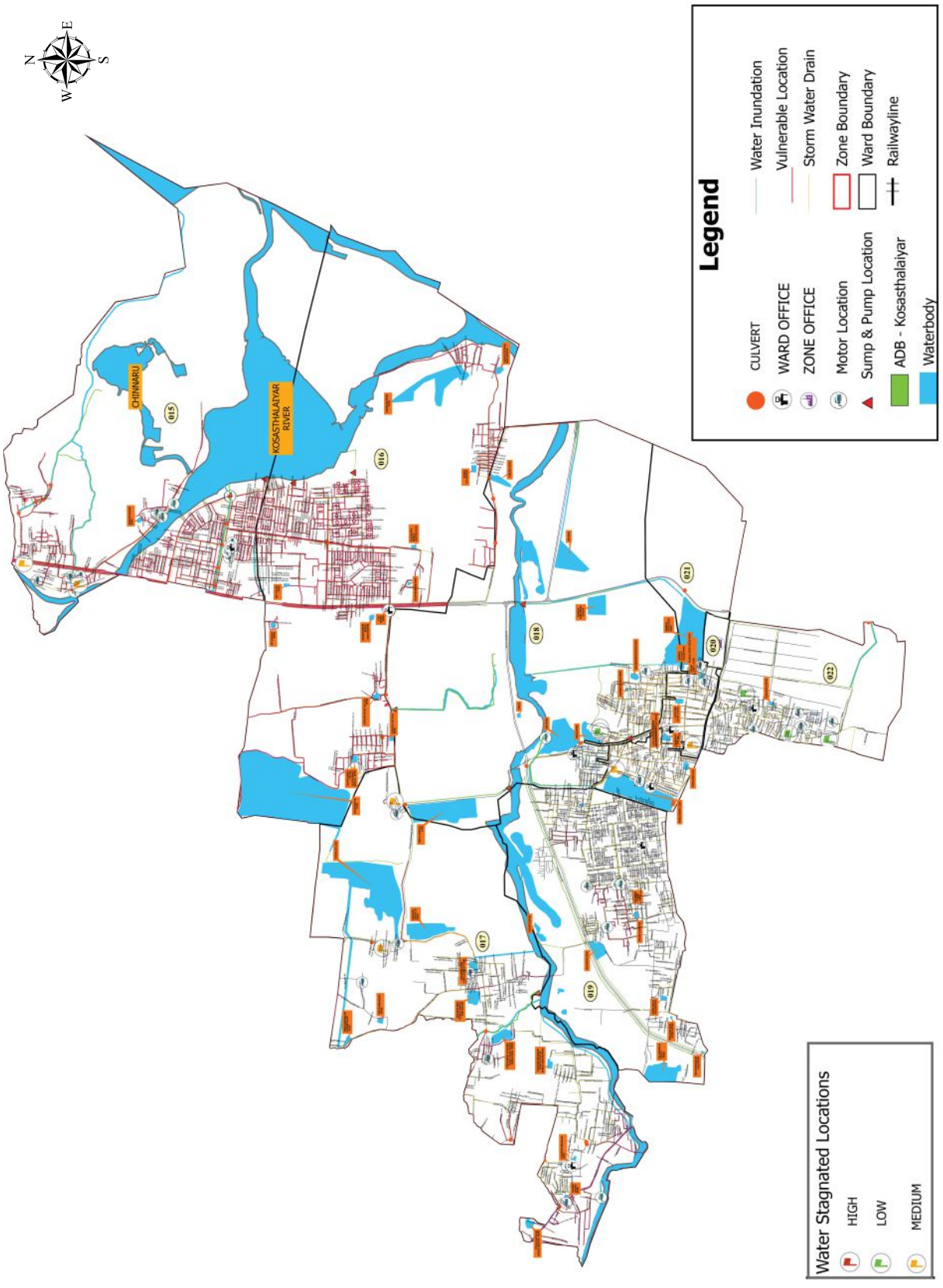
INUNDATION EXTENT ON 3rd DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



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



ZONE II
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS



Water stagnated streets in the monsoon 2015 -Mild Rainfall – Nil

Water stagnated streets in the monsoon 2015 - Moderate Rainfall

S.No.	Ward	Name of the Street
1	15	EDAYANCHAVAD,
2	16	Irular Colony
3	17	Puzhal Union Road
4	18	Salaima Nagar
5	19	Apollo Armstrong Nagar
6	20	New MGR Street
7	21	Jalakanda mari amman koil Street (3rd Lane)
8	22	Chinna sekkadu

Stagnation of water in streets due to sewer blocks

There are no sewer block in Manali

Relief Centres

There are 16 relief centres to a total capacity of 2950 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.

Sl. 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 (Designation/	Contact No.
1	15	200	Jai Gopal Gardia Higher Secondary School	Manali New Town 9th street	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9942931707
								Evacuation	Junior Engineer	9445190315
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104
2	16	200	TNUHDB Community Hall, 15th Main Road, Manali New Town	Manali New Town, Old Nappalayam, New nappalaym	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9942931707
								Evacuation	Assistant Engineer	9445190316
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104

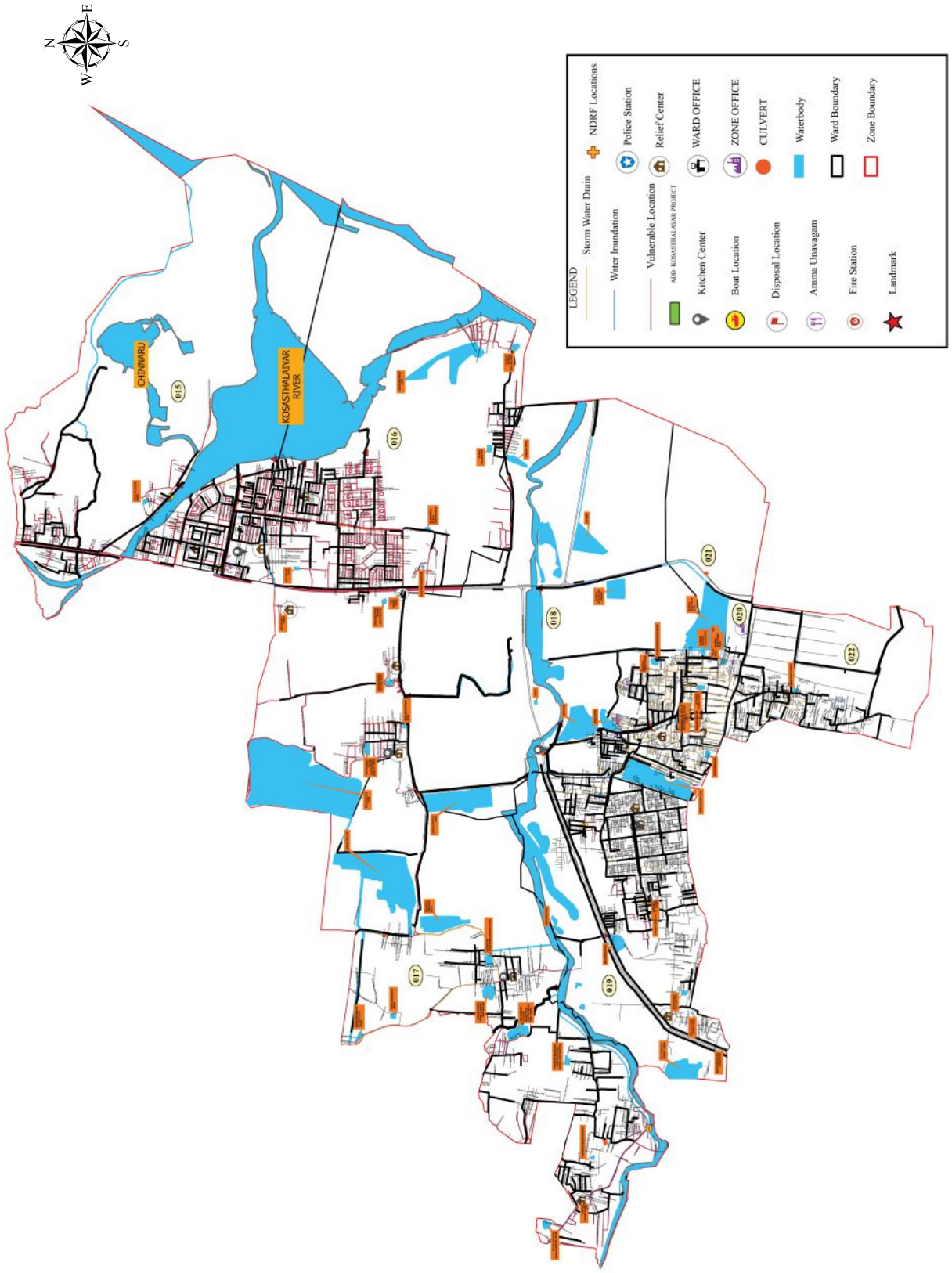
Sl. No.	Dn. No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facili-ties	Responsiblities	Officer in-charge (Designation/	Contact No.
3	16	200	GRT, Vivekananda School, Manali new town	Manali New Town 29, 28, 30 and 31 st Street, Manali New Town 80 Feet Road Milk Booth and Sa-dayankuppam, Irular Colony and Burma Nagar	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	8072375826
								Evacuation	Assistant Engineer	9445190316
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104
4	16	180	Andarkuppam School	Kanniammanpet, Kamarajapuram, Andarkuppam, Elandhanoor, Gandhi Nagar and Jenifer Nagar	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	8072375826
								Evacuation	Assistant Engineer	9445190316
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104
5	16	150	CPS - Kanniam-manpet	Elandhanoor, Gandhi Nagar and Jenifer Nagar and Kanniammanpet, Kamarajapuram	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	8072375826
								Evacuation	Assistant Engineer	9445190316
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104
6	16	90	CPS-Kulakarai	Sadayankuppam, Burma Nagar, Irular Colony, Kulakkarai, Ka-marajapuram and Andarkuppam	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	8072375826
								Evacuation	Assistant Engineer	9445190316
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190104

Sl. No.	Dn. 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.
7	17	250	Flood relief centre at Chettimedu, Chennai - 600 060	Vadaperumbakkam, Theeyambakkam, Kosappur, Thirupathi Devasthana Nagar	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9715080928
								Evacuation	Assistant Engineer	9445190317
								Food	Senior Revenue Officer	9566043672
								Relief Materials	Asst. Exe. Engineer	9445190104
8	17	150	Community Centre, Vadaperumbakkam	Vadaperumbakkam, Theeyambakkam, Kosappur, Thirupathi Devasthana Nagar and Thiyagi Viswanathadoss Nagar, Chinna Thoppu	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9715080928
								Evacuation	Assistant Engineer	9445190317
								Food	Senior Revenue Officer	9566043672
								Relief Materials	Asst. Exe. Engineer	9445190104
9	17	150	Chennai Middle School, Kosapur	Kosappur	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9715080928
								Evacuation	Assistant Engineer	9445190317
								Food	Senior Revenue Officer	9566043672
								Relief Materials	Asst. Exe. Engineer	9445190104

Sl. 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 (Designation/	Contact No.
10	19	300	Govt. High School, Mathur,	Balasubrama-nian Nagar and Chinna Mathur Road, CPCL Layout	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9092416543
								Evacuation	Assistant Engineer	9445190319
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190105
11	19	100	Manjambakkam School	Manjambakkam	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9092416543
								Evacuation	Assistant Engineer	9445190321
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190105
12	19	200	CPS at MMDA 59th Street	Ponniamman Nagar, Appolo Armstrong Nagar.	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9092416543
								Evacuation	Assistant Engineer	9445190321
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190105

Sl. 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 (Designation/	Contact No.
13	20	250	Dr. Sivanthi adithinar School	Chinna Mathur Salai, Kalthottam MGR Nagar, New MGR Nagar, JJ Nagar, Balara-man Street, Raghavan Nagar and Ottraivadai Street.	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9976248874
								Evacuation	Assistant Engineer	9445190321
								Food	Senior Revenue Officer	9566043672
								Relief Materials	Asst. Exe. Engineer	9445190105
14	21	100	Govt Higher Sec School. Manali & CPS at padasalai street	Nedunchezhiyan Salai, Ettiyappan Street, Jalaganda Mariamman Koil Street 1to 3Streets, Police Quarteres. And Thamarai-kulam Street.	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	8148156372
								Evacuation	Assistant Engineer	9445190321
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190105
15	21	250	CPS at padasalai street	Nedunchezhiyan Salai, Ettiyappan Street, Jalag-anda Mariamman Koil Street 1 to 3 Streets., Police Quarteres. And Thamarai-kulam Street.	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	8148156372
								Evacuation	Assistant Engineer	9445190321
								Food	Senior Revenue Officer	9840651629
								Relief Materials	Asst. Exe. Engineer	9445190105
16	22	300	High school at devarajan street	Chinnsekkadu	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	6379371142
								Evacuation	Assistant Engineer	9445190322
								Food	Senior Revenue Officer	9566043672
								Relief Materials	Asst. Exe. Engineer	9445190082

ZONE II
EVACUATION & RELIEF SHELTERS



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,

Sl.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

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.

Sl. No.	ward /Name	Streets	No. of persons	Year	Relief centre
1	15 Edayanchavadi	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	19 MMDA Mathur	Balasubramanian Nagar	123	2015	Govt. High School, Mathur,
11	19 MMDA Mathur	Ponniamman Nagar, Chinna Samy Nagar	53	2015	CPS at MMDA 59th Street
12	20 Manali	Govt. High school at 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.

Sl. No.	Ward	Contact person	
		Designation	Phone number
1	15 to 17	Assistant Engineer	9445190907
2	18,20,21	Assistant Engineer	9445190905
3	19,22	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

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

Sl.No.	Ward	Number of boats required with location / evacuation areas	Boats stationed Locations	Contact person & Number AE
1	15	Edayanchawadi – 1 No	Kosasthalaiyar bund - Edayanchavadi	9445190315
2	16	Andarkuppam, Sadayankuppam, Burma Nagar – 1 No	Irular colony	9445190316
3	18	Division Office, Nedunchezhiyan Street, 1 No.	Division Office, Nedunchezhiyan Street	9445190318
4	19	Balasubramaniam Nagar , 1 No.	Chinna mathur Road	9445190319

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 Engineer 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

Sl.No	ward /Name	Street Names
1	18 Manali	Ekambaram Street 3rd, 4th, 6th, 7th, 8th Lane and Kalaigner Nagar 2nd, 9th Street
2	19 MMDA Mathur	MMDA 18,22,25,30,31,33,34,39,41,42,49,61,65,66,70,71,73,74 ,90,93,110 & 114Street 1st Cross Street
3	20 Manali	Srinivasa perumal koil 5th, 6th and 8th cross lane
4	20 Manali	S.P Koil melandai 2nd lane
5	20 Manali	S.P koil kelandai 2nd & 3rd lane
6	20 Manali	Lalbaghadhur Shasthri 2nd, 3rd 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 1st, 2nd, 3rd, 4th and 6th 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

Ward Committee

It is to be noted that the responsibilities of each officers are well described in the page number 163 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	9942931407
GCC - Veterinary	Veterinary Assistant Surgeon	9500000986
GCC - Solid waste management	Zonal Head (Ramki)	7550313497
GCC - Revenue	Tax Collector	9941426761
Revenue	Revenue Inspector	9600823165
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	8144930015 / 9566248042
TANGEDCO	Junior Engineer	9280076303 / 9280076304
BSNL	Assistant Engineer	044-25940000 / 9490143555
Fire service	Inspector	044-25224266
Police station	Inspector	9790902179 / 9498100241
PWD	Assistant Engineer	8438549154
TNUHDB	Assistant Engineer	7358508196
Highways	Divisional Engineer	9600096067
WRD	Assistant Engineer	9486110701 / 9344761192
RWA	President	9600036653

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	8072375826
GCC - Veterinary	Veterinary Assistant Surgeon	9500000986
GCC - Solid waste management	Zonal Head (Ramki)	7550313497
GCC - Revenue	Tax Collector	9840555225
Revenue	Revenue Inspector	9600823165
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	8144930016
TANGEDCO	Assistant Engineer	9280076304
BSNL	Assistant Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25224266
Police station	Inspector	9790902179 / 9498100241
PWD	Assistant Engineer	8438549154
TNUHDB	Assistant Engineer	7358508196
Highways	Divisional Engineer	9600096067
WRD	Assistant Engineer	9486110701 / 9344761192
RWA	President	7845353580 / 9087024750

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	9715080928
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	9840226285 / 9962201410
Revenue	Revenue Inspector	9524869235
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	7418767879 / 8144930017
TANGEDCO	Assistant Engineer	9280076262
BSNL	Executive Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25224266
Police station	Inspector	9443094628
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9790753172 / 9841702398 / 9940012048
WRD	Assistant Engineer	9486110701 / 9344761192
RWA	President	9884105247

Ward committee – 18
Ward councillor – 9445467018

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190318
GCC - Electrical	Assistant Engineer	9445190905
GCC- Health	Sanitary Inspector	8608721922
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	7200338299
Revenue	Revenue Inspector	9786779633
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	8144930018
TANGEDCO	Assistant Engineer	9280076302
BSNL	Assistant Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25941147 / 9940035835
Police station	Inspector	9524999100
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9382733483
WRD	Assistant Engineer	9486110701 / 9344761192
RWA	President	9498076787

Ward committee - 19
Ward councillor - 9445467019

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190319
GCC - Electrical	Assistant Engineer	9445190906
GCC- Health	Sanitary Inspector	9092416543
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	8825905995
Revenue	Revenue Inspector	9524869235
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	8144930019
TANGEDCO	Assistant Engineer	9280076267
BSNL	Executive Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25941147 / 9940035835
Police station	Inspector	9443094628
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9444294521
WRD	Assistant Engineer	9344761192 / 9486110701
RWA	President	9444201137 / 9445231781 / 9444111158

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	9976248874
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	8778447216
Revenue	Revenue Inspector	9786779633
GCC - Park overseer	Park Supervisor	9080642390
CMWSSB	Assistant Engineer	8144930697,8144930520
TANGEDCO	Assistant Engineer	9280076302
BSNL	Assistant Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25941147/ 9940035835
Police station	Inspector	9524999100
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9382733483
WRD	Assistant Engineer	9344761192 / 9486110701
RWA	President	9962411806

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	8148156372
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	9499932706
Revenue	Revenue Inspector	9786779633
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930021
TANGEDCO	Assistant Engineer	9280076302
BSNL	Executive Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25941147/ 9940035835
Police station	Inspector	9524999100
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Divisional Engineer	9382733483
WRD	Assistant Engineer	9344761192 / 9486110701
RWA	President	9600011626

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	6379371142
GCC - Veterinary	Veterinary Assistant Surgeon	7550313497
GCC - Solid waste management	Zonal Head (Ramki)	9500000986
GCC - Revenue	Tax Collector	9941426761
Revenue	Revenue Inspector	9786779633
GCC - Park overseer	Park Supervisor	9445194753
CMWSSB	Assistant Engineer	8144930522 / 8144930697 / 8144930205 / 8144930562
TANGEDCO	Assistant Engineer	9445978508
BSNL	Assistant Engineer	044-25940000/ 9490143555
Fire service	Inspector	044-25941147 / 9940035835
Police station	Inspector	9524999100
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	9445074734
Highways	Road Inspector	9382733483
WRD	Assistant Engineer	9344761192 / 9486110701
RWA	President	9176880889

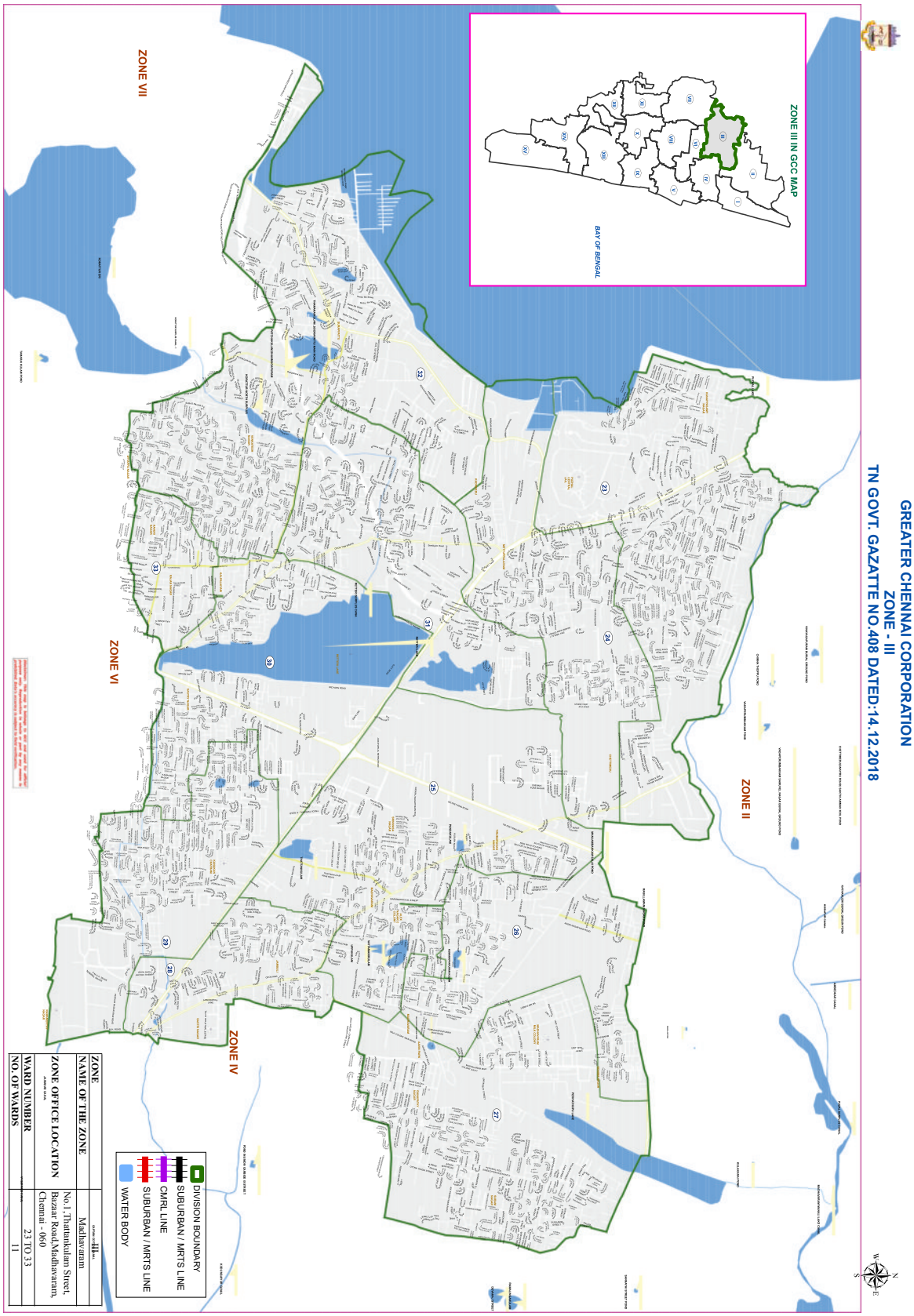
ZONE - III

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	276
2	Zone Administration	277
3	Public Health & Disease Control	278
4	Parks	278
5	Sewage Pumping Station	280
6	Tamilnadu Urban Habitat Development Board	281
7	Water Bodies and Water ways	281
8	Storm Water Drain	284
9	Water stagnated streets in the previous monsoon - heavy rain fall	285
10	Water stagnated streets in the previous monsoon - mild rain fall	287
11	Water stagnated streets in the previous monsoon - moderate rain fall	287
12	Stagnation of water in streets due to sewer block	287
13	Relief centre	291
14	Subway	295
15	Tree fall	295
16	Streets - where water entered houses - do not require evacuation	295
17	Streets that require evacuation	298
18	Lighting facilities	301
19	National Disaster Response force	301
20	Rescue Boats	302
21	Transport Equipments & Lorries	304
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	304
23	Ward Committee	306

MADHAVARAM

ZONE III - WARD BOUNDARY



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 3.17 lakhs that has Male population of about 50.99 % and Female population of about 49.01 %. The most densed area in the zone is Soorapet with a population of 47785 and the least in Puzhal with a population of 15,360. The Ward wise population of the zone is given below.

Sl.No.	Ward No./Name	Total House Holds	Total Population
1	23 Kavangarai	10040	36550
2	24 Puzhal	6500	15360
3	25 Madhavaram	13521	32239
4	26 Alex Nagar	9256	24502
5	27 Arul nagar	9524	31352
6	28 Udayar Thottam	6320	23212
7	29 Ponniamman Medu	8136	29599
8	30 Thanikachalam Nagar	8988	34297
9	31 Kathirvedu	7329	15446
10	32 Soorapet	20902	47785
11	33 Lakshmipuram	4985	27648
TOTAL		105501	317990

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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

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

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Asst. Executive Engineer (SWM)	Unit 6, 7 & 8	9445477207
2.	Snitary Officer - 1	23, 24, 31,32	9445191406
3.	Snitary Officer - 2	26, 27, 30	9445191407
4	Snitary Officer - 3	25, 28, 29,33	9445025830

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.

Sl. 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

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.

Sl. No.	Team member contact No.	Equipment available	Area of operation
1	Park Overseer 9445071064	Telescopic tree Pruner-3, Chain saw tree cutting machine-12	Ward (23 to 33)

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-3
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	24	Puzhal	Toll India Park (Miyawaki)
15	24	Puzhal	GNT Service Road Puzhal (Miyawaki)
16	25	Madhavaram	Sivasakthi Nagar
17	25	Madhavaram	RC Flats Arul Nagar
18	25	Madhavaram	KVT (PHASE I) PARK AT V.S MANI NAGAR
19	25	Madhavaram	KVT (PHASE II) PARK AT V.S MANI NAGAR
20	25	Madhavaram	KVT (PHASE III) PARK AT V.S MANI NAGAR
21	25	Madhavaram	Thattankulam Road (Private Maintenance)
22	25	Madhavaram	Ring Road Housing Sector
23	25	Madhavaram	V.R.D. Nagar Park
24	26	Madhavaram	Assisi Nagar 10th Street
25	26	Madhavaram	Venkateswara Nagar Park
26	26	Madhavaram	Venu Street Park
27	27	Periyasekkadu	Krishna Nagar Park & Play Ground
28	27	Madhavaram	BP Nagar
29	27	Madhavaram	Padmagiri Nagar Phase I
30	27	Madhavaram	Padmagiri nagar Phase II
31	27	Madhavaram	Meenambal Avenue (Sasthri Nagar)
32	28	Madhavaram	RC Flats
33	28	Madhavaram	K.K.R. Nagar 1st Main Road
34	28	Madhavaram	K.K.R Garden 2nd Main Road
35	28	Madhavaram	GNT Road CASA GRAND (Private Maintenance)
36	29	Lakshmipuram	VGP Nagar Main Road
37	29	Lakshmipuram	Selvam Nagar Extension
38	29	Lakshmipuram	Thanickachalam Nagar B Blk 5th MR 2nd Cr St

S.No	Ward	Name of Ward	Location of the Park
39	29	Madhavaram	Thanigachalam Nagar A blk. Tryangular Park (80 ft road)
40	29	Ponniamman medu	Selvam Nagar 2nd Main Road
41	29	Ponniamman medu	Mahathma Gandhi St
42	30	Lakshmipuram	Secretariate colony
43	30	Lakshmipuram	Burial Ground Road (Canal Side Park)
44	30	Lakshmipuram	RC Flats PRH Road (Private Maintenance)
45	30	Madhavaram	Thanikachalam Nagar 3rd Street
46	30	Madhavaram	Radient - GNT Road Park(Private Maintenance)
47	31	Kathirvedu	Padmavathy Nagar 6th Street
48	31	Kathirvedu	Padmavathy Nagar 7th Street
49	31	Kathirvedu	Padmavathy Nagr 5th Street
50	31	Kathirvedu	Srinivasan Nagar
51	31	Kathirvedu	Collector Nagar
52	31	Kathirvedu	Thirumalai Srinivasa Nagar
53	31	Kathirvedu	Sowmiya Nagar
54	31	Kathirvedu	Birla Avenue Kathirvedu
55	31	Kathirvedu	Sathyamoorthy nagar
56	31	Madhavaram	Jai Maruthi Nagar west side
57	31	Madhavaram	Jai Maruthi Nagar East side
58	31	Madhavaram	Ranga Avenue
59	31	Madhavaram	Srinivasa Nagar 2nd Street
60	32	Surapet	Lakshmiamman Nagar
61	32	Soorapettu	DG Nagar
62	32	Shanmugapuram	Sri Lakshmi Nagar (Shanmugapuram)
63	32	Shanmugapuram	Thangal karai salai-Arrow city
64	32	Surapet	Selva kumaran Nagar
65	32	Surapet	SIS Captown Mettur Link road
66	32	Puthagaram	Parappan Kulam Park
67	33	Lakshmipuram	Teachers Colony 4th Cross St
68	33	Lakshmipuram	Teachers colony 6th Main Road

Sewage Pumping Stations

Sl. 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

Tamilnadu Urban Habitat Development Board

There is no TUHDB 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

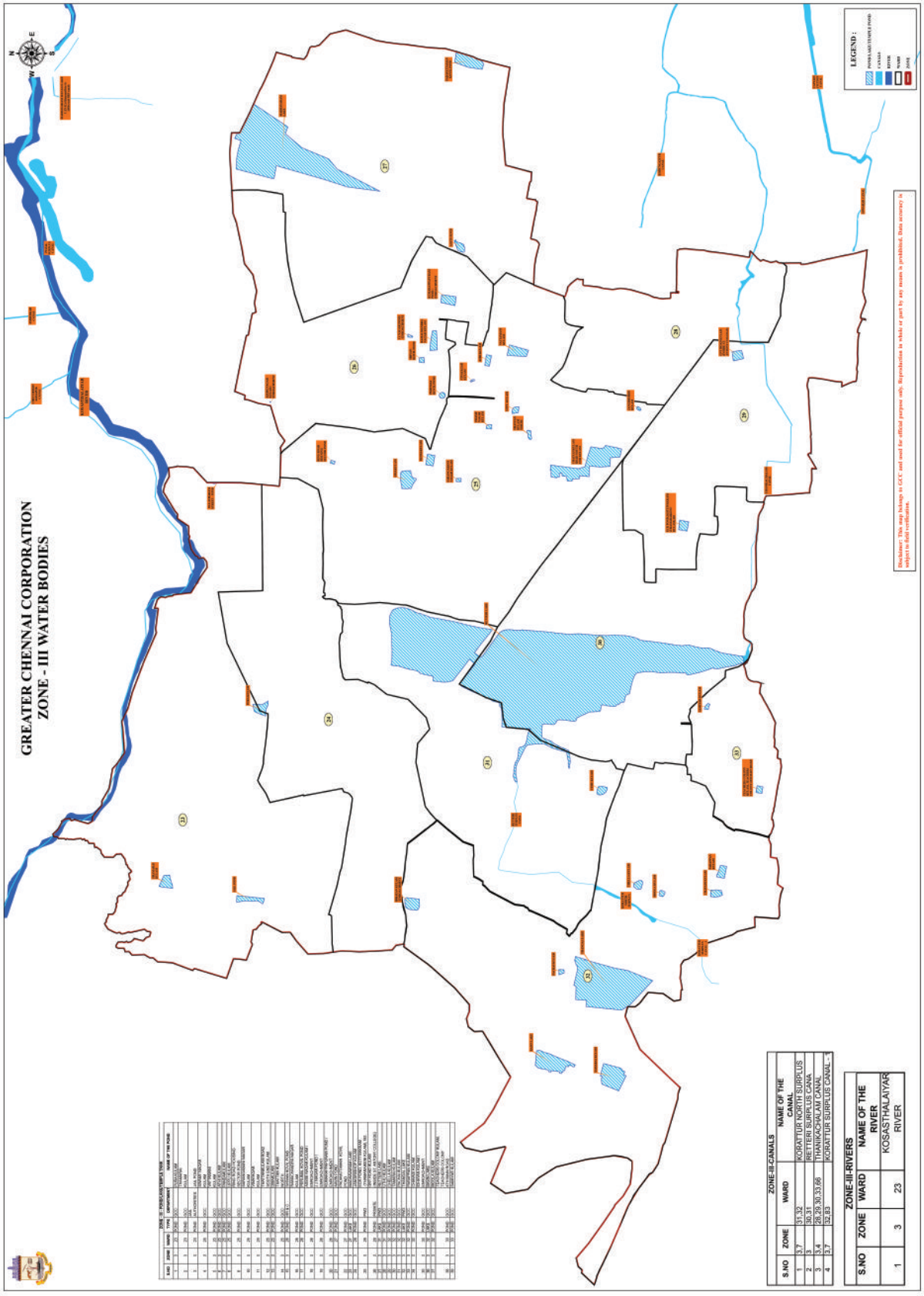
Sl. No.	Name of the Canal	Wards Covered	From	To	Length of Canal (Km)
1	Surapet Canal	32	Madhanakuppam main road	Retteri lake	1.70
2	Retteri PWD Canal	25, 23	Retteri Bund North	Kosastalayar Basin	4.5
3	Thanikachalam nagar canal	26-33	Retteri South	Kodungaiyur canal	3.5

Other water bodies

Sl. 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



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.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs in Km
1	23	118	31.035
2	24	30	9.215
3	25	75	20.94265
4	26	56	16.468
5	27	44	12.663
6	28	41	10.20759
7	29	99	16.12751
8	30	108	19.3629
9	31	94	14.52737
10	32	177	27.596
11	33	47	10.869
TOTAL		889	189.01

Water stagnated streets in the monsoon 2021 - heavy rain fall

During the last monsoon 9 inundated spots in this Zone were indentified and actions were taken to ail out the rain water. Most of he location were flooded during the North - East Monsoon 2025 due to havey rain and overflow of uptream water in the canal sand 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 monsoon - heavy rain fall

S.No	Ward	Streets where inundation seen	Capacity of pumps	Disposal point
1	23	MRH Road	Construction of SWD twin drain for a length of 1160m of size 2mx2m for an amount of Rs.22.88 crores. Work in progress	Puzhal Surplus
2	24	Sri Balaji Nagar		
3	25	Pukraj Nagar	No SWD available. SWD to be constructed for a length of 500m. At present pump is deployed for de-watering the stagnated water and disposed to the near by storm water drain at Arignar Anna Street	Puzhal Surplus
4	27	Radhamml street	As the said location is a low lying area, Tractor mounted pump is deployed for de-watering the stagnated water and disposed to the near by storm water drain at Seeyalan street	Madhavaram Eri
5	27	Sagunthala street	As the said location is a low lying area, Tractor mounted pump is deployed for de-watering the stagnated water and disposed to the near by storm water drain at Periyasekadu perimal koil street	Madhavaram Eri
6	28	Annai Sathya Nagar	As the said location is a low lying area, Water stagnated from surrounding open lands. Tractor mounted pump is deployed for de-watering to the near by storm water drain at Annai Sathya Nagar.	Kodungaiyur Canal
7	30	Thirumal Nagar Near BG Road	Tractor Motors used for de-watering in these locations to the near by storm water drain at Secreteriat Colony 21St Street.	Retteri Lake
8	30	Secratariate Colony		
9	30	Ganesh Nagar Vinayagapuram		

WATER STAGNATED LOCATION PHOTOS

Gurushanthi Nagar ,Ward-23,Zone-3



Balaji Nagar ward–24,zone3



Pukraj Nagar, ward – 25, zone 3



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.

Water stagnated streets in the monsoon 2021 - mild rain

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

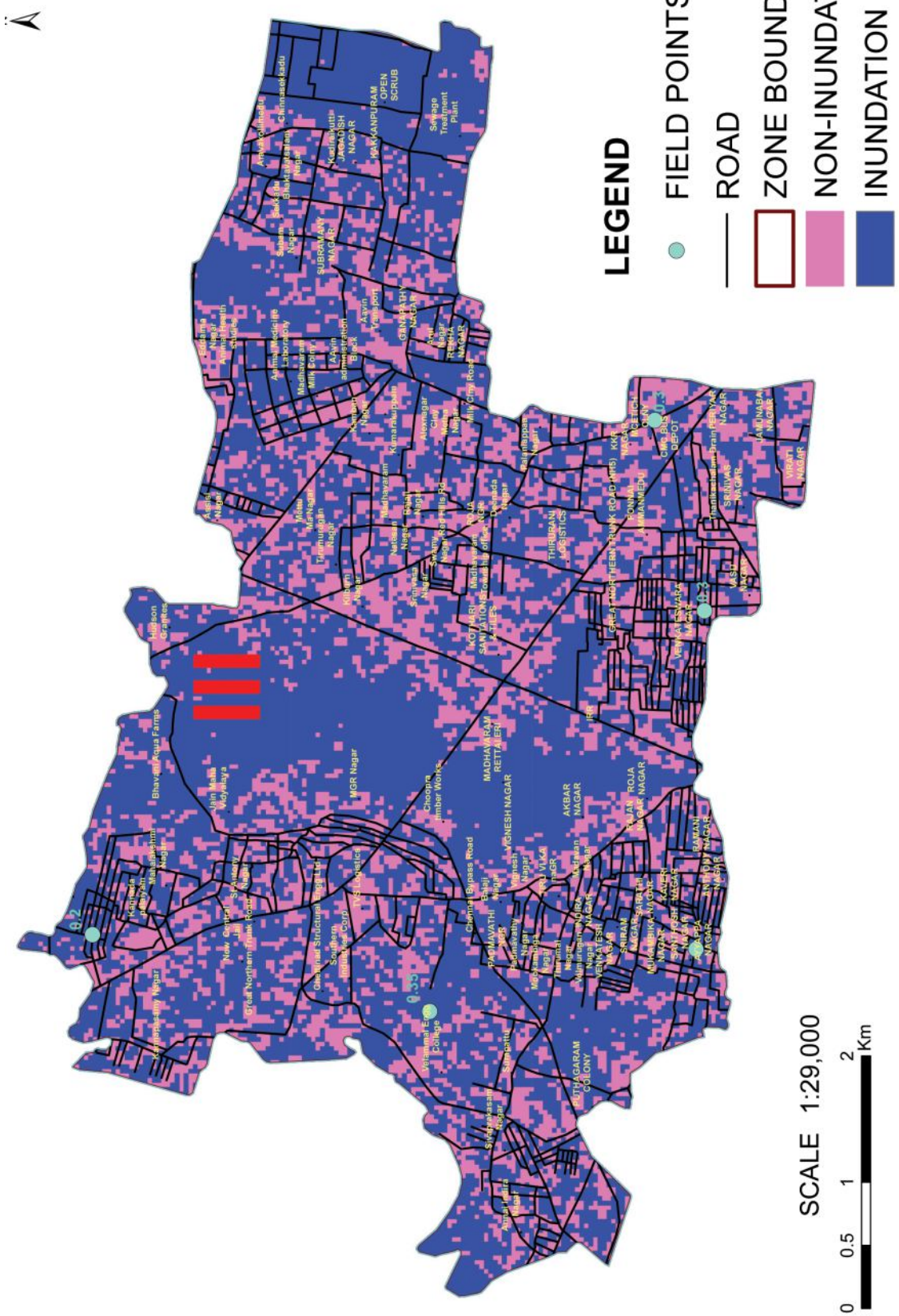
Water stagnated streets in the monsoon 2021 - Moderate rain

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

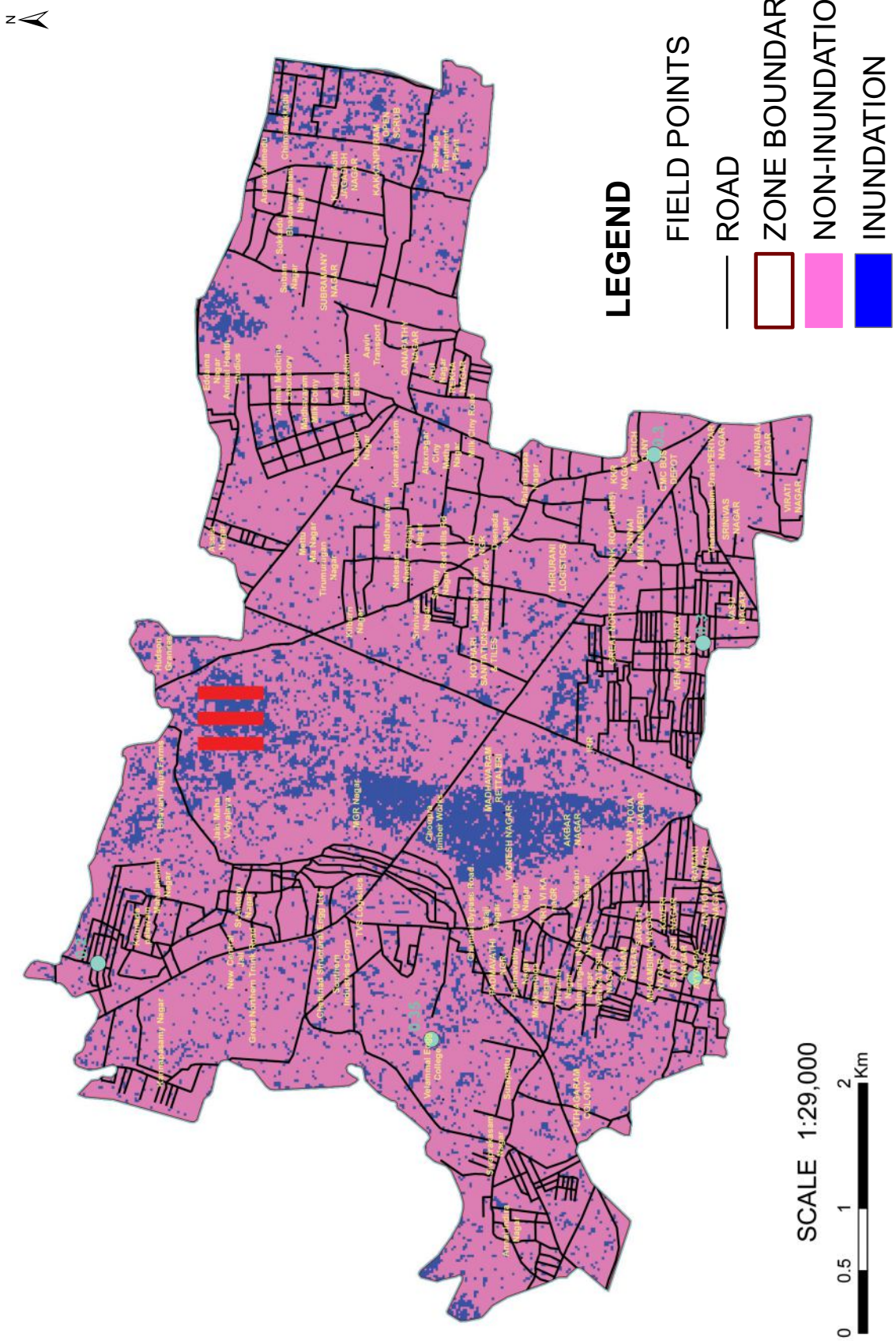
Stagnation of water in streets due to sewer blocks

There are no water stagnation streetsdue to sewer bloks

INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



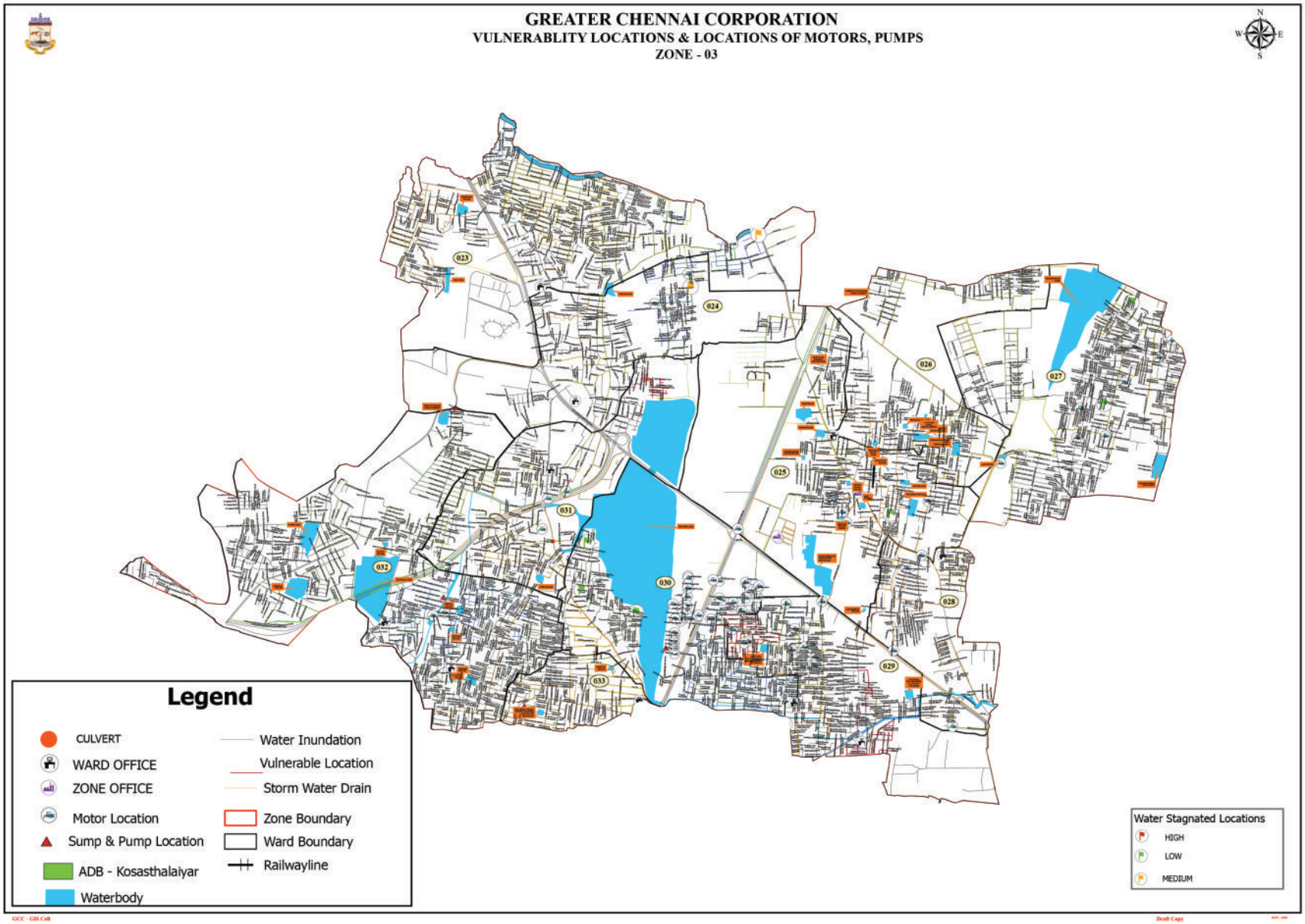
INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 03



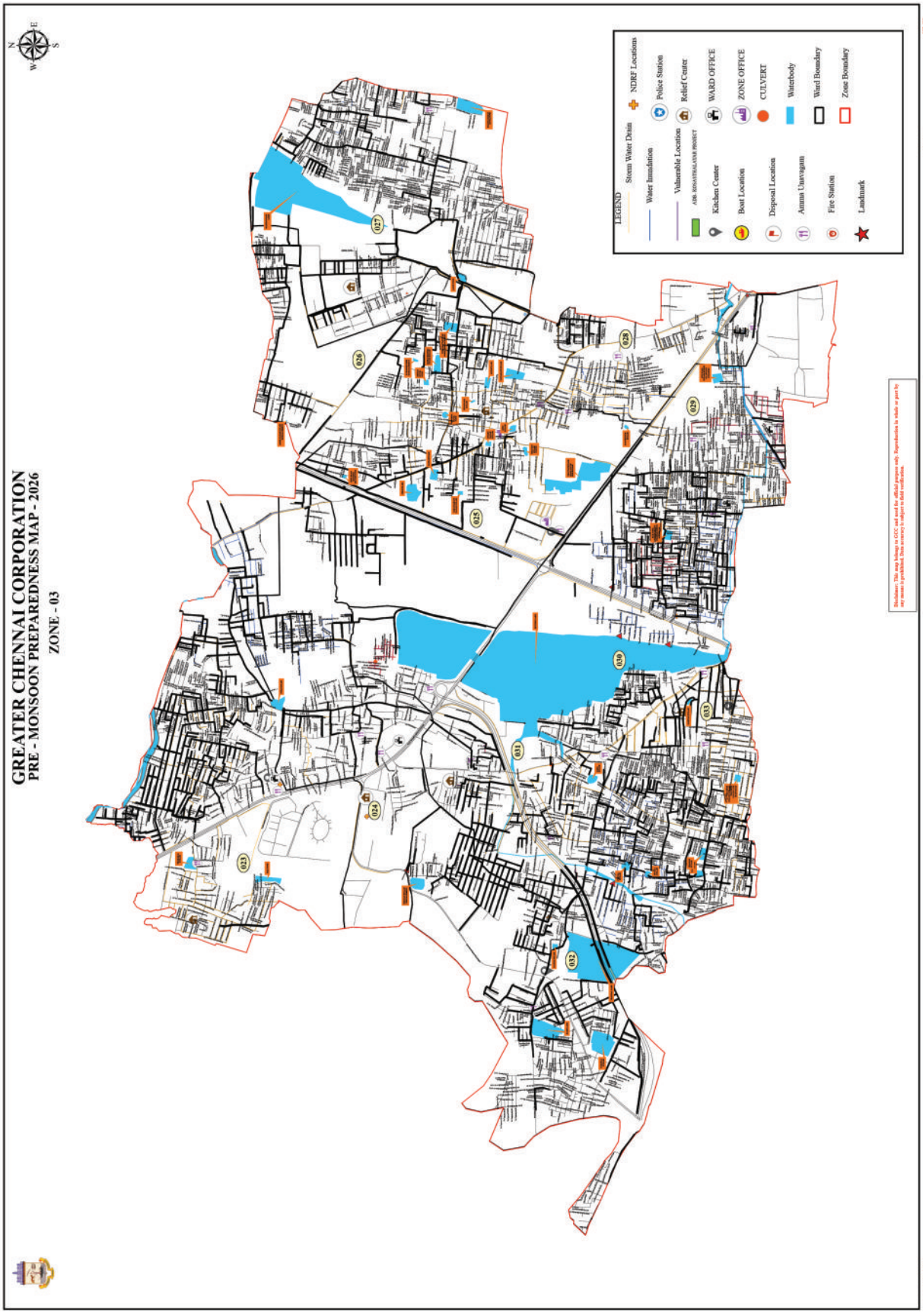
Relief Centres

There are 6 relief centres to a total capacity of 895 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.

Sl. No.	ward & Name	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	23	120	Kannappasamy Nagar 6th St Middle School	Kannappasamy Nagar	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94451 90683
								Evacuation & Relief Materials	Assistant Engineer	94451 90323
								Food & Drinking water	Assistant Revenue Officer	94451 90083
2	24	200	Poppili Raja Higher Sec. School, Ambattur Redhills Road, Near Camp,	Ambattur Redhills Road	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94451 90683
								Evacuation & Relief Materials	Assistant Engineer	94451 90324
								Food & Drinking water	Assistant Revenue Officer	94451 90083

Sl. No.	ward & Name	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.
3	26	175	Madhavaram Milk colony Middle School	Madhavaram Milk colony	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94999 33621
								Evacuation & Relief Materials	Assistant Engineer	94451 90326
								Food & Drinking water	Assistant Revenue Officer	94451 90083
4	31	100	Sembiam Road Middle School	Kathirvedu	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94999 33625
								Evacuation & Relief Materials	Assistant Engineer	94451 90331
								Food & Drinking water	Assistant Revenue Officer	94451 90083

Sl. No.	ward & Name	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.
5	25	150	Rajaji Street Middle School	Madhavaram	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94999 33621
								Evacuation & Relief Materials	Assistant Engineer	94451 90325
								Food & Drinking water	Assistant Revenue Officer	94451 90083
6	33	150	Lakshmi Narayana Perumal Kovil Street CPS	Madhavaram	Yes	Yes	Yes	Sanitation, Medicine	Sanitary Inspector	94450 25833
								Evacuation & Relief Materials	Assistant Engineer	94451 90333
								Food & Drinking water	Assistant Revenue Officer	94451 90083


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 03
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary

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,

Sl.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,

Sl.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	Iyyan Thiruvalluvar Salai
11	32	Santhosh Nagar
12	32	Velmurugan Nagar

Sl.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

Sl.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 accomodated in K.S Nagar COC School and Community hall. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and location of relief centers are given below.

Sl. 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 ENTERED 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.

Sl. No.	Ward	Contact person	
		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.

Sl.No.	Dn	Number of boats required with location /evacuation areas	Contact person & AE Number
1	23	Gandhi Main Road	Assistant Engineer 9445190323
2	30	Ganapathy Siva Nagar	Assistant Engineer 9445190330

Transport Equipment/Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 5 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

Sl.No	ward /Name	Street Names
1.	23, Kavangarai	V.O.C 1st Cross Street
2	23 Kavangarai	V.O.C 2nd Cross Street
3	23 Kavangarai	Sivaraj Main Cross St.
4	24 Puzhal	Punitha Anthoniyar 1st Cross 3rd Branch Street
5	24 Puzhal	Punitha Anthoniyar 3rd Cross 3rd Branch Street
6	24 Puzhal	Punitha Anthoniyar 3rd Lane
7	24 Puzhal	Punitha Anthoniyar 2nd Main Street.
8	24 Puzhal	St. Anthoniyar Main 2nd 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

Sl.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 163 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	9840849665
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930123
	Assistant Exe. Engineer	8144930206
	Executive .Engineer	8144930903
	Sup.Engineer	8144931000
TANGEDCO	Junior Engineer	044-25376218, 044-25370796
	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 / PWD	Assistant Engineer	7010099244, 9524498033
TNUHDB	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	9677024158
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930124
TANGEDCO	Junior Engineer	044-25376218 / 25370796
BSNL	Assistant Engineer	044 – 26591919
Fire service	Inspector	044-25530721
Police station	Inspector	044-26590989,97899531417
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805 / 9003109329, 9003195108
NHAI	Assistant Engineer	9884449183

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	9791182959
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930025
	Assistant Exe. Engineer	8144930206
	Executive .Engineer	8144930903
TANGEDCO	Assistant Engineer	9445850905
	Assistant Exe. Engineer	9445850904
	Executive .Engineer	9445850889
BSNL	Assistant Engineer	9445122121
	Office	044-25584040 044-26720100 044.25941000
	JTO	9445367008
	Executive .Engineer	9444400405
Fire service	Inspector	044-25530721
	Office	044-25941147
	Station Office	9445086020
Police station	Inspector	8754434515
	Office	044-25940866
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNHUDB	Assistant Engineer	-
Highways	Divisional Engineer Asst. Engineer ADE	9442527805 9003109329 9003195108
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	9791182959
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930026
	Assistant Exe. Engineer	8144930206
	Executive .Engineer	8144930903
	AE Water tank	8144930028
TANGEDCO	Junior Engineer	044-25376218 044-25370796
	Assistant Engineer	9445978505
	ADE	9445850872
	Executive .Engineer	9445850871
	Sup.Engineer	9445850909
BSNL	Assistant Engineer	044-25584040 / 26720100
Fire service	Inspector	044-25530721
Police station	Inspector	9445462717
	M1 Station	9176640551
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805 / 9003109329 / 9003195108
NHAI	Assistant Engineer	9884449183

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	9551023190
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930027
	Assistant Exe.Engineer	8144930206
	Executive .Engineer	8144930903
	Sup.Engineer	8144931000
TANGEDCO	Assistant Engineer	9445850905
	Assistant Exe.Engineer	9445850904
	Executive .Engineer	9445850889
BSNL	Assistant Engineer	044-25584040/26720100
Fire service	Inspector	044-25941147
	SO	9445086020
Police station	Inspector	9445462717
	Sub.Inspector	9498142127
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805 / 9003109329 / 9003195108
NHAI	Assistant Engineer	9884449183

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	9080143971
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930028
	Executive .Engineer	8144930903
TANGEDCO	Junior Engineer	044-25376218/25370796
BSNL	Assistant Engineer	044-25584040 044-26720100
	Assistant Engineer	9445019950
		044-25550055
Fire service	Inspector	044-25550055
Police station	Inspector	9840285870
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	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	9043719796
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
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 / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	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	6383074717
CMWSSB	Assistant Engineer	8144930026
	Assistant Engineer (Water)	8144930566
	Assistant Engineer (Sewer)	8144930596
	Office	044-25530100
TANGEDCO	Junior Engineer	044-25376218 044-25370796
	DE	9445850871
	ADE	9445850872
	Madhavaram M1(Thattankulam)	9445850873
	Madhavaram M1 (Ponniammanmedu) Assistant Engineer	9445850874 9445850875 9445850864 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 / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	Assistant Engineer	-
Highways	Divisional Engineer	9442527805 / 9003109329 / 9003195108
NHAI	Assistant Engineer	9884449183

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	9940074338 / 9841179996
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	9445071064
CMWSSB	Assistant Engineer	8144930131
	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
PWD / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	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	8778514699
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
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 / WRD	Assistant Engineer	7010099244 / 9524498033
TNUHDB	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	9080889476
Revenue	Revenue Inspector	044-25532143
GCC - Park overseer	Park Supervisor	6383074717
CMWSSB	Assistant Engineer	8144930033
	Executive .Engineer	8144930903
TANGEDCO	Junior Engineer	9445850864, 9445978506
BSNL	Assistant Engineer	044-25584040 044-26720100
	Assistant Engineer	9445009977
Fire service	Inspector	044-25530721
Police station	Inspector	044-26590989 / 97899531417
PWD	Assistant Engineer	7010099244 / 9524498033
TUHDB	Assistant Engineer	-
Highways	Divisional Engineer	9342208706
NHAI	Assistant Engineer	9884449183
TNEB	Assistant Engineer (Lakshmipuram)	9445850864
	Assistant Engineer (Rettari)	9445978506
	ADE	9445850872
	Executive .Engineer	9445850871

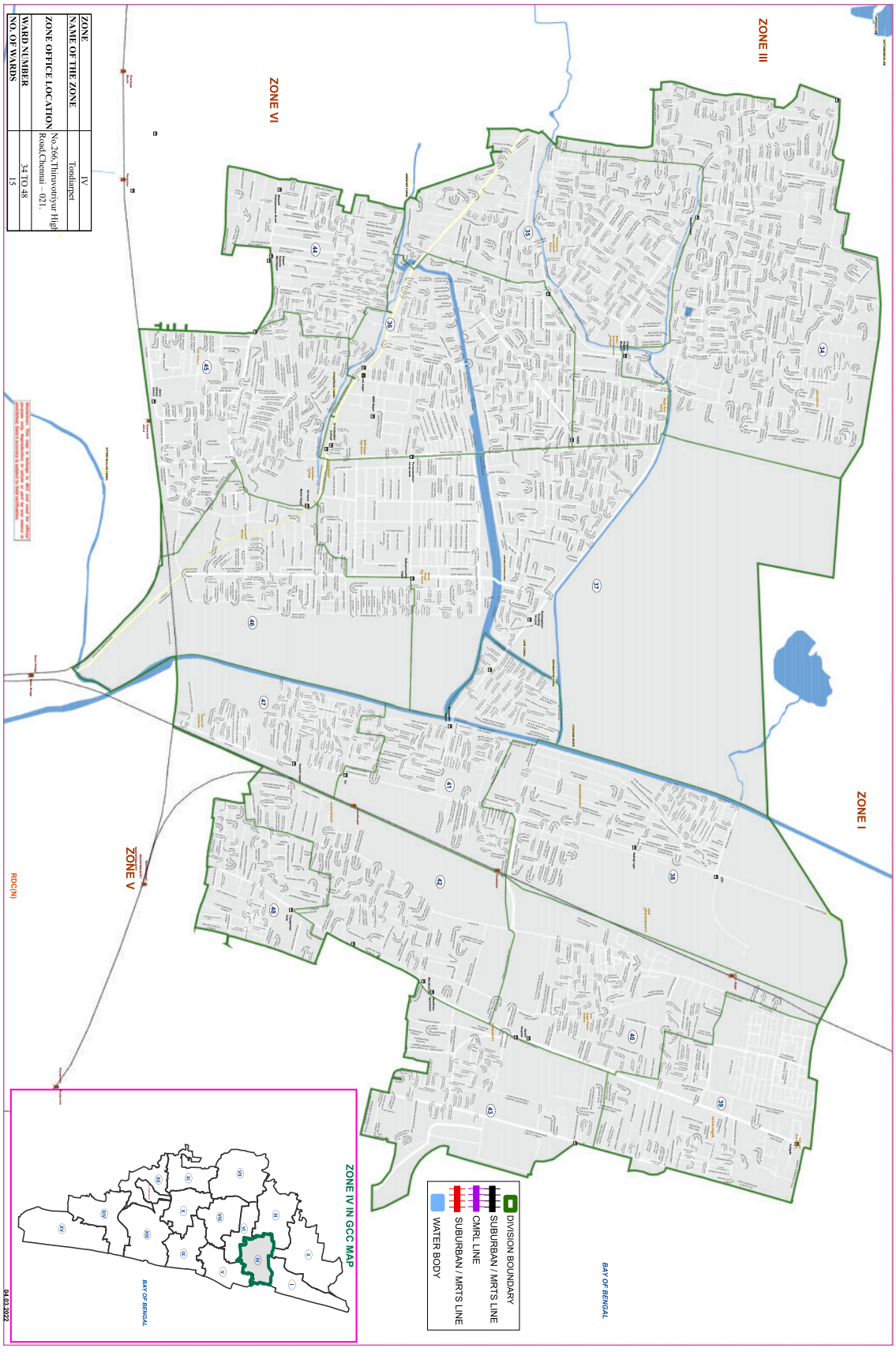
ZONE - IV

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	319
2	Zone Administration	320
3	Public Health & Disease Control	321
4	Parks	321
5	Sewage Pumping Station	323
6	Tamilnadu Urban Habitat Development Board	324
7	Water Bodies and Water ways	325
8	Storm Water Drain	328
9	Water stagnated Streets in the previous monsoon - Heavy rain fall	328
10	Water stagnated Streets in the previous monsoon - Mild rain fall	336
11	Water stagnated Streets in the previous monsoon - Moderate rain fall	336
12	Stagnation of water in streets due to sewer block	337
13	Relief centre	339
14	Subway	344
15	Tree fall	345
16	Streets - water entered houses - do not require evacuation	345
17	Streets that require evacuation	347
18	Lighting facilities	351
19	National Disaster Response force	351
20	Rescue Boats	352
21	Transport Equipments & Lorries	353
22	Less than 2.5m streets/lanes that cannot be accessed by Vehicles	353
23	Ward Committee	353

TONDIARPET

ZONE IV- WARD BOUNDARY



ZONE	IV
NAME OF THE ZONE	Tondiarpet
ZONE OFFICE LOCATION	No.266,Thiruvottiyur High Road,Chennai - 021.
WARD NUMBER	34 TO 48
NO. OF WARDS	15

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 8.67 lakhs having Male population of 50.09 % and Female population of 63.48 % in this zone. The most densed area in the zone is Kodungaiyur with a population of 82,000 and the least densed is Kasimedu with a population of 33998. The Ward wise population is given below,

Sl. No.	Ward / Name	Total House Holds	Total Population
1	34Kodungaiyur 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	42Tondiarpet	8820	35278
10	43 Kasimedu	11203	33998
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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	34 to 48	9445467038
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.

Sl. 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 (Div 34, 35 & 36)	9445190109
4	Assistant Executive Engineer	U-10 (Div-39,40,42 & 43)	9445190110
5	Assistant Executive Engineer	U-11 - (44, 45 & 46)	9445190111
6	Additional Divisional Engineer, Electrical	38 to 41	944546710
7	Assistant Executive Engineer (Additional)	Div- 37, 47 & 48	9445026102
8	Additional Divisional Engineer, Electricla	34 to 48	9445190044
9	Assistant Engineer, Mechanical	34 to 48	9445026097

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Assistant Executive Engineer	34 to 48	94454 67310
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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone 04	9445190064
2	Veterinary Surgeon	Zone 04	8270354815
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 52 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,

Sl. .	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 Binny Nagar Main Road New Park Venkateshwara Colony V Street Park UnionCar bideColony 14th StreetPark UnionCarbideColony 9th StreetPark 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 3st 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	PattelNagar Park
6	39	Tondiarpet	Thanthai Periyar Park
7	40	VOC Nagar,Ammani AmmalThottam	Cross Road (Brindavan) Park, Elaya Street (Emmar) Park, Thiruvalluvar NagarPark,Tsunamiquarters B&M,Block park
8	41	Kumarasamy Nagar South	MGR Nagar Park &Nehru nagar Park,
9	42	Tondiarpet	Jeeva Park, Thiyagaraya park, Rettai kuzhi Street, Kailasam 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	45	Ganesapuram	Kasturibai Gandhi Nagar, Desikananda Park,Vysar Nagar V Street Park, Sanjai Nagar Park,OSR Park Stephenson lane
13	46	Vyasarpadi	Sathyamurthy Nagar Park,
14	47	Korukkupet	1.bharathi Nagar Tnuhdb, Eco Park at Cb Road
15	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 33 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,

Sl. No.	Pumping Station	Capacity MLD	No. of pumps-condition
1	Tondiarpet F New PS(Relay)	45	270HP- 3
2	Tondiarpet A PS	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	D B K 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

Sl. No.	Pumping Station	Capacity MLD	No. of pumps-condition
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
33	RANGANATHAPURAM P.S	1	10 HP SUB 2
34	C.B.ROAD P.S	1	10 HP SUB 2
35	Nainiappan street	2	30 HPSUB3
36	DBK street	1	30 HPSUB2

Tamilnadu Urban Habitat Development Board

There are 24 TNUHDB tenements in Tondiarpet zone with a population of 65415. 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,

Sl. No.	Ward	Tenement location	No. of tenement	Population
1	47	Bharathy Nagar-11Block	432	2300
2	47	Ranganathapuram-18 Block	480	2400
3	46	S M Nagar-Samanthipoo Colony, Moorthingar Street Tenements	2286	7830
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

Sl. No.	Ward	Tenement location	No. of tenement	Population
14	42	Seniamman Koil Quarters	440	905
15	42	Thilagar Nagar Quarters	560	2024
16	42	Ranganathapuram Quarters	525	1911
17	41	CornationNagar	240	1200
18	42	Thilagar Nagar	720	3600
19	43	Kasipuram	322	1610
20	40	Thiruvalluvar Quartres	124	620
21	41	MGRNagar10thBlock	188	940
22	37	RRNagar to be removed	288	1440
23	43	SINGRAVELAN (MGR NAGAR)	113	453
24	48	Parthasarathy Nagar	128	512
		Total	14380	65415

Contact details

Department	Designation	Area	Contact .
TNUHDB	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.

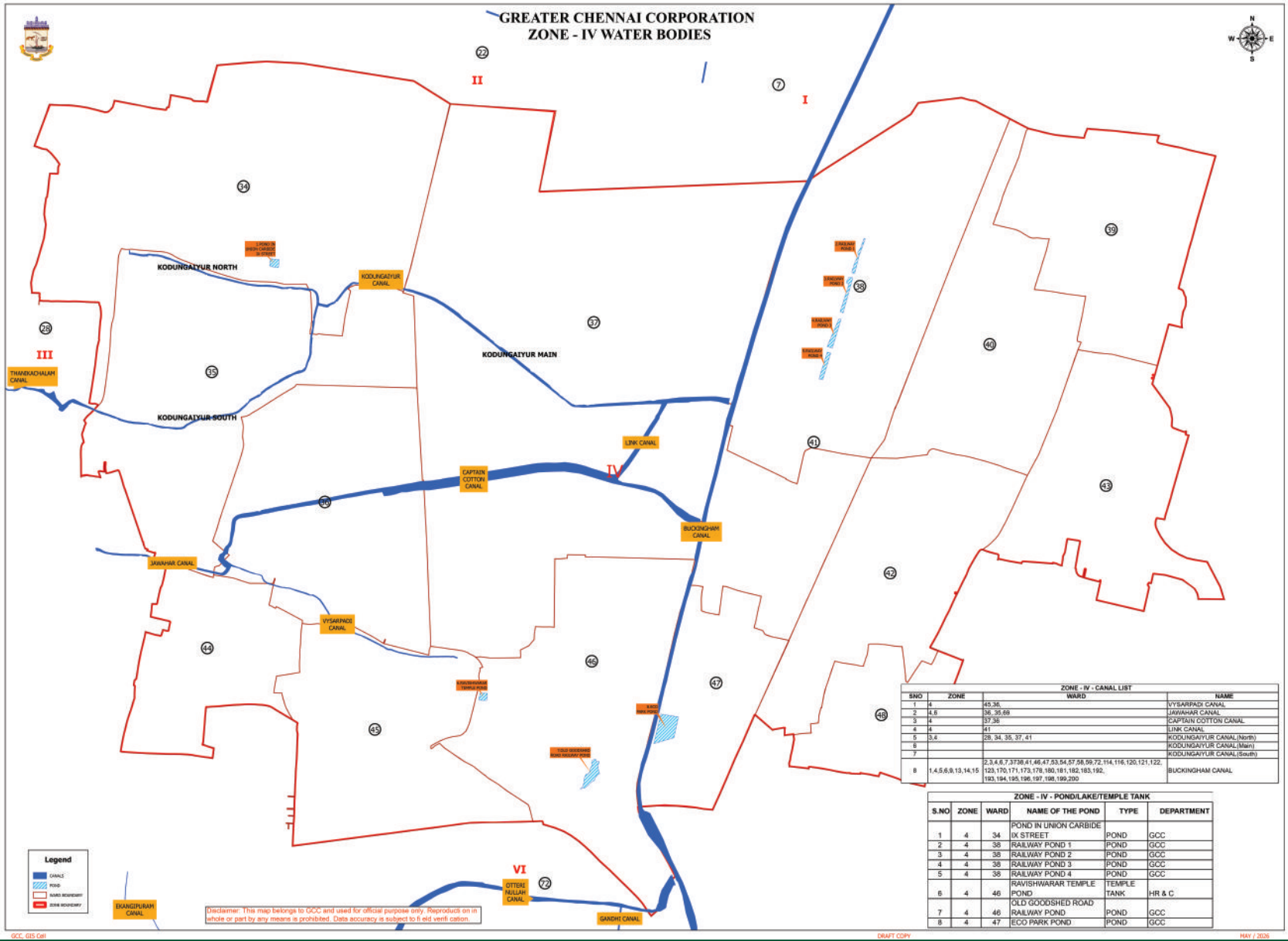
Greater Chennai Corporation is doing a massive work to remove hyacinth and de-silting work is done by PWD in the canal maintained by them. Cleaning and de-silting of storm water drain & lakes are periodically done by GCC as a pre monsoon preparedness measure. Storm Water Drains were constructed by GCC for a distance of 129.32 km to ease the flow of rain water. The details of various water bodies in this zone is listed below

Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	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
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

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



ZONE - IV - CANAL LIST

SNO	ZONE	WARD	NAME
1	4	45,36,	VYSARPADI CANAL
2	4,6	36, 35,69	JAWAHAR CANAL
3	4	37,36	CAPTAIN COTTON CANAL
4	4	41	LINK CANAL
5	3,4	28, 34, 35, 37, 41	KODUNGAIYUR CANAL(North)
6			KODUNGAIYUR CANAL(Main)
7			KODUNGAIYUR CANAL(South)
8	1,4,5,6,9,13,14,15	2,3,4,6,7,3738,41,46,47,53,54,57,58,59,72,114,116,120,121,122, 123,170,171,173,178,180,181,182,183,192, 193,194,195,196,197,198,199,200	BUCKINGHAM CANAL

ZONE - IV - POND/LAKE/TEMPLE TANK

S.NO	ZONE	WARD	NAME OF THE POND	TYPE	DEPARTMENT
1	4	34	POND IN UNION CARBIDE IX STREET	POND	GCC
2	4	38	RAILWAY POND 1	POND	GCC
3	4	38	RAILWAY POND 2	POND	GCC
4	4	38	RAILWAY POND 3	POND	GCC
5	4	38	RAILWAY POND 4	POND	GCC
6	4	46	RAVISHWARAR TEMPLE POND	TEMPLE TANK	HR & C
7	4	46	OLD GOODSHED ROAD RAILWAY POND	POND	GCC
8	4	47	ECO PARK POND	POND	GCC

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.

481 storm water drains to a length of 129.32 Km were constructed to ease the flow of rain water in Tondiarpet zone. The details of SWD are given below.

Sl. No.	Ward	Total No. of SWDs	Length in SWDs in'km'
1	34	51	12.10
2	35	31	12.35
3	36	78	15.96
4	37	52	17.14
5	38	38	9.99
6	39	18	5.44
7	40	18	5.91
8	41	22	4.49
9	42	27	8.38
10	43	7	3.60
11	44	41	8.85
12	45	36	8.79
13	46	26	8.23
14	47	17	4.30
15	48	20	3.79
Total		481	129.32

Water stagnated Streets in the monsoon 2015- Heavy rain

During the last monsoon, 40 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 monsoon 2015 - heavy rain

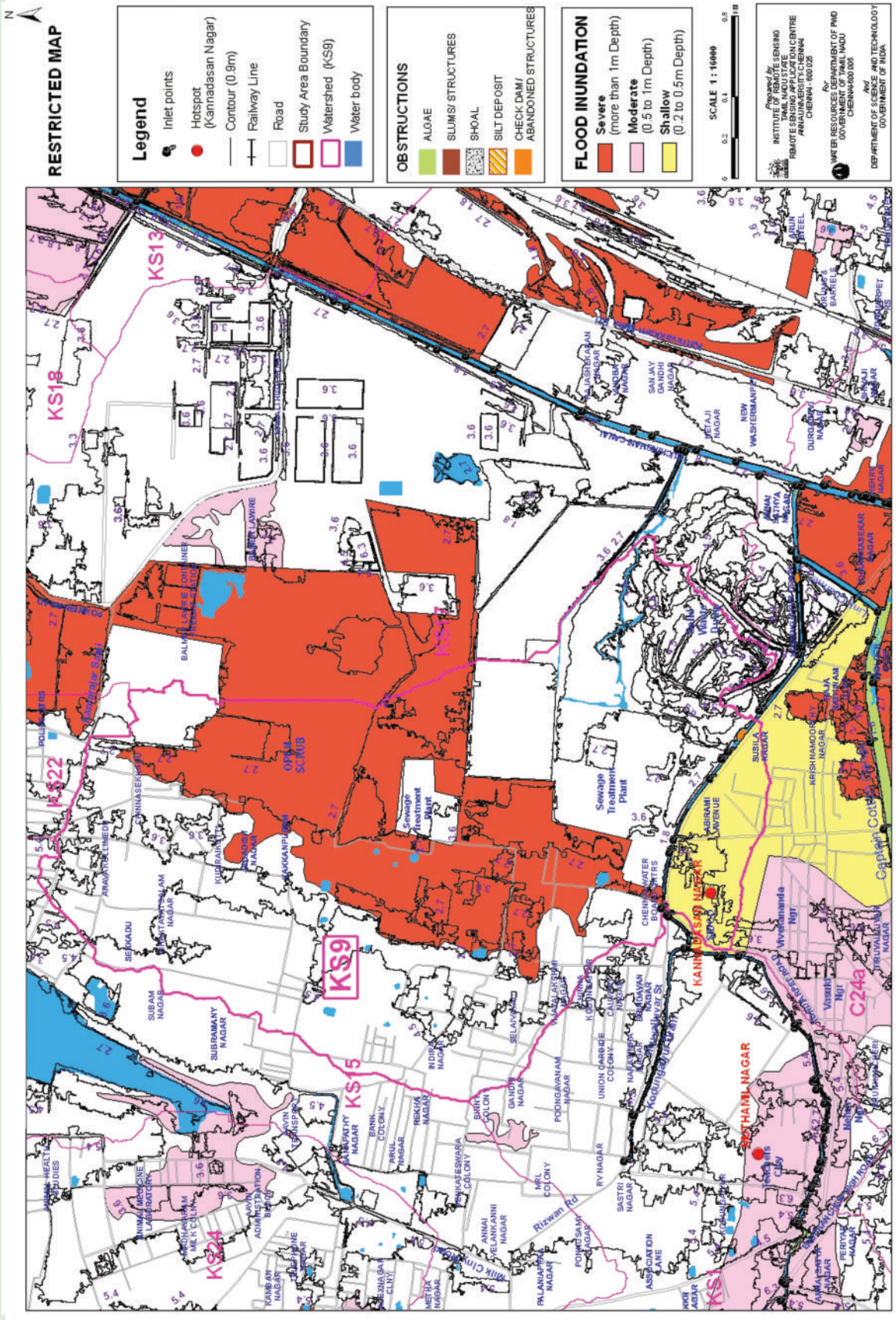
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	34	Durgai Avenue	5HP -2 10HP -1	Vedhandhamurugappan St Jn of Durgai Avenue 1st Main Road	KDG Canal
2	34	Ponnuswamy Nagar			
3	34	Thendral Nagar			
4	35	Muthamil Nagar 7th Block	5 HP, 10 HP and 15 HP	Muthamil Nagar 7th Block	Rain Water discharged to Storm Water Drain
5	35	Muthamil Nagar 8th Block		Muthamil Nagar 8th Block	
6	36	TVK 1st Link Road	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
7	36	Dr.Radhakrishnan Street	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
8	36	Ambedkar Street	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
9	36	Sharma nagar 3rd Main Road	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
10	36	Indra Nagar 2nd Cross Street	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
11	36	19th West Cross Street, MKB Nagar	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
12	36	Thiruvalluvar Nagar 8th Main Road	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
13	37	MKB Nagar 16th to 19th Central and East	5 HP, 10 HP and 15 HP	MKB Nagar 16th to 19th Central and East	Rain Water discharged to Storm Water Drain
14	37	RR Nagar 3rd & 4th Main Road		RR Nagar 3rd & 4th Main Road	
15	37	RR Nagar 5th & 6th 2nd Main Road		RR Nagar 5th & 6th 2nd Main Road	
16	37	RR Nagar 2nd,3rd, 5th& 6th Main Road		RR Nagar 2nd,3rd, 5th& 6th Main Road	
17	37	KKD Nagar		KKD Nagar	
18	37	Santhiya Nagar		Santhiya Nagar	

S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
19	37	Subramani Street	5 HP, 10 HP and 15 HP	Subramani Street	Rain Water discharged to Storm Water Drain
20	37	Lord Madha Street		Lord Madha Street	
21	37	Srinivasan Street		Srinivasan Street	
22	38	Patel Nagar 3rd Street	10HP-1, 5HP-1	Patel Nagar 3rd Street	B-Canal
23	38	Ilaya Street, KamarajStreetin Div - 40	25HP– 2 Nos Electrical Motor	AE Koil Street Pump Room	SWDatQQ Scheme Roads
24	40	Thiruvalluvar Quarters	20HP-2 Nos	Thiruvalluvar Quarters back side Entrance (10X10X22M) Sump	Ellaya Street
25	40	VOC Nagar		28th Link Street TP Scheme Road	Ellaya Street
26	40	Chelliamman kovil Street	Canal Overflow into this area so not feasible of pump usage-natural Disposal to SWD		
27	41	Annai Sathya Nagar	10 HP 4-Nos 20 HP 2-Nos 25HP 1-No 25 HP 1-No 45 HP 1-No	Sump (7X4X2.5M) Near Wellness center, Phase-I and Phase-II	Canal
28	41	Kannagi Nagar	25 HP 1-No 10 HP 1-No		Canal
29	41	MGR Nagar	5 HP 1-No 10 HP 1-No 20 HP 1-No	Near murugan Temple	Canal
30	41	Nehru Nagar	25 HP 1-No 10 HP 1-No	14th Street	Canal
31	41	Ezhil Nagar	25 HP 1-No 10 HP 1-No	A Block 6th Street	Canal
32	41	Ezhil Nagar	25 HP 1-No 10 HP 1-No	A Block 12th Street	Canal
33	41	Thoppai Vinayagar Salai	25 HP 1-No 10 HP 1-No	JN of MGR Nagar	Canal

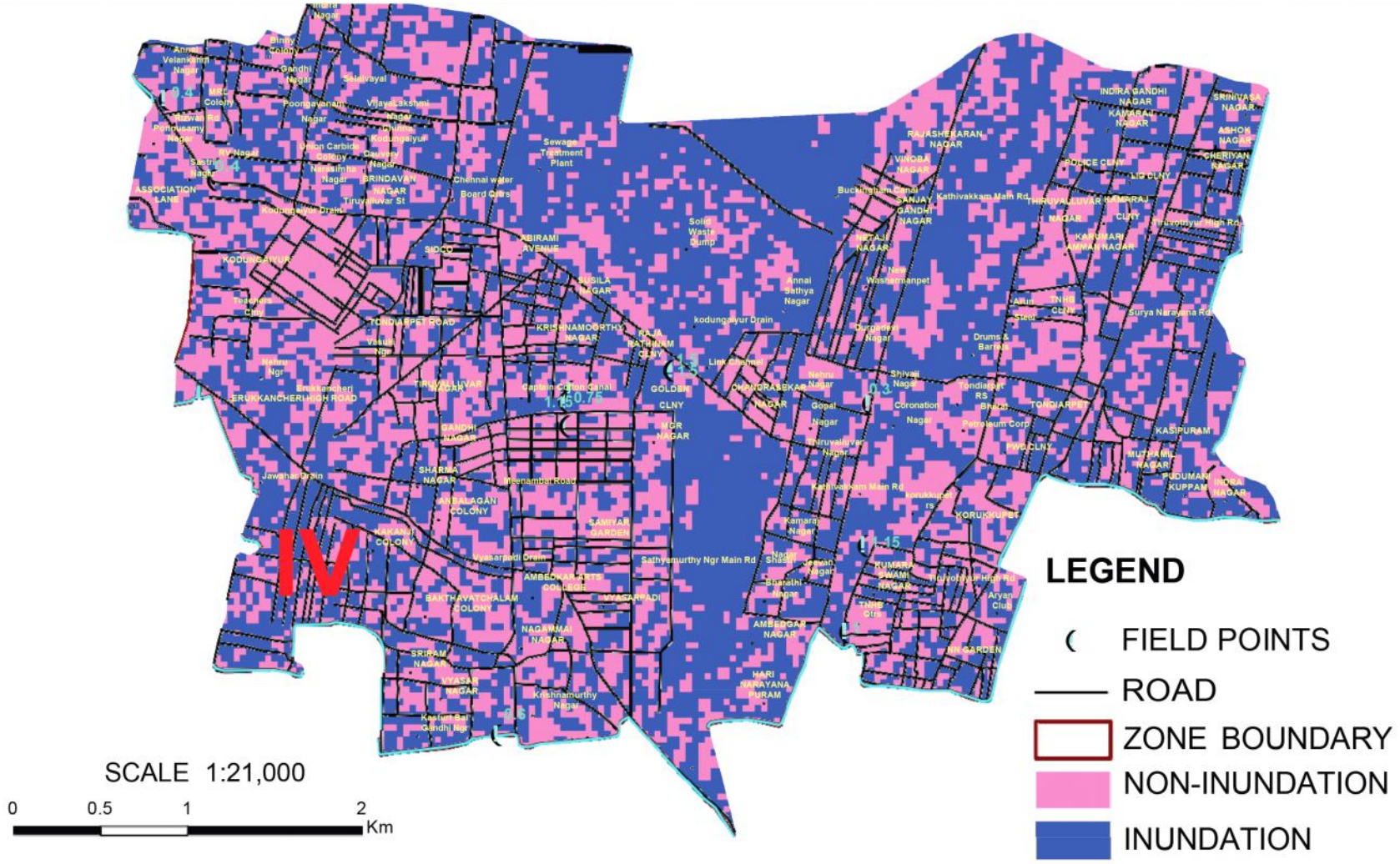
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
34	42	Kailasam Street	20HP-1, 10HP-1	Junction Ilaya Street	Ilaya Street SWD
35	42	Rettaikuzhi Street	10HP-2	Police Station	TH Road SWD
36	42	Jeeva Park	10HP-1	Rathinasabathy Street Phase-1	TH Road SWD
37	42	Jeeva Park	20HP	Jn of veera kutty street	TH Road SWD
38	43	Kasimedu Fishing Horbour	12X12X10M 20HP 1-No	Kasimedu Fish market	Sea
39	46	SM Nagar 24th Block	4HP-1 Nos, 2HP-1 No	Jn of SM Nagar Main Road	Vyasarpadi Canal
40	47	CB Road & KH Road	10HP-1,5HP-1,3HP-1 No	Sigirinthapalayam 4th St	Kamarajar 10th,12th Streetupto 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.

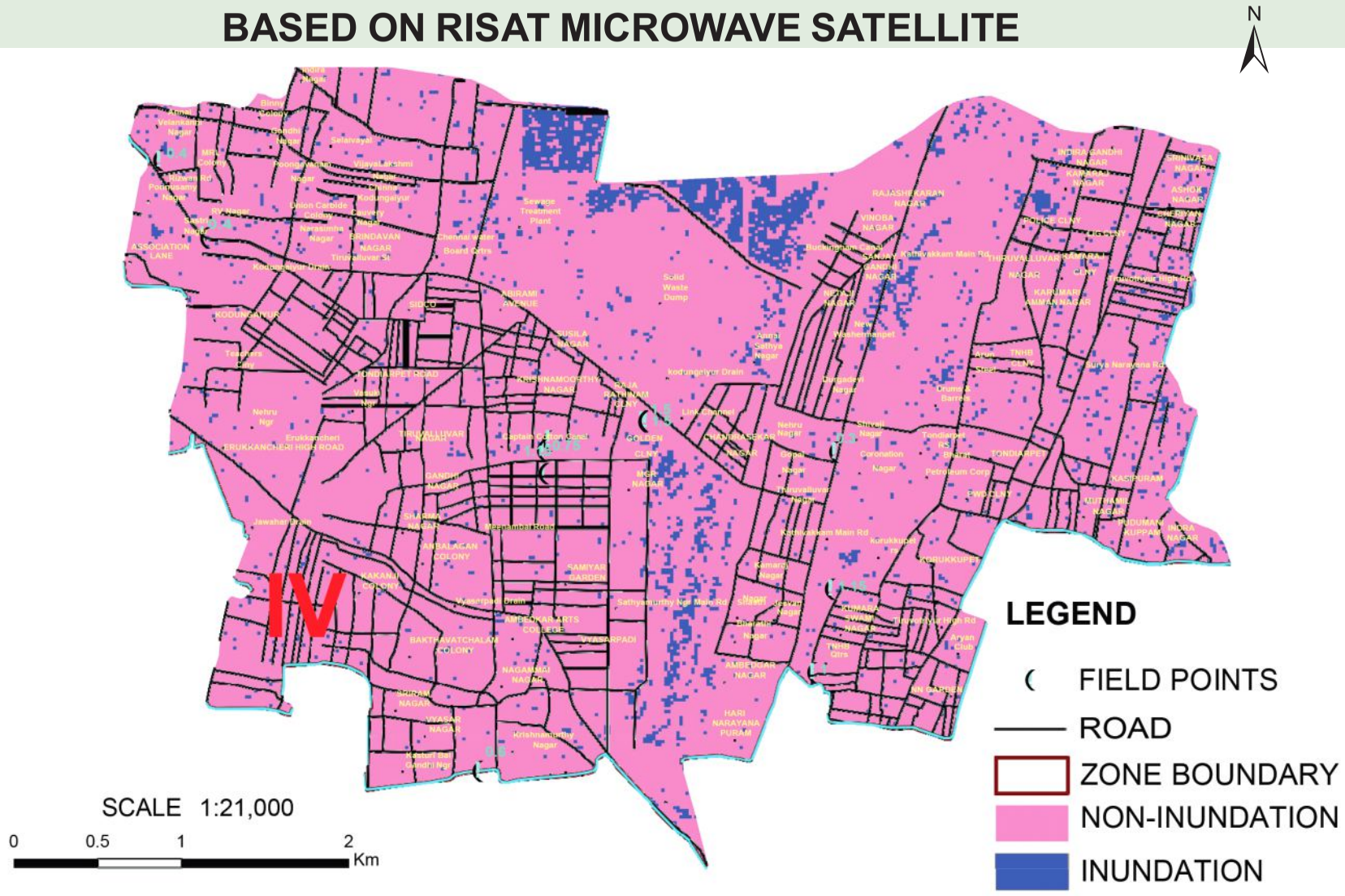
FLOODINUNDATIONMAPFORKANNADASANNAGARIN2005



INUNDATION EXTENT ON 3 DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



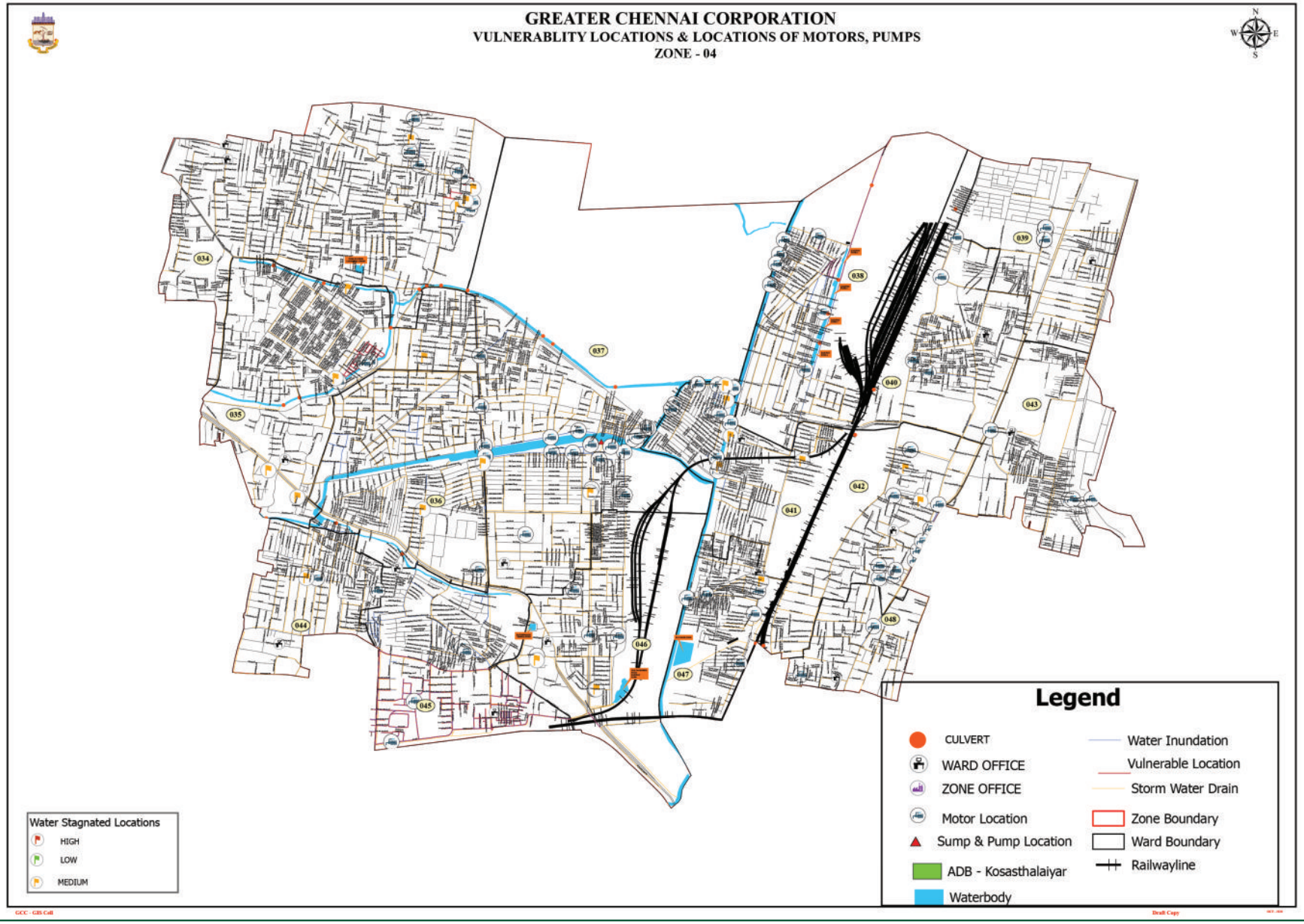
INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 04



Water stagnated streets in the monsoon 2015- Mild rain fall

S.No.	Ward	Name of the Street
1	34	Manali Salai
2	34	Annai Therasa Street
3	35	West Avenue Road
4	35	TH Road
5	34	Kamaraj Road
6	36	Thiruvalluvar Nagar
7	37	TVK Link Road
8	37	MKB 3rd, 4th, 5th, and 7th Cross Street
9	46	Mosque Street
10	46	Venkateswara Perumal Koil Street
11	46	Moorthingar Arikarai street (Raveeswarar Koil)

Water stagnated streets in the monsoon 2015 - Moderate rain fall

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

Stagnation of water in streets due to sewer blocks

Sl..	ward	Streets	No. of manholes
1	34	Harbour Colony	2
2	35	MuthamizhNagar	3
3	35	GanthiNagar	3
4	36	Suphpunalkarai	5
5	36	Poombuhar Nagar	8
6	36	AshokLeylandQuarters	2
7	36	Puthunagar	7
8	36	sharmanagar	3
9	36	Erukanchery nagar	2
10	37	R.R.Nagar	5
11	37	AnnaiSathyanagar	6
12	37	Krishnamurthy Nagar	3
13	37	Damother Nagar	4
14	37	MGR Nagar	6
15	46	Debar Nagar	2
16	46	JJR Nagar	1
17	37	SamiyarThottam	4
18	37	GoldenComplex	3
19	38	Tamilar Nagar	6
20	41	NehruNagar	9
21	38	E H Road	9
22	40	IlayaStreet	11
23	40	VOC Nagar	10
24	41	Aziz Nagar	3
25	41	KumaranNagar	4
26	41	CoronationNagar	5
27	41	GopalReddy Nagar	6
28	41	MuneeswaranNagarI&II Street	2
29	41	MGR Nagar	4
30	41	EzhilNagar	3
31	47	JJ Nagar H,I,J,K Nagar	4
32	41	KarumaiammanNagar	6
33	41	KannakiNagar	4
34	41	AnnaiSathyanagar	3
35	41	RikshawColony	1

36	43	YMCAKuppam	2
37	45	VinayakapuramMain Road	4
38	45	Kakkanjicolony	3
39	45	AnnaNagar	3
40	45	KamarajNagar	5
41	45	Ganeshapuram	2
42	45	vyasarnagarmainroad	3
43	45	BalakrishnanStreet	5
44	45	Sundaram6thStreet	4
45	46	Kennedy Nagar	3
46	46	Samanthipoocolony	2
47	46	MallipooColony	1
48	46	NehruNagar	1
49	46	C Kalyanapuram	2
50	46	PallaStreet	2
51	47	MeenambalNagar 1st Street	6
52	47	Ambedkar Nagar	4
53	47	JeevaNagar	3
54	47	AnandaMathajiNagar	2
55	47	Sigirinthapalayam 3rd Street	3
56	47	BharathiNagar	4
57	47	Sigirinthapalayam 4th Street	3
58	47	BharathiNagar 6th STreet	4
59	47	Kamaraj Nagar 7th Street	4

Relief Centres

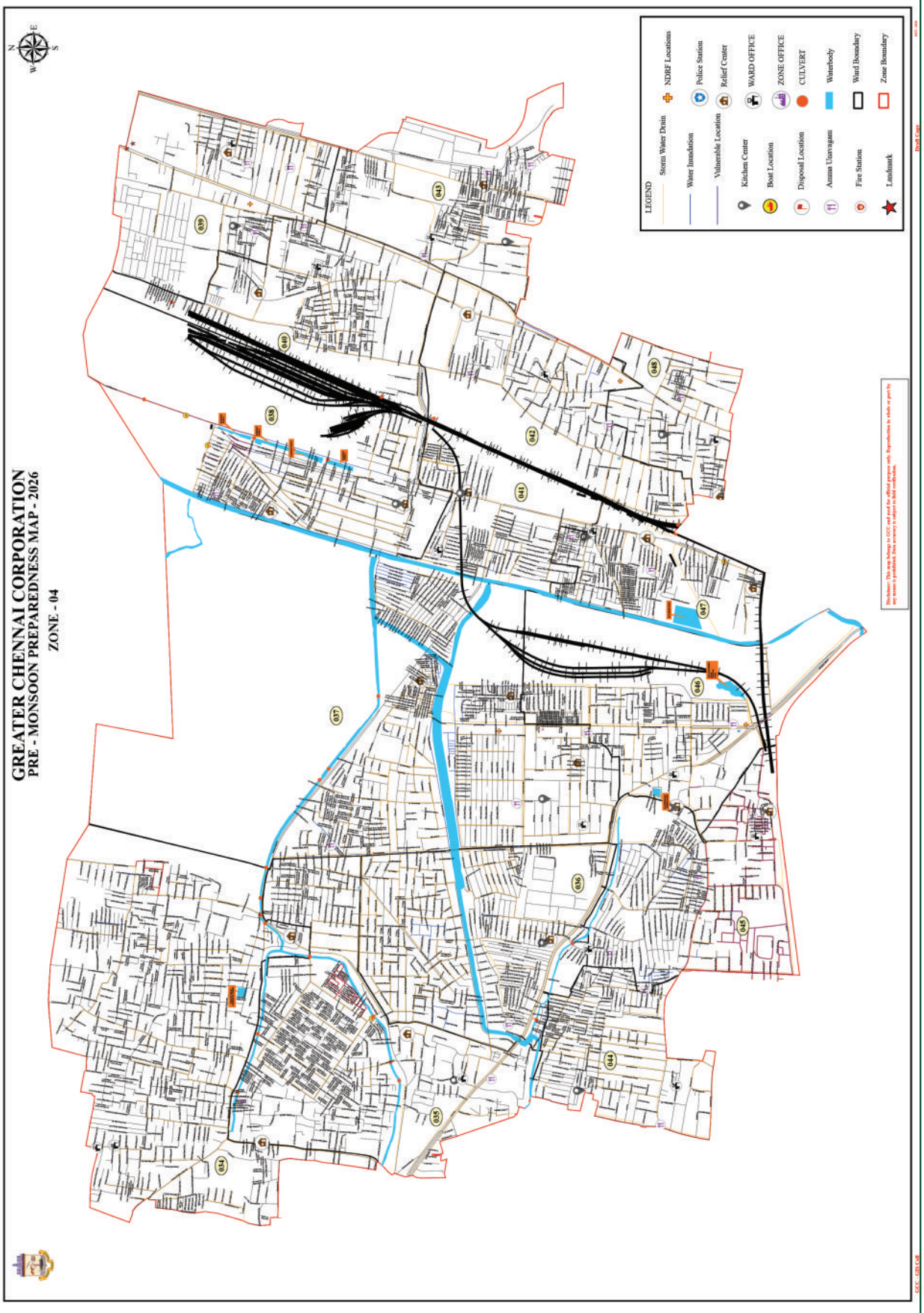
There are 19 relief centres to a total capacity of 14,960 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

Sl. No.	Ward No	Name of the Relief centre	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Nodel Person & Contact Number	Responsiblities	Officer in-Charge	Contact No.
1	34	Chennai Middle School, S.N.Chetty Street	1	100	Yes	7	K.L.GOPINATH, TC, 8778662764	Sanitation, Medicine	SI	9445025837
								Evacuation & Relief Materials	AE	9445190334
								Food & Drinking water	SRO	6380923312
2	34	Chennai Middle School, Kamaraj Salai	4	50	Yes	8	K.L.GOPINATH, TC, 8778662764	Sanitation, Medicine	SI	9445025837
								Evacuation & Relief Materials	AE	9445190334
								Food & Drinking water	SRO	6380923312
3	35	Chennai high School, Anna Salai	11	250	Yes	16	J.ANTHONY RAJ, TC, 9941007147	Sanitation, Medicine	SI	9445025835
								Evacuation & Relief Materials	AE	9445190335
								Food & Drinking water	SRO	6380923312
4	36	Chennai High School & CPS, Sharma Nagar	23	300	Yes	21	G.MANIMARAN, TC, 9840313176	Sanitation, Medicine	SI	9445025836
								Evacuation & Relief Materials	AE	9445190336
								Food & Drinking water	SRO	9003187965

Sl. No.	Ward No	Name of the Relief centre	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Nodel Person & Contact Number	Responsiblities	Officer in-Charge	Contact No.
5	37	Chennai Primary School, RR Nagar	6	200	Yes	5	D.BALAJI, TC, 9940066283	Sanitation, Medicine	SI	9445025837
								Evacuation & Relief Materials	AE	9445190337
								Food & Drinking water	SRO	9003187965
6	37	Chennai Middle School, S.N.Chetty Street	6	200	Yes	5	D.BALAJI, TC, 9940066283	Sanitation, Medicine	SI	9445025837
								Evacuation & Relief Materials	AE	9445190337
								Food & Drinking water	SRO	9003187965
7	37	Chennai Middle School, S.N.Chetty Street	5	200	Yes	5	D.BALAJI, TC, 9940066283	Sanitation, Medicine	SI	9445025837
								Evacuation & Relief Materials	AE	9445190337
								Food & Drinking water	SRO	9003187965
8	38	Chennai Primary School, Patel Nagar	10	400	Yes	20	S. KANNAN, TC, 9092009120	Sanitation, Medicine	SI	9445025838
								Evacuation & Relief Materials	AE	9445190338
								Food & Drinking water	SRO	6380923312
9	38	Murugar Kovil Kalayanamandapam, Nethaji Nagar	1	100	Yes	1	S. KANNAN, TC, 9092009120	Sanitation, Medicine	SI	9445025838
								Evacuation & Relief Materials	AE	9445190338
								Food & Drinking water	SRO	6380923312

Sl. No.	Ward No	Name of the Relief centre	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Nodel Person & Contact Number	Responsiblities	Officer in-Charge	Contact No.
10	39	Chennai Primary School, Kannu street	12	200	Yes	10	R.D.ROMARIO BABU, TC, 8778498078	Sanitation, Medicine	SI	9445025839
								Evacuation & Relief Materials	AE	9445190339
								Food & Drinking water	SRO	9003187965
11	40	Chennai High School, Kamaraj Salai	21	300	Yes	10	M.KANNAN, TC, 8778941793	Sanitation, Medicine	SI	9445025840
								Evacuation & Relief Materials	AE	9445190340
								Food & Drinking water	SRO	9003187965
12	41	Chennai Middle School, Cornation Nagar	5	300	Yes	16	N.MOHAN, TC, 9884310508	Sanitation, Medicine	SI	9445025841
								Evacuation & Relief Materials	AE	9445190341
								Food & Drinking water	SRO	6380923312
13	42	Chennai Middle School, Seniamman Koil Street	4	200	Yes	8	K.SARATHKUMAR, TC, 9123532128	Sanitation, Medicine	SI	9445025842
								Evacuation & Relief Materials	AE	9445190342
								Food & Drinking water	SRO	6380923312
14	43	Chennai Middle School, S.N.Chetty Street	2	100	Yes	5	G.YUVARAJ, TC, 9444321882	Sanitation, Medicine	SI	9445025843
								Evacuation & Relief Materials	AE	9445190343
								Food & Drinking water	SRO	9003187965

Sl. No.	Ward No	Name of the Relief centre	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Nodel Person & Contact Number	Responsiblities	Officer in-Charge	Contact No.
15	45	Chennai High School, Ganeshapuram Main Road	20	150	Yes	24	R.MANIKANDAN, TC, 8667368010	Sanitation, Medicine	SI	9445025845
								Evacuation & Relief Materials	AE	9445190345
								Food & Drinking water	SRO	9003187965
16	46	Chennai Middle School, Murthingar Street	6	200	Yes	12	R.SHANMUGAM, TC, 9382171451	Sanitation, Medicine	SI	9445025846
								Evacuation & Relief Materials	AE	9445190346
								Food & Drinking water	SRO	9003187965
17	47	Chennai Primary School, Meenambal Nagar	11	200	Yes	12	V.RAJESH, TC, 9345227124	Sanitation, Medicine	SI	9445025847
								Evacuation & Relief Materials	AE	9445190347
								Food & Drinking water	SRO	9003187965
18	47	Chennai High School, Harinarayanapuram	22	200	Yes	12	V.RAJESH, TC, 9345227124	Sanitation, Medicine	SI	9445025847
								Evacuation & Relief Materials	AE	9445190348
								Food & Drinking water	SRO	9003187965
19	48	Corporation Community Centre, Parthasarthy Nagar	2	100	Yes	4	G.THANGARAJAN, TC, 7397349909	Sanitation, Medicine	SI	9445025848
								Evacuation & Relief Materials	AE	9445190756
								Food & Drinking water	SRO	6380923312


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 04
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
Disclaimer: This map belongs to GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data accuracy is subject to field verification.

Subways

There are 1600 roads, out of which 1591 roads to a length of 220.02 Km are Interior Roads, 6 Roads to a length of 7.34 Km are Bus Route Roads maintained by GCC and the remaining 3 roads are under the maintenance of Highways department and 2 roads are under NHAI.

Sl. 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 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	8Nos of 108 Hps



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 1st Street
12	48	48-ward office
13	48	Parthasarathy street

Streets - water entered houses - do not require evacuation

During the last monsson, 20 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 20 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 20 pumps ranging from 5 HP to 15 HP capacity. The identified vulnerable spots is as below,

Sl.No.	Ward/Name	Name of the area/ streets
1	43 Kasimedu Village	Singarvelan Nagar Palla Paguthi
2	35 Kodungaiyur	Muthamil Nagar 6th Blocks
3	35 Kodungaiyur	Muthamil Nagar 7th Blocks
4	35 Kodungaiyur	Muthamil Nagar 8th Blocks
5	37 Kodungaiyur	MKB Nagar 6th Main Road
6	37 Kodungaiyur	MKB Nagar 5th Cross Street
7	37 Kodungaiyur	Central Avenue,North Avenue Road
8	38 Tondiarpet	Patel Nagar 3rd Street, Nehru Nagar 13th 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 24th 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 accomodated in Schools, 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	2015	Chinna KodungaiyurSchool
2	35	Muthamil Nagar 7 th Block	3670		Chennai High School, No.105, Kamaraj High Road Kodungaiyur, Chennai – 600 118
3	35	Muthamil Nagar 8 th Block			Chennai Middle School, Tondiarpet, High Road
4	36	TVK 1st Link Road	200	2015	Chennai Middle School, Periya Kodungaiyur
5	36	Dr. Radhakrishnan Street			Chennai High School, Sharma Nagar
6	36	Ambedkar Street			
7	36	Sharma nagar 3 rd Main Road			
8	36	Indra Nagar 2 nd Cross Street			
9	36	19th 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 16th to 19th Central and East	1500	2015	RR Nagar-CMS MKB Nagar-CMS KKD Nagar-CMS
12	37	RR Nagar 3rd & 4th Main Road			
13	37	RR Nagar 5th,6th and 2nd Main Road			
14	37	RR Nagar 2nd,3rd,5th & 6th Cross Road			
15	37	KKD Nagar			
16	37	Santhiya Nagar			
17	37	Subramani Street			
18	37	Lord Madha Street			
19	37	Srinivasan Street			
20	38	Patel Nagar,	400	2015	CHSS- Patel Nagar 4th Street, Nadar Kalyanaman dapam-Nethaji Nagar 5th St
21	38	Nedunchelian Nagar,	500	2015	
22	38	New Vinobha Nagar,	475	2015	
23	38	Sanjay Gandhi Nagar,	1000	2015	
24	38	Annai Sandhya Nagar,	900	2015	
25	38	Nehru Nagar,	600	2015	
26	38	Nethaji Nagar&	300	2015	
27	38	Tamizhar Nagar	240	2015	
28	40	VOC Nagar	600	2015	Kamaraj Salai CMS,Thriuvalluvar Nagar CPS
29	40	VOC Nagar 36 huts	5000	2015	
30	40	Chelliamman Koil Street		2015	
31	40	AA Scheme Road		2015	
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 3rd 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 & Nadar Uravin Murai Kalyanamandapam, No.4/46, Bharathi Nagar 2nd Street, Korrukkupet, Chennai – 600 021. Harinarayanapuram -CHS
40	47	Rajiv Gandhi Nagar	60	2015	



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.

Sl. No.	Ward	Contact person	
		Designation	Phone number
1	34,35	Assistant Engineer	9445477689
2	36,44	Assistant Engineer	9445190230
3	38,39,40,43	Assistant Engineer	9445190914
4	41,42,47,48	Assistant Engineer	9445190915
5	37,45,46	Assistant Engineer	9445190918
6	34 to 48	Additional Divisional Engineer (Zone)	9445190044
7	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	Community Centre at Kummal Amman streeet
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.

Sl. 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	Ishwarya Nagar-1	Ishwarya Nagar-1	9445190334 AE
4	38	Nehru Nagar 18 th Street - 1	Nehru Nagar 18 th Street - 1	9445190338 AE
5	38	Nehru Nagar 14 th Street - 1	Nehru Nagar 14 th Street - 1	9445190338 AE
6	38	Tamizhar Nagar -1	Tamizhar Nagar -1	9445190338 AE
7	38	Patel Nagar 3 rd Street - 1	Patel Nagar 3 rd Street - 1	9445190338 AE
8	38	New Vinobha Nagar 1 st Street -1	New Vinobha Nagar 1st 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 & 1 super sucker 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

Sl..	Ward	Name of the Streets
1	47	Jeeva Nagar 1 to 7 Streets & 9 to 16 Streets
2	43	Pudumanai Kuppam 2 to 7 Streets
3		SN Chetty 1 to 7 Lanes
3		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 163 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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
Highways	Divisional Engineer	8754442222
PWD	WRO EE	9444644038
PWD	AE	9941779671

Ward Committee – 35
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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee – 36

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station P-6-36	Inspector	25546241

Ward Committee – 37

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station P-5-37	Inspector	26734888

Ward Committee – 38

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station H-5-38	Inspector	9498132646/ 25953621/ 23452490

Ward Committee – 39

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee – 40

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee – 41
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	8270354815
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	9952962224
Fire service	Inspector	9952962224
Fire service	SFO	9940149681
TNUHDB	Assistant Engineer	9715489977
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9962433252 7200052215
Highways	Divisional Engineer	8754442222
Police station H-6-41	Inspector	25281493

Ward Committee – 42
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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9003430542
Highways	Divisional Engineer	8754442222
Police station H-3-42	Inspector	9444033599/ 25281486

Ward Committee – 43
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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	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

Ward Committee – 44

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee –45

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee – 46

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

Ward Committee –47

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222
Police station H-4-47	Inspector	9498138276 / 25281488

Ward Committee – 48

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	8270354815
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
TNUHDB	Assistant Engineer	9445074736
TNUHDB	Assistant Engineer	9445074731
TNUHDB	Assistant Engineer	9445074709
PWD	WRO EE	9444644038
PWD	AE	9941779671
Highways	Divisional Engineer	8754442222

ZONE - V

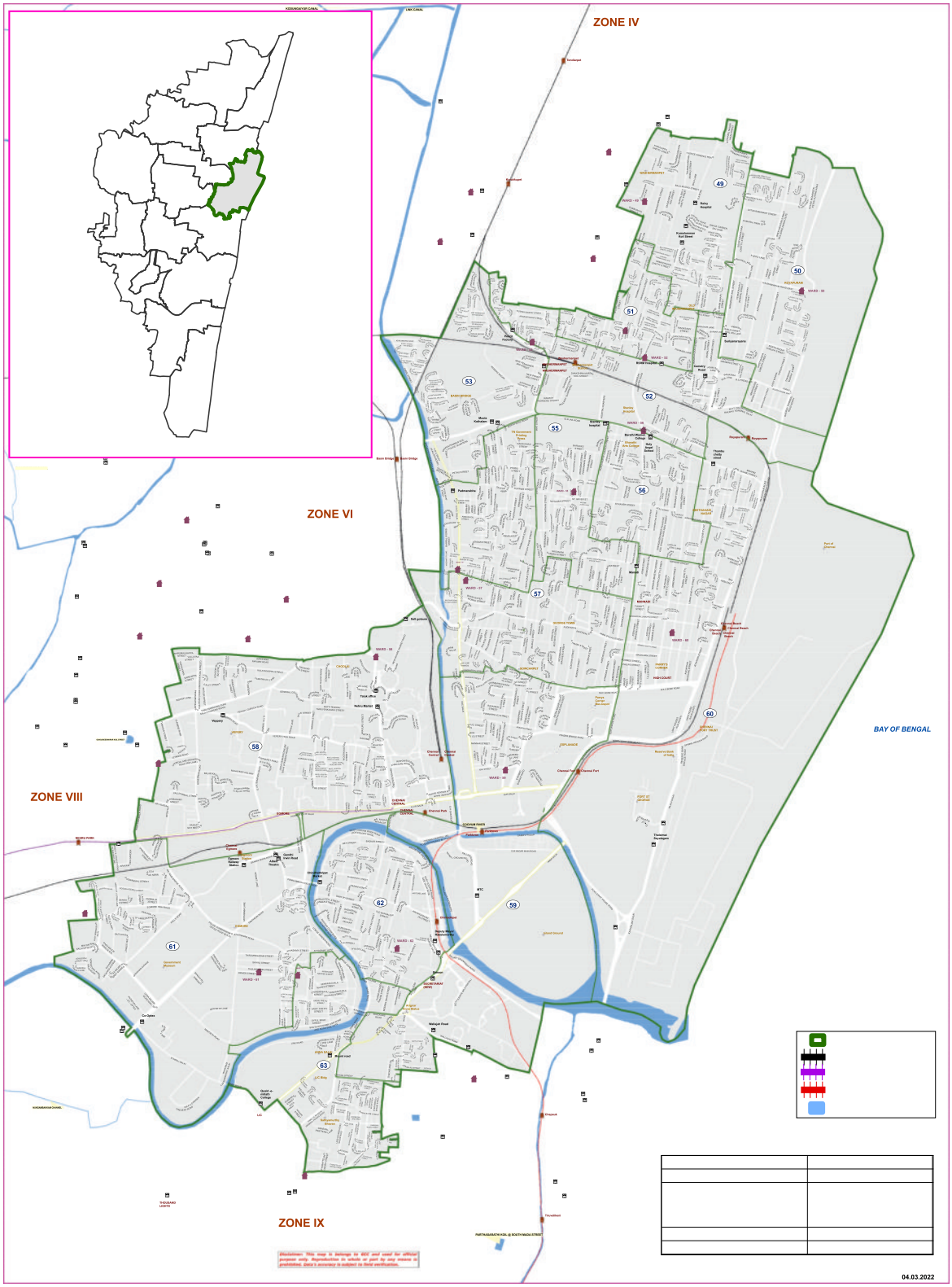
ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	371
2	Zone Administration	372
3	Public Health & Disease Control	373
4	Parks	373
5	Sewage Pumping Station	375
6	Tamilnadu Urban Habitat Development Board	375
7	Water Bodies and Water ways	377
8	Storm Water Drain	379
9	Water stagnated streets in the previous monsoon - Heavy rain fall	380
10	Water stagnated streets in the previous monsoon - Mild Rain fall	386
11	Water stagnated streets in the previous monsoon - Moderate Rain fall	386
12	Stagnation of water in streets due to sewer block	387
13	Relief centre	388
14	Subway	391
15	Tree fall	393
16	Streets - water entered houses - do not require evacuation	393
17	Streets that require evacuation	393
18	Lighting facilities	394
19	National Disaster Response force	394
20	Rescue Boats	395
21	Transport Equipments & Lorries	395
22	Less than 2.5m streets that cannot be accessed by Vehicles	395
23	Ward Committee	395

ROYAPURAM

ZONE V - WARD BOUNDARY

GREATER CHENNAI CORPORATION
ZONEE - V
TN GOVT. GAZATTE NO.408 DATED:14.12.2018



Profile

Royapuram zone lies in Latitude 13.10465 °, Longitude 80.27447 ° 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 6.19 lakhs that has Male population of 50.84% and Female population of 49.16 %. The most crowded area in the zone is Sevenwells with a population of 49245 and the least is Komaleswaran Pettai with a population of 35478. The Ward wise population of the zone is given below,

Sl.No.	Ward No./Name	Total House Holds	Total Population
1	49 Old Wasermanpet	12138	42899
2	50 Panamarathotti	8981	44162
3	51 Oldwasermanpet	9252	40564
4	52 Meenachi Amman pettai	9613	40381
5	53 Moolakathalam	8379	40922
6	54 Kondithope	10816	48560
7	55 Seve Wells	10617	49245
8	56 Muthiyalpettai	7440	39500
9	57 Sowcarpet	15860	43555
10	58 Periyamedu	11910	40351
11	59 George Town	8188	37207
12	60 Seethakaathi Nagar	14349	41754
13	61 Egmore	12159	37988
14	62 Chinthardipet	9967	36871
15	63 Komaleeswaran pettai	10248	35478
	Total	159917	619437

Zone Administration

The Zone is headed by the Assistant Commissioner (S.G) / DRO who is assisted by 2 Executive Engineers, Senior 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 respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	49 to 63	9445467054
2.	AC (S.G) / DRO	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.

Sl. 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	Unit -14	9445190114
6	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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Sanitary Officer	49 to 53	9003032984
2	Sanitary Officer	54 to 57 &60	9444132493
3	Sanitary Officer	58,59 to 62 & 63	9952958257

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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	49 to 63	7200901444
2	Veterinary Surgeon	49 to 63	9445026041
4	Sanitary Officer	49 to 53	9003032984
5	Sanitary Officer	54 to 57 & 60	9444132493
6	Sanitary Officer	58,59 & 61 to 63	9952958257

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,

Sl. No.	Team member contact No.	Equipment available(give numbers)	Area of operation
1	7299519348 Park Overseer	Motor saw -16 Nos ManuvalSaw-4Nos 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

S.No	Ward	Name / Location of the 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,

Sl. No.	Pumping Station	Capacity MLD	No. of pumps
1	Pumping Station Road	30	50 HP-1 100 HP-1
2	East Kalmandapan Road	30	50 HP-1 100 HP-1
3	Ibhrahim Salai	30	50 HP-1 100 HP-1
4	North Wall Road K.H. Road	30	50 HP-1 100 HP-1
5	Malayappan Street	30	50 HP-1 100 HP-1
6	Jatkapuram	30	50 HP-1 100 HP-1
7	Rajamuthiah road (Rippon building annex road)	30	40 HP -1
8	Iyyasamy Street	30	50 HP-1 100 HP-1
9	S.M.Nagar N.S.C.Bose Road	30	50 HP-1 100 HP-1
	Total	270	17

Tamilnadu Urban Habitat Development Board

There are 9 TNUHDB 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,

Sl. No.	Ward No./Name	Tenement location	No. of tene-ment	Population
1	52	Karimadu Kalani	80	1280
2	51	East Cemetry Road	70	1542
3	51	West Cemetry Road	120	1850
4	50	Jeevarathinam Nagar 1-5 Street	150	1258
5	50	Chetty Thottam	150	475
6	50	G.M.Pettai	150	1345
7	56	BRN Garden	85	1065
8	56	Bishop Lane	50	985
9	57	Kalyanapuram	60	1245
10	59	Ellis Puram	71	426
		Total	986	11471

Contact details

Department	Designation	Area	Contact No.
Conservancy/ GCC	Sanitory Officer	49 to 53 (Royapuram)	9003032984
Conservancy/ GCC	Sanitory Officer	54,55,56,57 & 60 Harbour	9444132493
Conservancy/ GCC	Sanitory Officer	58,59,61,62& 63 Egmore	9952958257
Water Supply& Sewage / CMWSSB	Assistant Engineer	49 to 63	Area Engineer-5 8144930905 Asst. Engineer-49 to 63 8144930049 to 8144930063
TNUHDB	Executive Engineer	49 to 63	9445074776

Water Bodies and Waterways

Buckingham canal is the only canal which touches the zone in Moolakothalam Canal road that travels about 2.75 km and leaves at George town to zone 9.

Public Works Delpartment is doing a massive work to remove hyacinth and desilting work is done by PWD in the Buckingham canal maintained by them. Cleaning and de-silting 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,

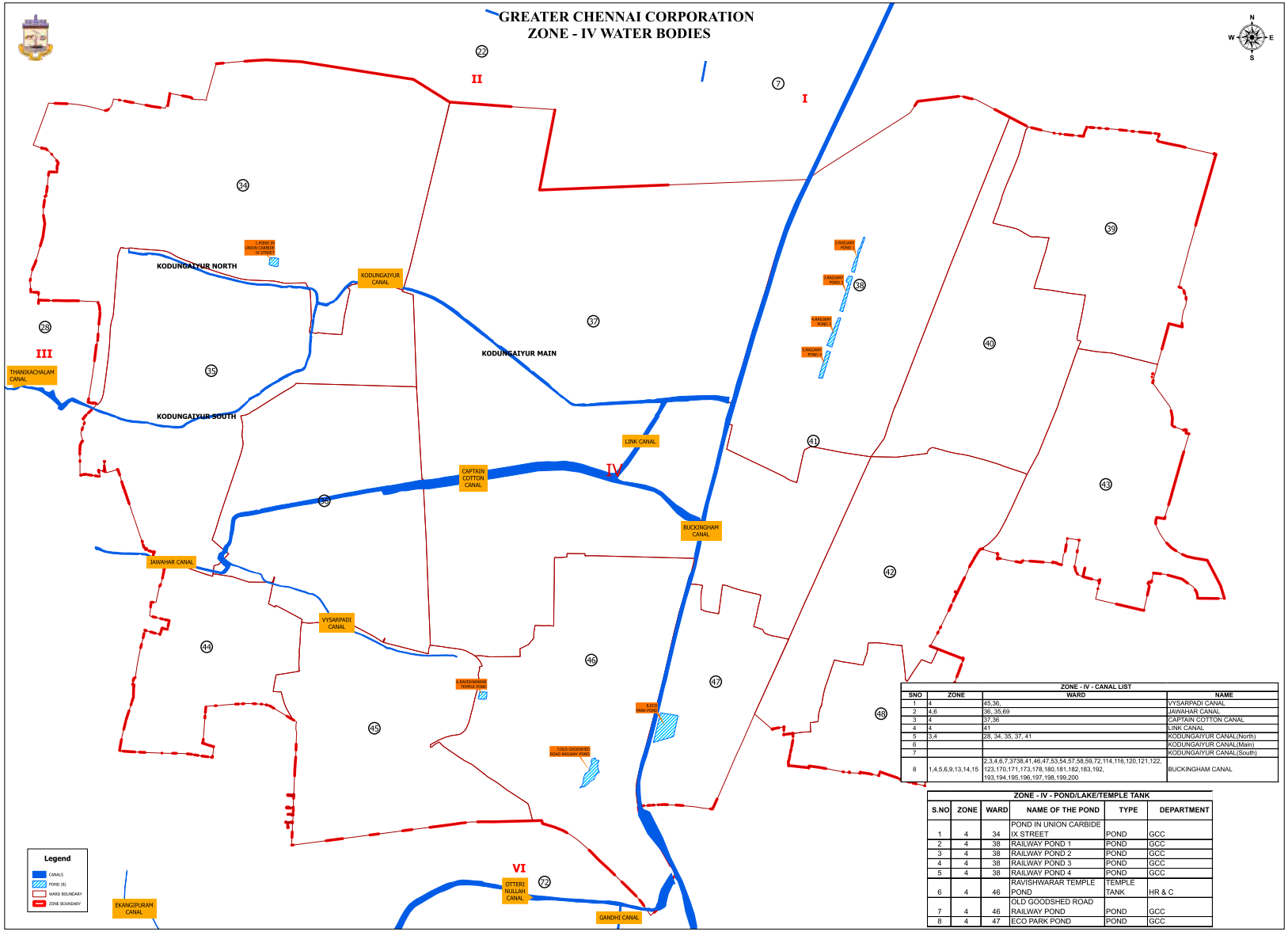
Canals

Sl. No.	Divisions Covered	Name of the Canal	From	To	Length of Canal (Km)
1	53,54,57 & 59	B-Canal	Moolakotharam Canal road	George town	2.75

Other water bodies

Sl No	Ward No	Name of other water bodies	Length / Area
1	61,62,63 & 59	Coovum river	4 Km

GREATER CHENNAI CORPORATION
ZONE - IV WATER BODIES



ZONE - IV - CANAL LIST

SNO	ZONE	WARD	NAME
1	4	45,36,	VYSARPADI CANAL
2	4,6	36, ,35,69	JAWAHAR CANAL
3	4	37,36	CAPTAIN COTTON CANAL
4	4	41	LINK CANAL
5	3,4	28, 34, 35, 37, 41	KODUNGAIYUR CANAL(North)
6			KODUNGAIYUR CANAL(Main)
7			KODUNGAIYUR CANAL(South)
8	1,4,5,6,9,13,14,15	2,3,4,6,7,3738,41,46,47,53,54,57,58,59,72,114,116,120,121,122, 123,170,171,173,178,180,181,182,183,192, 193,194,195,196,197,198,199,200	BUCKINGHAM CANAL

ZONE - IV - POND/LAKE/TEMPLE TANK

S.NO	ZONE	WARD	NAME OF THE POND	TYPE	DEPARTMENT
1	4	34	POND IN UNION CARBIDE IX STREET	POND	GCC
2	4	38	RAILWAY POND 1	POND	GCC
3	4	38	RAILWAY POND 2	POND	GCC
4	4	38	RAILWAY POND 3	POND	GCC
5	4	38	RAILWAY POND 4	POND	GCC
6	4	46	RAVISHWARAR TEMPLE POND	TEMPLE TANK	HR & C
7	4	46	OLD GOODSHED ROAD RAILWAY POND	POND	GCC
8	4	47	ECO PARK POND	POND	GCC

GCC, GIS Cell

DRAFT COPY

MAY / 2026

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.

Sl. No.	Ward	Total No. of SWDs	Length of SWD in 'm'
1	49	24	5690
2	50	25	7107
3	51	12	2577
4	52	12	2068
5	53	34	7740
6	54	10	1764
7	55	16	3946
8	56	9	2517
9	57	15	4348
10	58	36	12054
11	59	25	5643
12	60	17	6368
13	61	33	11705
14	62	26	6578
15	63	36	9243
	Total	330	89348

Water stagnated streets in the monsoon 2015 - 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,

WALLERS ROAD





SINGANNA (C) STREET



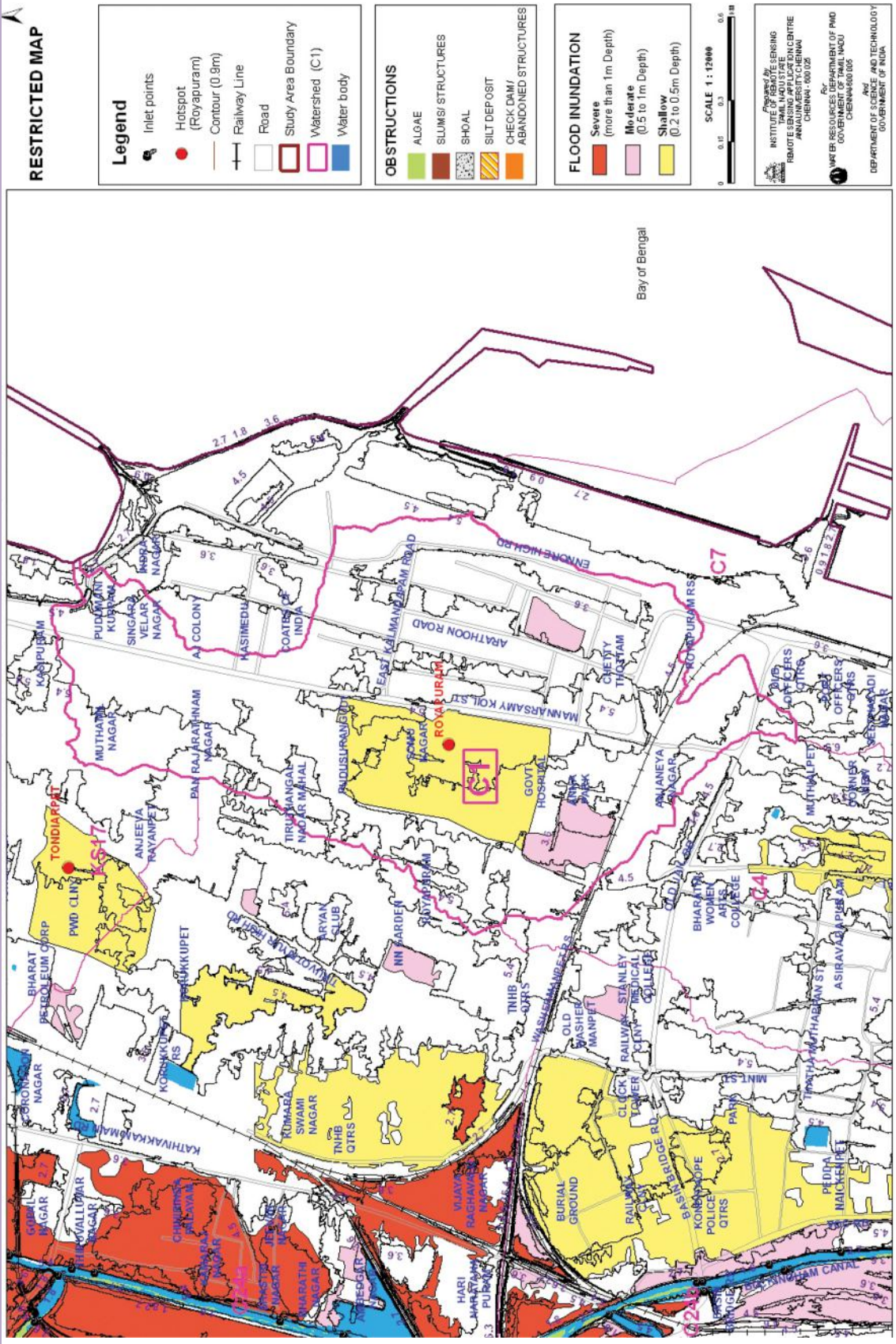


Water stagnated streets in the monsoon 2015 - heavy rain

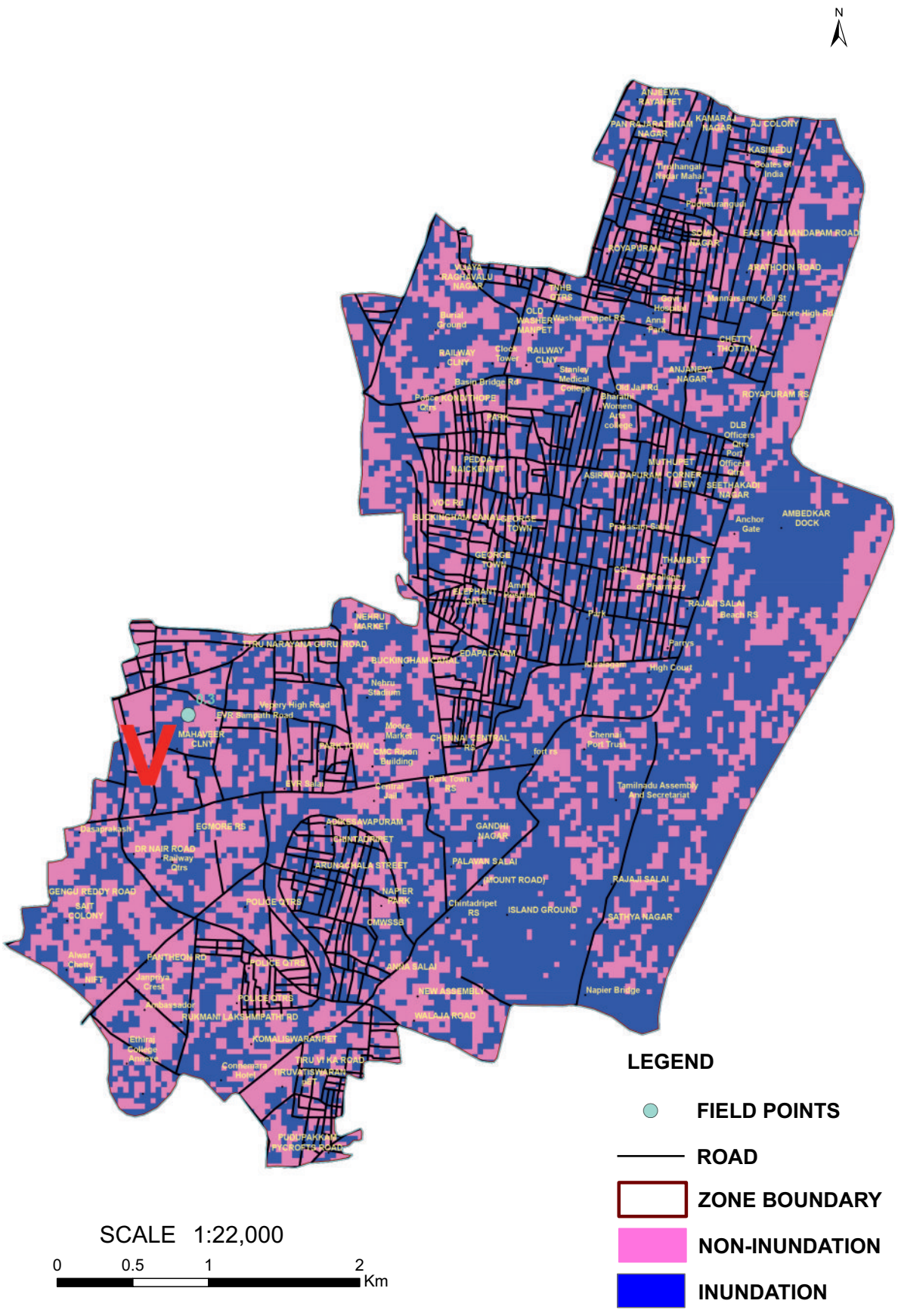
S. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	53	Walltax Road	5 HP	(Police Quarters, Kondithoppe)	Pumped out to B Canal
2	53	Vijayaragavalu Roundana,	10 HP	(Zone-5 Office)	Pumped out to B Canal
3	54	Walltax Road	5 HP	Thirupalli Street junction	Pumped out 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	Iyyasamy st	15 HP	Near CMWSSB office	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.

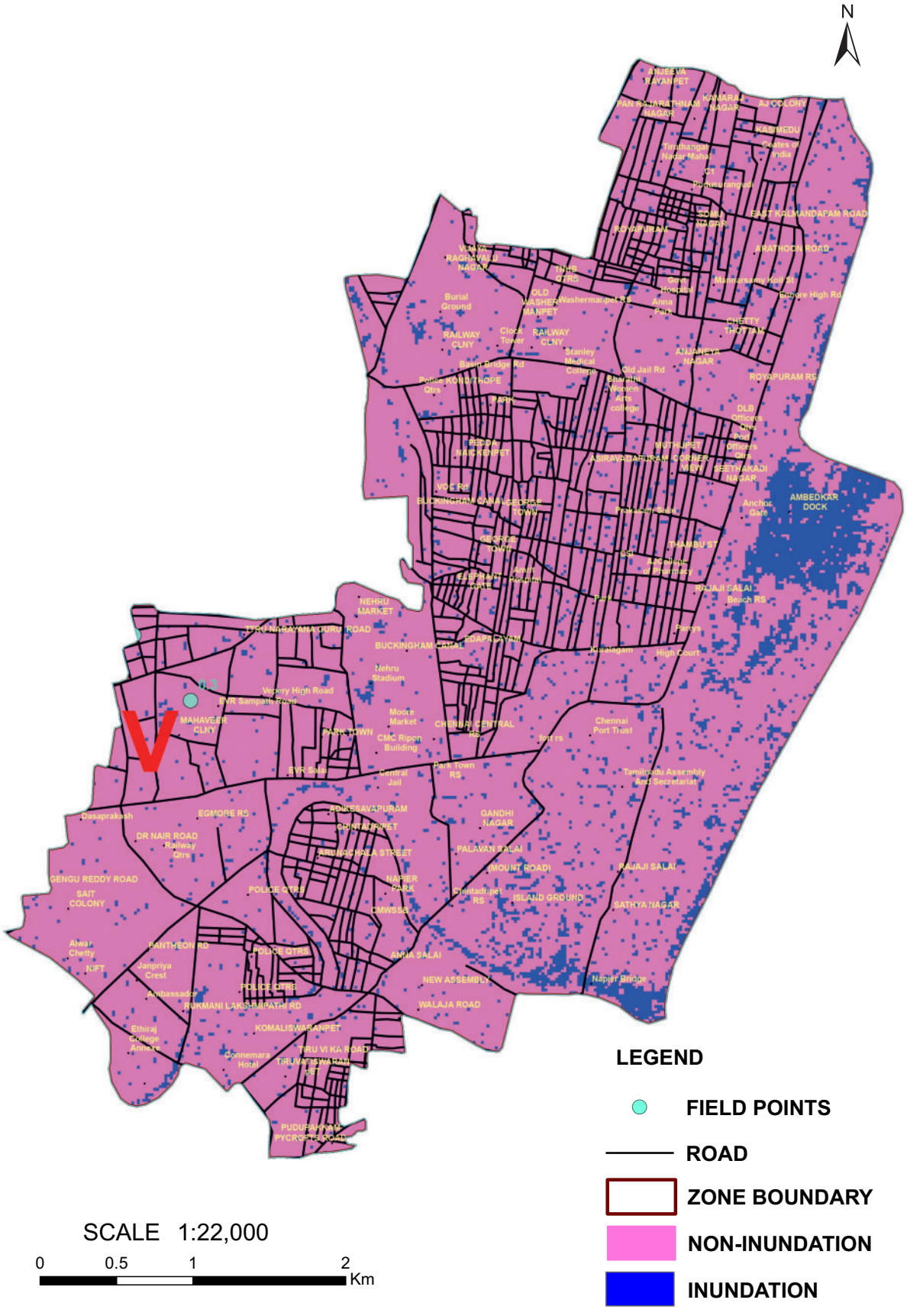
FLOOD INUNDATION MAP FOR ROYAPURAM IN 2005

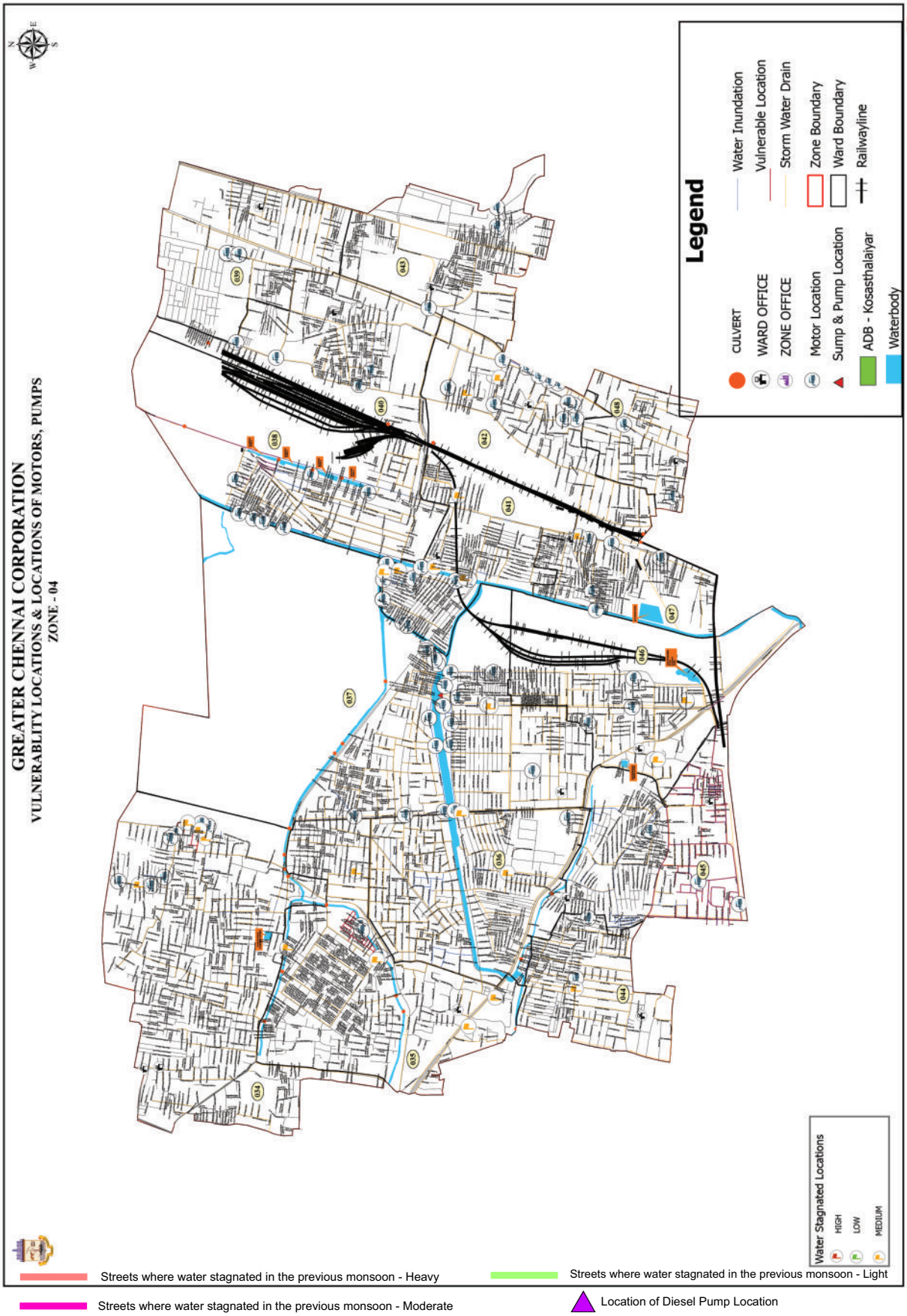


INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



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




GREATER CHENNAI CORPORATION
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS
ZONE - 04
Legend
Water Inundation
Vulnerable Location
Storm Water Drain
Zone Boundary
Ward Boundary
Railwayline
CULVERT
WARD OFFICE
ZONE OFFICE
Motor Location
Sump & Pump Location
ADB - Kosasthalaiyar
Waterbody
Water Stagnated Locations
HIGH
LOW
MEDIUM
Streets where water stagnated in the previous monsoon - Heavy
Streets where water stagnated in the previous monsoon - Light
Streets where water stagnated in the previous monsoon - Moderate
Location of Diesel Pump Location

Water stagnated streetsin the monsoon 2015 - Mild rain

S.No	Ward	Name of the Street
1	53	Parasuraman street
2	53	Chidambaram Nagar
3	57	Ramanan Street
4	59	Sivnantha Salai
5	61	Pantheon Road
6	63	Blakers Road

Water stagnated streets in the monsoon 2015- Moderate rain

S.No	Ward	Name of the Street
1	49	Solaiappan Street
2	49	Kothandaraman Street
3	50	G.M.Pettah
4	50	Durai Street
5	50	Venkatasan Street
6	51	Ramanajam Street
7	51	Cemetry Road Jn of T.H. Road
8	52	Modal Lane 1to 5
9	52	Thoppai Street
10	53	Kannan Roundana
11	53	Jayaraman Street
12	53	Stanly Nagar
13	53	Boojaraja Nagar
14	53	Sajjamunusamy Street
15	53	Peddu Street
16	53	North Wall Road
17	54	Thirupalli Street
18	54	Amman Koil Street
19	54	Wall Tax Road
20	55	Prakasam Salai
21	55	Sevenwells Street
22	55	Amman Koil Street
23	56	Prakasam Salai
24	57	Stringer Street

S.No	Ward	Name of the Street
25	57	Devidson Street
26	58	Sydnames Road
27	58	Bakkers Street
28	58	General Collins road
29	61	Velayudam Street
30	61	Driver Street
31	63	South Coovum road

Stagnation of water in streets due to sewer blocks

Sl. 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 6th 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

Sl. No.	Ward /Name	Name of the Streets	No. of manholes
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
11	59	Thanchai Murugapa Street Mint Street Boomu Street Frazer Bridge Road	3 2 2 3
12	60	Jones St Mookarnala muthu Street Philipes St Moor St Mannady Post office St	2 2 3 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.

Sl. 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.
1	50	200	CMS Durai St	Durai st & surrounding plases	Yes	Yes	Yes	Sanitation, Medicine	SI	9092814637
								Evacuation & Relief Materials	AE	9445190350
								Food & Drinking water	ARO	9884043659
2	53	200	Zonal office-5, No.61 Basin Bridge Road, Royapuram	Chidambaram Nagar	Yes	Yes	NO	Sanitation, Medicine	SI	9445025853
								Evacuation & Relief Materials	AE	9445190353
								Food & Drinking water	ARO	9884043659
3	58	300	Community hall Mannapar Thidal Sydenhams Road	Thideer Nagar and Natesan Nagar	Yes	Yes	NO	Sanitation, Medicine	SI	9629987460
								Evacuation & Relief Materials	AE	9841952155
								Food & Drinking water	ARO	8838018634
4	59	200	Community hall S.M.Nagar	Gandhi Nagar	Yes	Yes	NO	Sanitation, Medicine	SI	9840094340
								Evacuation & Relief Materials	AE	9445190359
								Food & Drinking water	ARO	8838019634
5	62	200	MRTS Railway Station Chinthardripet	Pallavan Nagar	Yes	Yes	NO	Sanitation, Medicine	SI	9629987460
								Evacuation & Relief Materials	AE	9445190362
								Food & Drinking water	ARO	8838018634
6	61	250	Anthoneyar School Adithanar Salai, Egmore	Transport lane	Yes	Yes	NO	Sanitation, Medicine	SI	8072680350
								Evacuation & Relief Materials	AE	9445190361
								Food & Drinking water	ARO	8838018634

Sl. 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.
7	61	200	Chennai Middle School, Varaharaja puram, Egmore	Varatharaja puram	Yes	Yes	NO	Sanitation, Medicine	SI	8072680350
								Evacuation & Relief Materials	AE	9445190361
								Food & Drinking water	ARO	8838018634
8	62	250	Chennai High School , West Coovum Road Pudupet	Rex Street, Five huts	Yes	Yes	NO	Sanitation, Medicine	SI	9629987460
								Evacuation & Relief Materials	AE	9445190362
								Food & Drinking water	ARO	8838018634
9	62	50	Corpuoration Gym, Ulagappan Street Chinthadripet	West Coovum Road	Yes	Yes	NO	Sanitation, Medicine	SI	9629987860
								Evacuation & Relief Materials	AE	9445190362
								Food & Drinking water	ARO	8838018634
10	63	200	Chennai Primary School Goyathoppu Street Pudupet	South Coovum Road	Yes	Yes	NO	Sanitation, Medicine	SI	8072680350
								Evacuation & Relief Materials	AE	9445190363
								Food & Drinking water	ARO	8838018634

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.

Sl. No.	Location	Length of the subway in'm'	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	Ward 60 R.B.I. Subway	600	Canal	10-HP-6 15 HP-1 25 HP-2
2	Ward 61 Gengu Reddy Subway	400	Canal	10 HP-6 20-HP-1
3	Ward 52 M.C.Road Subway	382	Canal	10 H.P - 4
4	Ward 53 C.B.Road Subway	50	Canal	7.5 HP-1
5	Ward 60 Rajaji Salai Subway near Beach railway station	60	B- Canal	10 HP - 1
6	Ward 53 Bhojaraja Nagar	53	-	-

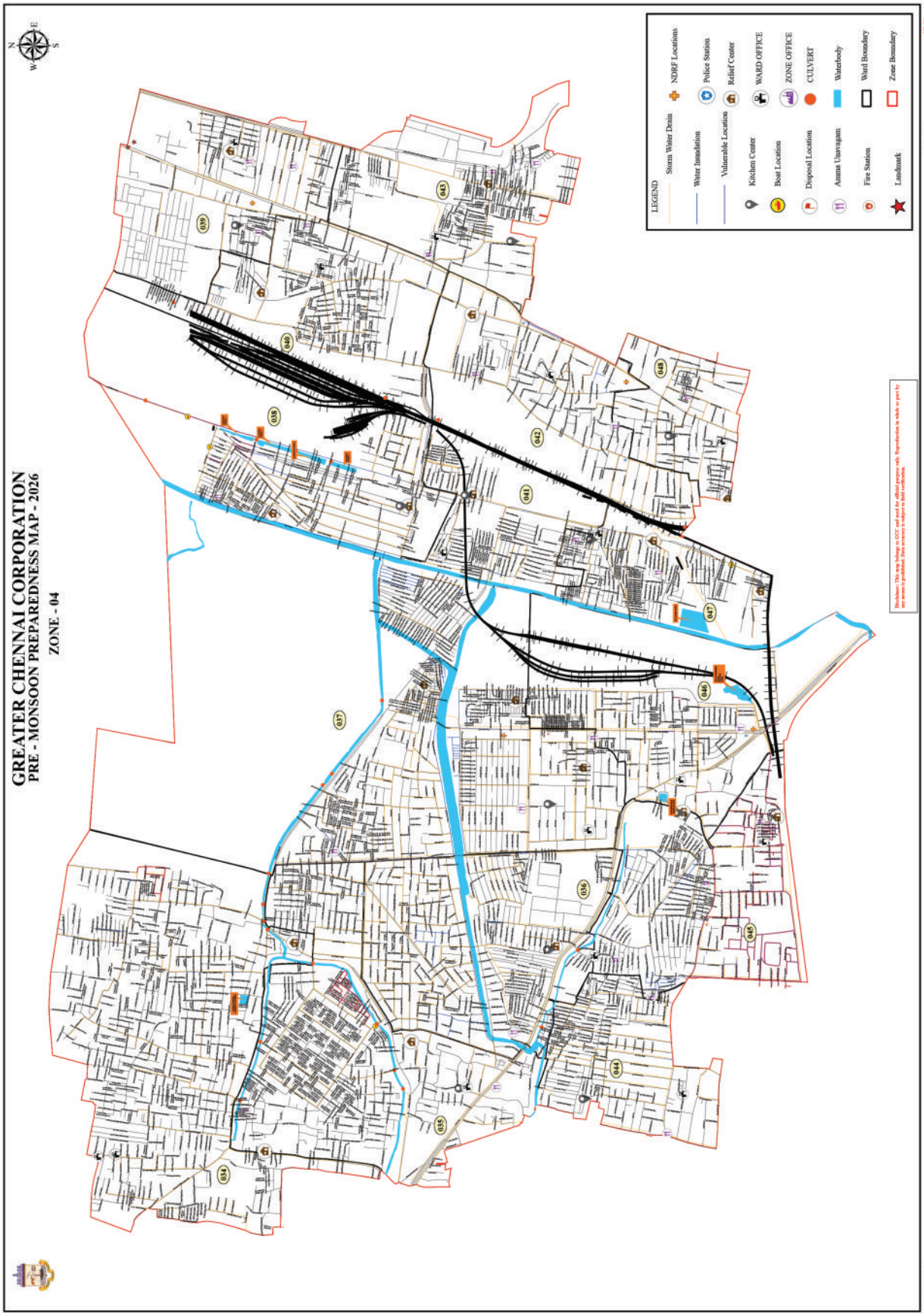


R.B.I. Subway



Gengu Reddy SubWay




GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 04
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
N
S
E
W

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
1	49	Solaiappan Street Near CWC. New Thandavarayan St., (Near market), M.C.Road (Near Arihant Showroom)
2	51	Cemetery Road (Near Classic Apartment), East Cemetery road (Hosing Board), Selva Vinayaga Street
3	52	B.C.Press Road, Cemetry Road (Near RSRM Hospital)
4	53	Peddu St.,(Near Police Quarters) Basin Bridge Road (Near Mint Bridge)
5	56	Thiruvalluvan Nagar
6	59	E.V.R.Salai (Near MMC Ground), 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,

Sl.No.	Ward/Name	Name of the area/ streets
1	53 Dr.Vijaya Rahavalu Road	Srinivasan Street, Boojaraja Nagar, Kannan Street, Sajja Munusamy Street, 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.

Sl. No.	Ward	Contact person	
		Designation	Phone number
1	58&61	Assistant Engineer	9445190922
2	59 P,58P,57P &54P	Assistant Engineer	9445190923
3	62,63 & 59 P	Assistant Engineer	9445190924 & 922
4	53-P,54-P 57-P 55-P	Assistant Engineer	9445190921
5	49,50,51,53-P	Junior Engineer	9445190919
6	49 to 63	Additional divisional Engineer (Zone)	9445190045
7	49 to 63	Divisional Engineer (HQ)	9445190753

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	53	Greater Chennai Middle School 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

Rescue operations during flood require the services of boats in the form of catamaran / rubber inflatable dinghies FRD both powred and manually operated are given below

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.

Sl. No.	Dn	Number of boats required with location / evacuation areas	Contact No
1.	50	East Kalmandapam Road	Assistant Engineer 9445190350
2.	52	Kannan Roundtana	Assistant Engineer 9445190352
3.	53		Assistant Engineer 9445190353

No. of lorries and type kept in readiness
Debris lorry - 8
Skid steer loaders (Bob cat) - 4
(Front end loader) JCB - 1

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445026097	1	6	6 -HMV, 1-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 163 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	9884799225
GCC - Solid waste management	Conservancy Inspector	9445190549
GCC - Revenue	Tax Collector	9840661625
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	9994798981
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190550
GCC - Revenue	Tax Collector	7358476381
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	9840336557, 9962622043
PWD	Assistant Engineer	9444612745
TNUHDB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

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	9445025851
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190551
GCC - Revenue	Tax Collector	9003432007
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	9840336557 / 9962622043
PWD	Assistant Engineer	9444612745
TNUHDB	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	9941812368
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190552
GCC - Revenue	Tax Collector	9382171451
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	9840336557,9626223
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190553
GCC - Revenue	Tax Collector	9380088607
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	9444217455
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190554
GCC - Revenue	Tax Collector	9884739151
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	9840948804, 9940223842
PWD	Assistant Engineer	9444612745
TNUHDB	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	9976935501
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
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, 25271214
BSNL	Assistant Engineer	9444991229
Fire service	Inspector	9444612745
Police station	Inspector	9498133428, 94981047
PWD	Assistant Engineer	9444612745
TNUHDB	Assistant Engineer	9445074770
Highways	Divisional Engineer	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190556
GCC - Revenue	Tax Collector	9840357311
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	9444864889
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190557
GCC - Revenue	Tax Collector	9791126199
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	7904639011
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC-Solidwaste management	Conservancy Inspector	9445190558
GCC - Revenue	Tax Collector	9150874769
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	9952695054
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190559
GCC - Revenue	Tax Collector	98409940159
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	9840976307, 9566179770, 9840948804, 7010514558
PWD	Assistant Engineer	9444612745
TNUHDB	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	9094166850
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
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	8778004284
PWD	Assistant Engineer	9444612745
TNUHDB	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	9445190922
GCC- Health	Sanitary Inspector	8072680350
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190561
GCC - Revenue	Tax Collector	8608311888
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	9003159233, 9941106279, 7010669760
PWD	Assistant Engineer	9444612745
TNUHDB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

Ward committee - 62
Ward councillor - 9445467062

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190362
GCC - Electrical	Assistant Engineer	9445190924
GCC- Health	Sanitary Inspector	9629987460
GCC - Veterinary	Veterinary Assistant Surgeon	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190562
GCC - Revenue	Tax Collector	9094664705
Revenue	Revenue Inspector	9384094043
GCC - Park overseer	Park Supervisor	7299519348
CMWSSB	Assistant Engineer	8144930062
TANGEDCO	Junior Engineer	9445850705
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	8072799129
Police station	Inspector	9566132288
PWD	Assistant Engineer	9445401868, 7418862339
TNUHDB	Assistant Engineer	9445074770
Highways	Divisional Engineer	9487207706

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	9445026046
GCC - Solid waste management	Conservancy Inspector	9445190563
GCC - Revenue	Tax Collector	9176017058
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	9941106279, 9840952703
PWD	Assistant Engineer	9444612745-
TNUHDB	Assistant Engineer	9445074772
Highways	Divisional Engineer	9487207706

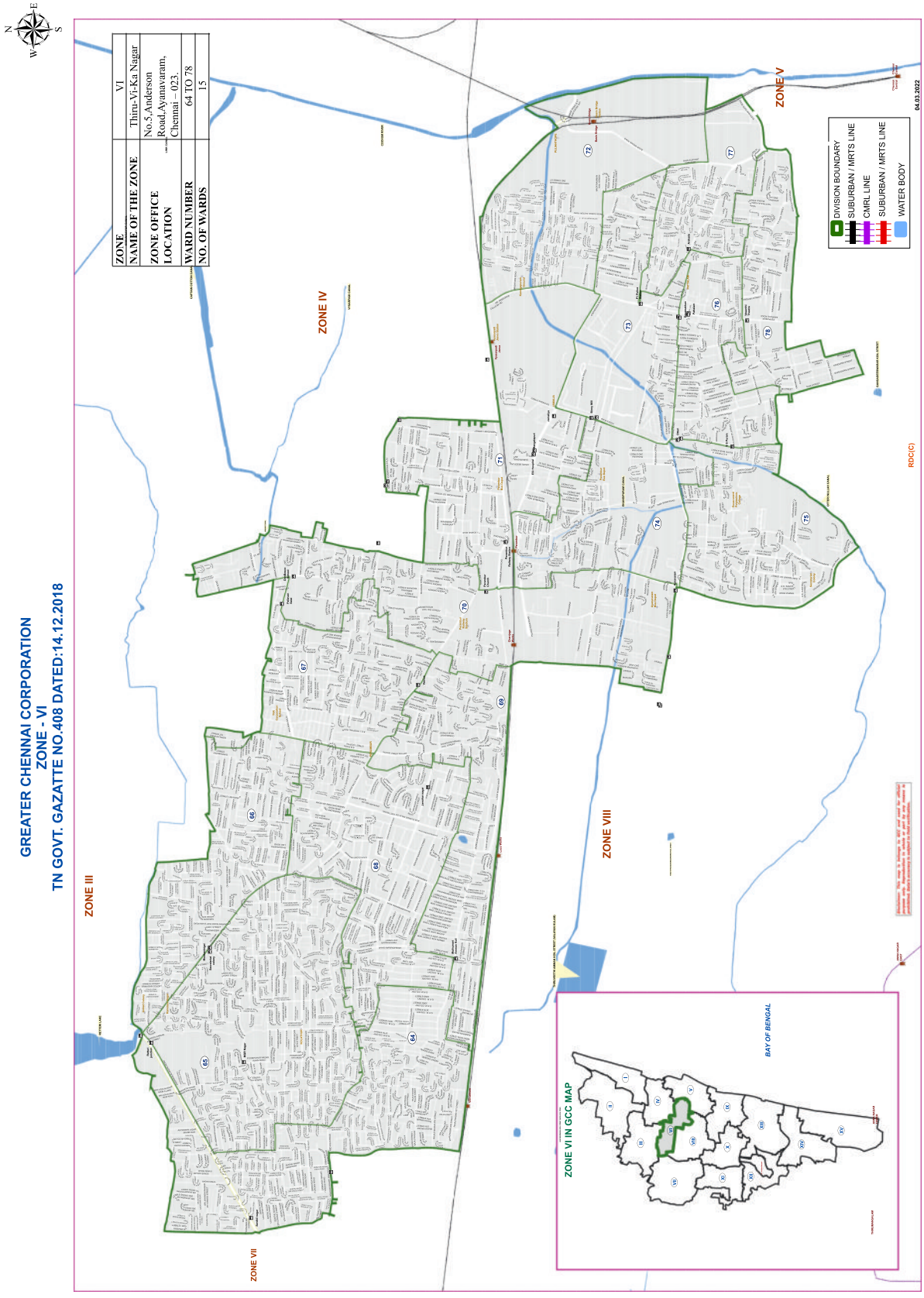
ZONE - VI

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	406
2	Zone Administration	407
3	Public Health & Disease Control	408
4	Parks	408
5	Sewage Pumping Station	409
6	Tamilnadu Urban Habitat Development Board	410
7	Water Bodies and Water ways	411
8	Storm Water Drain	414
9	Water stagnated streets in the previous monsoon - Heavy rain fall	415
10	Water stagnated streets in the previous monsoon - Mild rain fall	416
11	Water stagnated streets in the previous monsoon - Moderate rain fall	416
12	Stagnation of water in streets due to sewer block	421
13	Relief centre	422
14	Subway	428
15	Tree fall	428
16	Streets - Water entered houses that do not require evacuation	429
17	Streets that require evacuation	430
18	Lighting facilities	431
19	National Disaster Response force	431
20	Rescue Boats	431
21	Transport Equipment & Lorries	433
22	Less than 2.5 m streets that cannot be accessed by Vehicles	433
23	Ward Committee	433

THIRU VI KA NAGAR

ZONE VI - WARD BOUNDARY



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 4.49 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 with Male population of about 48.97% and Female population of about 51.03 % In this zone, the most Populated area is Div 70 with a population of 40896 and the least populated area is Div. 78 with a population of 24412. The Ward wise population is given below,

Sl.No.	Ward No	Total House Holds	Total Population
1	64	11211	39294
2	65	10143	37060
3	67	8257	29652
4	66	9950	36376
5	68	10000	34651
6	69	9148	32418
7	70	11504	40896
8	71	10531	38530
9	72	7617	27719
10	73	7763	29997
11	74	7129	25145
12	75	9302	32655
13	76	8562	35403
14	77	7607	29273
15	78	6531	24412
	TOTAL	128255	493484

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 155 of this booklet The following are contact details of the officials.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Chairman	64 - 78	9445467069
2	Zonal Officer	64 - 78	9445190006

Engineering Wing

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer – I	64 to 70	9445190038
2	Executive Engineer – II	71 to 78	9445190026
3	Assistant Executive Engineer	Unit-15	9445190115
4	Assistant Executive Engineer	Unit-16	9445190116
5	Assistant Executive Engineer	Unit-17	9445190117
6	Assistant Divisional Engineer - Electrical	64 to 78	9445190046
7	Assistant Engineer - Mechanical	64 to 78	9444150966

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer, Solid Waste Management	64 to 78	9445190026
2	Sanitary Officer	Unit-15	9444464412
3	Sanitary Officer	Unit-16	9444464412
4	Sanitary Officer	Unit-17	9500010512

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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone VI	9894294106
2	Junior Entomologist	Zone VI	6380072987
3	Sanitary Officer	Unit-15	9444464412
4	Sanitary Officer	Unit-16	9444464412
5	Sanitary Officer	Unit-17	9500010512
6	Veterinary Assistant Surgeon	Zone - VI	7305106665
7	Veterinary Assistant Surgeon Slaughter House	Zone - VI	9445026041

Parks

In this zone there are 57 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,

Sl. No.	Team member contact No	Equipment available	Area of operation
1	9498449931 / 9750735616 Park Overseer	Power saw - 22	Thiru - Vi - Ka - Kagar

S. No	Ward	Location of the Park
1	64	Janakiram colny 2nd main road, Mahaveer nagar main road, Mayor citi babu park, KK Nagar 1st street, Mohammed Hussain colony, Pa.U.Shanmugam nagar, R.K.Syndicate Nagar, Rohini street,Senthil nagar 10th cross street, Senthil Nagar 13th cross street, Srinivasa nagar 3rd cross street, Thirumalai nagar 1st street, V.V.Nagar 1st street
2	65	Thenpalani Nagar TVK Park, Thenpalani Nagar VOC park, Poombughar Nagar park, Poombughar nagar park, Anjugam Nagar park, Haridoss Park (Pond)
3	66	Sakthivel Nagar 2nd Street Park
4	67	George Colony Park, Kalaingar Karunanithi Park, KKR Avenue Park, TVK Nagar 8th street Childrens park, Sajid 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, Ragavan Street Park, Gowthamapuram Ramana Nagar (Tenement)
7	71	M.H. Road Rajiv Ganthi Park, Perambur Mursolimaran Park (North) Vadivel 2nd street park, Kannapiran Koil Street Park
8	72	Dr. Ambedkar Nagar 1st Cross Street, Kasthuri Bai Colony A Block
9	73	Quiad-e-Millet Park, New OSR Park, New Ferrance Park, Wardiya park at New Ferrance Road, Kalainagar Karunanithi Park
10	74	Perambur Murasoli Maran Park (South), Krishnadass Main Road Park
11	75	Otteri Tropical Dry Ever Green Forest (Herbal Park), Secretariat Colony 2nd street Park, Triangle Park Entrance at Barracks Road, AK Swamy Street 1st Park, Medavakkam Tank Road Ranganthan Park
12	76	Patel Park, Corner Smith Nagar Park, Selvapathy Park, Bakthavatchalam Park, Jainagar Near KLP Apartment
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 11.26 MLD 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,

Sl.No.	Pumping Station	Capacity MLD	No. of pumps
1.	Perambur Relay Sewage Pumping Station, No 31, Perambur High Road, Perambur, Chennai - 600 011.	55 ML	60(C) HP-4nos, 150HP, 70HP, 40HP, 35HP, 30HP
2.	Pursawalkam Relay Pumping Station, 181, Perambur Barrex Road, Chennai-600 012.	95 ML	400HP, 450HP, 373HP, 320HP
3.	No 141,Subburayan 5th Street, Namalwapet ,Chennai -12.	25ML	60HP, 90HP,150HP
4.	Venkatragavan Street, Rajaji Nagar, Villivakkam, Chennai 600 049.	10ML	60HP-2nos, 80HP-2nos
5.	Mettu Street, Bajanai Koil Street, Kolathur, Chennai - 600 099.	20ML	80HP, 70HP, 50HP
6.	No 2,Venkatesapuram Main Road, Kanigapuram, Chennai - 600 012.	1.6ML	20HP, 30HP, 50HP
7.	Mothilal Street, Pulianthope, Chennai - 600 012.	7ML	40HP, 25HP, 15HP
8.	No.1,Chandra Yogi Samadhi Road, Ekangi-puram, Mangalapuram, Chennai-11	7ML	50(C)HP, 25(C)HP, 30HP, 35HP
9.	39/14, Teeds Garden First Street, Sembium, Chennai 600 011.	12ML	70HP, 50HP
10.	No.10, Sivaelango Salai, 70 Feet Road, Jawahar Nagar, Chennai - 600 082.	10ML	60HP, 80HP
11.	Jangannathan Salai, Periyar Nagar, Chennai-600 082.	10ML	80HP, 70HP
12.	No 9, Dimmasamydarga Street, Perambur, Chennai-600 011.	12ML	40HP, 25HP
13.	3rd North Street, Kennedy Square, Chennai - 600 011.	25ML	60HP, 150HP,125HP
14.	Vivekananda Main Road, Sivananda Nagar , Kolathur, Chennai - 600 099.	3ML	15HP, 15HP
15.	299, 12th Street ,Pulianthope, Chennai - 600 012.	1ML	7.5HP, 10HP
16.	3rd Street, Murugan Nagar, Villivakkam , Chennai - 600 099.	1ML	15HP, 10HP
17.	Decastor Road, Near Thiruvengadam Street, Pulianthope, Chennai - 12.	1ML	7.5HP, 12.5HP
18.	Edward Park, Pulianthope, Chennai - 12.	1ML	10HP, 10HP
19.	24th Street, Gkm Colony, Chennai - 82.	1ML	10HP, 10HP
20.	Sri Ganesh Nagar 3rd Street, Kolathur, Chennai - 600 099.	1ML	10HP, 10HP, 10HP
21.	4 Stephenson Road Corpration, Park Road Side Cmwssb Perambur,Perambur (Part 1),Perambur	1ML	12HP, 12HP
22.	T.V.K Nagar 4th Street Road, Side Sewage Pumping Station Ch, Sembium, Perambur	1ML	12HP, 12HP

Tamilnadu Urban Habitat Development Board

There are 13 TNUHDB 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 of water supply and sewage issues inside these tenements. The details of tenements and the contact details of the Officials are given below,

Sl.No	Ward	Tenement location	No. of tenement	Population
1	67	Jamaliya Housing Board	138	470
2	68	Raja Garden	162	380
3	70	Gowthamapuram Housing Board Ramana Nagar	840	3200
4	71	B.S. Moorthy Nagar	320	1500
5	72	Vasuki Nagar	64	256
6	72	M.S. Muthu Nagar	660	2640
7	73	Periyar Nagar Housing Board	Demolished & Re-construction	
8	75	Sathyavani Muthu Nagar (old)	438	3608
9	75	Sathyavani Muthu Nagar (new)	464	
10	74	Mangalapuram HB	160	800
11	76	Dobikanna Housing Board	120	520
12	76	Sachidanandam Slum Tenemant	222	930
13	77	PK Colony	Demolition & Re-construction	
14	77	KP Park (New)	1920	1600
15	77	KP Park (Old)	672	3360
	Total		4260	17664

Contact details

Department	Designation	Area	Contact No.
TNUHDB	Executive Engineer	Vysarpadi	9789002072
Water Supply& Sewage / CMWSSB	Area Engineer	Area - 6	8144930906

Water Bodies and Waterways

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 Demellows 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 of upstream water in the canals and water bodies.

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

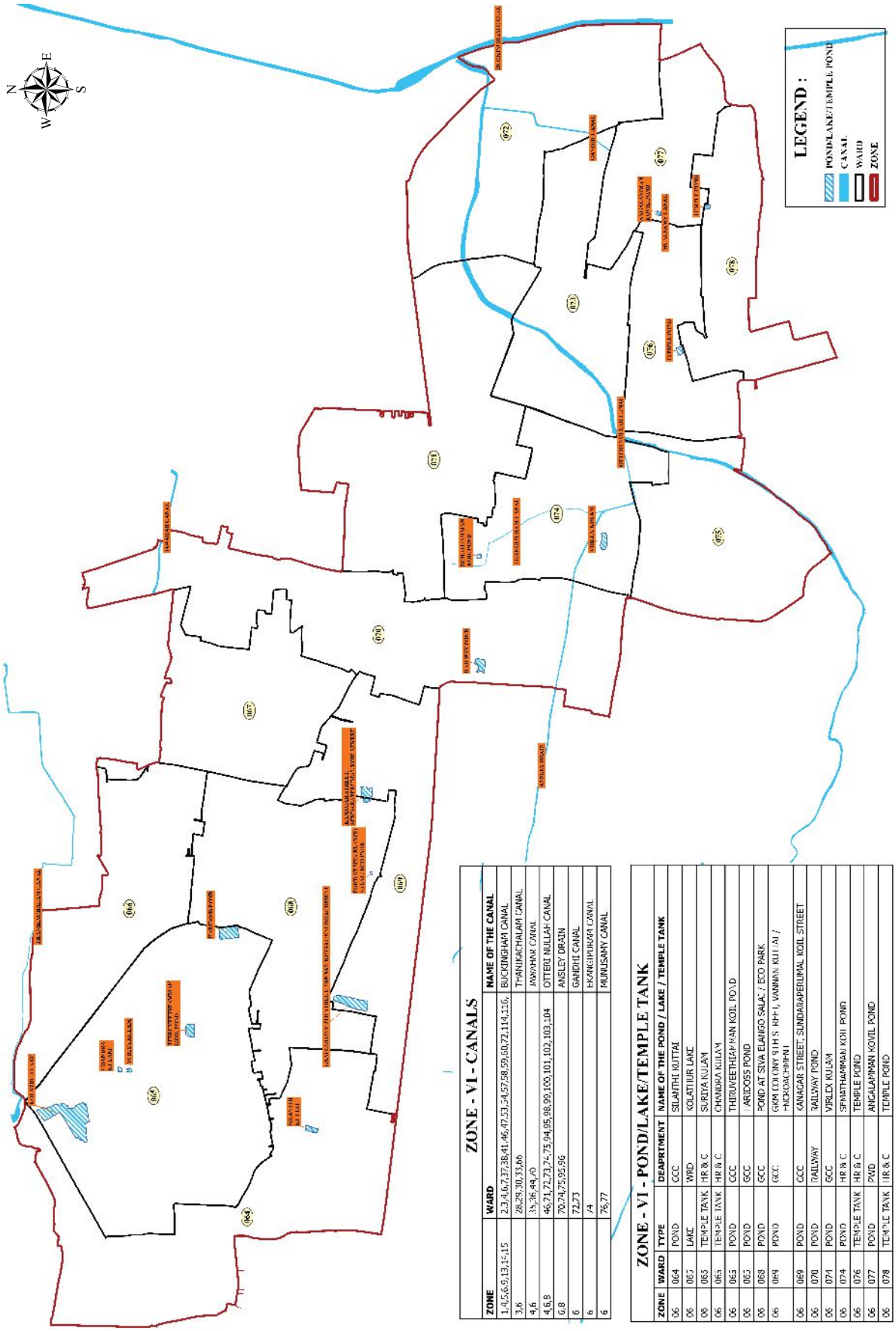
Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	Length of Canal (Km)
1	Otteri Nallah	71, 72, 73, 74, 75	Medavakkam Tank Road (Kellys)	GMR confluence Point	4.30
2	Jawahar Canal(Part)	70	MH Road	GNT Road	0.45
3	Railway Canal	70	Villivakkam Rail way gate	Anderson Road, Railway Quarters	0.81
4	Ekangipuram Canal	74	Perambur High Road (South)	Konnur High Road Twin Canal	1.53
5	Gandhi Canal	73	Pulianthope High Road	Powder Mills Road	0.84

Other water bodies

S. No.	D.No	Name of Other water bodies	Extent in Sq.m
1	64	Kolathur Main road (Silanthi Kuttai)	20000
2	65	Poompuhar nagar 28th street Extn (Thiruveethaiamman Koil Pond)	5625
3	65	Haridoss tank street (Haridoss Pond)	8500
4	65	Kolathur eri (WRD)	20000
5	65	Sannathi street (Chandra Kulam)	812
6	65	Sannathi street (Suriyan Kulam)	616
7	69	GKM Colony 24th-A Street	18899.5
8	69	GKM Colony 9th Street, Vannan Kuttai (TNUHDB)	2500
9	69	Kanagar Street,Sundara Perumal Koil Lake	10000
10	74	Semathamman Colony	1000
11	76	Kandhaswamy Koil Street (Square Tank)	1276
12	77	Ayyavoo Street (Thattangulam Pond)	608
13	78	Angalamman koil Street (SquareTank)	506

ZONE VI - WATER BODIES



ZONE - VI - CANALS

ZONE	WARD	NAME OF THE CANAL
1,4,5,6,9,13,14,15	2,3,4,6,7,37,38,41,46,47,53,54,57,58,59,60,72,114,116,	BUCKINGHAM CANAL
3,6	28,29,30,33,66	THARNAKACHALAM CANAL
4,6	35,36,44,70	JAWAHAR CANAL
4,6,8	46,71,72,73,74,75,94,95,98,99,100,101,102,103,104	OTTERI NULLAH CANAL
6,8	70,74,75,95,96	ANSLEY DRAIN
6	72,73	GANDHI CANAL
6	74	ELANGIPURAM CANAL
6	76,77	MUNUSAMY CANAL

ZONE - VI - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
06	064	POND	CCC	SILANTHI KUTTAI
06	065	LAKE	WRD	KOLATTUR LAKE
06	065	TEMPLE TANK	HR & C	SURIYA KULAM
06	065	TEMPLE TANK	HR & C	CHANDRA KULAM
06	065	POND	CCC	THIRUVEETHIAMMAN KOIL POND
06	065	POND	GCC	ARIDOSS POND
06	068	POND	GCC	POND AT SIVA ELANGO SALAI / ECO PARK
06	069	POND	GCC	GKM COLONY 9TH S. KM-1, VANNAN KUI AI / MEKKANCHERI
06	069	POND	GCC	CANAGAR STREET, SUNDARAPERUMAL KOIL STREET
06	070	POND	RAILWAY	RAILWAY POND
06	074	POND	GCC	VIRLEY KULAM
06	074	POND	HR & C	SPRATHAMMAN KOIL POND
06	076	TEMPLE TANK	HR & C	TEMPLE POND
06	077	POND	PWD	ANGALAMMAN KOVIL POND
06	078	TEMPLE TANK	HR & C	TEMPLE POND

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 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 552 storm water drains to a length of 142 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.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs in Km
1	64	38	8.21
2	65	118	22.74
3	66	43	8.36
4	67	33	9.04
5	68	62	16.61
6	69	34	8.93
7	70	32	11.15
8	71	30	11.26
9	72	20	5.90
10	73	24	7.85
11	74	17	4.70
12	75	31	10.23
13	76	30	7.90
14	77	18	5.56
15	78	19	3.94
TOTAL		552	142.38

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,

Sl.No.	Ward	Streets where inundation seen	Capacityof pumps	Location ofpumps	Disposal point
1	64	Vivekandhan Nagar	Pumped out Water With 50HP- 2Nos	Zone-3 (Teachers colony)	SWD Connectivity
2	65	Kanagi Nagar	Pumped out Water With 5HP	Lakshmi Nagar 8th Street	SWD Connectivity
3	70	Paper mills Road	Pumped out Water With 2- 5HP	UPHC Hospital & Jn of EB Office	SWD Work in Progress
4	67	Pallavan Salai	Natural Flow	-	SWD Connectivity
5	69	Sivagami Street	Pumped out Water With 5HP	Chengalvarayan Street	Jaganathan Street
7	71	Ganesapuram Subway	Due to increasing level in otteri nallah natural flow	Ganesapuram Subway	Otteri Nallah
8	72	Kannigapuram Joseph street, Kannigapuram 1st to 7th Street, Doss Nagar 1st to 8th Street	Pumped out Water With 1-10HP	Doss Nagar	Otteri Nallah
9	73	Decaster Road	Pumped out Water With 2-5HP	Narayanan Street	Otteri Nallah
10	73	Stephenson Road	Pumped out Water With 2-10 HP	Jn Stephenson Road	Otteri Nallah
11	76	Angalamman Koil Street	Pumped out Water With 5-10 HP	Near Angalamman Koil jn	Otteri Nallah
12	76, 77, 78	Perambur Brackas Road, KM Garden. Thattangulam, Rajathottam, Astabujam Street, Rangaiah Street, V.V.Koil Street. Tana Street	Pumped out Water With - 3-10 HP	V.V.Koil Street.Tana Street	Otteri Nallah

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.

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.

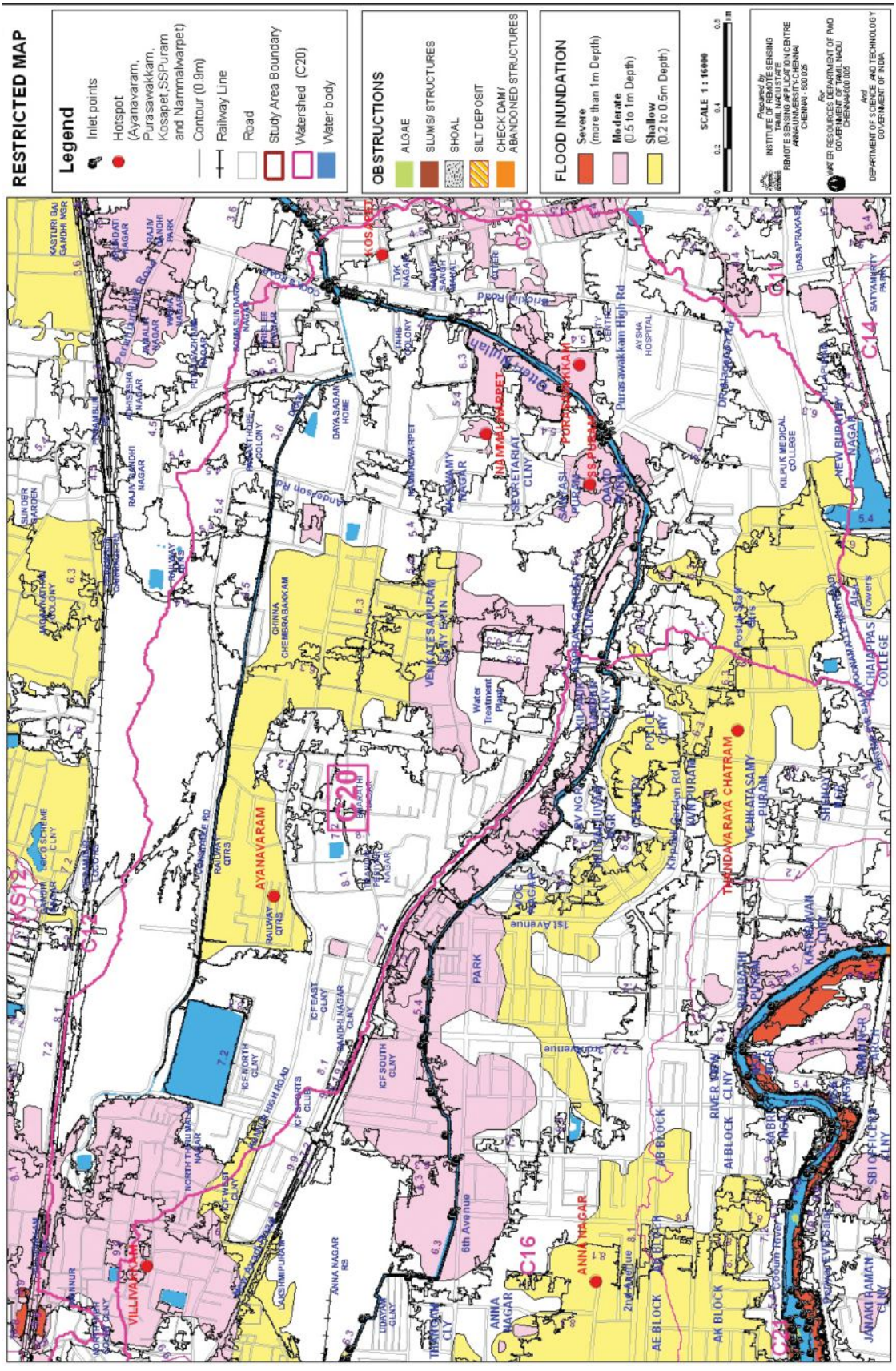
Water stagnated streets in the previous monsoon - Mild rain fall

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	73	Decaster Road
10	72	VOC Nagar

Water stagnated streets in the previous monsoon - Moderate rain fall

S.No.	Ward	Name of the Street
1	65	Srinagar Colony
2	65	Sivasakthi Nagar
3	64	Thillai Nagar 2nd Street
4	64	Thillai Nagar 4th Street
5	64	Selvi Nagar

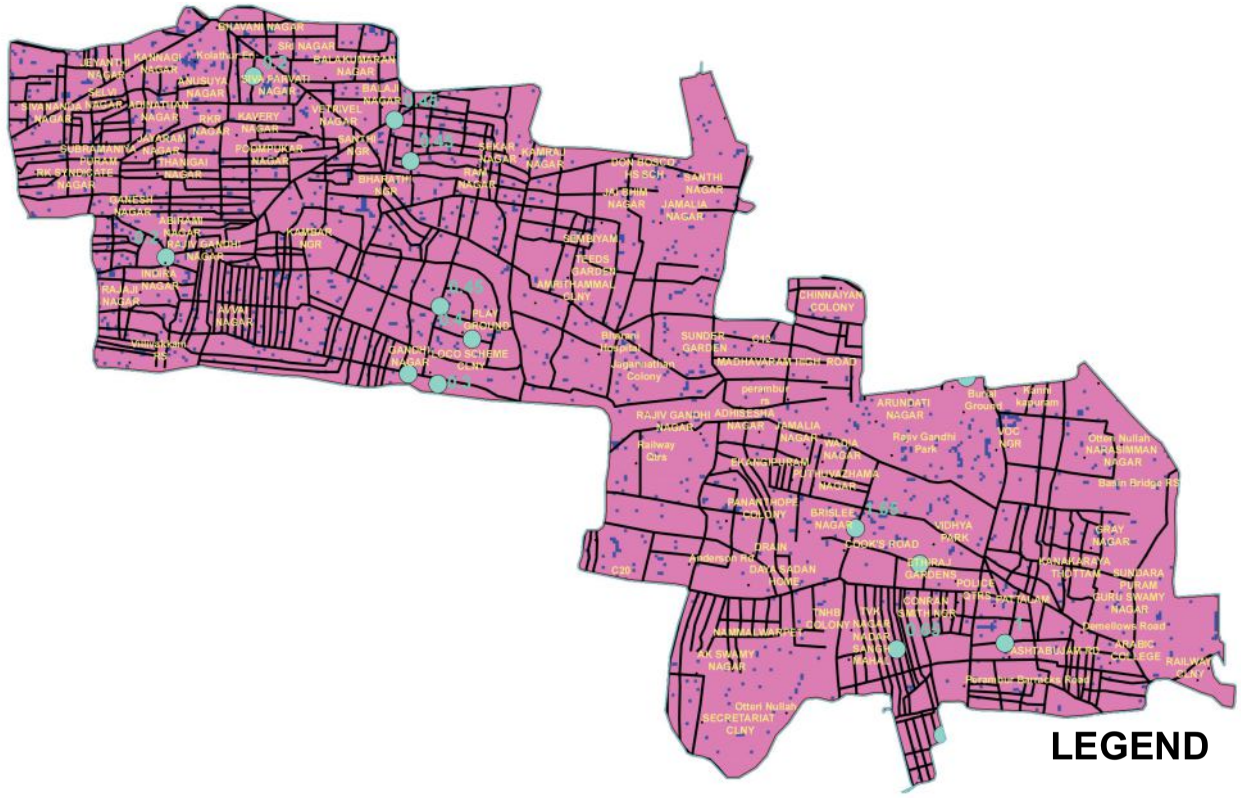
FLOOD INUNDATION MAP FOR THIRU. VI. KA. NAGAR IN 2005



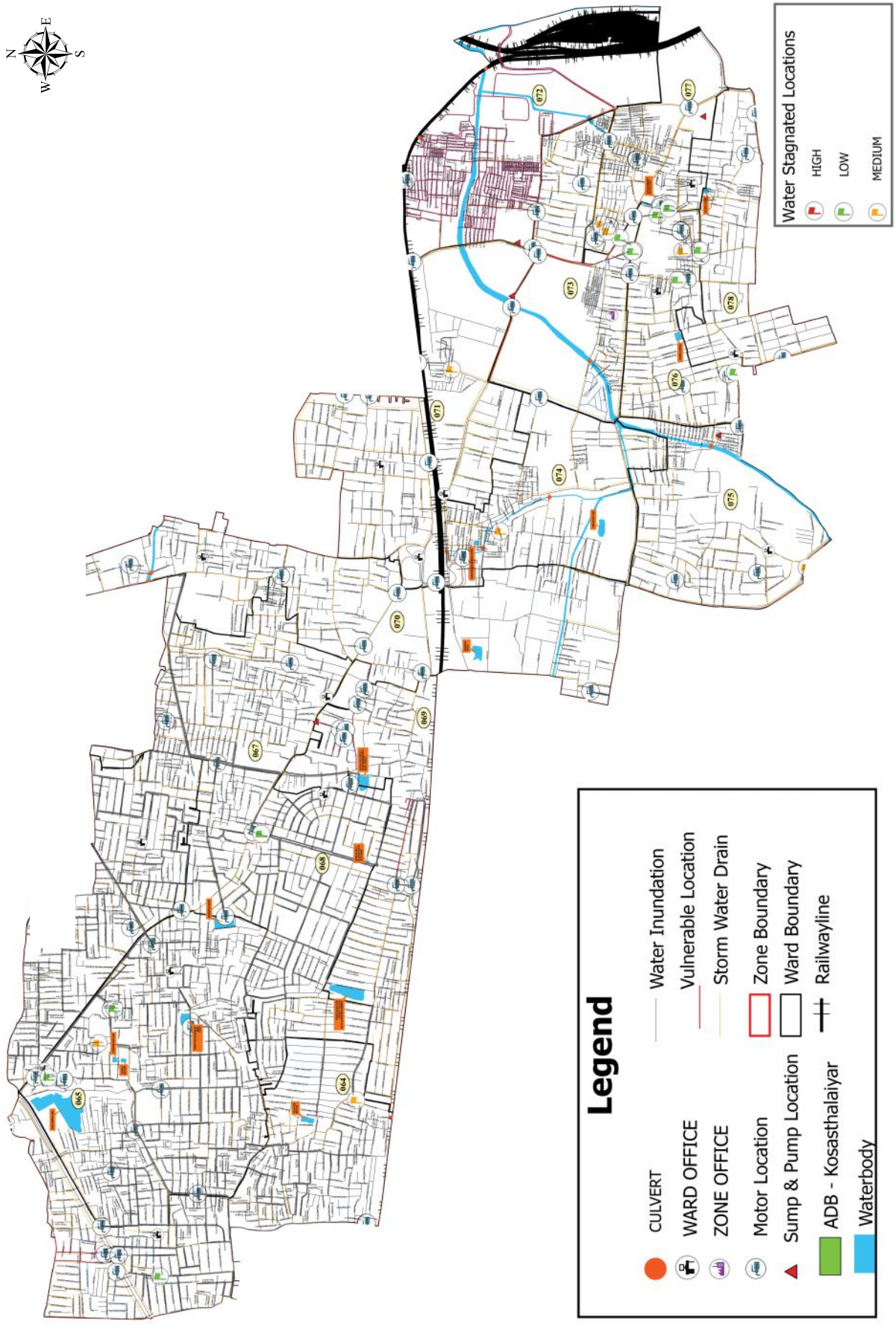
INUNDATION EXTENT ON 3 DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



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



ZONE VI
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS





Stagnation of water in streets due to sewer blocks:

Sl. 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 21,22 & 23 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	VOC Nagar 1st Street, VOC Nagar 8th Street, Brightons Road	7
6	73	Ammaiyammal Street, Near D.No.71, Kutty Thambiran Street, Narayanasamy Street, Decastor Road, Ramasamy Street, Prakash Rao Colony	12
7	75	Baracca 1st Street, Baracca Main Road, B-Block, SVM Nagar, S.S. Puram B-Block 2nd & 1st Street, S.S. Puram A-Block, 2nd Street	12
8	76	Chellappa Street (Near UPHC) & Door No.68 Sachitharandam Street, Venkatasamathi Street, K.M. Garden	6
9	77	Puliyanthope 3rd & 2nd Street, Sundara-puram, Bogipalayam	6

Relief Centres:

There are 19 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 re-lief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.
1	64	500	CHSS School	School Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	7824944142
								Evacuation	Assistant Engineer	9445190365
								Food & Drinking water	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190365
2	67	50	Urudhu school	Madurai Samy madam street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9444505124
								Evacuation	Assistant Engineer	9445190367
								Food & Drinking water	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190367
3	68	200	CMS School	KC Garden 2nd Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	8807126970
								Evacuation	Assistant Engineer	9445190368
								Food & Drinking water	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190368
4	69	500	CGHSS School	Market Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	6385429533
								Evacuation	Assistant Engineer	9445190369
								Food & Drink ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190369

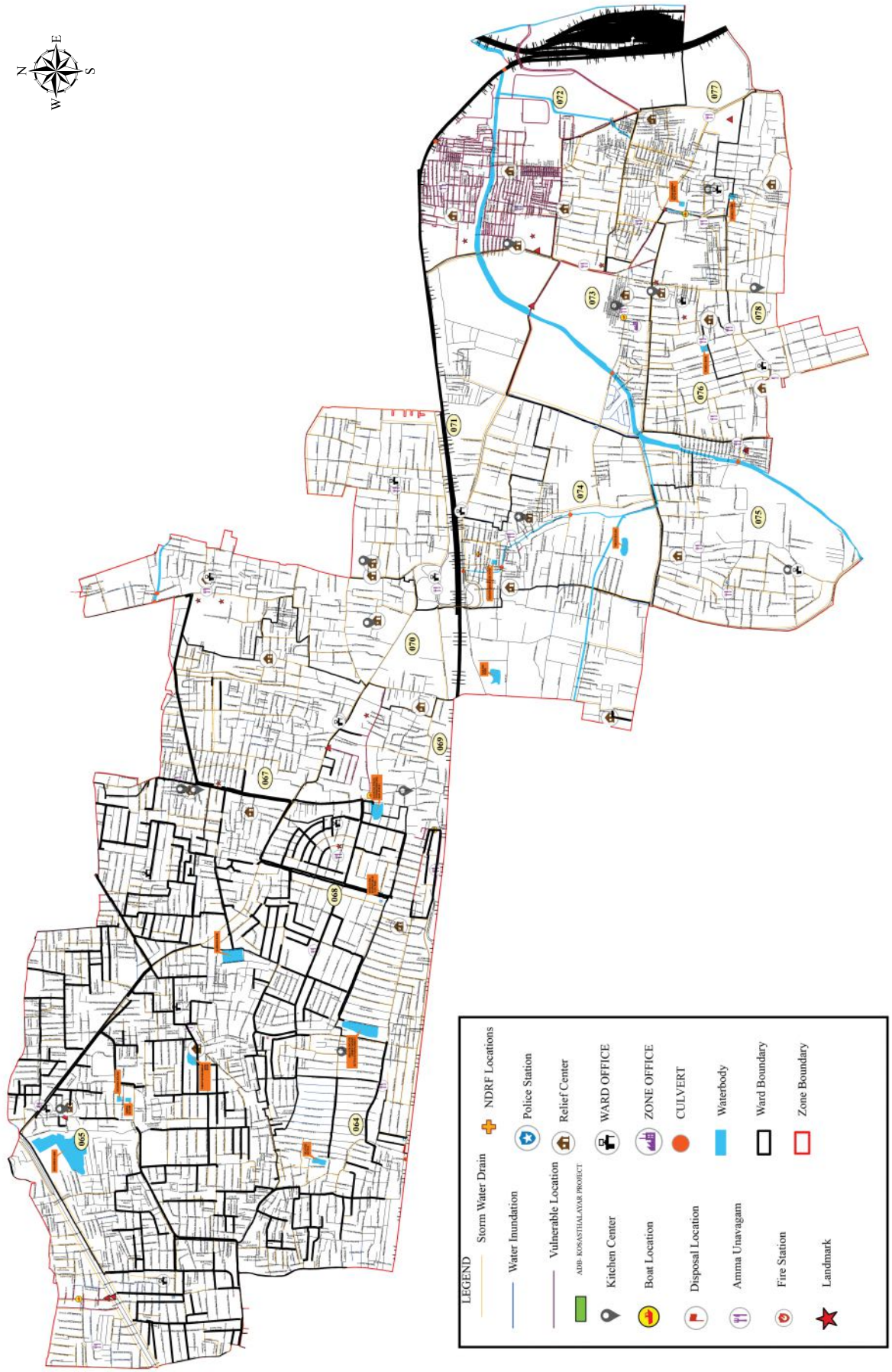
S. No	Ward Name	Capacity	Name &Address of re lief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.
5	69	300	CPS School	GKM Colony 12th Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	6385429533
								Evacuation	Assistant Engineer	9445190369
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190369
6	70	500	CHS School	Bunder Garden Main Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	6381169891
								Evacuation	Assistant Engineer	9445190370
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190370
7	71	50	Telugu School CPS School	School Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9791876633
								Evacuation	Assistant Engineer	9445190371
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190371
8	71	800	CGHSS School	School Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9791876633
								Evacuation	Assistant Engineer	9445190371
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief-Materi als	Assistant Engineer	9445190371

S. No	Ward Name	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.
9	72	50	Adidravidar Girls Higher Sec, school School	Kannigapuram Adidravidar School	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9962665731
								Evacuation	Assistant Engineer	9445190372
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190372
10	73	100	CPS School	New Farremce Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9962665731
								Evacuation	Assistant Engineer	9445190373
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190373
11	73	200	CMS School	Decostor Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9962665731
								Evacuation	Assistant Engineer	9445190373
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190373
12	74	70	CMS School	Egangipuram 1st Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9842162841
								Evacuation	Assistant Engineer	9445190374
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief-Materi als	Assistant Engineer	9445190374

S. No	Ward Name	Capacity	Name &Address of re lief centres available	List of streets people to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge (Designation/	Contact No.
13	74	70	CPS School	Krishnadoss Main Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9842162841
								Evacuation	Assistant Engineer	9445190374
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190374
14	70	500	CHS School	Chinna Babu Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	9791204889
								Evacuation	Assistant Engineer	9445190375
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190375
15	71	50	CMS School	Strahans Road	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	6382103028
								Evacuation	Assistant Engineer	9445190376
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief Materi-als	Assistant Engineer	9445190376
16	71	800	CMS School	Venkadammal Samathi Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	6382103028
								Evacuation	Assistant Engineer	9445190376
								Food & Drink-ingwater	Assistant Revenue Officer	-
								Relief-Materi als	Assistant Engineer	9445190376

S. No	Ward Name	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.
17	77	30	CPS School	Sundarapuram	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	8940082344
								Evacuation	Assistant Engineer	9445190377
								Food & Drinkingwater	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190377
18	77	50	Division 77 Office (Night Shelter)	Old Slaughter House	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	8940082344
								Evacuation	Assistant Engineer	9445190377
								Food & Drinkingwater	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190377
19	78	30	Aringar Anna Community Center, (GCC Community Center)	Sachidhanantham Street	Yes	Yes	No	Sanitation, Medicine	Sanitary Inspector	8248205165
								Evacuation	Assistant Engineer	9445190378
								Food & Drinkingwater	Assistant Revenue Officer	-
								Relief Materials	Assistant Engineer	9445190378

ZONE VI - PRE MONSOON PREPAREDNESS MAP



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.

Sl. 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	71	Ganesapuram Subway	40	Otteri Nullah	2-50HP, 2-30HP, 1-10HP (Closed due to Bridge Work)
2	71	Perambur Subway	150	Ekangipuram	10 HP-1 (Submersible Motor), 2-20HP 25 HP-1 (Submersible Motor), 2-20HP
3	71	Perambur Pedes-trian Subway	146.3	Storm Water Drain	5HP Motor Fixed

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,

Sl.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
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 came to a Standstill 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,

Sl. No.	Ward	Name of the area/ streets
1	65	Sivaparvathi Nagar, Dr.Ambedkar Nagar
2	64	Selvi Nagar 5th Street,Thirumalai Nagar 3rd St
3	68	Jawahar Nagar 1 to 24 Street
4	68	GKM Colony 25th & 26th Street
5	67	Jamaliya Housing Board
6	71	Arunthathi Nagar
7	74	Ekangipuram
8	72	Doss Nagar
9	73	Ammaiyammall Street, Decaster Road
10	73	Natcharammall Street
11	75	Subburayan Street
12	75	Choolaimedu Street
13	75	SS Puram A & B Block
14	76	Angallamman Koil Street
15	77	Kattur Nalla Muthu Street
16	77	Puliyanthope 1st Street
17	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 accomodated 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.

Sl. No.	Ward	Streets	No. of persons	Relief centre
1	65	Dr.Ambedkar Nagar, MN Nagar	1200	Chennai High School, Kolathur
2	68	Jawahar Nagar	900	Chennai Middle School, KC Garden
3	69	GKM Colony	500	Chennai Primary School, GKM Colony 12th Street
4	71	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	Venkatesapuram 1 to 9th Street	800	Adithravida Boys Hr.Sec School
8	72	VOC nagar	750	Adithravida Girls Hr.Sec School
9	72	Doss Nagar Pallam	500	TVK, Corporation Primary School
10	73	New Ferrance Road, Ammaiyammall Street	450	Chennai Primary School, Chennai Higher Secondary School, New Ferrance Road
11	75	SVM Nagar, Subburayan Street	1500	Chinnababu Street, School
13	75	SS Puram A Block	200	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

Sl.No	Ward	Contact Person	
		Designation	Phone Number
1	64 to 78	Assistant Divisional 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,

Sl.No.	Ward No.	Where NDRF to be stationed and deployed
1	74	Community Centre at Chandrayogi Samathi Street
2	67	Kamarajar Kalyana Mandapam

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 416 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.

Sl.No.	Ward No.	Number of boats rewuired with location / evacuation areas	Contact No
1	69	SRP koil south/Div 69 office	Assistant Engineer 9445190369
2	76	Strahans Road (Near chennai High School)	Assistant Engineer 9445190376
3	77	Thattankulam - 2	Assistant Engineer 9445190377
4	72	Slaughter House	Assistant Engineer 9445190372
5	76	KM Garden	Assistant Engineer 9445190376
6	77	Thattankulam	Assistant Engineer 9445190377



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 - 7 Nos
Skid steer loaders (Bob cat) - 4 No
(Front end loader) JCB - 1 Nos

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9444150966	1	4	7-LMV	1

Streets/lanes less than 2.5 m that cannot be accessed by Vehicles

Sl.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 163 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	9025512360
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	7358190120
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930064
TANGEDCO	Junior Engineer	9445850857 / 9445850862 / 9445850858
BSNL	Assistant Engineer	9444954087
Fire service	Inspector	044-25502769, 7305096099
Police station	Inspector	9840395559
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

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	7824944142
GCC - Veterinary	Veterinary Assistant Surgeon	9445747709
GCC - Revenue	Tax Collector	9283653568 / 9790819689
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930065
TANGEDCO	Junior Engineer	9445978506 / 9445850862
BSNL	Assistant Engineer	9445989865
Fire service	Inspector	044-25502769 / 7305096099
Police station	Inspector	044-23452750, 9498127225
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258
Highways	Assistant Engineer	9566215665

Ward committee - 66
Ward Councillor - 9445467066

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190366
GCC - Electrical	Assistant Engineer	9445190929 / 9445190930
GCC- Health	Sanitary Inspector	7824944142
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	7401386317
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930066
TANGEDCO	Junior Engineer	9445850862 / 9445850856 / 9445978504
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	7305096099 / 044-25502769
Police station	Inspector	9443117819 / 044-25500656/ 044-23452758
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

Ward committee - 67,
Ward Councillor - 9445467067

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190367
GCC - Electrical	Assistant Engineer	9445190930
GCC- Health	Sanitary Inspector	9444505124
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9600609622 / 8015426497
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930067
TANGEDCO	Junior Engineer	9445850856
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	044-25502769 / 7305096049
Police station	Inspector	9498117950
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

Ward committee - 68
Ward Councillor - 9445467068

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190368
GCC - Electrical	Assistant Engineer	9445910965
GCC- Health	Sanitary Inspector	8807126970
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9841925006
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930068
TANGEDCO	Junior Engineer	9445850855 / 9445978504
BSNL	Assistant Engineer	9445010980
Fire service	Inspector	044-25502769 /7305096049
Police station	Inspector	9498100089
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

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	6385429533
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	8907373736
Revenue	Revenue Inspector	6383859613
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930069
TANGEDCO	Junior Engineer	9445850854 / 9445850855
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-25502769 /7305096099
Police station	Inspector	9498100081
WRD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

Ward committee - 70,
Ward Councillor - 9445467070

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190370
GCC - Electrical	Assistant Engineer	9445910965
GCC- Health	Sanitary Inspector	6381169891
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9043522174 /9940402301
Revenue	Revenue Inspector	9384094036
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930070
TANGEDCO	Junior Engineer	9445850854
BSNL	Assistant Engineer	9444000143
Fire service	Inspector	044-25502769 /7305096049
Police station	Inspector	9498100081 /9865104324 / 9865499287
PWD	Assistant Engineer	7010099244
TNUHDB	Assistant Engineer	8610255258

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	9791876633
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9380879269 / 9789878322
Revenue	Revenue Inspector	9384094036
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930071
TANGEDCO	Junior Engineer	9840916416 / 9444918493
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	7305096050 /044-25521101
Police station	Inspector	8122274040
PWD	Assistant Engineer	9443130220
TNUHDB	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	9962665731
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9840761716
Revenue	Revenue Inspector	9384094036
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930072
TANGEDCO	Junior Engineer	9445850734 / 9445850736
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	8825906660
WRD	Assistant Engineer	9500767735
TNUHDB	Assistant Engineer	9444035145

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	9962665731
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9342167535 /99404776839
Revenue	Revenue Inspector	9884772116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930073
TANGEDCO	Junior Engineer	9445850736 / 9445850734 / 9445850735
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	8825906660
WRD	Assistant Engineer	-
TNUHDB	Assistant Engineer	9444035145

Ward committee - 74
Ward Councillor - 9445467074

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190374
GCC - Electrical	Assistant Engineer	9445190927
GCC- Health	Sanitary Inspector	9842162841
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9003255580
Revenue	Revenue Inspector	9884972116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930074
TANGEDCO	Junior Engineer	9445850734
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	8754555999 /9345659536
PWD	Assistant Engineer	-
TNUHDB	Assistant Engineer	7598343853
Highways	Assistant Engineer	9940866179

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	9791204880
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9087282453
Revenue	Revenue Inspector	9884772116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930075
TANGEDCO	Junior Engineer	9445850725
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	8754555999
WRD	Assistant Engineer	-
TNUHDB	Assistant Engineer	9940866179

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	6382103028
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9884290686
Revenue	Revenue Inspector	9884772116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930076
TANGEDCO	Junior Engineer	9445850738 / 9445850734 / 9445850725
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	9345659536
WRD	Assistant Engineer	-
TNUHDB	Assistant Engineer	9440866179

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	9940082344
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9094448951
Revenue	Revenue Inspector	9884772116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930077
TANGEDCO	Junior Engineer	9445850738/9445850734
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	9498194240
WRD	Assistant Engineer	9500767735
TNUHDB	Assistant Engineer	9444035145

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	8248205165
GCC - Veterinary	VAS	9445747709
GCC - Revenue	Tax Collector	9841825880
Revenue	Revenue Inspector	9884772116
GCC - Park overseer	Park Supervisor	7695822603
CMWSSB	Assistant Engineer	8144930075
TANGEDCO	Junior Engineer	9445850734 / 9445850725
BSNL	Assistant Engineer	9445010501
Fire service	Inspector	044-28554309
Police station	Inspector	9444548559
WRD	Assistant Engineer	9443130220
TNUHDB	Assistant Engineer	7598343853

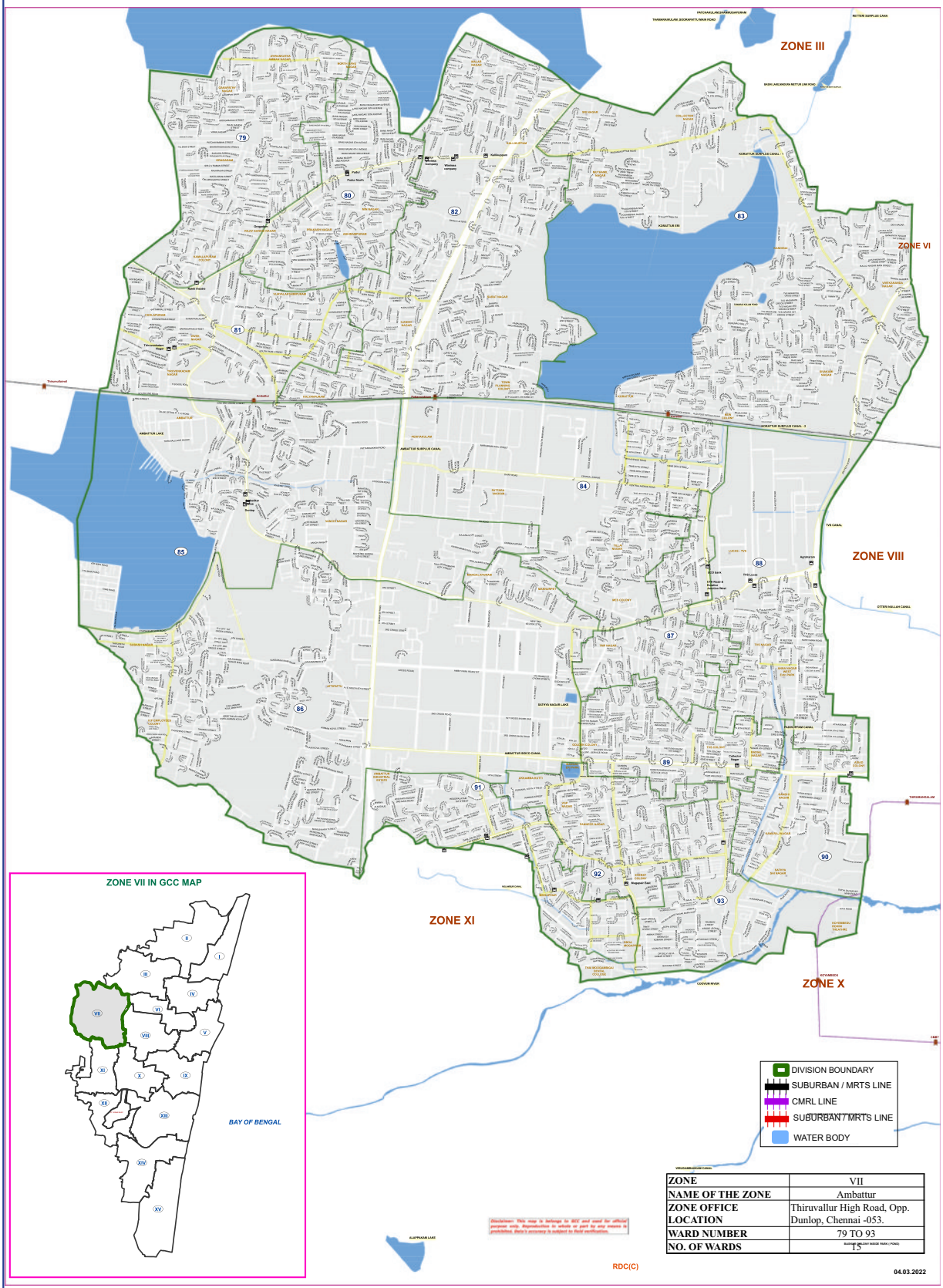
ZONE - VII

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	444
2	Zone Administration	444
3	Public Health & Disease Control	446
4	Parks	446
5	Sewage Pumping Station	450
6	Tamilnadu Urban Habitat Development Board	452
7	Water Bodies and Water ways	453
8	Storm Water Drain	455
9	Water stagnated streets in the previous monsoon - heavy rain fall	455
10	Water stagnated streets in the previous monsoon - mild rain fall	462
11	Water stagnated streets in the previous monsoon - moderate rain fall	462
12	Stagnation of water in streets due to sewer block	-
13	Relief centre	463
14	Subway	468
15	Tree fall	468
16	Streets - where water entered houses - do not require evacuation	468
17	Streets that require evacuation	469
18	Lighting facilities	469
19	National Disaster Response force	470
20	Rescue Boats	471
21	Transport Equipments & Lorries	472
22	Ward Committee	473

AMBATTUR

ZONE VII - WARD BOUNDARY



ZONE	VII
NAME OF THE ZONE	Ambattur
ZONE OFFICE LOCATION	Thiruvallur High Road, Opp. Dunlop, Chennai -053.
WARD NUMBER	79 TO 93
NO. OF WARDS	15

Profile

The Ambattur zone lies in Latitude 1304'36"N, Longitude 8005'18"E °and covering an area of 50.07 Sq.km.

There are 3651 roads, to a length of 522.27 Km are Interior Roads, 36 Roads to a length of 26.53 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 5.90 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 77,180 and the least is ward 89 with a population of 20,936. The Ward wise population is given below.

Sl.No.	Ward No.	Total House Holds	Total Population
1	79	12330	38920
2	80	9501	34168
3	81	14911	35530
4	82	19407	53100
5	83	15459	40208
6	84	8910	34640
7	85	9574	31296
8	86	10500	35360
9	87	10080	31328
10	88	10214	39136
11	89	7822	20936
12	90	11340	40106
13	91	11959	77180
14	92	11251	40846
15	93	9443	37376
TOTAL		156508	590130

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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Zonal Officer	79 to 93	9445190007

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	U-18,U-19 & U-20	9445194759
2	Executive Engineer-2	U-18,U-19	9445190027
3	Assistant Executive Engineer	U -18 (79,80,81, 82 & 83)	9445190118
4	Assistant Executive Engineer	U-19 (84,85,86,87,88)	9445190119
5	Assistant Executive Engineer	U-20 (89,90,91,92,93)	9445190120
6	Assistant Executive Engineer, Electrical	79 to 93	9445190047
7	Engineer, Mechanical	79 to 93	9445071023

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.

Sl. 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	Unit-20 (89,90,91,92,93)	9445191420

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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	Zone VII	9445190067
2	Veterinary Surgeon	Zone VII	9841117821
3	Entomologist	Zone VII	9941226410
4	Sanitary Officer	Unit-18	9445190687
5	Sanitary Officer	Unit-19	9445025885
6	Sanitary Officer	Unit-20	9445025892

Parks

There are 130 parks available in zone 07

These parks may sarve 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 inundition the parks. The contact details.

Sl. No.	Team member contact No	Equipment available	Area of operation
1	9445194573 Park Overseer	Power saw - 17 Telescopic tree - 10 Pruning machine - 10	Ambattur

List of Parks

Sl .No	Div	Park name	Area in Sq.mm
NMR Maintainance Park			
1	79	Thamarai Kulam Park	12,223.00
2	79	Lenin Nagar Park	500.00
3	79	Ram Nagar Park	650.00
4	79	Gandhi Nagar Park	580.00
5	79	Lakshmi Amman Nagar Park	720.00
6	79	Iyyan Kulam	4,626.00
7	80	Thangal Eri Park	17,100.00
8	80	Bharathi Nagar Park	550.00
9	80	Vaira Kulam	2,005.00
10	81	Thiruvenkadam Nagar Park	3,050.00
11	81	Krishnapuram Park	1,500.00
12	81	Secretariat Colony Park	4,000.00
13	82	Dugar Park	1,274.70
14	82	Narayanan Nagar Park	491.51
15	82	Tata Communication Park	8,483.00
16	82	Menambedu Thangal Pond Park	7,000.00
17	82	Vanan Kulam Pond Park	1,396.76
18	82	Karuppan Kulam	10,523.00
19	82	Sadha Kulam	7,135.00
20	82	Siva Vishnu Kulam (Karruku Main Road)	1,400.00
21	82	Gangai Amman Pond (Karruku Main Road)	1,152.00
22	83	Sri Ranga Garden Park	786.24
23	83	Nethaji Nagar Pond Park	1,645.85
24	83	Sastha Nagar Park	580.50
25	83	Thamarai Kulam Pond Park	15,000.00
26	83	Hindustan Nagar Park	2,027.00
27	83	Perumal Koil Pond Park	1,908.02
28	83	Sivalinga Puram Pond Park	2,347.71
29	83	Madhanakuppam Pond	1,908.02
30	83	Subbulakshmi Park	1,407.40
31	83	Kandigai Park	4,140.13
32	84	KR Nagar Park	1,751.00

33	84	TNHB 61st Street Park	6,783.02
34	84	Gangai Amman Koil Street Park	412.00
35	84	Gangaiamman Koil Sponge Park	450.00
36	84	Kotankuchi Kulam Pond Park	4,050.00
37	84	Pattravakkam Periya Kulam	15,378.00
38	85	Rail Vihar Osr Park 2	2,994.80
39	85	Rail Vihar Osr Park 1	3,010.00
40	85	Mangalapuram Pond	3,975.00
41	86	ICICI Bank Park	1,319.00
42	86	VGN Shanthi Nagar Cosmopolis Park	2,989.00
43	86	Chelliamman Nagar Park	835.00
44	86	Gopal Samy Street Park	440.00
45	86	Thamirabarani Street Park Opp New Century Hospital Street	1,269.00
46	86	Thamirabharani Street Park JN of Cauvery Street	855.00
47	86	TNHB Park at Vanagaram Main Road	2,803.73
48	86	Chelliamman Koil Pond Park	8,800.00
49	86	India Land Park	4,070.00
50	86	Sindu Nathi Park	2,600.00
51	86	CTH Road Park (Opp to Kochar)	1,116.00
52	86	gothavari Park	1,669.00
53	86	VGN Shanthi Nagar at Harloton Street (Victoria)	2,795.00
54	86	VGN Shanthi Nagar Brent Park	2,699.00
55	86	VGN Shanthi Nagar Park	4,010.00
56	86	VGN Shanthi Nagar HIV Park	948.00
57	86	VGN Shanthi Nagar Oval Park	8,405.00
58	86	Kalaivanar Nagar Pond	17,361.00
59	86	Reddy Kulam Pond	7,616.00
60	86	Manikam Pillai Pond	4,300.00
61	86	Ambit Park	2,067.00
62	86	Prince Info Park	1,048.00
63	87	TNHB 4th Street Park	1,923.75
64	87	East Avenue Park	1,350.00
65	87	Bajanai Koil Pond	1,683.00
66	88	Lokmaniya Thilagar Street Park	1,083.78
67	88	Millienium Park	14,700.00
68	88	B - Sector Park	2,595.00
69	88	C - Sector Park	2,643.00
70	88	AP Plot Park	630.00
71	88	C.T.H Road Park	2,059.44
72	89	Officers Colony	1,153.49
73	89	Akshaya Colony	1,320.00
74	89	TVS Avenue Main Road	3,780.00
75	89	Collector Nagar	2,920.00
76	89	Madurai Veeran Street Park	860.25
77	89	TVS Avenue 34th Street Park	341.91
78	89	Golden Colony	4,292.00
79	89	TVS Colony	1,776.00
80	90	TNHB Flats (Thirumanagalam Main Road)	1,100.00
81	90	Emarald Flats	1,991.60
82	90	Welcome Colony Block No- 49-A	630.00

83	90	Golden Jublee	2,826.00
84	90	TNHB Flats (Padi Kuppam Main Road)	655.46
85	90	Asiad Colony	3,180.00
86	90	Welcome Colony- Block 24,25,26	455.00
87	90	Welcome Colony- Block 29,30,31	864.92
88	90	Santhom Colony- Block 10,14,16	1,419.46
89	90	Santhom Colony- Block 15,16,17	702.00
90	90	Santhom Colony East Main Road (Panjarathinam)	1,260.00
91	90	Welcome Colony- Block 48,49	702.00
92	90	Welcome Colony- Block 35,36,37	696.00
93	90	ONGC Park	4,907.96
94	90	VGN Park Gurusamy Street	1,437.00
95	90	VGN Park Anusha Street	432.00
96	90	VGN Park Krishna Street	1,350.00
97	90	Welcome Colony Block 46,47	512.00
98	91	Tri Star Park	961.00
99	91	Jeswanth Nagar Phase- II	1,900.00
100	91	Mogappair ERI Scheme 1st Main Road	1,176.25
101	91	6th Block 8th Street	561.08
102	91	Mogappair 15th Cross Street	1,201.20
103	91	Mogappair West Bus Stand Park	3,463.00
104	91	Jeswanth Nagar Phase- I	1,590.00
105	91	Mogappair ERI Scheme 6th Main Road	976.00
106	91	Mogappair ERI Scheme 8th Cross Street	2,279.00
107	91	Aibea Nagar	1,300.00
108	91	Babakulam	2,529.37
109	92	Mangal ERI Park	19,856.00
110	92	Veeramamunivar Street Park	1,075.00
111	92	Venugopal Street Park	398.82
112	92	Varun Apartment Park	688.00
113	92	EB Park	11,455.00
114	92	Church Road Park	1,000.00
115	92	VGN Raksha Park	638.00
116	92	Srinivasa Perumal Koil Park	440.00
117	93	Veeramamunivar Street Park, JJ Nagar	1,200.00
118	93	Rail Nagar (Yogakalpattra Park)	1,290.00
119	93	OV Joseph Park	1,200.00
GCC Maintainance Park			
120	86	T.T. Mathew Road	100.00
121	86	Athipattu Main Road (Miya Wakkie)	
122	88	Kavitha Street (Miya Wakkie)	452.00
123	90	Park at Thirumangalam Main Road(HIG Flat OSR Land)	243.69
Adoption Park			
124	85	Plot N0.20 SIDCO 3rd main road Ambattur	1,618.00
125	85	Kochar Park	1,197.00
126	89	Jeevan Bheema Nagar 1st Gate	573.00
127	90	Maple Orchid Park	905.00
128	90	Pace Parana	120.00
129	90	Pace Parana	148.00
130	93	MMM Hospital Park	1,300.00

TREE CUTTING MACHINERIES AVAILABLE IN ZONE - 7				
S. No.	Div	No. of Saw Available		No. of Pruners Available
		Petrol	Electrical	
1	79	1	–	–
2	80	-	–	–
3	81	2	–	–
4	82	-	–	–
5	83	1	–	–
6	84	1	–	–
7	85	1	–	–
8	86	1	–	–
9	87	-	–	–
10	88	1	–	–
11	89	-	–	–
12	90	-	–	–
13	91	1	–	–
14	92	6	1	1
15	93	1	–	–
Total		16	1	1

Sewage Pumping Stations

The sewer and drinking water services are being provided by the CMWSSB in Chennai city. There are 35 pumping stations available in Ambattur Zone with average capacity of various 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,

Sl.No	Dn	Pumping Station	Category	Capacity MLD	No. of pumps
1	88	Anna Nagar West Extension I	LT-3	10.5	4 Nos
3	93	Mogappair Sewage pumping station	HT/R	45.36	5 Nos
4	84	Korattur (Old & New) Sewage pumping	HT/R	52.6	8 Nos
5	90	Five Star sewage pumping station	LT-2	3	2 Nos
6	90	Golden Jubilee sewage pumping station	LT-2	10	2 Nos
7	87	Elango Nagar sewage pumping station	LT-3	25	3 Nos
8	82	Karukku Sewage Pumping Station	LT-3	20	5 Nos
9	82	Karpankulam Sewage Pumping Station	LT-3	13	3 Nos

10	79	Ayyankulam Sewage Pumping Station	LT-3	12	3 Nos
	81	Nehru Nagar Sewage Pumping Station	LT-3	3.2	3 Nos
12	85	Teachers Colony Sewage Pumping	LT-3	1.8	2 Nos
14	85	SIDCO Nagar Lift Station	LT-2	5	2 Nos
15	80	Sangam Street Lift Station	LT-2	2.5	2 Nos
16	79	Lenin Nagar Lift Station	LT-2	5	2 Nos
18	82	Pillayar Koil Street Lift Station	LT-2	1.8	2 Nos
19	82	Thendral Nagar Lift Station	LT-2	1.2	2 Nos
20	83	Pallam Street Sewage Pumping Station	LT-3	11.4	3 Nos
21	83	Vivekananda Nagar Pumping Station	LT-3	3.8	3 Nos
22	83	S.R.B. Nagar Sewage Pumping Station	LT-3	3.42	3 Nos
23	91	Bharathi Sewage Pumping Station	LT-3	3.8	3 Nos
24	91	Reddy Palayam Sewage Pumping	LT-2	1.8	2 Nos
25	92	EB Road Sewage Pumping Station	LT-3	9.3	3 Nos
26	93	Padikuppam Old Sewage Pumping	LT-2	2	2 Nos
27	87	East Avenue Sewage Pumping station	LT-3	11.6	3 Nos
28	84	Station Road Sewage pumping station	LT-2	2	2 Nos
29	86	I.C.F Colony Sewage pumping station	LT-3	4	3 Nos
21	83	Vivekananda Nagar Pumping Station	LT-3	3.8	3 Nos
22	83	S.R.B. Nagar Sewage Pumping Station	LT-3	3.42	3 Nos
23	91	Bharathi Sewage Pumping Station	LT-3	3.8	3 Nos
24	91	Reddy Palayam Sewage Pumping	LT-2	1.8	2 Nos
25	92	EB Road Sewage Pumping Station	LT-3	9.3	3 Nos
26	93	Padikuppam Old Sewage Pumping	LT-2	2	2 Nos
27	87	East Avenue Sewage Pumping station	LT-3	11.6	3 Nos
28	84	Station Road Sewage pumping station	LT-2	2	2 Nos
29	86	I.C.F Colony Sewage pumping station	LT-3	4	3 Nos
30	84	Kachanankuppam sewage pumping	LT-3	14.4	3 Nos
31	86	V.G.N Shanthi colony sewage pumping	LT-2	2	2 Nos
32	86	Athipet Sewage pumping station	LT-3	7.2	3 Nos
33	93	Padikuppam New Lift Station	LT-2	1	2 Nos
34	85	TASS Avenue Sewage pumping station	LT-2	1	2 Nos
35	85	MKB Nagar Sewage Pumping Station	LT-2	1	2 Nos

Tamilnadu Urban Habitat Development Board

There is 3 TNUHDB tenements in Kamarajar Nagar and Ayanambakkam main road, Athipet with a population of 6785 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,

Sl. No.	Ward No	Tenement location	No. of tenement	Population
1	85	Kamarajar Nagar	153	545
2	86	Ayanambakkam Main Road, Athipet-Phase-I & II	46 Blocks, 1472 Houses	4500
3	86	Ayanambakkam main Road, Athipet Phase-III	5 Blocks, 540 Houses	1740

Contact details

Department	Designation	Area	Contact No.
TNUHDB	Executive Engineer	Area - 7	044- 28444973
Conservancy/GCC	Conservancy Supervisor	Unit-18 (79 to 83)	9445191418
Conservancy/GCC	Conservancy Supervisor	Unit-19 (84 to 88)	9445191419
Conservancy/GCC	Conservancy Supervisor	Unit-20 (89 to 93)	9445191420
Water Supply& Sewage / CMWSSB	Area Engineer	Area - 7	8144930907

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,

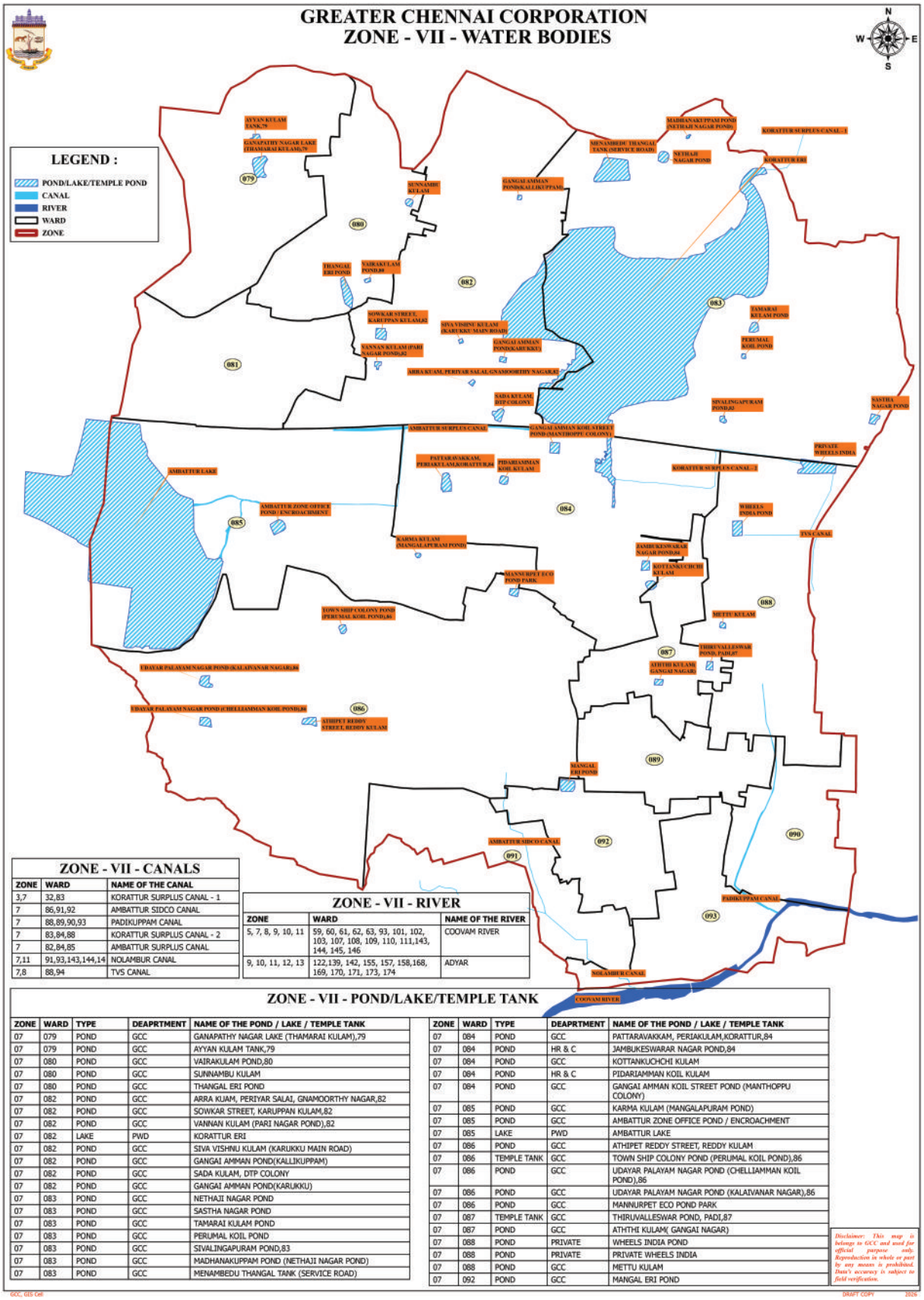
Canals

S.No	Div	Name of Canal	Total Length (m)	From	To	Disposal Point	Remarks
1	84	North Avenue Canal	2900	TNHB 38th Street	200 Ft road TVS Lucas back side	Otteri canal via TVS canal &	
2	91	Sidco Canal	2560	KIA Motors	Gangaiamman Kovil Street	Covum river	
3	79	Manalodai canal	150	Lenin Nagar 3rd Main Road	Puzhal Lake	Puzhal Lake	
4	88,89,90, 93	Padi kuppam Canal	2520	Thirumangalam road	Padikuppam main	Covum river	
5	82,84	Pattravakkam Canal (Railway Track	3200	Godrej (Dn-85)	North Avenue Canal(Ondiv	Korattur Eri	
6	85	AmbatturCcanal	5500	Ambattur lake	Patravakkam canal	Otteri nallah	
TOTAL	16.680						

Other water bodies

Sl 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

ZONE VII - WATER BODIES



ZONE - VII - CANALS

ZONE	WARD	NAME OF THE CANAL
3,7	32,83	KORATTUR SURPLUS CANAL - 1
7	86,91,92	AMBATTUR SIDCO CANAL
7	88,89,90,93	PADIKUPPAM CANAL
7	83,84,88	KORATTUR SURPLUS CANAL - 2
7	82,84,85	AMBATTUR SURPLUS CANAL
7,11	91,93,143,144,14	NOLAMBUR CANAL
7,8	88,94	TVS CANAL

ZONE - VII - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

ZONE - VII - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
07	079	POND	GCC	GANAPATHY NAGAR LAKE (THAMARAI KULAM),79
07	079	POND	GCC	AYYAN KULAM TANK,79
07	080	POND	GCC	VAIRAKULAM POND,80
07	080	POND	GCC	SUNNAMBU KULAM
07	080	POND	GCC	THANGAL ERI POND
07	082	POND	GCC	ARRA KUAM, PERIYAR SALAI, GNAMOORTHY NAGAR,82
07	082	POND	GCC	SOWKAR STREET, KARUPPAN KULAM,82
07	082	POND	GCC	VANNAN KULAM (PARI NAGAR POND),82
07	082	LAKE	PWD	KORATTUR ERI
07	082	POND	GCC	SIVA VISHNU KULAM (KARUKKU MAIN ROAD)
07	082	POND	GCC	GANGAI AMMAN POND(KALLIKUPPAM)
07	082	POND	GCC	SADA KULAM, DTP COLONY
07	082	POND	GCC	GANGAI AMMAN POND(KARUKKU)
07	083	POND	GCC	NETHAJI NAGAR POND
07	083	POND	GCC	SASTHA NAGAR POND
07	083	POND	GCC	TAMARAI KULAM POND
07	083	POND	GCC	PERUMAL KOIL POND
07	083	POND	GCC	SIVALINGAPURAM POND,83
07	083	POND	GCC	MADHANAKUPPAM POND (NETHAJI NAGAR POND)
07	083	POND	GCC	MENAMBEDU THANGAL TANK (SERVICE ROAD)
07	084	POND	GCC	PATTARAVAKKAM, PERIAKULAM,KORATTUR,84
07	084	POND	HR & C	JAMBUKESWARAR NAGAR POND,84
07	084	POND	GCC	KOTTANKUCHCHI KULAM
07	084	POND	HR & C	PIDARIAMMAN KOIL KULAM
07	084	POND	GCC	GANGAI AMMAN KOIL STREET POND (MANTHOPPU COLONY)
07	085	POND	GCC	KARMA KULAM (MANGALAPURAM POND)
07	085	POND	GCC	AMBATTUR ZONE OFFICE POND / ENCROACHMENT
07	085	LAKE	PWD	AMBATTUR LAKE
07	086	POND	GCC	ATHIPET REDDY STREET, REDDY KULAM
07	086	TEMPLE TANK	GCC	TOWN SHIP COLONY POND (PERUMAL KOIL POND),86
07	086	POND	GCC	UDAYAR PALAYAM NAGAR POND (CHELLIAMMAN KOIL POND),86
07	086	POND	GCC	UDAYAR PALAYAM NAGAR POND (KALAIVANAR NAGAR),86
07	086	POND	GCC	MANNURPET ECO POND PARK
07	087	TEMPLE TANK	GCC	THIRUVALLESWAR POND, PADI,87
07	087	POND	GCC	ATHITHI KULAM(GANGAI NAGAR)
07	088	POND	PRIVATE	WHEELS INDIA POND
07	088	POND	PRIVATE	PRIVATE WHEELS INDIA
07	088	POND	GCC	METTU KULAM
07	092	POND	GCC	MANGAL ERI POND

Disclaimer: This map is belongs to GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data's accuracy is subject to field verification.

GCC, GIS Cell DRAFT COPY 2026

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.

1453 Nos of storm water drains & side drain to a length of 341.62 Km were constructed to ease the flow of rain water in Ambattur zone. The details of SWD are given below.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs in KM
1	79	105	23744
2	80	95	17386
3	81	86	20475
4	82	98	20908
5	83	120	32290
6	84	147	27058
7	85	121	26040
8	86	172	66441
9	87	134	21630
10	88	147	23713
11	89	73	15487
12	90	23	9978
13	91	50	12008
14	92	45	11053
15	93	37	13413
Total		1453	841624

Water stagnated streets in the previous monsoon - heavy rain fall

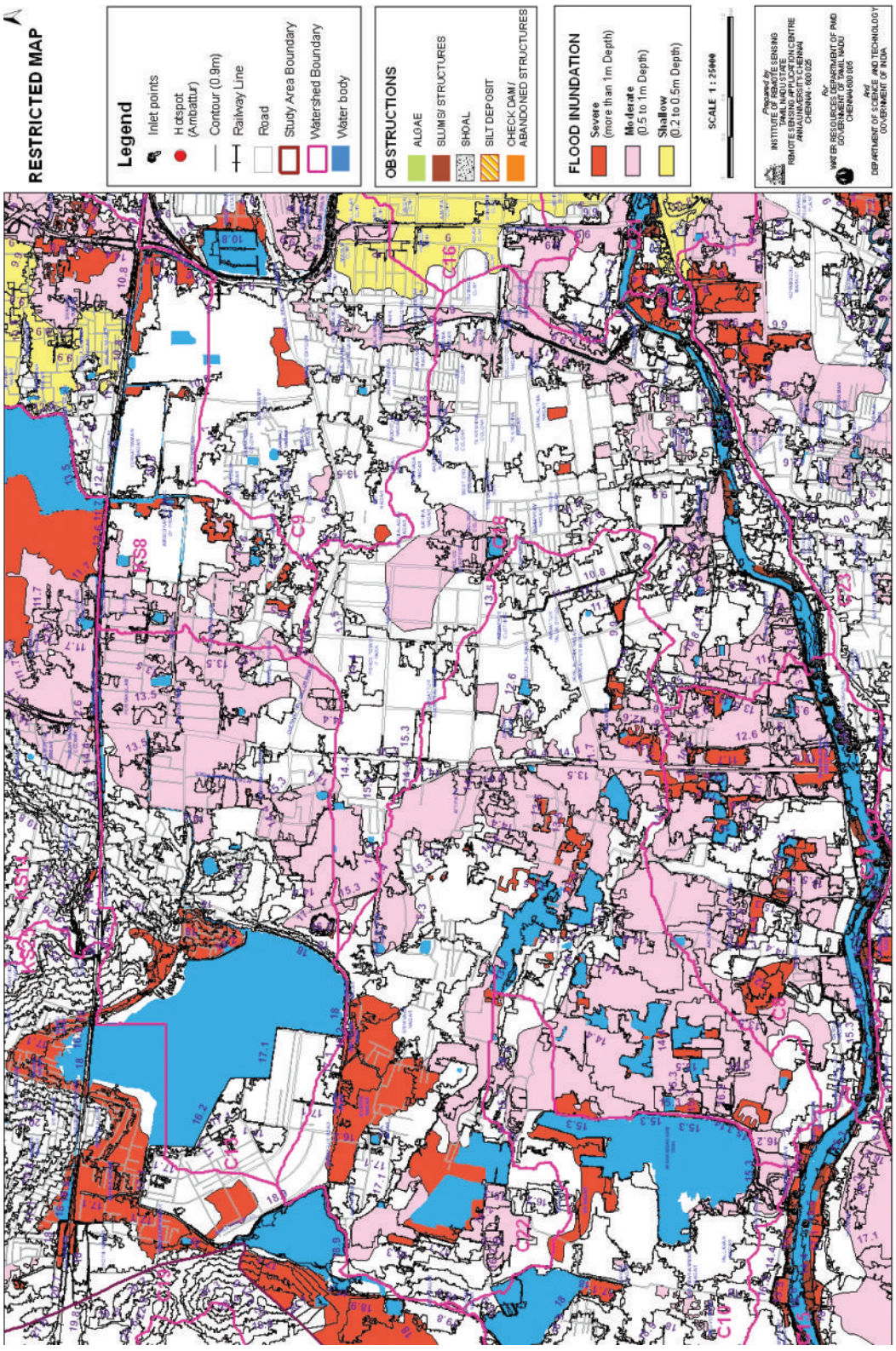
During the last monsoon 15 inundated spots in this zone were identified and actions were taken to bail out the rain water. Most of the locations were flooded during the North-East Monsoon 2018 due to heavy rain and overflow of upstream water in the canals and water bodies in this Zone. The identified water stagnations and the actions taken to dispose the rain water in each location are as below.

Water stagnated streets in the previous monsoon - heavy rain fall					
Sl. No	Div No	Name of The Location	Capacity of Pump	Location of Pump	Disposal of Point
1	79	Ramakrishna Street	25 HP	Ramakrishna Street	Kalaivanar Street
2	79	Nethaji Street	20 HP	Nethaji Street	Ramasamy Street
3	79	Pandian Street	25 HP	Pandian Street	Sri C V Raman Street
4	79	Indira Gandhi Street	25 HP	Kasturi Bai Street	Puzhal Street
5	80	Bakthavachalam 1st Cross street	25 HP	Bakthavachalam Street	Karukku Main Road
6	80	Vairakuam Street	25 HP	Vairakulam Cross Street	Abiramipuram Main Road
7	80	Thirumalai Priya Nagar16th Street	25 HP	Thrimalai Priya Nagar 18th Street	Thrimalai Priya Nagar main Road
8	83	Sastha Nagar Vagai Nagar	20 HP	Service Road	Highways SWD
9	83	Devi nagar	25 HP	Devi nagar	vivekanadha main road
10	83	NRS Road	25 HP	NRS Road	200 ft Road
11	85	Vanagaram Burial Ground	5 HP	Vanagaram Burial Ground	Coovam River
12	86	C T H Road near Indian Oil Petrol Bunk	5 HP	Through SWD	Coovam River
13	90	Golden Jubilee Flats	25 HP	Golden Jubilee Flats opp	SWD Padikuppam Road

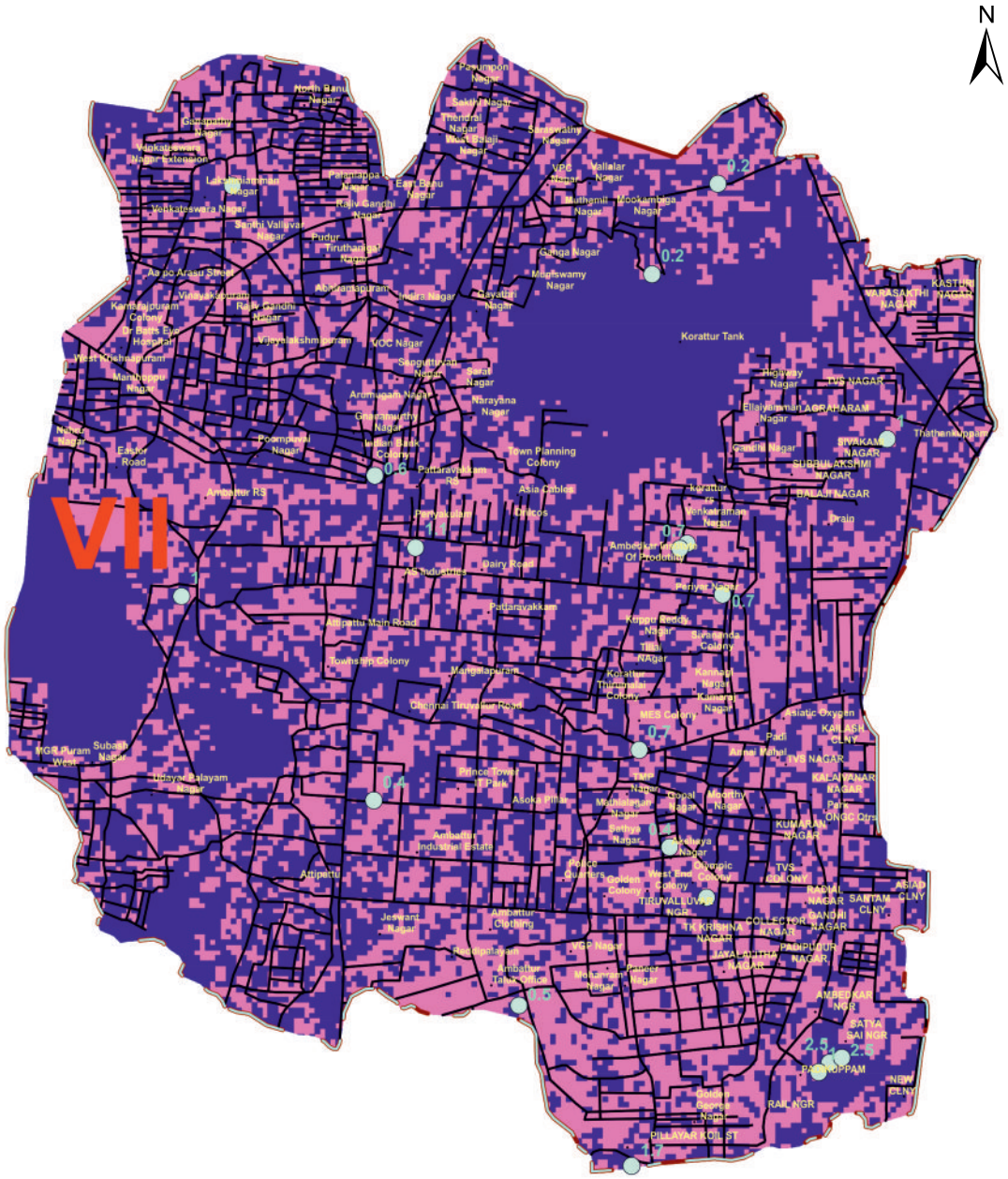
14	93	Sree Appart-ments	5 HP	Vandiamman Koil Street	Valaiyapathi salai
15	93	Govt Girls High-er Secondary School Ground	5HP Mo-tor, 10 HP Motor	Veeramamunivar Street	SWD
16	93	Govt Boys Higher Sec-ondary School Ground	5 HP	Maraimalai Adiga lar Street	Maraimalai Adiga-lar Street

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.

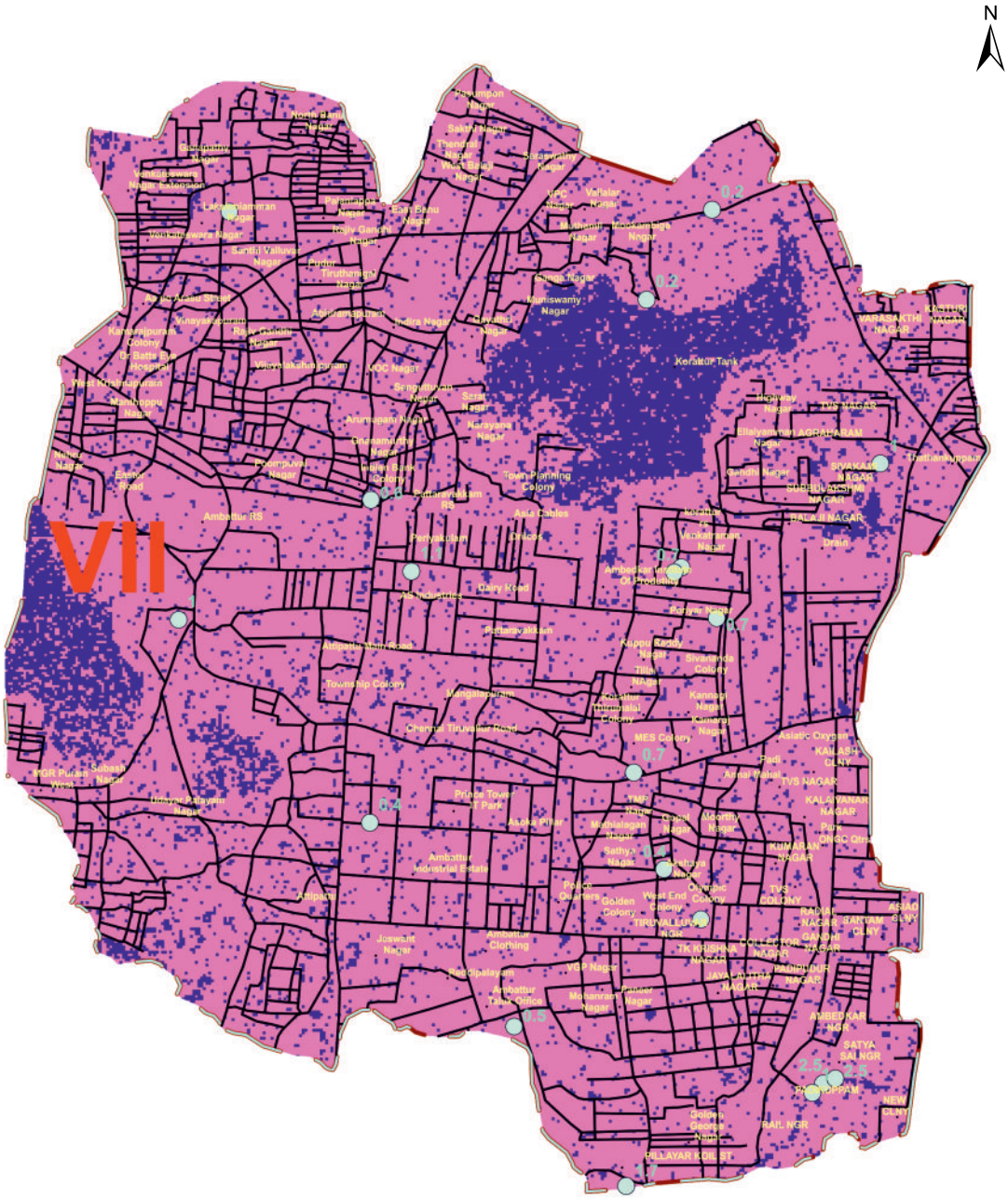
FLOODINUNDATIONMAPFORKANNADASANNAGARIN2005

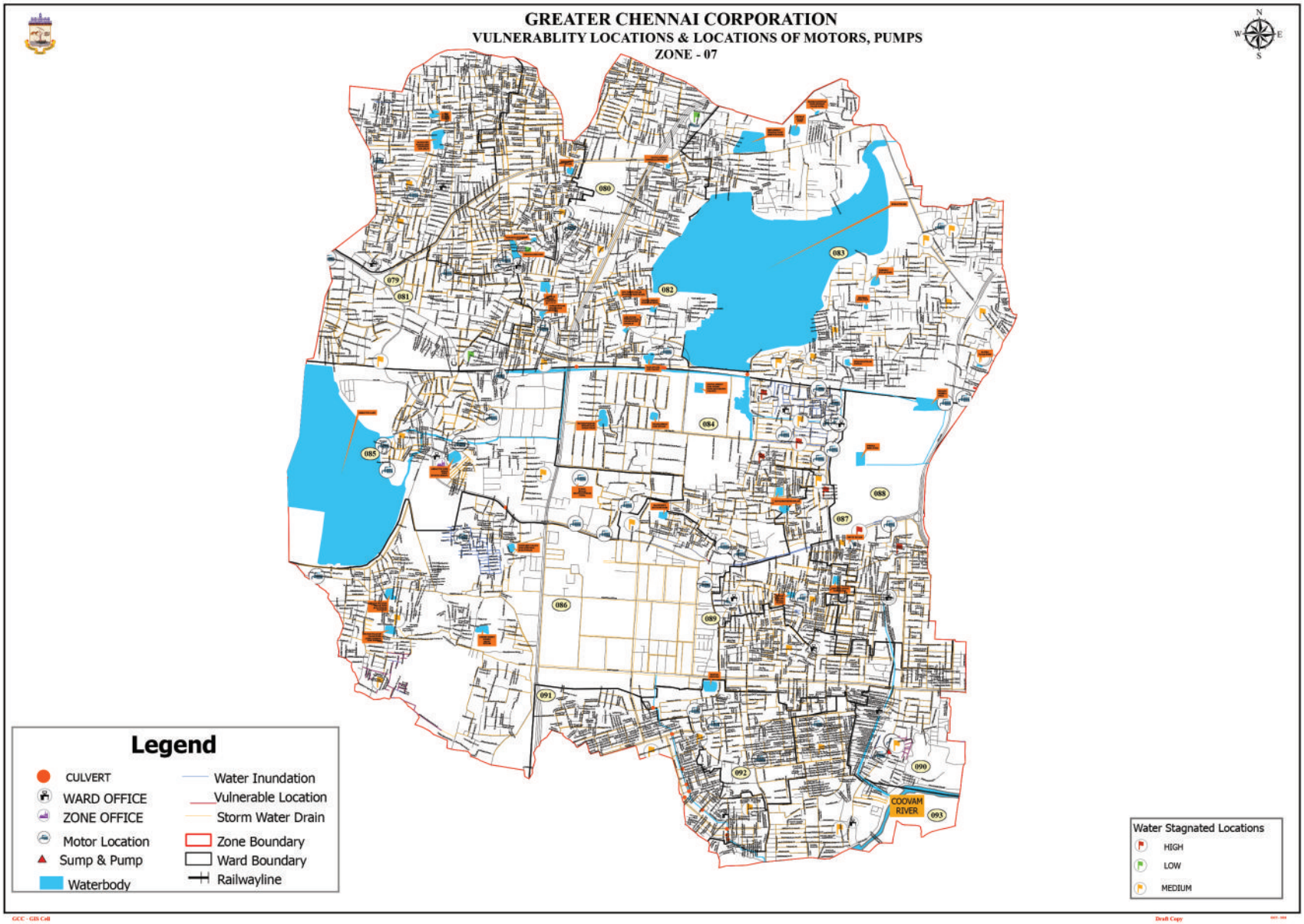


INUNDATION EXTENT ON 3rd DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



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




GREATER CHENNAI CORPORATION
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS
ZONE - 07
N
W
E
S
079
080
081
082
083
084
085
086
087
088
089
090
091
092
093
COOVAM RIVER
Legend
CULVERT
WARD OFFICE
ZONE OFFICE
Motor Location
Sump & Pump
Waterbody
Water Inundation
Vulnerable Location
Storm Water Drain
Zone Boundary
Ward Boundary
Railwayline
Water Stagnated Locations
HIGH
LOW
MEDIUM
GCC - GIS Cell
Draft Copy

Water stagnated streets in the previous monsoon - mild rainfall

S. No	Ward	Name of the street
1	82	Indian Bank 5th Street
2	83	Ellaiyamman Nagar
3	83	Padmavathi Nagar
4	83	Srinivasapuram 3rd Street

Water stagnated streets in the previous monsoon - moderate rainfall

S. No	Ward	Name of the street
1	84	TNHB 25 Street to 29 Street
2	84	TNHB 61 Street to 64 Street
3	84	2nd Street and 28th Street, North Avenue, TNHB, Korattur

Relief Centres

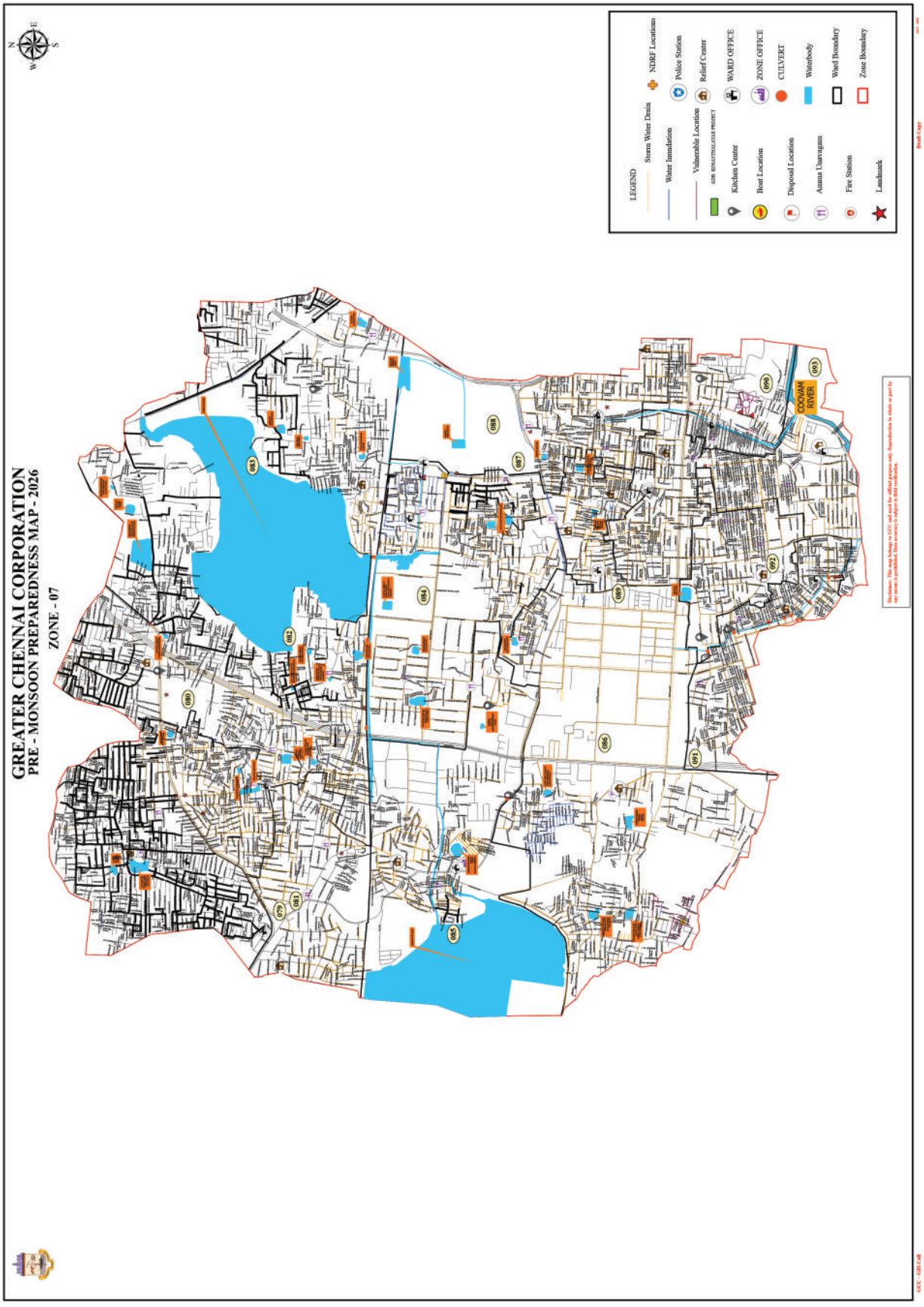
There are 16 relief centres to a total capacity of 4750 that are readily available with Cooking, Drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

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.
1	79	300	Chennai Middle School, Gandhi Main Road	G.K. Street	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190379
								Sanitation	Sanitary Inspector	9445025879
								Food& Drinking Water	Assistant Revenue Officer	9952936676
2	80	300	Chennai Middle School, Chitorag-adam	Bathava chalam Street	Yes	Yes	Yes	Evacuation & Relief Material	Assistant Engineer	9445190380
								Sanitation	Sanitary Inspector	9445025880
								Food& Drinking Water	Assistant Revenue Officer	9952936676
3	81	300	Chennai Middle School, Saraswathi Nagar	Pan-duranga Nagar	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190381
								Sanitation	Sanitary Inspector	9445025881
								Food& Drinking Water	Assistant Revenue Officer	9952936676
4	82	300	Chennai Middle school Padasal Kallikuppam	D.T.P. Colony	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190382
								Sanitation	Sanitary Inspector	9445025881
								Food& Drinking Water	Assistant Revenue Officer	9952936676
5	83	300	CPS & CHS School,NRS road, Agraharam, korattur	NRS cross street	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190383
								Sanitation	Sanitary Inspector	9445025883
								Food& Drinking Water	Assistant Revenue Officer	9952936676

S.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.
6	84	300	Chennai Primary and High School, Chavadi st, korattur	Korattur	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190384
								Sanitation	Sanitary Inspector	9445025887
								Food & Drinking Water	Assistant Revenue Officer	9445190087
7	85	300	Chennai High School, Jeeva St, Kamarajapuram	Kamaraja Puram	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190385
								Sanitation	Sanitary Inspector	9445025886
								Food & Drinking Water	Assistant Revenue Officer	9445190087
8	86	300	Chennai High School, China Colony	Athipet	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190386
								Sanitation	Sanitary Inspector	9445025886
								Food & Drinking Water	Assistant Revenue Officer	9444576365
9	87	300	Chennai Middle school, Dr.Moorthi Nagar,	Moorthy Nagar,	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190387
								Sanitation	Sanitary Inspector	9445025887
								Food & Drinking Water	Assistant Revenue Officer	9444576365

S.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.
10	88	300	ICDS Kalaivanar Nagar	Kalaivanar Nagar	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190388
								Sanitation	Sanitary Inspector	9445025887
								Food & Drinking Water	Assistant Revenue Officer	9444576365
11	89	250	Excel Group of School TVS Colony	Round Building	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190389
								Sanitation	Sanitary Inspector	9445025887
								Food & Drinking Water	Assistant Revenue Officer	9444576365
12	93	300	(Leo Academy of Excellance (CBSE) school, 1513 E-soundarya colony ANW Extn - 1041)	Pillaiyar Koil street padikuppam	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190393
								Sanitation	Sanitary Inspector	9445910929
								Food & Drinking Water	Assistant Revenue Officer	9444576365
13	92	300	Velammal mat.Hr.Sec. School	Dr.Ambedkar Nagar	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190391
								Sanitation	Sanitary Inspector	9445025893
								Food & Drinking Water	Assistant Revenue Officer	9444576365

S.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.
14	93	300	Chennai Higher School, padikuppam (Community Hall, Mogappair West)	Padikuppam Pillaiyar Koil Street	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190393
								Sanitation	Sanitary Inspector	9445025893
								Food & Drinking Water	Assistant Revenue Officer	9444576365
15	90	300	Chennai Primary School Venugoapal Street Mogappair	Soundarya Colony	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190393
								Sanitation	Sanitary Inspector	9445025893
								Food & Drinking Water	Assistant Revenue Officer	9444576365
16	91	300	Channai high school Padikuppam main road Anna Nagar Extn.	Mogappair West	Yes	Yes	No	Evacuation & Relief Material	Assistant Engineer	9445190393
								Sanitation	Sanitary Inspector	9445025893
								Food & Drinking Water	Assistant Revenue Officer	9444576365


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 07
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
ADB EGMP/TNUDP PROJECT
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
COOVAM RIVER

Subways

There is subway in Division 84 Korattur Railway Station as of now available in Ambattur zone.7

Sl. No.	Ward. No	Name of the Subway
1	84	Korattur 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,

Sl. No.	Ward. No	Name of the Streets
1	84	Central Avenue,TNHB 2nd Street,TNHB 4th Street
2	88	Park road,B Sector,C sector, D Sector
3	89	TVS Colony 50th Street
4	91	VGN Padma Street, VGN Avenue
5	92	Mohanram Nagar
6	93	Pachiappar Salai

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,

Sl. No.	Ward	Name of the area/street
1	82	DTP Colony, Ganamoorthy Nagar, Munusamy Koil st, VOC street,Thirunavukarasu Street
2	83	Vanasakthi Nagar
3	84	East Avenue Road, Central Avenue road
4	85	Kamarajapuram, Ramapuram, MKB Nagar
5	86	Annai Sathya Nagar, Ram Poornam Nagr
6	88	Park road opposite to Newry tower
7	91	2nd Block & 3rd Clock
8	92	Venugopal Street,Kannadasan Salai
9.	93	Vandiamman koil street, Nehru street, Padikuppam, Nakeeran salai

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.

Sl. No.	Ward	Contact person	
		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	91	Community Hall	Div - 83 Madhanakuppam	Mr. Guru 9445190383

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.

Sl. No	Dn	Number of boats rewuired with location / evacuation areas	Contact No
1	83	Madhanakuppam Pond	Assistant Engineer 9445190383
2	76	Strahans Road (Near chennai High School)	Assistant Engineer 9445190376
3	77	Thattankulam - 2	Assistant Engineer 9445190377
4	84	TNHB 25th Street	Assistant Engineer 9445190384
5	84	TNHB 26th street	Assistant Engineer 9445190384
6	84	North Avenue Road	Assistant Engineer 9445190384
7	84	Central Avenue Road	Assistant Engineer 9445190384
8	84	TNHB 61st Street to 78th Street	Assistant Engineer 9445190384

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

Sl. 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 163 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
TNUHDB	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	8610014983
CMWSSB	Assistant Engineer	8144930080
TANGEDCO	Assistant Engineer	9445850338
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468 / 9445392974
Police station	Inspector	044-23452797 / 9498103322
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930081
TANGEDCO	Assistant Engineer	9445850337
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468 / 9445392974
Police station	Inspector	044-23452797 / 9498103322
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930082
TANGEDCO	Assistant Engineer	9445850340
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26418468 / 9445392974
Police station	Inspector	044-23452797 / 9498103322
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930083
TANGEDCO	Assistant Engineer	9445448945
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601 9445392974
Police station	Inspector	044-23452799 9626860945 9498195161
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930084
TANGEDCO	Assistant Engineer	9445850326
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601 9445392974
Police station	Inspector	044-23452799 9626860945 / 9498195161
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930085
TANGEDCO	Assistant Engineer	9445850320
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26251601 9445392974
Police station	Inspector	044-23452797 9626860945 / 9498195161
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930086
TANGEDCO	Assistant Engineer	9445850328
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-27950080 9445392974
Police station	Inspector	044-23452797 9176528259 / 9444630246
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	044-26563629 9445392974
Police station	Inspector	044-26563629 9600950061
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	9445850327
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629 9445392974
Police station	Inspector	044-26563629 9600950061
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

Ward committee - 89
Ward Councillor - 9445467089

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190389
GCC - Electrical	Assistant Engineer	9445477678
GCC- Health	Sanitary Inspector	9445025889
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190589
GCC - Revenue	Tax Collector	9840357311
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	8610014983
CMWSSB	Assistant Engineer	8144930089
TANGEDCO	Assistant Engineer	9445448325,322
BSNL	Assistant Engineer	9445015399
Police station	Inspector	044-26563629 9498100113
Fire service	Inspector	044-23452799 9445392974
Police station	Inspector	9498100113
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	9445025890
GCC - Veterinary	Veterinary Assistant Surgeon	9445194744
GCC - Solid waste management	Conservancy Inspector	9445190590
GCC - Revenue	Tax Collector	9551836556
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	8610014983
CMWSSB	Assistant Engineer	8144930090
TANGEDCO	Assistant Engineer	9445850322 – 325
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629 9445392974
Police station	Inspector	044-23452753 9865323765 9444864889
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8124988152
Revenue	Tasildar	9445000489
GCC - Park overseer	Park Supervisor	8610014983
CMWSSB	Assistant Engineer	8144930091
TANGEDCO	Assistant Engineer	9445850324-323
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629 9445392974
Police station	Inspector	044-23452748 9498100117
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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	8610014983
CMWSSB	Assistant Engineer	8144930092
TANGEDCO	Assistant Engineer	9445850324-323
BSNL	Assistant Engineer	9445015399
Fire service	Inspector	044-26563629 9445392974
Police station	Inspector	044-23452748 9840414972 9047920801
PWD	Assistant Engineer	9080595550
TNUHDB	Assistant Engineer	044- 28444973
Highways	Assistant Engineer	8072380917

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
TNUHDB	Assistant Engineer	044-22358311
Highways	Assistant Engineer	9442984812

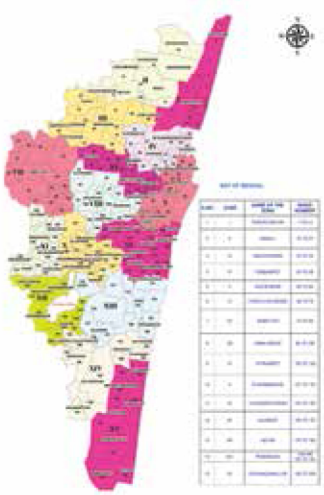
ZONE - VIII

ZONECONTENTS

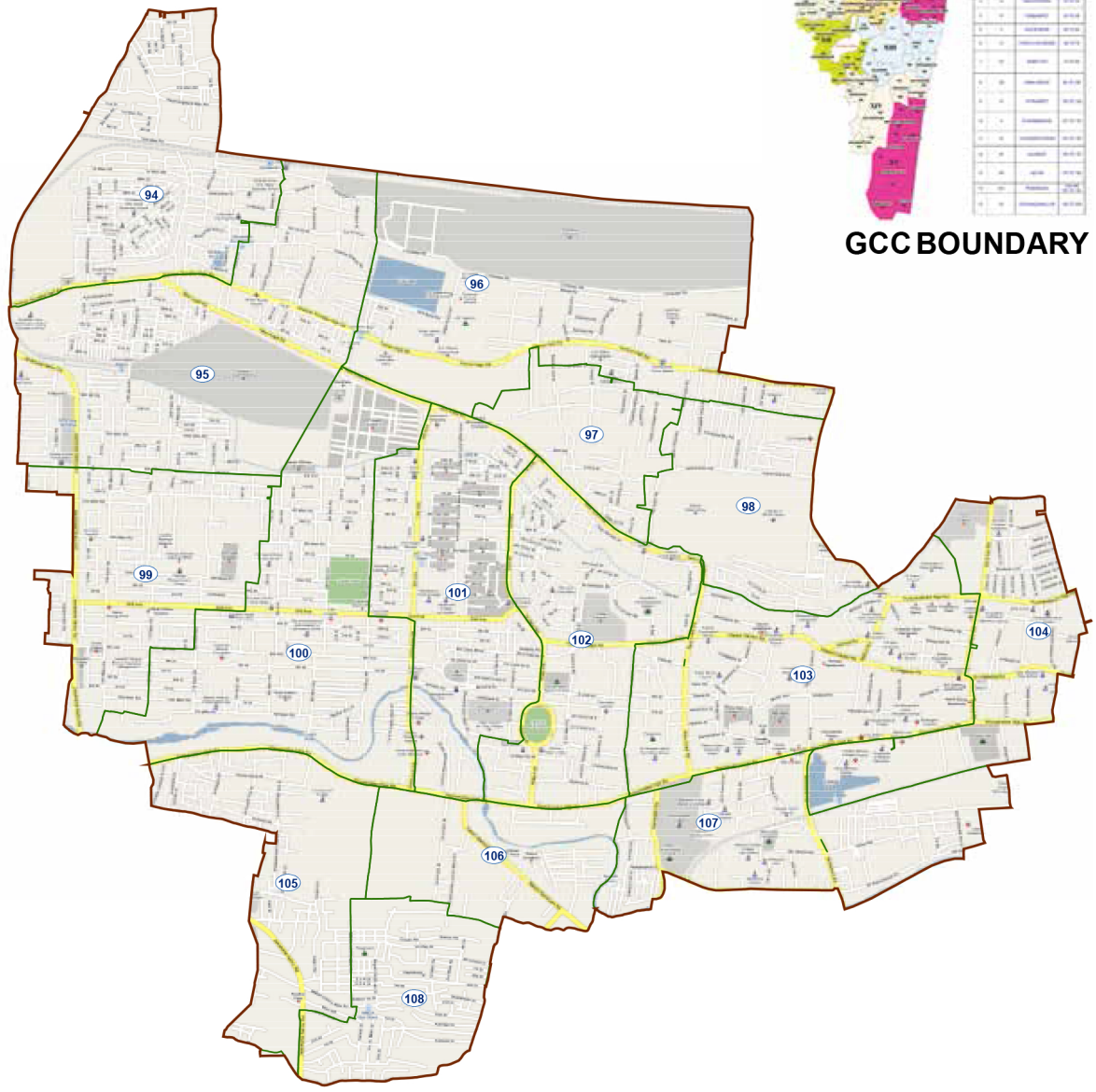
Sl. No	Description	Page No
1	Profile	483
2	Zone Administration	483
3	Public Health & Disease Control	484
4	Parks	485
5	Sewage Pumping Station	487
6	Tamilnadu Urban Habitat Development Board	488
7	Water Bodies and Water ways	489
8	Storm Water Drain	492
9	Water stagnated streets in the previous monsoon-Heavy rainfall	492
10	Water stagnated streets in the previous monsoon-Mild Rainfall	499
11	Water stagnated streets in the previous monsoon-Moderate Rain fall	499
12	Stagnation of water in streets Due to sewer block	500
13	Relief centre	501
14	Subway	505
15	Treefall	506
16	Streets-water entered houses-do not require evacuation	508
17	Streets that require evacuation	509
18	Lighting facilities	510
19	National Disaster Response force	510
20	Rescue Boats	511
21	Transport Equipment & Lorries	511
22	Less than 2.5m streets that cannot be accessed by Vehicles	512
23	Ward Committee	512

ANNANAGAR

ZONE VIII - WARD BOUNDARY



GCC BOUNDARY



NAME OF THE ZONE	WARD NUMBER
Anna Nagar	94 TO 108

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,

Sl.No.	Ward No.	Total House Holds	Total Population
1	94	12303	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	10870	43478
12	105	18508	74033
13	106	17550	70200
14	107	5794	23175
15	108	11182	44727
TOTAL		200114	800456

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 responsibilitiesof 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.

Sl. No.	Designation	Ward No.	Contact Number
1	Chairman	94 to 108	9445467094 9283184848
2	Zonal Officer	94 to 108	9445190008

EngineeringWing

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.

Sl. 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.

Sl. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	Sanitary Officer	Unit 21	9444141920
2.	Sanitary Officer	Unit 22	7200013144
3.	Sanitary Officer	Unit 23	8754419558
4	Conservancy Supervisor (Night)	Zone VIII	8778045094

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.

Sl. No.	Designation	Zone/ Unit No.	Office Mobile Number
1	Zonal Health Officer	Zone VIII	9445190068
2	Veterinary Surgeon	Zone VIII	9384858572
3	Junior Entomologist	Zone VIII	9841320440
4	Sanitary Officer	Unit 21	9444141920
5	Sanitary Officer	Unit 22	7200013144
6	Sanitary Officer	Unit 23	8754419558

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,

Sl. No.	Team member contact No.	Equipment available	Area of operation
1	Park Oversear 9445467388	Tree Pruner-4 Power Saw–20	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.

Sl. No	Ward No	Ward Name	Name/Location of the Park
3	96	Ayanavaram	United India Nagar (JeevaPark), 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 (OSRlandpark), Ayanavaram, Chennai - 23.
7	98	Ayanavaram	Thiruvallavur Nagar (Solaimmankoilst), Ayanavaram, Chennai - 23.
8	99	Purasaiwalkam	Nehru Park, PHRoad
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	Airindiapark, Harleys Lane, Kilpauk, Chennai-10.
15	100	Kilpauk	Kences Parkat EVR Lane, Kilpauk, Chennai-10.
16	100	Kilpauk	Prof.Subramaniam Park, Prof.Subramaniam Street, Kilpauk, Chennai - 10.
17	101	Anna Nagar	G-BlockPark, Anna Nagar East, Chennai-102.
18	101	Anna Nagar	ScattingPark, PullaAvenue, Shenoy Nagar, Chennai- 30.
19	101	AnnaNagar	Inner Circularroad, 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, AnnaNagar,
24	103	Anna Nagar	AL-Block 14th Main Road, Anna Nagar, Chennai-40.
25	103	Anna Nagar	7th mainroad, 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.

Sl. 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	Anna Nagar	Metro Zone, Pillayar Koil Street, Extension
34	106	Aminjikarai	MMDA Colony R Block
35	107	Aminjikarai	Metal Factory Road, Aminjikarai
36	107	Aminjikarai	Nelson Manickkam Roadnear MGM Health Care
37	107	Aminjikarai	Nelson Manickam Road (115), Aminjikarai
38	107	Aminjikarai	Nelson Manickam Road (Krishnabuilding 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 (NearTBHospital), 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 Annanagar 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,

Sl. No.	Ward No	Pumping Station	Motor with HP	No. of pumps
1	94	North Jaganatha Nagar	Diesel 14HP-1 No	1
2	95	Chennai Battai Road	Nil	0
3	96	Gandhi Nagar	Diesel 7.5HP-1No	1
4	97	Sabapathy Street	Diesel 10HP-2Nos Diesel 5HP-1No	3
5	98	Konnur High Road	Electrical 2HP-1No	1
6	99	Sastri Nagar	Petrol 5HP-1 No	1

Sl. No.	Ward No	Pumping Station	Motor with HP	No. of pumps
7	100	Temple Street	Diesel 5HP-2Nos	2
8	101	Cemetery Road	Diesel 5HP-1No	1
9	102	Crescent Road	Diesel 5HP-2Nos	2
10	103	Anna Arch	Electrical 10HP-1No	1
11	104	H Block 15th Street	Nil	0
12	105	Kannagi Street	Diesel 5HP-1No	1
13	106	MGR 3rd Street	Diesel 10HP-1No	1
14	107	Gnana Vinayagar Koil Street	Nil	0
15	108	Pumping Station Road	Diesel 7.5 HP - 1 No	1
Total				16

Tamilnadu Urban Habitat Development Board

There are 15 TNUHDB tenements in Gandhinagar, 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,

Sl. 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	104	N.V.N Nagar	1024	5000
5	103	7th main Road (Brevery Road Tenements)	192	768
6	102	New Avadi Road (Dr. Ambedkar Nagar)	512	2048

Sl. No.	Ward No.	Tenement location	No. of tenement	Population
7	102	Brewary Road	144	576
8	102	IInd 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	Sanitary Officer	Unit 21	9444141920
Conservancy/ GCC	Sanitary Officer	Unit 22	7200013144
Conservancy/ GCC	Sanitary Officer	Unit 23	8754419558
Water Supply & Sewage/ CMWSSB	Assistant Engineer	Area Engineer	8144930908
TNUHDB	ExecutiveEngineer	Zone VIII	9445074764

Water Bodies and Waterways

There are 2 Canals (1) Otteri Nullah maintained by GCC which originates from Villivakkam travels about 8.00 km within the zone upto Semmanpettai and disposes into Coovumriver. (2) Virugambakkam canal maintained by GCC 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 de- silting work is done by GCC in the canal. Cleaning and de-silting 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 165.75 km to ease the flow of rain water.

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

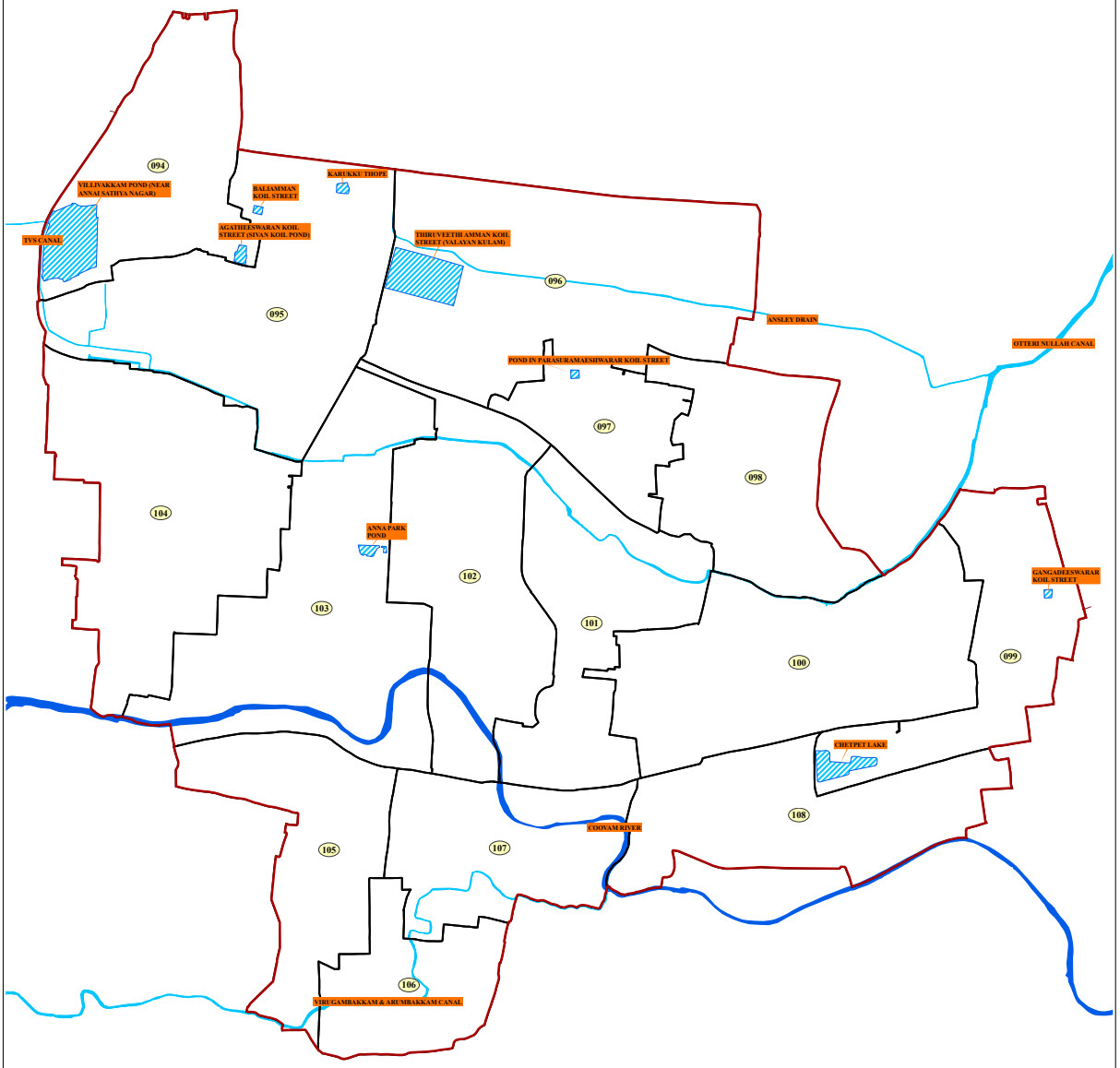
Canals & Rivers

Sl. No	Name of the Water Course	Wards Covered	From	To	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	Thirukumara puram	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 M^2
1	94	Villivakkam	Annai Sathya Nagar (Villivakkam Pond)	15 Acre
2	94	Villivakkam	Agatheeswaran Koil Street (Sivan Koilpond)	800
3	95	Villivakkam	Damodharan Perumal Koil Street (Perumal Koil Pond)	750
4	95	Villivakkam	Thiruveethi Amman Koil Street (Valayan Kulam)	625
5	98	Ayanavaram	Kasi Viswanathasamy KoilPond, Ayanavaram	2500
6	97	Ayanavaram	Pondin Parasuramaeshwarar Koil Street	450
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	2047
10	99	Purasaiwalakam	Pondin Gangadeeswarar Koil Street	900
11	108	Purasaiwalakam	Chetpet Lake	15 Acre

GREATER CHENNAI CORPORATION
ZONE - VIII - WATER BODIES



ZONE - VIII - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER

ZONE - VIII - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
08	094	POND	GCC	VILLIVAKKAM POND (NEAR ANNAI SATHYA NAGAR)
08	094	TEMPLE TANK	HR & C	AGATHEESWARAN KOIL STREET (SIVAN KOIL POND)
08	095	TEMPLE TANK	HR & C	BALIAMMAN KOIL STREET
08	095	POND	GCC	KARUKKU THOPE
08	095	POND	RAILWAY	THIRUVEETHI AMMAN KOIL STREET (VALAYAN KULAM)
08	097	TEMPLE TANK	HR & C	POND IN PARASURAMAESHWARAR KOIL STREET
08	099	LAKE	PWD	CHETPET LAKE
08	099	TEMPLE TANK	HR & C	GANGADEESWARAR KOIL STREET
08	103	POND	GCC	ANNA PARK POND

ZONE - VIII - CANALS

ZONE	WARD	NAME OF THE CANAL
4,6,8	46,71,72,73,74,7	OTTERI NULLAH CANAL
6,8	70,74,75,95,96	ANSLEY DRAIN
7,8	88,94	TVS CANAL
8,9,10,11	105,106,107,109	VIRUGAMBAKKAM & ARUMBAKKAM CANAL

LEGEND :

- POND/LAKE/TEMPLE POND
- CANAL
- RIVER
- WARD
- ZONE

Disclaimer: This map is belongs to GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data's accuracy is subject to field verification.

GCC, GIS Cell DRAFT COPY 2026

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.

661 storm water drains to a length of 169.70 km were constructed to ease the flow of rain water in Anna nagar zone. The details of SWD are given below.

Sl. No.	Ward No./Name	No. of Drains	Length in km
1	94	52	12.72
2	95	55	12.19
3	96	9	4.31
4	97	29	6.02
5	98	25	7.96
6	99	24	5.83
7	100	47	13.77
8	101	26	8.21
9	102	63	17.74
10	103	51	24.67
11	104	118	23.66
12	105	35	7.67
13	106	36	8.24
14	107	52	8.18
15	108	39	8.53
TOTAL		661	169.70

Water stagnated streets in the previousmonsoon-heavy rain

During the last monsoon, 29 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 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,

Sl. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	95	Thanthoniamman Koil Street	7.5HP	Thanthoniamman Koil Street	SWD
2	95	WelcomeColony	7.5HP	WelcomeColony	SWD
3	95	Vijayalakshmipuram 1 to 3 Streets & Thanthoniamman Extn., lane	7.5HP	Vijayalakshmi puram 1 to 3 Streets & Thanthoniamman Extn., lane	SWD
4	95	Bajanai Koil Street	7.5HP	BajanaiKoilStreet	SWD
5	96	Konnur High Road		KonnurHighRoad	SWD
6	96	Kakkanji Nagar & Gan- dhi Nagar	10HP	KakkanjiNagar& Gandhi Nagar	SWD
7	97	Veerasamy Main Street	7.5HP	VeerasamyMain Street	SWD
8	97	P.E.KoilWestMada Street	3 HP	P.E.KoilWestMada Street	SWD
9	103	ADBlock		ADBlock	SWD
10	102	C Block	7.5HP	C Block	SWD
11	102	W Block		W Block	SWD
12	102	Bharathipuram Main Street	7.5HP- 2	Bharathipuram Main Street	SWD
13	102	Bharathipuram 4th Street	7.5HP- 2	Bharathipuram 4th Street	SWD
14	102	F Block 2nd & 4th Street	7.5HP- 2	FBlock2nd&4th Street	SWD
15	102	Muthumariamman Colony	7.5HP-2	Muthu mariamman Colony	SWD
16	100	Millers Road	10HP, 17.5HP	Millers Road	SWD
17	100	Purasaiwalkam High Road (near Law Col- lege)	7.5HP, 7.5HP- 3	Purasaiwalkam High Road (near Law Col- lege)	SWD
18	100	Rajarathinam Street	7.5HP	Rajarathinam Street	SWD
19	100	Kellys Road	7.5 HP– 2, 5 HP	Kellys Road	SWD
20	99	Sundaram Lane	7.5HP	Sundaram Lane	SWD

Sl. No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
21	99	Ozone Kulam Tenements	40HP	Os one Kulam Tene- ments	SWD
22	99	New Bhoopathy Nagar	7.5HP	New Bhoopathy Nagar 7th street	SWD
23	99	Sastri Nagar	7.5HP	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	10HP- 2	Water Tank Road	SWD
27	108	MC Nichols 3rd Lane	5 HP	MC Nichols 3rd Lane	SWD
28	106	Iyyappa Nagar	5 HP	Iyyappa Nagar	SWD
29	106	Periyar Pathai	3 HP	Periyar Pathai	SWD



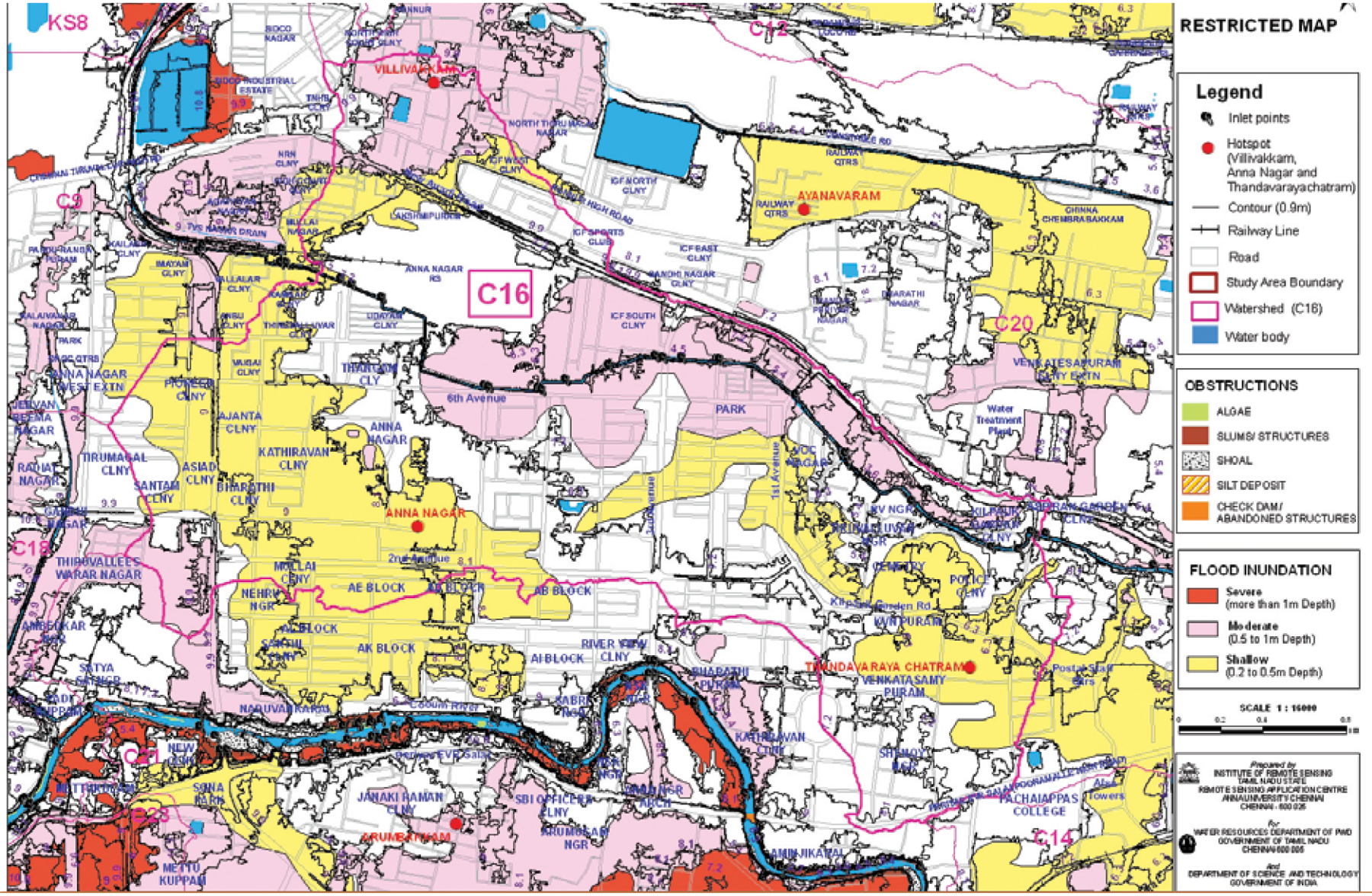
Ward 103, Purasaivakkam High Road



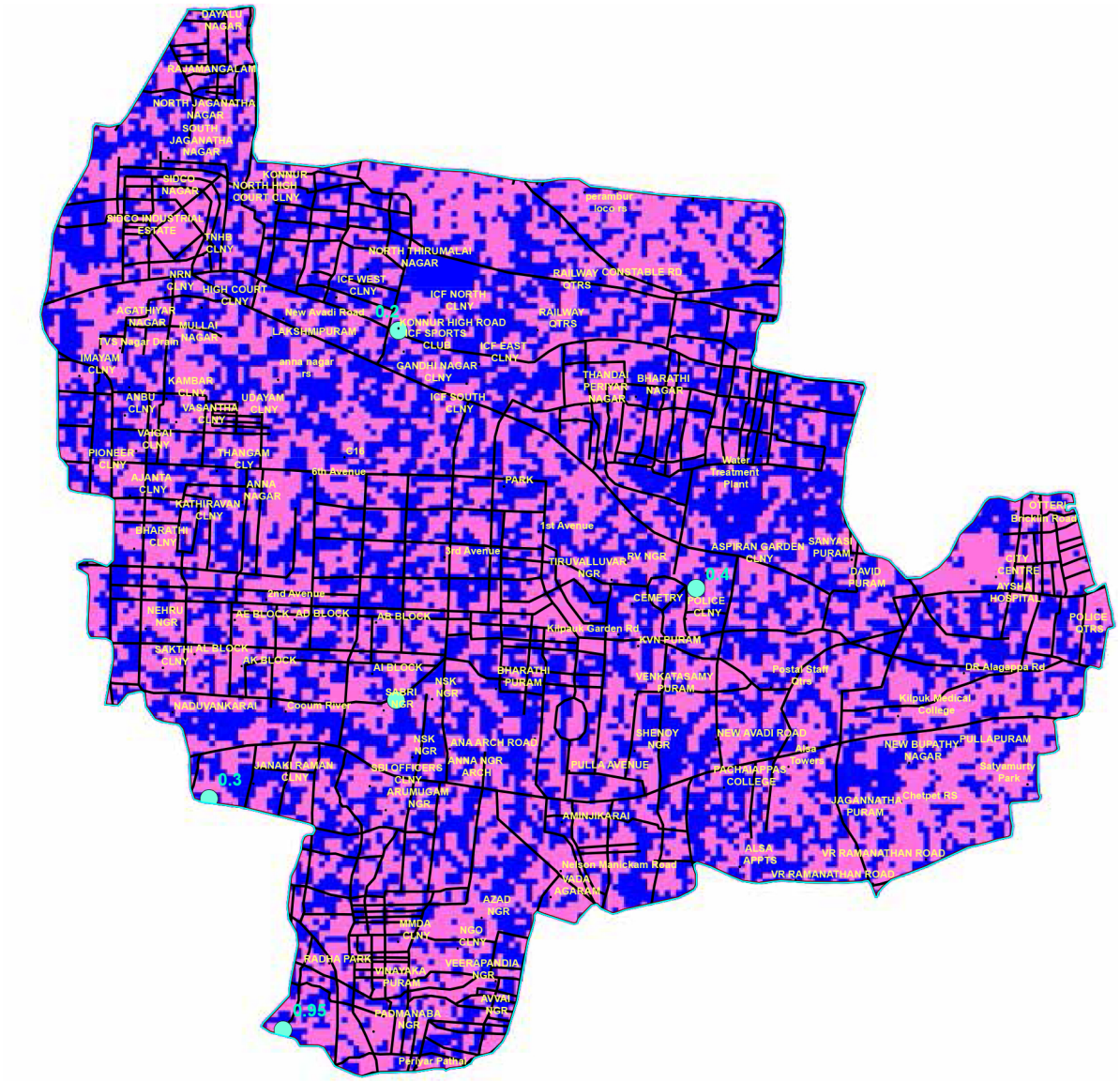
Ward 103, Millers Road

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 Micro wave satellite map showing inundation extenton 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna Universityis matching more or less withthe 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 GCCmap are given below for clarity and understanding.

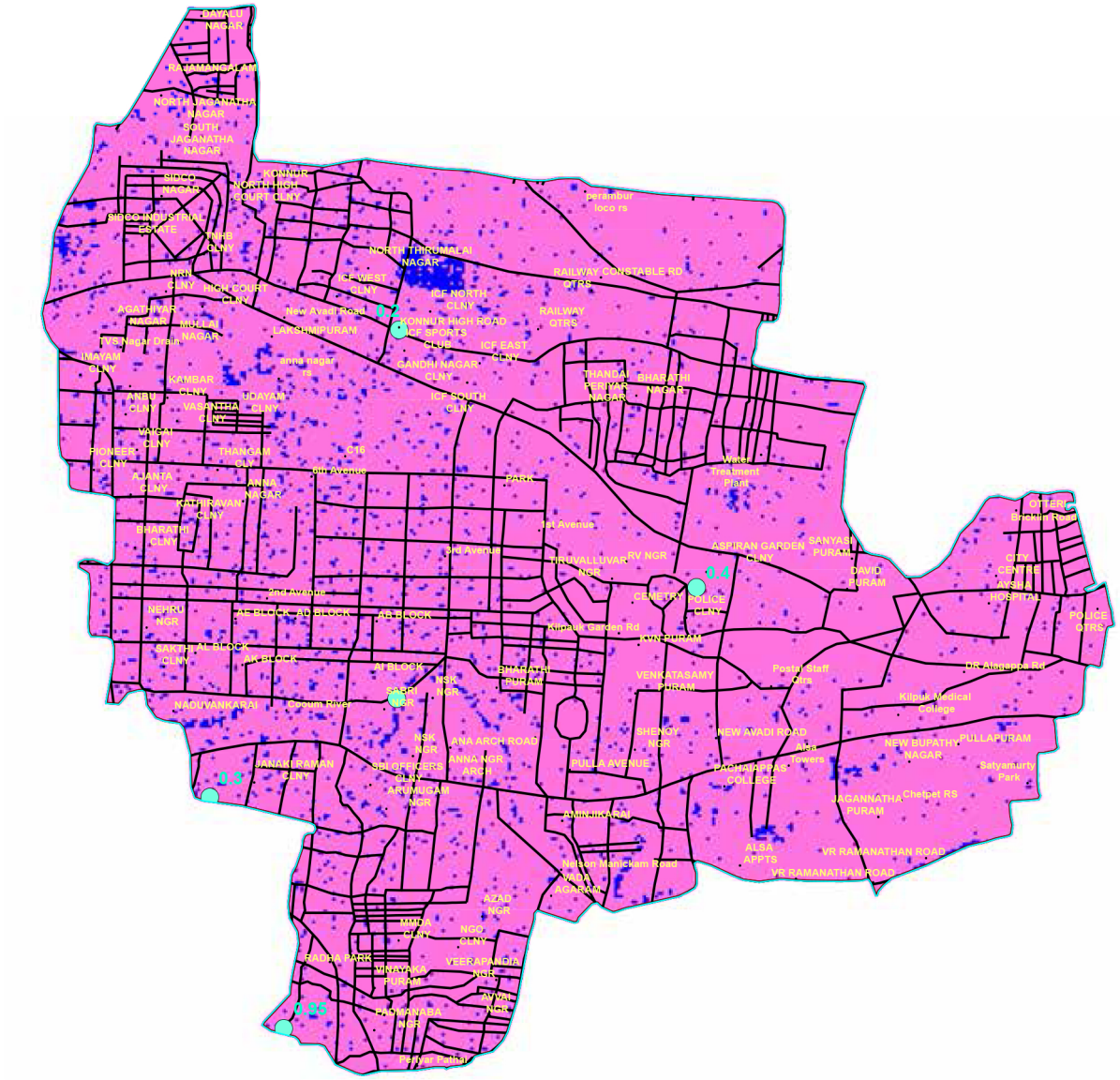
FLOOD INUNDATION MAP FOR ANNA NAGAR IN 2005



INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



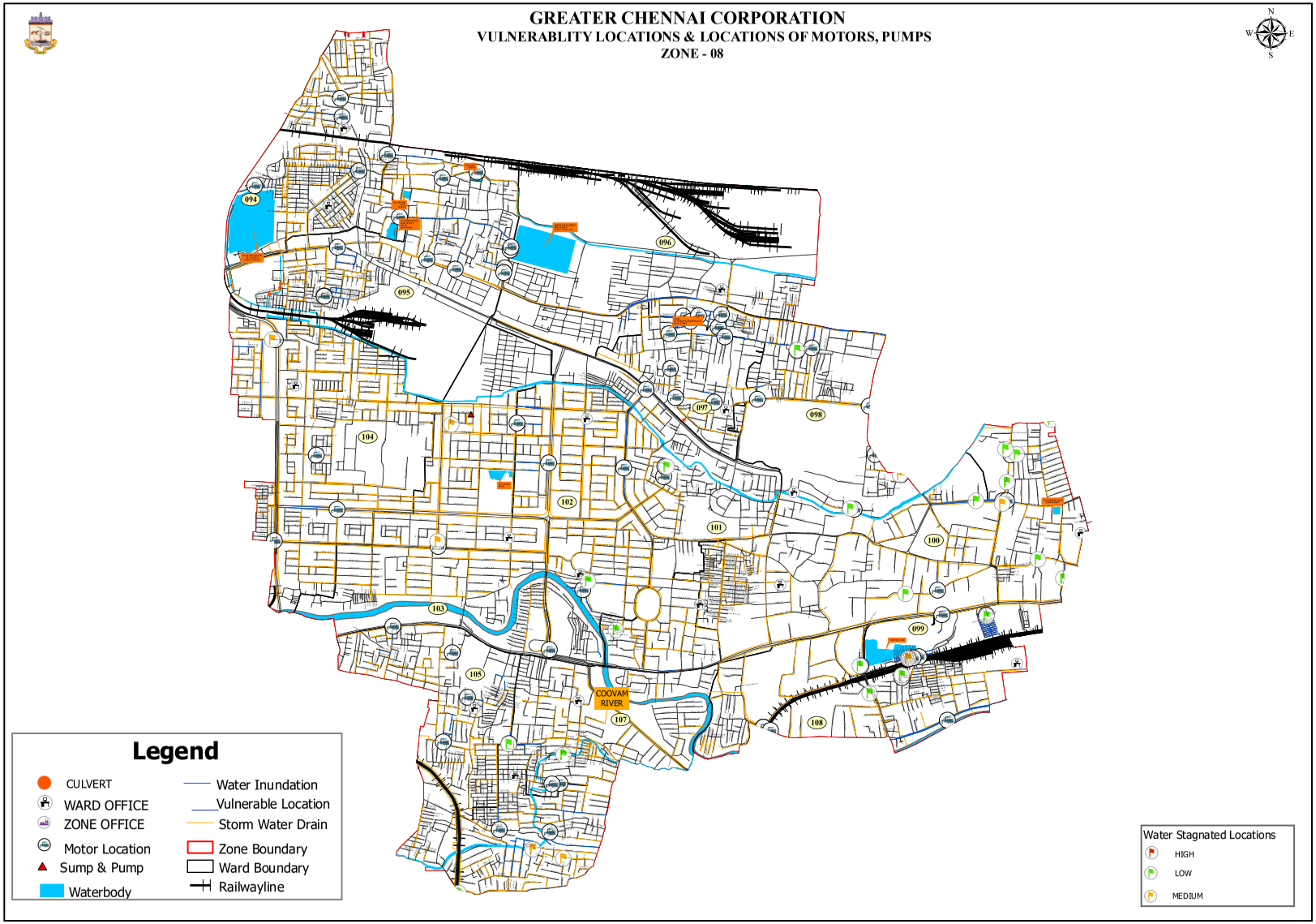
INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 08



GCC - GIS Cell

Draft Copy

Water stagnated streets in the previous monsoon-Mild rain

S.No.	Ward	Name of the Street
1	104	Ishwarya Kudiruppu
2	95	Seeyalam Street
3	97	P.E Koil West Mada street
4	102	Bharathipuram 4th Street
5	102	FBlock 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 2nd street
2	96	Kakkanji Nagar &Gandhi nagar
3	97	Veerasamy main street
4	97	Solai 3rd 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

Sl. No.	Ward No./ Name	Name of the Streets	No. of Man holes
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 toatotal 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.

Sl. 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.
1	94	850	Singaram Pillaischool, CMS, West MadaStreet, Villivakkam	AnnaiSathyaNagar, Amman Kuttai and BharathiNagar	Yes	Yes	No	Sanitation, Medicine	SI	8754553758
								Evacuation	AE	9445190394
								Food & Drinkingwater	ARO	9840183314
								Relief Materials	AE	9445190394
2	95	500	Kangadurga School	Vijayalakshmipuram, Welcome Colony, Bajanai koil street, Thanthoniammankoil street	Yes	Yes	No	Sanitation, Medicine	SI	8072953367
								Evacuation	AE	9445190395
								Food & Drinkingwater	ARO	9840183314
								Relief Materials	AE	9445190395
3	98	50	Community Hall	Lockma Nagar Aynavaram, Chennai - 23	Yes	Yes	No	Sanitation, Medicine	SI	9894704655
								Evacuation	AE	9445190398
								Food & Drinkingwater	ARO	9566043672
								Relief Materials	AE	9445190398
4	98	50	Chennai PrimarySchool	PalavayalStreet	Yes	yes	No	Sanitation, Medicine	SI	9894704655
								Evacuation	AE	9445190398
								Food & Drinkingwater	ARO	8148746402
								Relief Materials	AE	9445190398
5	99	300	CHSS Gangadeeswarar koil street	Sundaram Pillai Street, Purasaiwakkam Chennai-84	Yes	Yes	No	Sanitation, Medicine	SI	9884546562
								Evacuation	AE	9445190399
								Food & Drinkingwater	ARO	8148746402
								Relief Materials	AE	9445190399

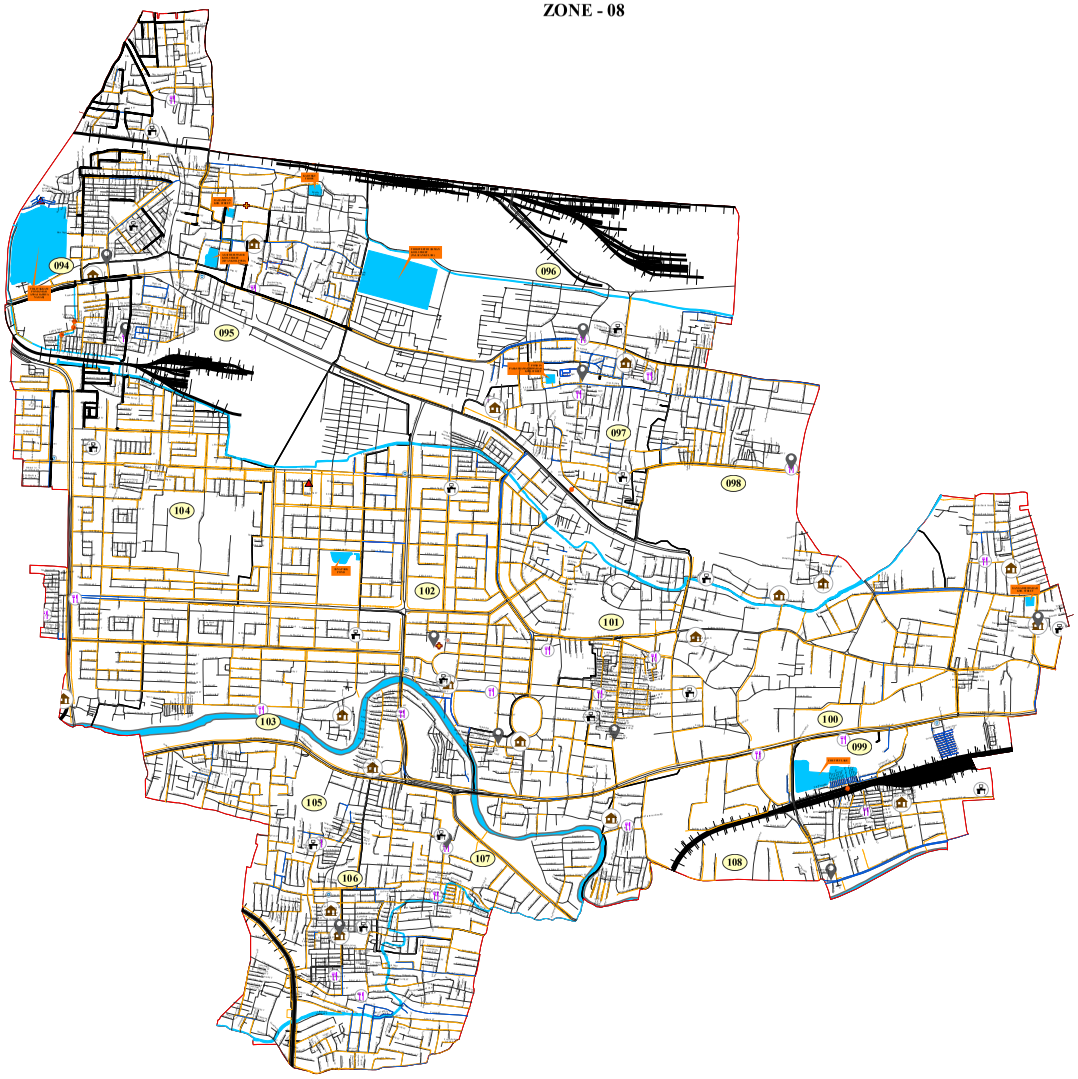
6	100	100	CHS, Thiyagappa Street	TP Chatiram	Yes	Yes	No	Sanitation, Medicine	SI	6382972387
								Evacuation	AE	9445190400
								Food & Drink-ingwater	ARO	8148746402
								Relief Materi-als	AE	9445190400
7	101	600	Girls Hr Sec School, Pulla Av-enue, Manjakollai Kathiravan Colony, Gujji Corporation MiddleSchool	Manjakollai Kathira-van Colony, Gajal-akshmiColony	Yes	Yes	No	Sanitation, Medicine	SI	9626637399
								Evacuation	AE	9600482735
								Food & Drink-ingwater	ARO	8148746402
								Relief Materi-als	AE	9445190401
8	102	100	CPS,Brewery Salai	Bharathipuram,	Yes	Yes	No	Sanitation, Medicine	SI	9342496247
								Evacuation	AE	9445190402
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190402
9	103	100	CPS,Natthamuni Street, Naduvan-karai	MoovendarNagar, MGR Nagar	Yes	Yes	No	Sanitation, Medicine	SI	9629987460
								Evacuation	AE	9445190403
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190403
10	103	100	CPS,NSK Nagar	Nsk Nagar	Yes	Yes	No	Sanitation, Medicine	SI	9629987460
								Evacuation	AE	9445190403
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190403
11	104	300	Evangulate Church,VR Mahal	SathyaSaiNagar	Yes	Yes	No	Sanitation, Medicine	SI	9655859287
								Evacuation	AE	9445190404
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190404
12	105	150	CBlock,MMDA Middle School	AshokaStreet	Yes	Yes	No	Sanitation, Medicine	SI	9159991957
								Evacuation	AE	9445190405
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190405

13	105	500	Community Hall,MMDA Colony	MMDAColony	Yes	Yes	Yes	Sanitation, Medicine	SI	9159991957
								Evacuation	AE	9445190405
								Food & Drink-ingwater	ARO	9840183314
								Relief Materi-als	AE	9445190405
14	108	200	CHS, Subburayan Street	Avvaipuram,Mayor Sathyamoorthy Salai,Appa rao Garden	Yes	Yes	No	Sanitation, Medicine	SI	8825640520
								Evacuation	AE	9445190408
								Food & Drink-ingwater	ARO	8148746402
								Relief Materi-als	AE	9445190408

GREATER CHENNAI CORPORATION

PRE - MONSOON PREPAREDNESS MAP - 2026

ZONE - 08



Disclaimer: This map belongs to GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data accuracy is subject to field verification.

GCC - GIS Cell

Draft Copy

OCT - 2024

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.

Sl. No.	Name	Length of the subway in "m"	Pumped water disposal point	Number of pumpsets installed - regular/ standby to pump out water
1	Ward 94, Villivakkam Subway	650	SWD	25HP(Submersible-3 Nos) 22HP(Submersible-1 No) 10HP(Submersible-4 Nos) 7.5H(Diesel-1 No)
2	Ward 108, Harrington Subway	300	Coovum River	10HP(Submersible-5 Nos) 7.5HP(Submersible-2 Nos) 16HP(Submersible-1 No)



Ward 94, Villivakkam Subway



Ward 108, Harrington Road Subway

Tree fall

During the last monsoon, in Annanagar zone totally 138 trees / treebranches 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,

Sl. No.	WardNo./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 Nagar3rd Street, Kumarasamy Nagar, I Block 36thStreet, Thiruveethi- amman Koil Street, Sannathi Street, New Avadi Road, IBlock 7th Street, 21stMain Road, 18thMain Road, Mullai Nagar 3rdStreet, Rajiv Gandhi Nagar 2nd Street, Thanthoni Amman KoilStreet, 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.KoilStreet, Palayampilai Nagar, Vellala Street, Kamaraj Street, Chakravarthy Nagar
5	98/ Ayanavaram	Police Manickam Street, VP Colony Extn.,, Aspiran Garden 1st Street
6	104/ AnnaNagar	J Block 8th Street, J Block 4th Street, Z Block 13th Street, U Block10th Street, NVNNagar, TVNagar, HBlock 4th Street, Mangalam Colony, PWD Quarters, HBlock 5th Street, School Road

Sl. No.	Ward No./ Name	Name of the Streets
7	103/ Anna Nagar	5th Avenue, S Block 21st Street, S Block 2nd Street, 5th Main Road, 2nd Avenue
8	102/ Anna Nagar	6th Avenue, 2nd Main Road, Brewary Road, 3rd Avenue, R Block, T Block 1st Street, T Block 8th Street, F Block 20th Street, Q Block
9	101/ Aminjikarai	Mandapam Road, PullaAvenue,1stAvenue,1stMain Road, Kilpauk Garden Road, Jothiammal Nagar, TPChatram Main Road, R.V.Nagar Main Road, RVNagar 3rd Street, RVNagar 4th Street, RV Nagar 5th Street, VOC Colony
10	100/ Kilpauk	Kellys Road, Millers Road, Purasaiwalkam High Road (near Law College Hostel), Harleys Road (near Bala Vihar School), Dhamodaran Street
11	99/ Pura-saiwalkam	Sundaram Lane, New Bhoopathy Nagar, Ozonekulam, 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	MethaNagar, VallalarStreet, 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-donot 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 today activity of 369 people were stand stilled. Flood water from thes eareas were cleared by using 29 pumps ranging from 2HP to 7.5HP capacity. The identified vulnerable spots is as below,

Sl. No.	Ward No./ Name	Streets where water enters house-not 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/ Kilpauk	Purasaiwalkam High Road (nearLaw 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	Os one 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	Iyyappa Nagar
27	106/ MMDA Colony	Periyar Pathai

Streets that require evacuation

During the heavy flood that occurred in 2015, inAnna 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 25days. Thedetails are given below.

Sl 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 Palavayal School, Aynavaram
4	104/Anna Nagar	SathyasaiNagar	300	2015-16	Sathyasai Nagar Church
5	103/ 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	102/ Anna Nagar	Bharathipuram, Muthumariamman Colony, Muthumariamman Koil Street, AB Block	585	2015-16	Thiru.Vi.KaHigher Secondary School, Periakoodal Corporation School, Anna Sidha Hospital, Sundaravadanam School, Kandasamy Naidu College
7	101/ Aminjikarai	Manjakollai, Kathiravan Colony, Gajalakshmi Colony,	8000	2015-16	Girls Higher Secondary School, Pulla Avenue, Manjakollai, Kathiravan Colony Chennai Middle School, GujjiCorporation Middle School
8	105/ Arumbakkam	Ashoka Street	2000	2015-16	CBlock, MMDA Middle School

Sl No	WardNo./ 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	108/ 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.

Sl. No.	Ward	Contact person	
		Designation	Phonenumber
1	94, 95	Assistant Engineer	9445190935
2	96,97,98	Assistant Engineer	9445477697
3	99,100	Assistant Engineer	9445191462
4	101,108	Junior Engineer	9445190938
5	104	Assistant Engineer	9445026123
6	102,103	Assistant Engineer	9445190937
7	105,106,107	Assistant Engineer	9445190936
8	94to108	Additionaldivisional Engineer (Zone)	9445190048
9	94to108	Divisional Engineer (HQ)	9445190754

National Disaster Response Force (NDRF)

In Annanagar zone, the NDRF to bestationed locations is given below,

Sl.No.	Ward No.	Where NDRF to bes tationed 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–631152

PhoneNo.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 invicinity off looded 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 Ward 94, Sidco Nagar marooned are as and to arranges helters & food for the rescueteams.The details of boats required along with the stationed locations are given below.

Sl. No.	Ward No.	Number of boats required with location / evacuation areas	Contact No
1	98	Aspiran Garden	Assistant Engineer 9445190398
2	99	Bricklin Road	Assistant Engineer 9445190399
3	101	Mandapam Road	Assistant Engineer 9445190401
4	103	S Block	Assistant Engineer 9445190403
5	107	Azad Nagar	Assistant Engineer 9445190407

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	-9
Skidsteer loaders (Bob cat)-	5
(Front end loader) JCB	-1

Assistant Engineer contact No.	JCB	Bobcat	Openlorry	Water tanker Lorry	Hydraulic Ladder
9445190494	1	5	9	1	-

Less than 2.5m streets that cannot be accessed byVehicles

Sl.No.	Ward No./ Name	Name of the Streets
1.	101/Anna Nagar	PPThottam
2	101/Anna Nagar	MM Colony

Ward Committee

It is to be noted that the responsibilitiesof each officers are well described in the page number 163 of this booklet. The respective officers/staff may be take non board to Address the issues per taining to them.

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

Ward Committee – 94 Ward Councillor- 9445467094

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190394
GCC-Electrical	Assistant Engineer	9445190935
GCC- Health	Sanitary Inspector	8754553758
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025894
GCC-Revenue	Tax Collector	9840389925
Revenue	Revenue Inspector	9384094057
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930094
TANGEDCO	Assistant Engineer	9445850869
BSNL	Assistant Engineer	9445066444
Fire service	Inspector	9941985545
Police station	Inspector	V1- 9498126327, V4-7358079703
PWD	Assistant Engineer	9842530339
TNSCB	Assistant Engineer	6381728841
Highways	Assistant Engineer	9952924120

Ward Committee – 95 **Ward Councillor- 9445467095**

Name of the department	Designation	Contact Number
GCC-Electrical	Assistant Engineer	9445190395
GCC- Health	Sanitary Inspector	9445190935
GCC-Veterinary	Veterinary Assistant Surgeon	8072953367
GCC-Solidwastemanagement	Sanitary Inspector	9384858572
GCC-Revenue	TaxCollector	9445025895
Revenue	RevenueInspector	9940499680
GCC-Park overseer	Park Supervisor	9384094057
CMWSSB	Assistant Engineer	9445467388
TANGEDCO	Assistant Engineer	8144930095
BSNL	Assistant Engineer	ICF-9445850866
Fireservice	Inspector	9941985545
Policestation	Inspector	V1- 9498126327
Inspector	V1- 9498126327	V5 -9498129429
V5 -9498129429		K7- 9840213451
K7- 9840213451		9842530339
PWD	Assistant Engineer	6381728841
TNSCB	Assistant Engineer	9952924120
Highways	Assistant Engineer	9952924120

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	9941294891
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025896
GCC-Revenue	TaxCollector	9789800407
Revenue	RevenueInspector	9384094058
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930096
TANGEDCO	Assistant Engineer	9445850870 9445850868
BSNL	Assistant Engineer	9436155510
Fire service	Inspector	9941985545
Police station	Inspector	K7- 9840213451 K2-9498138017
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9094219621
Highways	Assistant Engineer	9566215665

Ward Committee- 97 **Ward Councillor-9445467097**

Name of the department	Designation	Contact Number
GCC-Engineering	Junior Engineer	9445190397
GCC-Electrical	JuniorEngineer	9445477697
GCC- Health	Sanitary Inspector	8489750318
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025897
GCC-Revenue	Tax Collector	7299336643
Revenue	Revenue Inspector	9384094058
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930097
TANGEDCO	Assistant Engineer	9445850868
BSNL	Assistant Engineer	9436155510
Fire service	Inspector	9941985545
Police station	Inspector	K2-9498138017
PWD	Assistant Engineer	9842530339
TNSCB	Assistant Engineer	9791324160
Highways	Assistant Engineer	9566215665

Ward committee- 98 **Ward Councillor-9445467098**

Name of the department	Designation	Contact Number
GCC-Engineering	Junior Engineer	9445190398
GCC-Electrical	JuniorEngineer	9445477697
GCC- Health	Sanitary Inspector	9894704655
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025898
GCC-Revenue	Tax Collector	7299336643
Revenue	Revenue Inspector	9384094058
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930098
TANGEDCO	Assistant Engineer	9445850868
BSNL	Assistant Engineer	9436155510
Fireservice	Inspector	9941985545
Policestation	Inspector	K2-9498138017
PWD	Assistant Engineer	9842530339
TNSCB	Assistant Engineer	9791324160
Highways	Assistant Engineer	9566215665

Ward committee- 99 **Ward Councillor-9445467099**

Name of the department	Designation	Contact Number
GCC-Engineering	Junior Engineer	9445190399
GCC-Electrical	JuniorEngineer	9445191462
GCC- Health	Sanitary Inspector	9884546562
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025899
GCC-Revenue	Tax Collector	9840888102
Revenue	Revenue Inspector	9384094028
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930099
TANGEDCO	Assistant Engineer	9445850725
BSNL	Assistant Engineer	8667637070
Fireservice	Inspector	9445086065
Policestation	Inspector	G3- 8668192485
PWD	Assistant Engineer	9842530339
TNSCB	Assistant Engineer	9940866179
Highways	Assistant Engineer	9566215665

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	6382972387
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025900
GCC-Revenue	Tax Collector	9499932744
Revenue	Revenue Inspector	9499932744/ 9384094031
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930100
TANGEDCO	Junior Engineer	9445850722, 9445850723
BSNL	Assistant Engineer	8667637070
Fireservice	Inspector	9884197973
Policestation	Inspector	G3- 8668192485 K6- 9894935278
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9787542757
Highways	Assistant Engineer	9566215665

Ward Committee- 101 **Ward Councillor-9445467101**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190401
GCC-Electrical	Junior Engineer	9445190938
GCC- Health	Sanitary Inspector	9626637399
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025901
GCC-Revenue	Tax Collector	9150899821
Revenue	Revenue Inspector	9384094031
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930101
TANGEDCO	Junior Engineer	9445850296
BSNL	Assistant Engineer	9436155510
Fireservice	Inspector	9884197973
Police station	Inspector	K4 - 9941310100 K3 - 9600400280 K6- 9894935278
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9790056080
Highways	Assistant Engineer	9566215665

Ward Committee- 102 **Ward committee- 102**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190402
GCC-Electrical	Assistant Engineer	9445190937
GCC- Health	Sanitary Inspector	9342496247
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025902
GCC-Revenue	TaxCollector	9444305316
Revenue	Revenue Inspector	9384094052
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930102
TANGEDCO	Junior Engineer	9445850296
BSNL	Assistant Engineer	9445066444
Fireservice	Inspector	9884197973
Policestation	Inspector	K4 - 9941310100 K3 - 9600400280
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9790056080
Highways	Assistant Engineer	9566215665

Ward Committee- 103 **Ward committee- 103**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190403
GCC-Electrical	Assistant Engineer	9445190937
GCC- Health	Sanitary Inspector	9629987460
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025903
GCC-Revenue	Tax Collector	9176401107
Revenue	Revenue Inspector	9384094052
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930103
TANGEDCO	Junior Engineer	9445850294 / 9445850295
BSNL	Assistant Engineer	9445066444
Fireservice	Inspector	9884197973
Policestation	Inspector	K4 - 9941310100 K3 - 9600400280, K8 – 9677112230
PWD	Assistant Engineer	9842530339
TNSCB	Assistant Engineer	6381726841
Highways	Assistant Engineer	9566215665

Ward committee- 104 **Ward Councillor-9445467104**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190404
GCC-Electrical	Assistant Engineer	9445026123
GCC- Health	Sanitary Inspector	9655859287
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025904
GCC-Revenue	Tax Collector	9380182879
Revenue	Revenue Inspector	9384094052
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930099, 8144930104
TANGEDCO	Junior Engineer	9445850294/9445850295
BSNL	Assistant Engineer	9445066444
Fireservice	Inspector	9884197973
Policestation	Inspector	V5-9498129429
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9841221632
Highways	Assistant Engineer	9952924120

Ward Committee- 105 **Ward committee- 105**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190405
GCC-Electrical	Assistant Engineer	9445190936
GCC- Health	Sanitary Inspector	9159991957
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025905
GCC-Revenue	Tax Collector	9003066312
Revenue	Revenue Inspector	9003066312
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930105
TANGEDCO	Junior Engineer	9445850301
BSNL	Assistant Engineer	9445019113
Fire service	Inspector	9842696591
Police station	Inspector	K8– 9677112230 F5- 9498195588
PWD	Assistant Engineer	9841651414
TNSCB	Assistant Engineer	6381726841
Highways	Assistant Engineer	9566215665

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	9385880854
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025906
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	9445019113
Fireservice	Inspector	9842696591
Policestation	Inspector	K8– 9677112230 F5- 9498195588 K3- 9600400280
PWD	Assistant Engineer	9841651414
TNSCB	Assistant Engineer	6381726841
Highways	Assistant Engineer	9566215665

Ward Committee -107 **Ward Councillor- 9445467107**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190407
GCC-Electrical	Assistant Engineer	9445190936
GCC- Health	Sanitary Inspector	7358517216
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025907
GCC-Revenue	Tax Collector	7904025380
Revenue	Revenue Inspector	9384094054
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930107
TANGEDCO	Junior Engineer	9445850427
BSNL	Assistant Engineer	9445022403
Fireservice	Inspector	9842696591
Policestation	Inspector	K3- 9600400280
PWD	Assistant Engineer	9841651414
TNSCB	Assistant Engineer	9940582769
Highways	Assistant Engineer	9566215665

Ward Committee-108 **Ward Councillor-9445467108**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190408
GCC-Electrical	Junior Engineer	9445190938
GCC- Health	Sanitary Inspector	8825640520
GCC-Veterinary	Veterinary Assistant Surgeon	9384858572
GCC-Solid waste management	Sanitary Inspector	9445025908
GCC-Revenue	Tax Collector	9176017058
Revenue	Revenue Inspector	9384094032
GCC-Park overseer	Park Supervisor	9445467388
CMWSSB	Assistant Engineer	8144930108
TANGEDCO	Assistant Engineer	9445850301
BSNL	Assistant Engineer	9444743742
Fireservice	Inspector	7904779540
Policestation	Inspector	G7- 9788927989 G3- 8668192485
PWD	Assistant Engineer	9842530339
TNUHDB	Assistant Engineer	9940866179
Highways	Assistant Engineer	9566215665

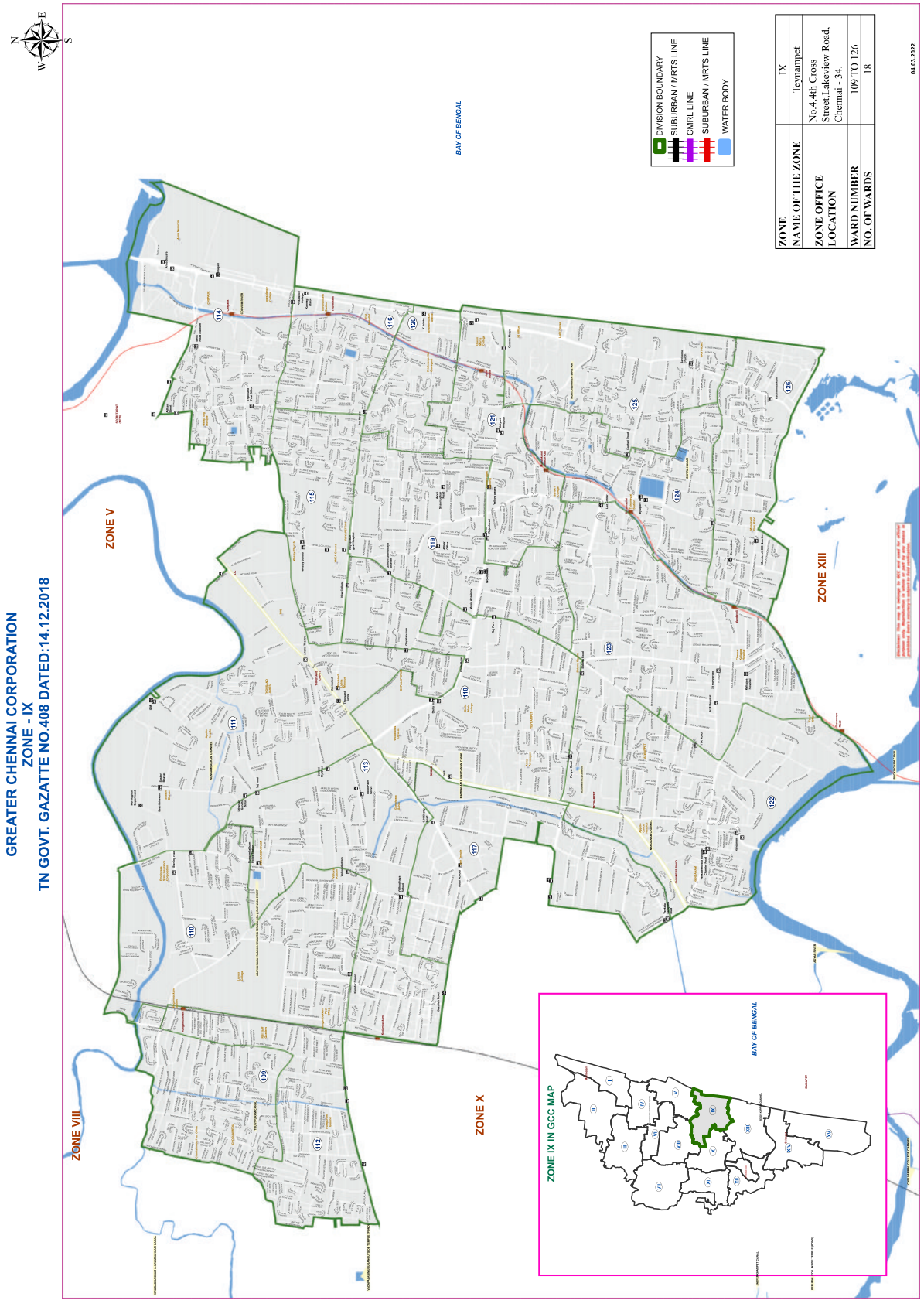
ZONE - IX

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	522
2	Zone Administration	523
3	Public Health & Disease Control	524
4	Parks	525
5	Sewage Pumping Station	526
6	Tamilnadu Urban Habitat Development Board	527
7	Water Bodies and Water ways	529
8	Storm Water Drain	532
9	Water stagnated streets in the previous monsoon - Heavy rain fall	532
10	Water stagnated streets in the previous monsoon - Mild Rain fall	539
11	Water stagnated streets in the previous monsoon - Moderate Rain fall	539
12	Stagnation of water in streets due to sewer block	540
13	Relief centre	541
14	Subway	545
15	Tree fall	545
16	Streets - water entered houses - do not require evacuation	546
17	Streets that require evacuation	547
18	Lighting facilities	548
19	National Disaster Response force	549
20	Rescue Boats	549
21	Transport Equipments & Lorries	551
22	Less than 2.5m streets that cannot be accessed by Vehicles	551
23	Ward Committee	551

TEYNAMPET

ZONE IX - WARD BOUNDARY



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,

Sl. 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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1.	Chairman	109 to 126	9445467114
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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer 1	Z-9(Unit-25,26)	9445190029
2	Executive Engineer 2	Z-9(Unit-24,27)	9445190864
3	Assistant Executive Engineer	Unit - 24	9445190124
4	Assistant Executive Engineer	Unit - 25	9445190125
5	Assistant Executive Engineer	Unit - 26	9445190126
6	Assistant Executive Engineer	Unit - 27	9445190127
7	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.

Sl.No.	Designation	Unit/ Ward. No.	Office Mobile Number
1	Sanitary Officer	Unit - 24	9940335285
2	Sanitary Officer	Unit - 25	9941052844
3	Sanitary Officer	Unit - 26	9940024591
4	Sanitary Officer	Unit - 27	9884886066
5	Sanitory 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 is given below.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	ZHO (incharge)	IX	9445190069
2	ZMO	IX	9445190719
3	VAS	IX	9442817675
4	Sanitary Officer	24 (109,110,111, 118,119)	9940335285
5	Sanitary Officer	25(123,124,125,126)	9941052844
6	Sanitary Officer	26(112,113,117,122)	9940024591
7	Sanitary Officer	27(114,115,116,120, 121)	9884886066

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,

Sl. No.	Team member contact No	Equipment available	Remarks
1	9445194729 Park Overseer	Generator Electrical Saw – 3 Nos Petrol Saw – 31Nos Tree Pruner - 6 Nos	Mobile vehicle
2	For Emergency use in Division	1 Pruner	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	Sathyamoorthy nagar	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	Azad 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	Santhome	City Centre (OSR)
15	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 aregiven below,

Sl. 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 5th 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 1st Street, East Namachivayapuram	20	40 HP
8	Greams Road	15	125 HP, 75 HP-1, 90 HP-2 , 60 HP-1

Tamilnadu Urban Habitat Development Board

There are 17,008 TNUHDB 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,

Sl.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

Sl.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-I	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	9445191424 9445191426 9445191427
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
TNUHDB	Executive Engineer	Slum ward-4,5&6	9445074774, 9445074776, 9842179008
TNUHDB	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 GCC 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

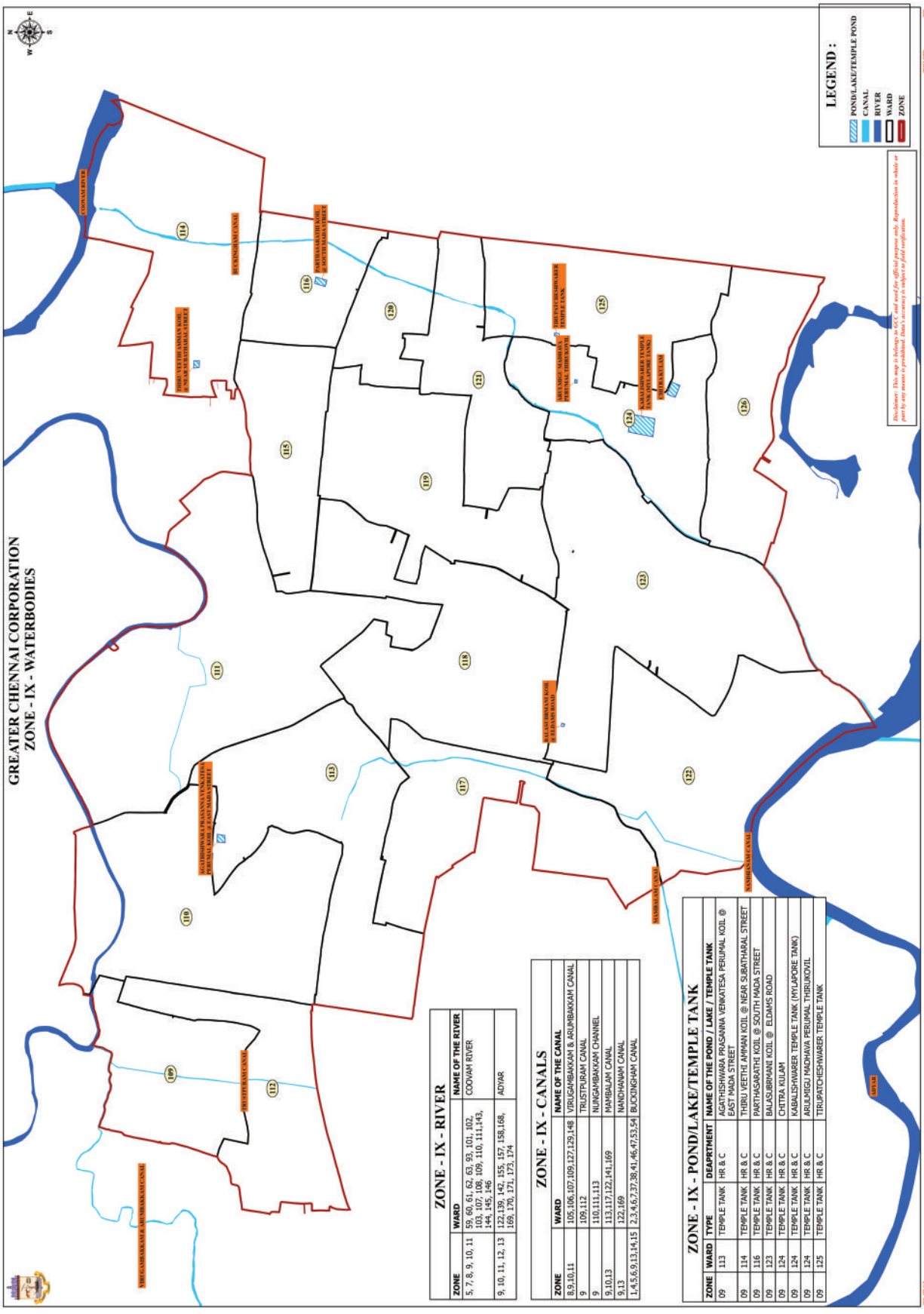
Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	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	Coovam 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

Sl 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 m^2
4	114	Thiru Veethi Amman Koil @ Near Subatharal Street	2438 m^2
5	116	Parthasarathi Koil @ South Mada Street	6798 m^2
6	123	Balasubrmani Koil @ Eldams Road	20860 m^2
7	124	Kabalishwarer Temple Tank (Mylapore Tank)	29304 m^2
8	124	Chitra Kulam	9000 m^2
9	125	Tirupatcheshwarer Temple Tank	8000 m^2

ZONE IX - WATER BODIES



ZONE - IX - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

ZONE - IX - CANALS

ZONE	WARD	NAME OF THE CANAL
8,9,10,11	105,106,107,109,127,129,148	VIRUGAMBAKKAM & ARUMBAKKAM CANAL
9	109,112	TRUSTPURAM CANAL
9	110,111,113	NUNGAMBAKKAM CHANNEL
9,10,13	113,117,122,141,169	MANBALAM CANAL
9,13	122,169	NANDHANAM CANAL
1,4,5,6,9,13,14,15	2,3,4,6,7,37,38,41,46,47,53,54	BUCKINGHAM CANAL

ZONE - IX - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
09	113	TEMPLE TANK	HR & C	AGATHISHWARA PRASANNA VENKATESA PERUMAL KOIL @ EAST MADA STREET
09	114	TEMPLE TANK	HR & C	THIRU VEETHI AMMAN KOIL @ NEAR SUBATHARAL STREET
09	116	TEMPLE TANK	HR & C	PARTHASARATHI KOIL @ SOUTH MADA STREET
09	123	TEMPLE TANK	HR & C	BALASUBRMANI KOIL @ ELDAMS ROAD
09	124	TEMPLE TANK	HR & C	CHITRA KULAM
09	124	TEMPLE TANK	HR & C	KABALISHWARER TEMPLE TANK (MYLAPORE TANK)
09	124	TEMPLE TANK	HR & C	ARULMIGU MADHAVA PERUMAL THIRUKOVIL
09	125	TEMPLE TANK	HR & C	TIRUPATCHESHWARER TEMPLE TANK

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.

Sl. 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 monsoon 2015 - heavy rain

During the last monsoon, 16 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 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,

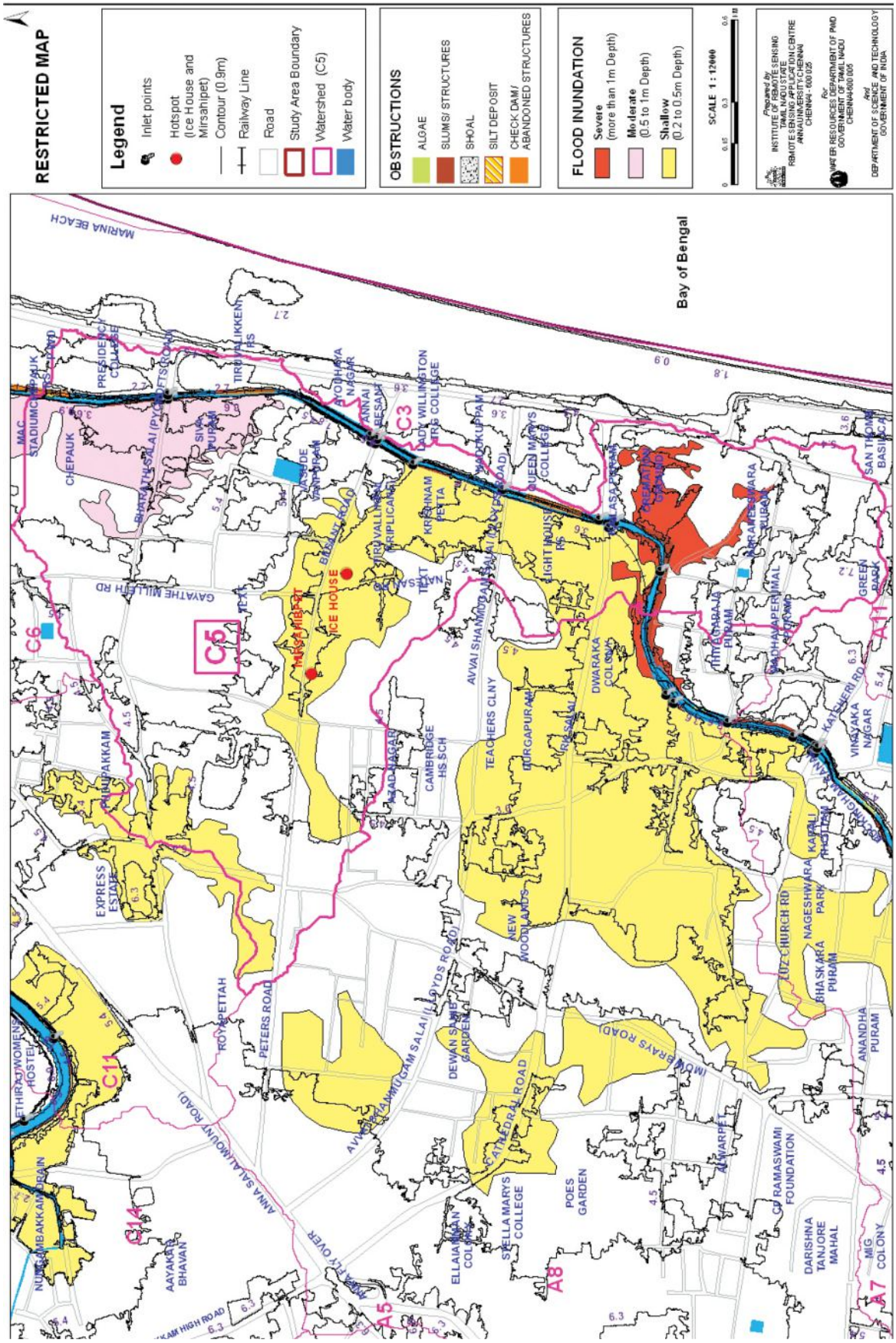
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	113-Nakkeran Nagar	Habibullah Road	5 HP& 40HP	Habibullah Road	Mambalam Canal
2	117-Sathyamoorthy Nagar	G.N.Chetty Road	5 HP& 40HP	G.N.Chetty Road	Mambalam Canal
3	122- Alwarpet	PasumponMuthu Ramalinga (D) Salai	5HP	PasumponMuthu Ramalinga (D) Salai	Mambalam 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	Ramakrishna-puram	5HP	Ramakrishna-puram	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	111-Thousand Light	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

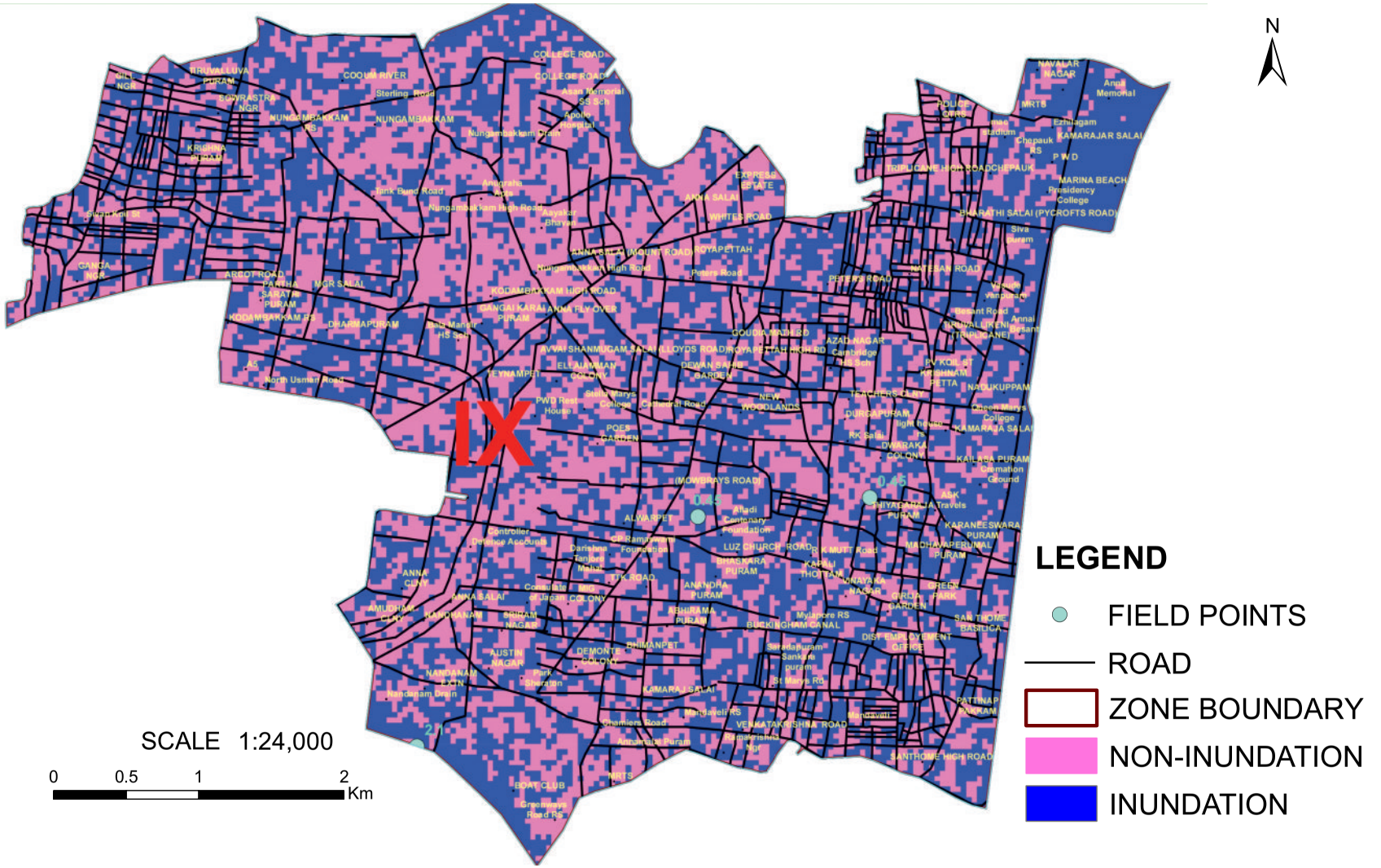


Anna University has mapped the areas inundated in this Zone during 2005 flood by crowd source method. The RISAT Microwave satellite map showing inundation extent on 3rd December 2015 and 7th December 2015 taken by Institute of Remote Sensing, Anna University is matching more or less with the inundation 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.

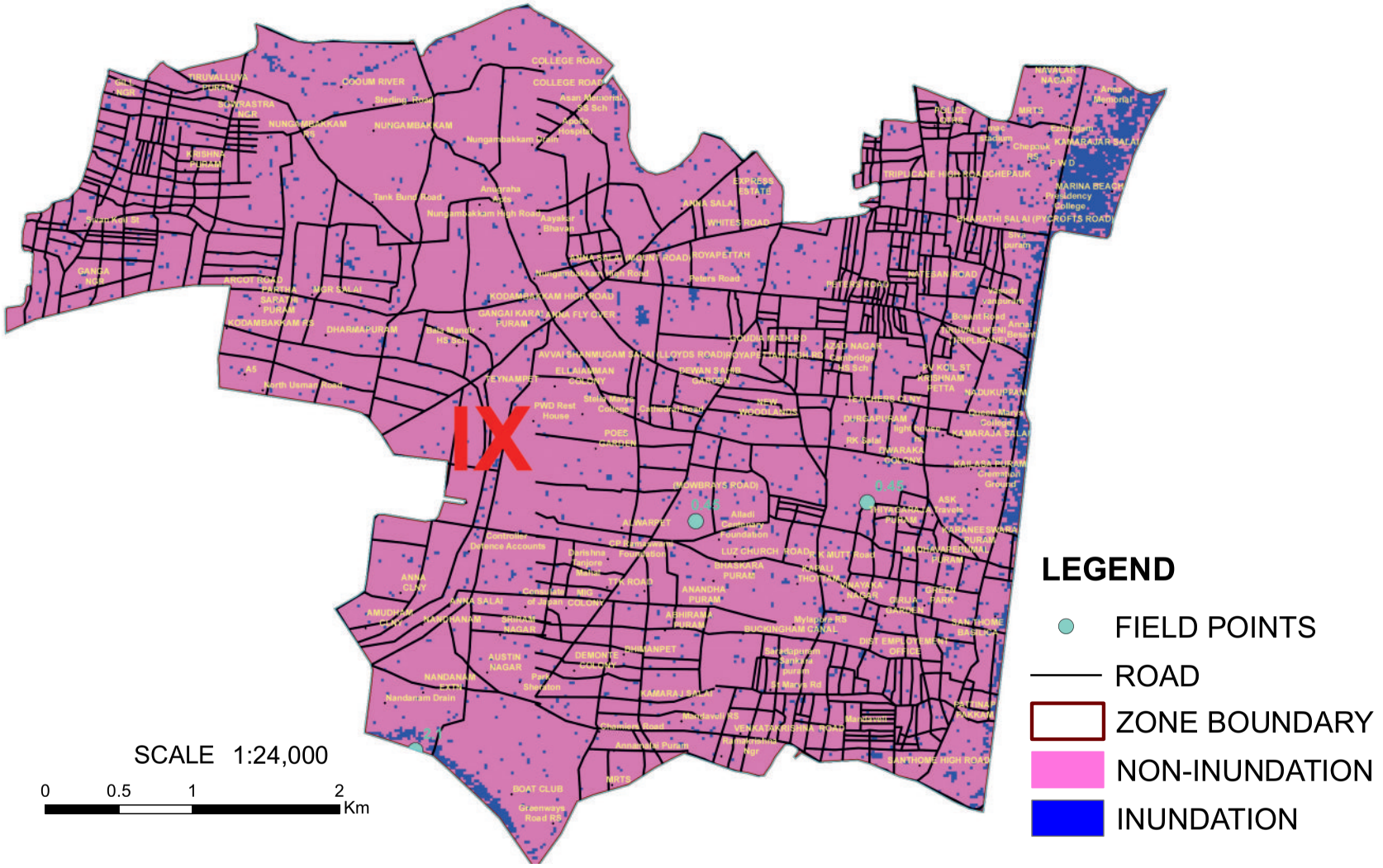
FLOOD INUNDATION MAP FOR TEYNAMPET IN 2005



INUNDATION EXTENT ON 3 RD DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



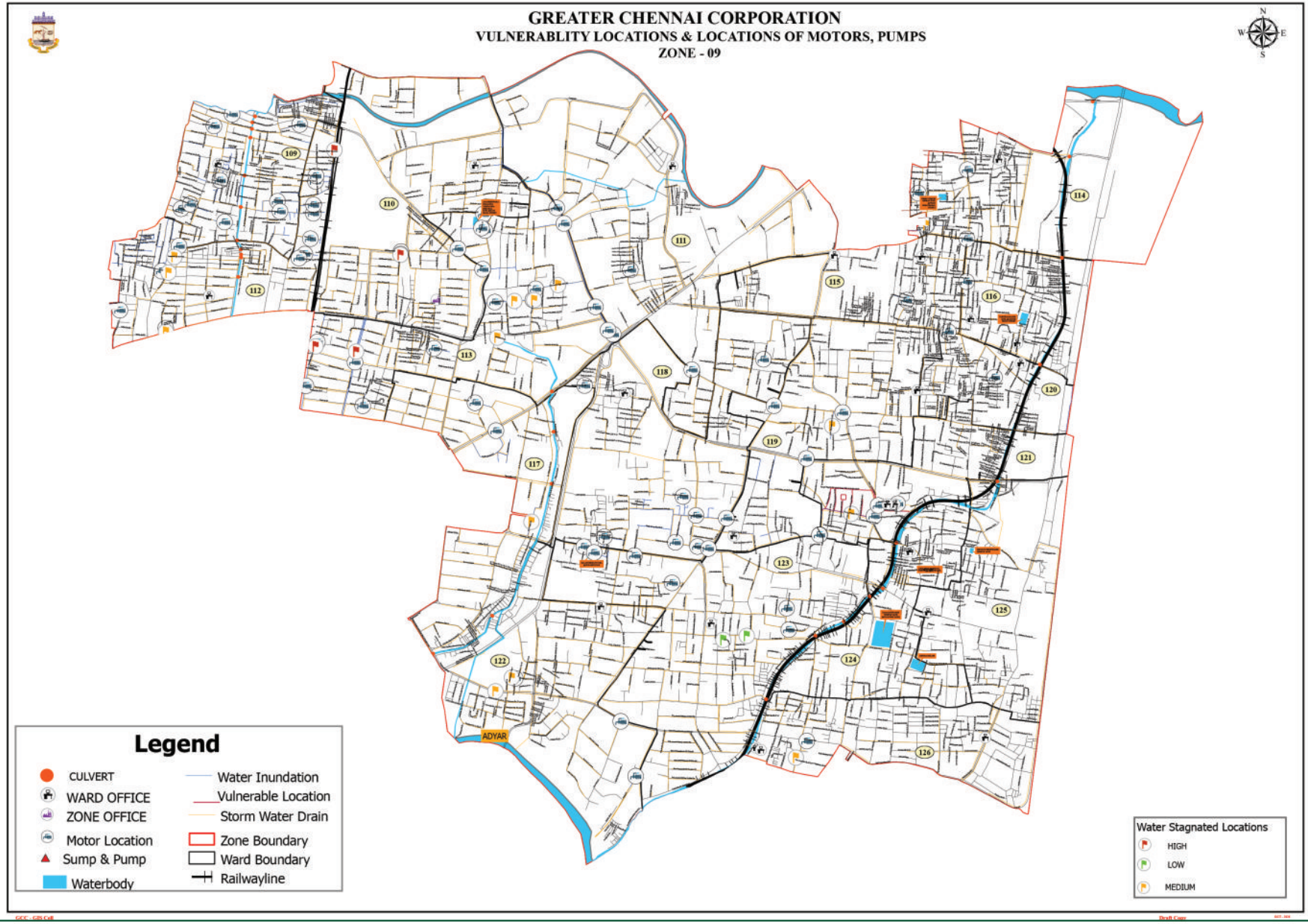
INUNDATION EXTENT ON 7TH DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 09



Water stagnated streets in the monsoon 2015 - 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 monsoon 2015 -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
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

Sl 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 2nd Street, Thiru-vi-ka 3rd Street	3
8	112 - Puliyur	Sowrastra Nagar 1st Street, New Vellala street, Trustpuram 1st Cross Street, Sivan Koil South Street	5
9	123 - Beemanpet	Seethammal 1st Main Road, R.A.Puram 3rd Cross Street, R.A.Puram 1st Main Road, Periyar Salai	6
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 1st Lane, Lakshmipuram 2nd Street	5
16	125 - Santhome	Karneeshwarer koil Street, Karneeshwarer Pogoda Street	4
17	126 – Avvai Nagar	Santhome High Road, 2nd Trust Road, Madha Church Road	4
		Total	57

Relief Centres

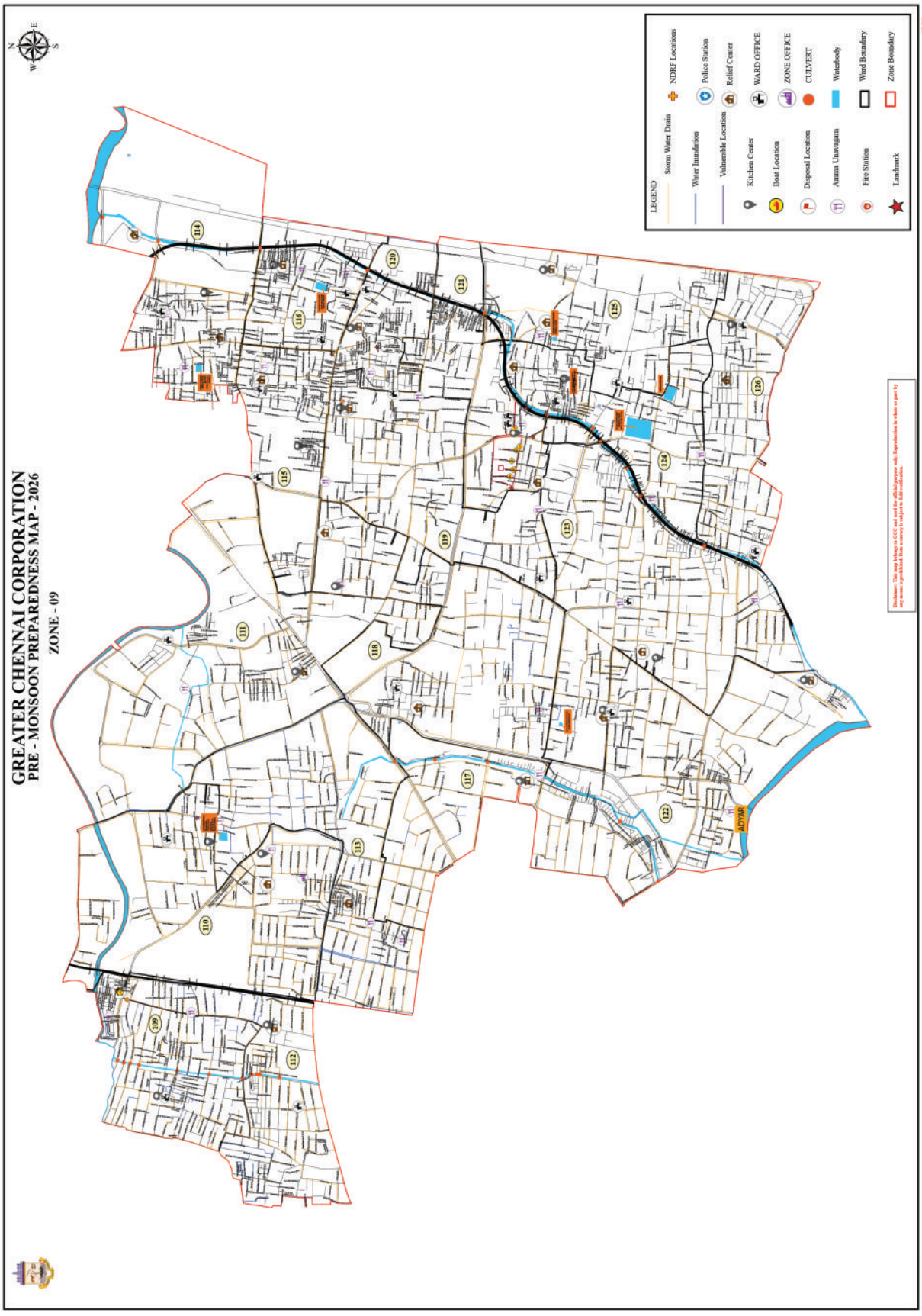
There are 5 relief centres to a total capacity of 4,450 that are readily available with cooking, drinking water and toilet facilities, to be utilized during the evacuation period to accommodate the affected people. The list of relief centres are given below.

Sl No	Ward No	Capacity	Name & Addres of relief centres available	List of streets people to be shifted	Drinking water	Toilet	Cooking facilities	Responsibilities	Officer in charge (Designation/	Contact No
1	109	200	Chennai Primary School, No.35/4, Namashivayapuram, Choolaimedu, Chennai - 600 094	Namashivayapuram & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025909
								Evacuation & Relief Materials	AE	9445190409
								Food & Drinking water	ARO	9361278994
2	111	100	Chennai Middle School Model School Road Thousand Light, Chennai - 600 006	Suhandira Nagar & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025911
								Evacuation & Relief Materials	AE	9445190411
								Food & Drinking water	ARO	9361278994
3	112	150	Chennai Higher Secondary School Choolaimedu High Road, Choolaimedu, Chennai - 600 094	Sowrastra Nagar & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025912
								Evacuation & Relief Materials	AE	9445190411
								Food & Drinking water	ARO	9361278994
4	113	100	Chennai Middle School Dharmapuram T. Nagar, Chennai - 600 017	Dharmapuram surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025913
								Evacuation & Relief Materials	AE	9445190412
								Food & Drinking water	ARO	9361278994
5	114	100	CMS Bells Road, CMS Thyphoon Alikhan Street, Bangaru Street chepauk triplicane Chennai - 600005	Lock Nagar & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025914
								Evacuation & Relief Materials	AE	9445190414
								Food & Drinking water	ARO	9962480316
6	116	100	Chennai Corporation Community Hall, Div-116 V.R. Pillai Street, Triplicane, Chennai - 600 005	Ayothikuppam & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025916
								Evacuation & Relief Materials	AE	9445190416
								Food & Drinking water	ARO	9962480316
7	117	200	Community Hall Giriyappa Road T. Nagar, Chennai - 600 017	Thiru.Vi.Ka Kudiyiruppu & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025917
								Evacuation & Relief Materials	AE	9445190417
								Food & Drinking water	ARO	9361278994

8	118	150	Community Hall S.P.S Koil Sannathi 1st Street, Royapettah, Chennai - 600 018	Thomaiap-pan Street & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025918
								Evacuation & Relief Materials	AE	9445190418
								Food & Drinking water	ARO	9361278994
9	121	150	Corporation School Veeraperumal Koil Street Mylapore, Chennai - 600 004	Dwaraga Nagar & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025921
								Evacuation & Relief Materials	AE	9445190421
								Food & Drinking water	ARO	9840337249
10	122	150	Community Hall K.B. Dasan Road, Teynampet, Chennai - 600 018	Ganesapuram & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025922
								Evacuation & Relief Materials	AE	9445190422
								Food & Drinking water	ARO	9840337249
11	123	150	Chennai Primary School Beemanna Garden Street, Alwarpet, Chennai - 600 018.	Kabalai Thotam & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025923
								Evacuation & Relief Materials	AE	9445190423
								Food & Drinking water	ARO	9840337249
12	124	150	Chennai Primary School Shanmugam Pillai Street, Mylapore, Chennai - 600 004.	Slaterpuram & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025924
								Evacuation & Relief Materials	AE	9445190424
								Food & Drinking water	ARO	9840337249
13	125	150	Chennai Primary School Kamaraj Salai, Mylapore, Chennai - 600 004.	Nochi Nagr & surrounding Places	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025925
								Evacuation & Relief Materials	AE	9445190425
								Food & Drinking water	ARO	9840337249

Zone-09 - North East Monsoon-2025 - Details of Relief Centres

Sl. No	Ward	Name of the Relief Centre & Address (Road/Street, Location, Area & Pincode)	Capacity of relief centre (No.of person)	Designation of the Officials in charge Assr/LI/TC		Overall Supervising Officer (SRO)	
				Designation	Mobile no.	Designation	Mobile No.
1	109	Chennai Primary School, No.35/4, Namashivaya-puram, Choolaimedu, Chennai - 600 094	200	Tax Collector	9941428024 9566140150	SRO	9962480316
2	111	Chennai Middle School Model School Road Thousand Light, Chennai - 600 006	100	Tax Collector	9566140150 9444664578	SRO	9361278994
3	112	Chennai Higher Secondary School, Choolaimedu High Road, Choolaimedu, Chennai - 600 094	150	Tax Collector	8248142376		
4	113	Chennai Middle School Dharmapuram T. Nagar, Chennai - 600 017	100	Tax Collector	9042365309 9171832250		
5	117	Community Hall Giriyappa Road T. Nagar, Chennai - 600 017	200	Tax Collector	9710093655		
6	118	Community Hall S.P.S Koil Sannathi 1st Street, Royapettah, Chennai - 600 018	150	Tax Collector	9940296575		
7	114	CMS Bells Road, CMS Thyphoon Alikhan Street, Bangaru Street chepauk trip licane Chennai - 600 005	100	Tax Collector	9884891156	SRO	9962480316
8	116	Chennai Corporation Community Hall, Div-116 V.R. Pillai Street, Triplicane, Chennai - 600 005	100	Tax Collector	9884375691		
9	121	Corporation School Veeraperumal Koil Street Mylapore, Chennai - 600 004	150	Tax Collector	9551371401	SRO	9840337249
10	122	Community Hall K.B. Dasan Road, Teynampet, Chennai - 600 018	150	Tax Collector	9080083366		
11	123	Chennai Primary School Beemanna Garden Street, Alwarpet, Chennai - 600 018.	150	Tax Collector	9840293354 8667713415		
12	124	Chennai Primary School Shanmugam Pillai Street, Mylapore, Chennai - 600 004.	150	Tax Collector	9841605107		
13	125	Chennai Primary School Kamaraj Salai, Mylapore, Chennai - 600 004.	150	Tax Collector	8825468892		


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 09
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Annna Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
ADYAR

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.

Sl. 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	320m	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,

Sl.No.	Ward	Name of the Streets
1	112	Trustpuram 1st to 10th 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 1st 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.Ramaswamy Road, Dr.Ranga Road, R.A.Puram 1st & 2nd 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

Sl.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,

Sl.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 1st to 7th Streets, Seethammal Road, Seethamal Main road, Seethammal 1st Main Road, Seethammal 2nd 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 1st Lane, P.S.Sivswamy Street, Lakshmipuram 2nd 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 accomodated in relief center are given below. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and location of relief centres are given below.

Sl. 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

Sl. 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, Seethamal Main road, Seethammal 1st Main Road, Seethammal 2nd Main Road	2680	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 1st Lane, P.S.Sivswamy Street, Lakshmipuram 2nd street	3400	2015	Balaji Nagar 3rd 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.

Sl. No.	Ward No	Contact person	
		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

Sl. No.	Ward No	Contact person	
		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 3rd street,Royapettah,Chennai - 600 014

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.

Sl. No.	Ward. No.	Number of boats required with location /evacuation areas / location	Boats stationed Location	Contact No
1	109	1-no.-West Namachivayapuram-Dhobikanna	Dhobikanna	Assistant Engineer 9445190409
2	109	1-no.-Thiruvenkatapuam 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

Sl.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 163 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	9445191492
GCC- Health	Sanitary Inspector	9445025910
GCC - Veterinary	Veterinary Assistant Surgeon	9445194746
GCC - Solid waste management	Conservancy Inspector	9445190609
GCC - Revenue	Tax Collector	9841249399 / 9840017368
Revenue	Revenue Inspector	9444299152
GCC - Park overseer	Park Supervisor	9445194729
CMWSSB	Assistant Engineer	8144930109
TANGEDCO	Junior Engineer	9445850214
BSNL	Assistant Engineer	9445018645
Fire service	Inspector	9840743100
Police station	Inspector	9498143582
PWD	Assistant Engineer	9884219380
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	Assistant Engineer	9486543733
Highways	Divisional Engineer	9789965555

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
TNUHDB	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
TNUHDB	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 – 28525351
TNUHDB	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
TNUHDB	Assistant Engineer	044 – 28441430
Highways	Divisional Engineer	044 – 23635123

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
TNUHDB	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	Assistant Engineer	9445190943
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
TNUHDB	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
TNUHDB	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
TNUHDB	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
TNUHDB	Assistant Engineer	9445074843, 9445074844
Highways	Divisional Engineer	044 – 23635123

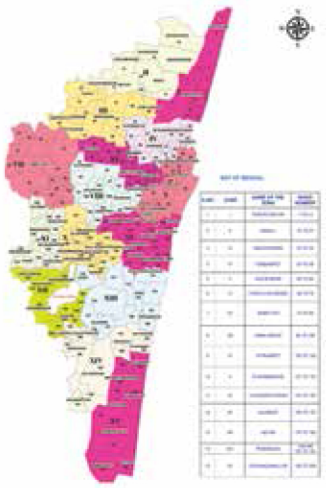
ZONE-X

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	563
2	Zone Administration	564
3	Public Health &Disease Control	565
4	Parks	565
5	Sewage Pumping Station	566
6	Tamilnadu Urban Habitat Development Board	568
7	Water Bodies and Waterways	569
8	Storm Water Drain	573
9	Water stagnated streets in the previous monsoon-Heavyrain	574
10	Stagnation of water in streets due to sewer block	581
11	Relief Centre	582
12	Subway	586
13	Tree fall	588
14	Streets-Water entered houses-do not require evacuation	589
15	Streets that require evacuation	589
16	Lighting facilities	591
17	National Disaster Response force	591
18	Rescue Boats	592
19	Transport Equipment & Lorries	593
20	Less than 2.5m streets that cannot be accessed by Vehicles	593
21	Ward Committee	594

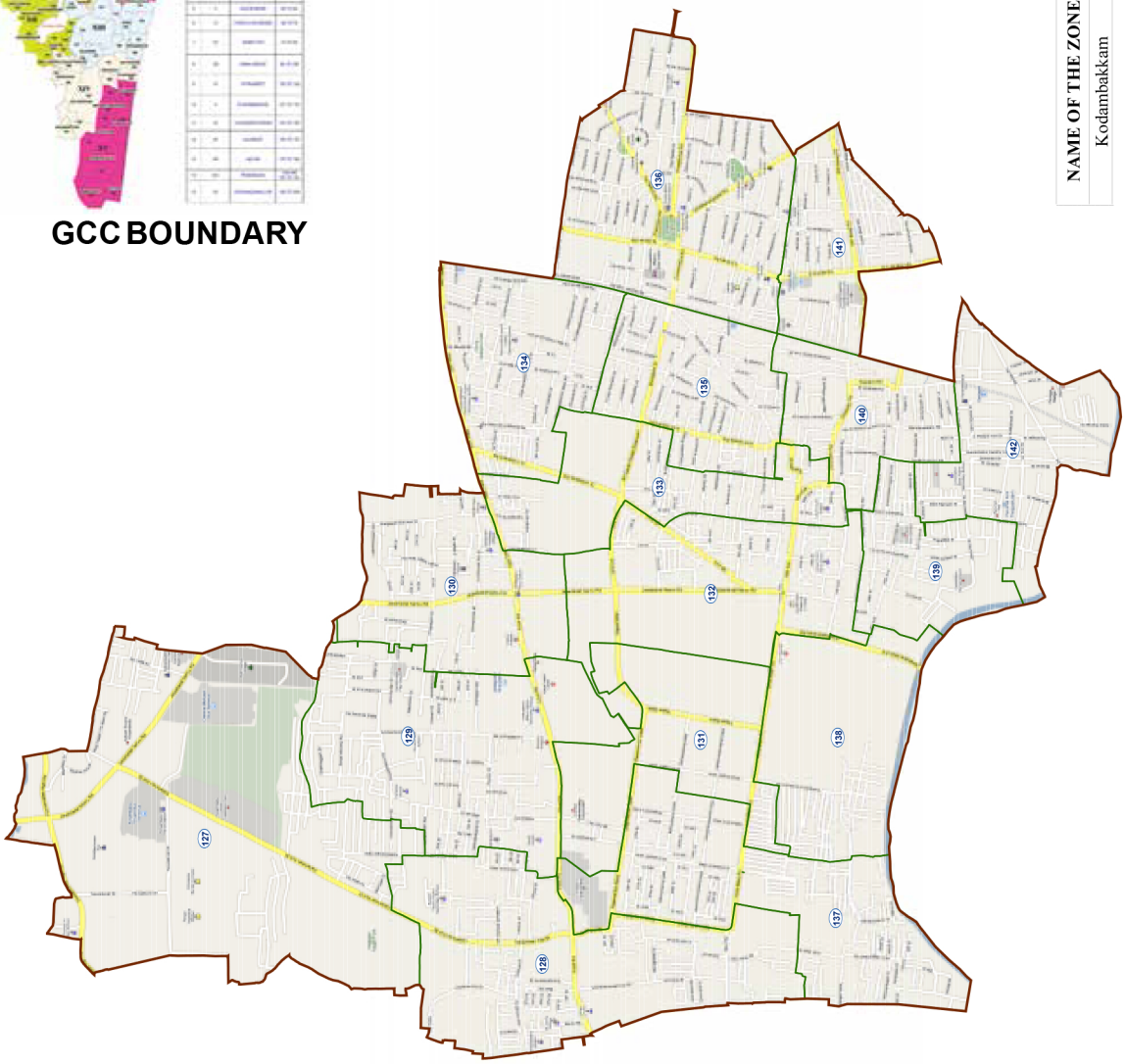
KODAMBAKKAM

ZONE X - WARD BOUNDARY



GCC BOUNDARY

NAME OF THE ZONE	WARD NUMBER
Kodambakkam	127 TO 142



Profile

The Kodambakkam zone liesin Latitude 13.0481°, Longitude 80.2267° and covering an area of 22.40 Sq.km.

There are 2407 roads, out of which 2,313 roads to a length of 395.63km are Interior Roads, 88 Roads to a length of 46.52Km are Bus Route Roads which are maintained by GCC and the balance 6 roads are under the maintenance of High ways 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,

Sl.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/ Ram Colony	14233	56932
6	132/ Kodambakkam	13156	52624
7	133/ T.Nagar	14055	56220
8	135/ Thambaiah road	12784	51136
9	135/ Ashok Nagar	13675	52624
10	136/ K.K.Nagar	14125	56500
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 pagenumber 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.

Sl. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	Zonal Officer	127to142	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.

Sl. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1	Executive Engineer-1	127, 130 TO 135 & 141	9445190030
2	Executive Engineer-2	128,129, 136 TO 140 & 142	9445191466
3	Assistant Executive Engineer	137,138,139&142	9445190128
4	Assistant Executive Engineer	127, 128, 129, 130	9445190129
5	Assistant Executive Engineer	133,136, 140&141	9445190130
6	Assistant Executive Engineer	131,132, 134&135	9445190131
7	Assistant Executive Engineer	127 TO 132, 134,135	9894333506
8	Assistant Executive Engineer	133,136 TO 142	9600156959
9	Additional Divisional Engineer, Electrical	127 to 142	9445190050
10	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.

Sl. No.	Designation	Unit/ Ward. No.	Office Mobile Number
1.	AEE (SWM)	127 TO 142	

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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Numbe
1.	Zonal Health Officer	ZoneX	9445190070
2	Veterinary Surgeon	ZoneX	9445026045
3	Junior Entomologist	ZoneX	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 59 Parks available in Koyembedu, Virugambakkam, Saligramam, K.K.Nagar, Ashok Nagar, T.Nagar and Kodambakkam. The separks 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, properlighting and to prevent in undation inside the parks. The contact details of the Park overseer and the location of parks available in the zone are given below,

Sl. No.	Teammember contact No.	Equipment available	Area of operation
1	PARK OVERSEER 8667443605	4Nos-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, ECO 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	132	Kodambakkam	Corporation Colony Main Road, United India Colony Park View Road,
5	133	T.Nagar	Jeeva Park, G.N.Chetty Road; Natesan Park, Venkatnarayana Road; Panagal Park,Bashy-am Road
6	135	Ashok Nagar	1st Avenu Park, 12th Avenue, 14th Sector, 15th Sector, 53rd Street
7	136	K.K.Nagar	P.T.Rajan Salai (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	Ellaiamman Koil Street, Kodambakkam Road (Amma Park)
12	141	V.o.c Nagar	CIT Nagar 3rd Main Road
13	142	Saidapet	West Jones Road, Thadi Rathinam 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,

Sl. No.	Pumping Station	Capacity MLD	No. of pumps	
			H P	Nos
1	Nesapakkam (Relay)	120	430 215 125	2 2 1

Sl. No.	Pumping Station	Capacity MLD	No. of pumps	
			H P	Nos
2	T.Nagar (Relay)	24	100/200 175 75	1 2 1
3	CIT Nagar	14	215 100	1 1
4	Kodambakkam	13	100 75	2 1
5	Saidapet (Section- B)	20	150	3
6	West Arumbakkam	12.10	90 50 75	1 1 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.KNagar (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	Bharathidasancolony	6.90	7.5 10	1 2
16	Thiru Nagar	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	Abithcolony	0.86	5	2
22	VOC Nagar	2.42	15 7.5	1 1
23	Annaisathya Nagar	2.00	7	2
24	Samiyar Thotam	0.86	7	2
		Total		77 Nos

Tamilnadu Urban Habitat Development Board

There are15 TNUHDB 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,

Sl. No.	Ward No./ Name	Tenement location	No. of tenements	Population
1	131/ Ram Colony	Nallankuppam	456	2000
2	131/ Ram Colony	Ashok Nagar 10Th & 14Th Street	448	1350
3	134/ Tham-baiah Road	Brindavan Street	190	760
4	135/ Ashok Nagar	Ottagapalayam	195	780
5	135/ Ashok Nagar	Pudur	4125	16000

Sl. No.	Ward No./ Name	Tenement location	No. of tenements	Population
6	136/ K.K.Nagar	Rani Anna Nagar	1750	6600
7	136/ K.K.Nagar	Sivalingapuram	400	1600
8	137/ K.K.Nagar	Thiruvalluvar Colony	160	640
9	139/ R.R.Colony	R.V Nagar	64	260
10	140/ Saidapet	Vazhai Thoppu	328	1320
11	140 / Saidapet	Adhikesava Perumal Thottam	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	AEE(SWM)	28 TO 31	9445191430
Water Supply & Sewage / CMWSSB	Assistant Engineer	Area Engineer	8144930910
TNUHDB	Executive Engineer	Zone10	9445074776

Water Bodies and Water ways

There are 4 Canals , (1) Virugambakkam canal is beingmaintained by PWD which enters this zone through Natesan Nagar travels about 5 Km within the zone upto Vadapalani Thirunagar 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 are as 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 0.80km and drains rain water from saidapet andAshok Nagar areas through Muthurangam block toAdayar river. (4) Part of Mambalam Canalis being maintained by GCC to alength of .0.90km, are travels from venkatnarayanaroad to CIT Nagar main road which disposes the rain water from CIT Nagar, T. Nagar, Saidapet and part of Nungambakkam are as into Adyarriver..

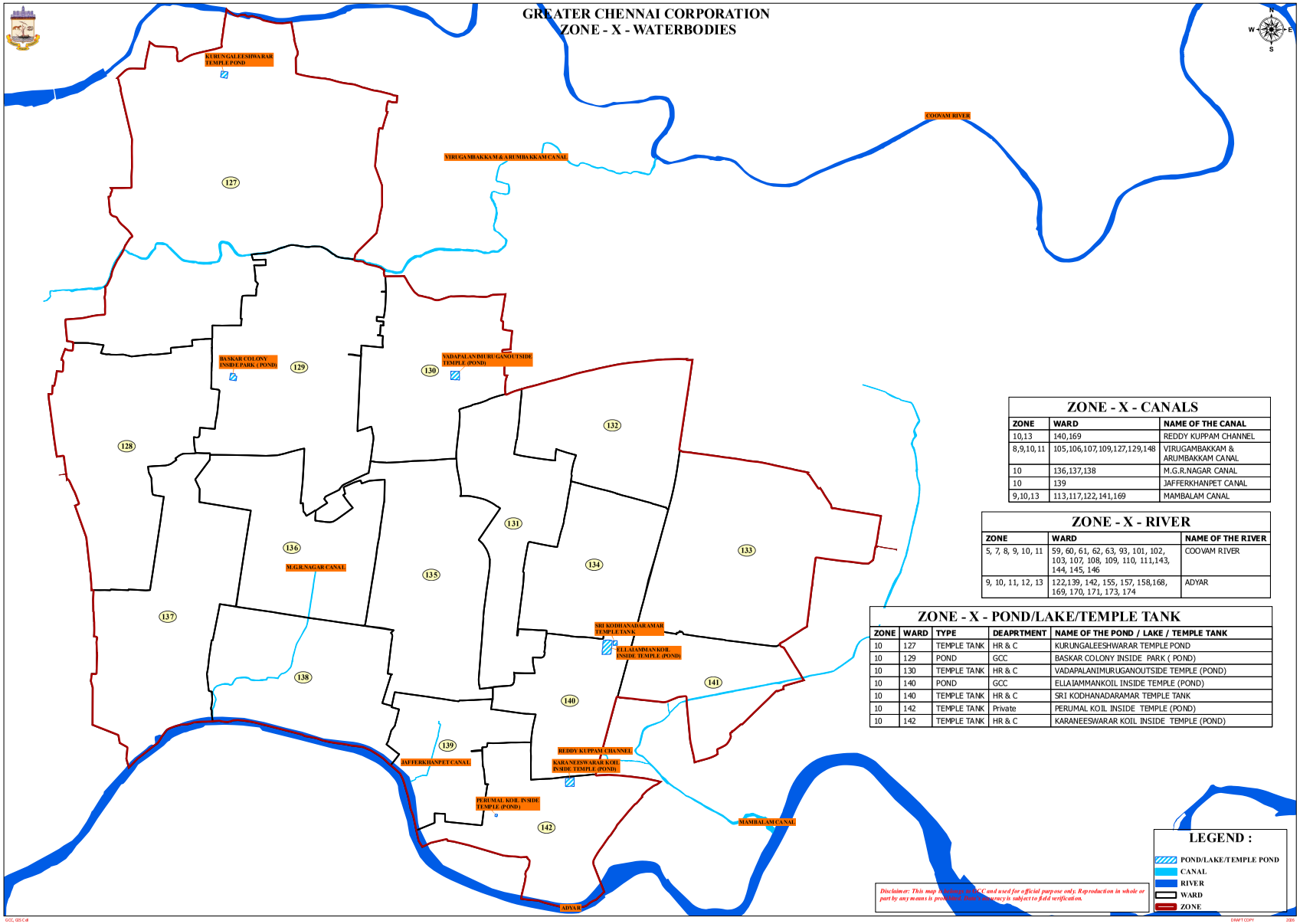
Greater Chennai Corporation is doing a massive work to remove hyacinth and de-silting work is done by PWD in the canal maintained by them. Cleaning and de-silting of storm water drain & lakes are periodically done by GCC as a premonsoon preparedness measure.

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

Sl. No.	Name of the Canal	Wards Covered	From	To	Length (Km)
1	Virugambakkam Canal	127, 129 & 130	Natesan nagar	Vadapalani, ThiruNagar	2.7
2	MGR Nagar Canal	131, 138	Ramasamy Salai	Adyar River	1.60
3	Jafferkhan Pet Canal	139	R.V.Nagar SCB	Muthurangam Block	0.80
4	MambalamCanal	141	Venkatnarayana Road Bridge	CIT Nagar 1st Main Road	0.90
5	Reddykuppam Canal	140	Govindan road	Reddykuppam	0.06
Total					6.10

GREATER CHENNAI CORPORATION
ZONE - X - WATERBODIES



ZONE - X - CANALS

ZONE	WARD	NAME OF THE CANAL
10,13	140,169	REDDY KUPPAM CHANNEL
8,9,10,11	105,106,107,109,127,129,148	VIRUGAMBAKKAM & ARUMBAKKAM CANAL
10	136,137,138	M.G.R.NAGAR CANAL
10	139	JAFFERKHANPET CANAL
9,10,13	113,117,122,141,169	MAMBALAM CANAL

ZONE - X - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

ZONE - X - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
10	127	TEMPLE TANK	HR & C	KURUNGALEESHWARAR TEMPLE POND
10	129	POND	GCC	BASKAR COLONY INSIDE PARK (POND)
10	130	TEMPLE TANK	HR & C	VADAPALANIMURUGANOUTSIDE TEMPLE (POND)
10	140	POND	GCC	ELLAIAMMANKOIL INSIDE TEMPLE (POND)
10	140	TEMPLE TANK	HR & C	SRI KODHANADARAMAR TEMPLE TANK
10	142	TEMPLE TANK	Private	PERUMAL KOIL INSIDE TEMPLE (POND)
10	142	TEMPLE TANK	HR & C	KARANEESWARAR KOIL INSIDE TEMPLE (POND)

LEGEND :

- POND/LAKE/TEMPLE POND
- CANAL
- RIVER
- WARD
- ZONE

Disclaimer: This map is property of GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data accuracy is subject to field verification.

GCC, GIS Cell

DRAFT COPY 2015

Other water bodies: River

Sl. No.	Name of the River	Wards Covered	From	To	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 M^2
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	Vadapalani Murugan OutsideTemple (Pond)	4733.35
5	140	Saidapet	Ellaiamman Koil 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.

Sl. No.	Ward No./ Name	No. of Drains	Length in km
1	127/ Koyambedu	88	22.41
2	128/ Virugambakkam	80	15.20
3	129/ Saligramam	76	15.98
4	130/ Vadapalani	34	7.82
5	131/ Ram Colony	43	9.97
6	132/ Kodambakkam	62	17.24
7	133/ T.Nagar	55	19.24
8	134/ Thambaiah road	53	13.57
9	135/ Ashok Nagar	47	15.80
10	136/ K.K.Nagar	40	13.51
11	137/ K.K.Nagar	54	9.81
12	138/ Jafferkhanpet	14	5.46
13	139/ R.R.Colony	40	6.28
14	140/ Saidapet	23	5.91
15	141/ V.O.C.Nagar	35	12.49
16	142/ Saidapet	30	6.71
	Total	774	197.42

Water stagnated streets in the previousmonsoon-heavy rainfall

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 (infrontof 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/ Virugam bakkam	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	136/ K.K.Nagar	Rajamannar Salai	2 Nos of 10.H.p	Rajamannar Salai	Rajamannar Salai
7	132/ Kodam bakkam	Rangarajapuram	10H.P	Rangaraja puram	Rangaraja puram Swd
8	133/ 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 previousmonsoon 2015-Heavy Rainfall

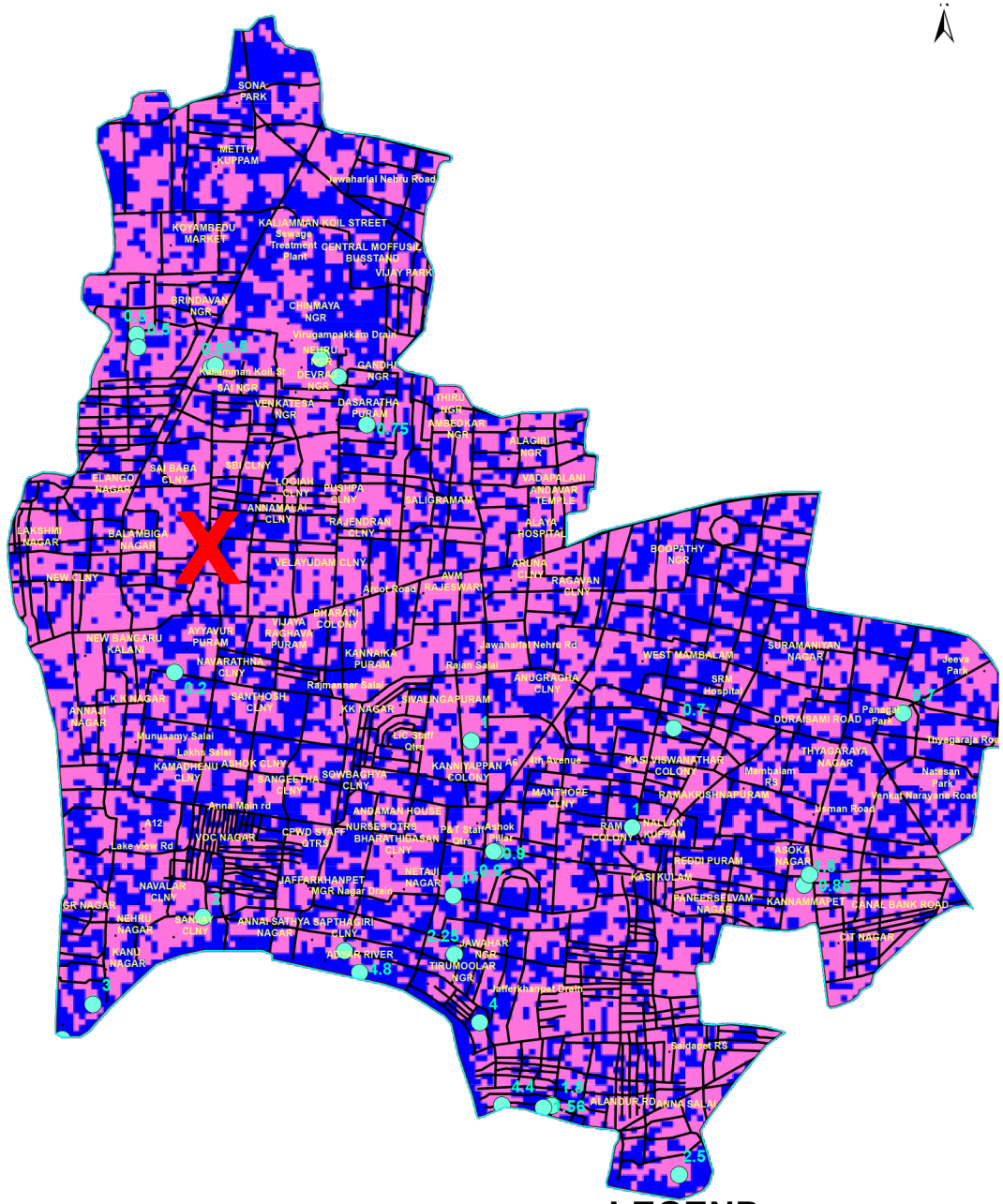
S. No	Ward/ Name	Streets where inundationseen	Capacity of pumps	Locationof pumps	Disposal point
1	127/ Koyambedu	Kaliamman koil street	10 H.P	Kaliamman koil street	SWD
2		100 Feet Road	10 H.P	100 FeetRoad	SWD
3	128 & 129	Arcot Road	2- 10 H.P	Arcot Road	SWD
4	128/ Virugambakkam	Lambet Nagar	10 H.P	Lambet Nagar	SWD
5	129/ Saligramam	K.K.Salai	5 H.P	K.K.Salai	SWD
6	130/ Vadapalani	Nerkundrum pathaieast	10 H.P	Nerkundrum pathai east	SWD
7	130/ Vadapalani	Alaghiri Nagar 1st cross street	5H.P	Alaghiri Nagar 1st cross street	SWD
8	130/ Vadapalani	Kanniappa street	5 H.P	Kanniappastreet	SWD
9	130/ Vadapalani	Valliammal street	10 H.P	Valliammalstreet	SWD
10	135/ Ashok Nagar	4th Avenu	-	-	Natural drain through SWD
11	135/ Ashok Nagar	18th Avenu & 19th Avenu	2- 10 H.P	18th Avenu & 19th Avenu	SWD
12	135/ Ashok Nagar	Kamaraj Salai	-	-	Natural drain through SWD
13	131/ 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	Locationof pumps	Disposal point
14	131/ Ram Colony	Postal Colony 2nd street	10 H.P	Postal Colony 2nd street	SWD
15	131/ Ram Colony	4th Avenu	-	-	Natural drainthrough SWD
16	131/ Ram Colony	Duraisamy Road	-	-	Natural drainthrough SWD
17	131/ Ram Colony	21st Avenu	-	-	Natural drainthrough SWD
18	132/ Kodambakkam	Rangarajapurammain road	10 H.P	Rangaraja purammain road	SWD
19	132/ Kodambakkam	Parangusa puram	10 H.P	Parangusa puram	SWD
20	134/ Kodambakkam	Aziz nagar Main road, 1st , 2nd & 3rdstreet	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 drainthrough SWD
23	135/ West Mambalam	Lake View Road	10 H.P	Lake View Road	SWD
24	131/K.K.Nagar	R.K.Shanmugamsalai	2 - 10 H.P	R.K. Shanmugam salai	SWD

25	131/K.K.Nagar	Sathyagarden	10 H.P	Sathya garden	SWD
26	131/K.K.Nagar	BharaniColony	10 H.P	Bharani Colony	SWD
27	137/ K.K.Nagar	Rajamannar Salai	2- 10 H.P	Rajamannar Salai	SWD
28	137/ K.K.Nagar	8th Sector	-	-	Natural drainthrough SWD
29	137/ K.K.Nagar	7th Sector 37th street	-	-	Natural drainthrough 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 drainthrough SWD
32	140/ Saidapet	Kodambakkam Road	-	-	Natural drainthrough SWD
33	141/ V.O.C. Nagar	Southusman Road	10 H.P	Southusman Road	SWD
34	141/ V.O.C. Nagar	Gopal Street	-	-	Natural drainthrough SWD
35	138/ Jafferkhan pet	Ambedkar Colony	2- 10 H.P	Ambedkar Colony	Bazulla Road Swd

Anna university has mapped the areas in undated in this Zone during 2005 flood by crowd source method. The RISAT Micro wave satellite map showing inundation extenton 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 GCCmap are given below for clarity and understanding.

INUNDATION EXTENT ON 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



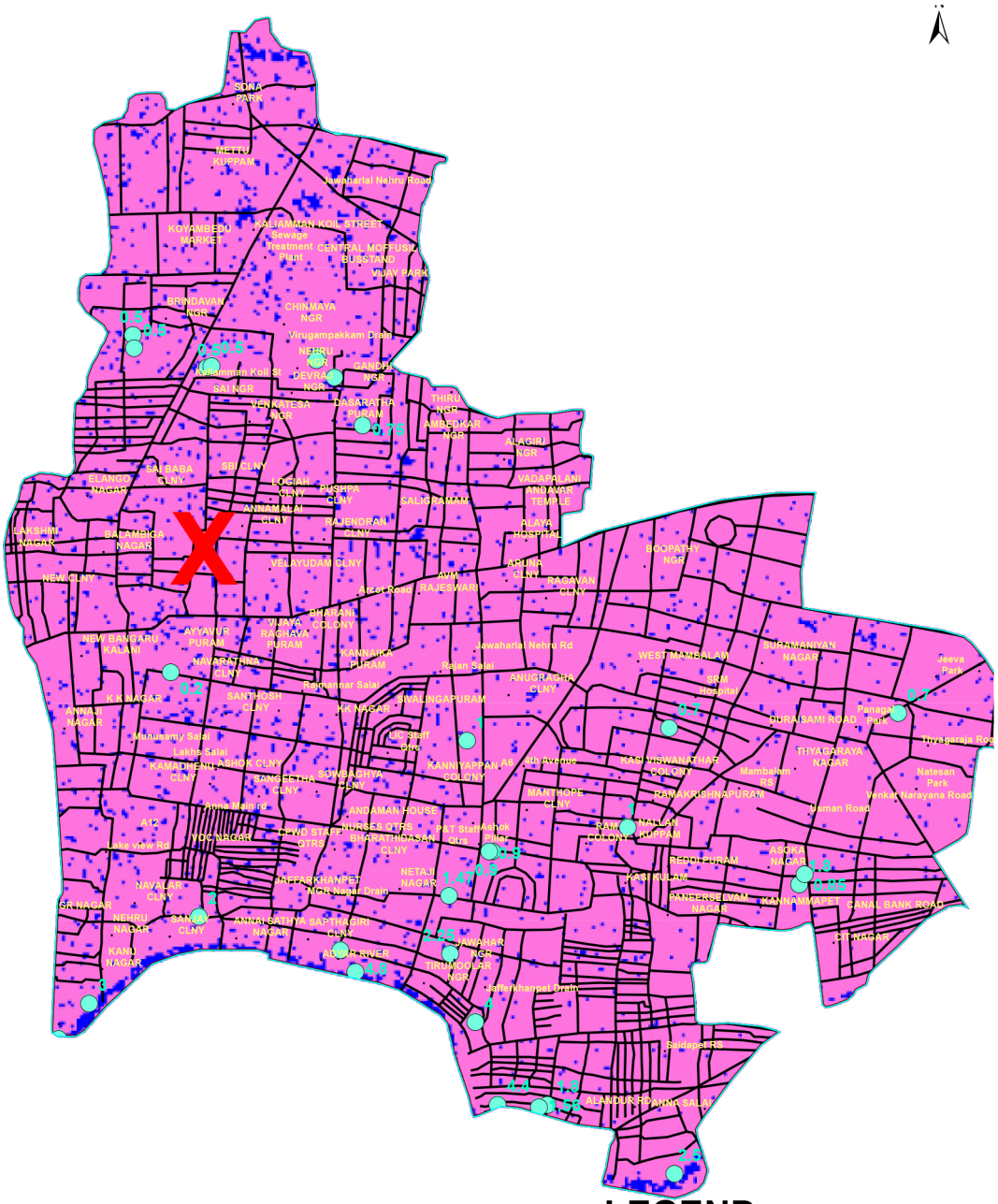
LEGEND

- FIELD POINTS
- ROAD
- ZONE BOUNDARY
- NON-INUNDATION
- INUNDATION

SCALE 1:24,000

0 0.5 1 2 Km

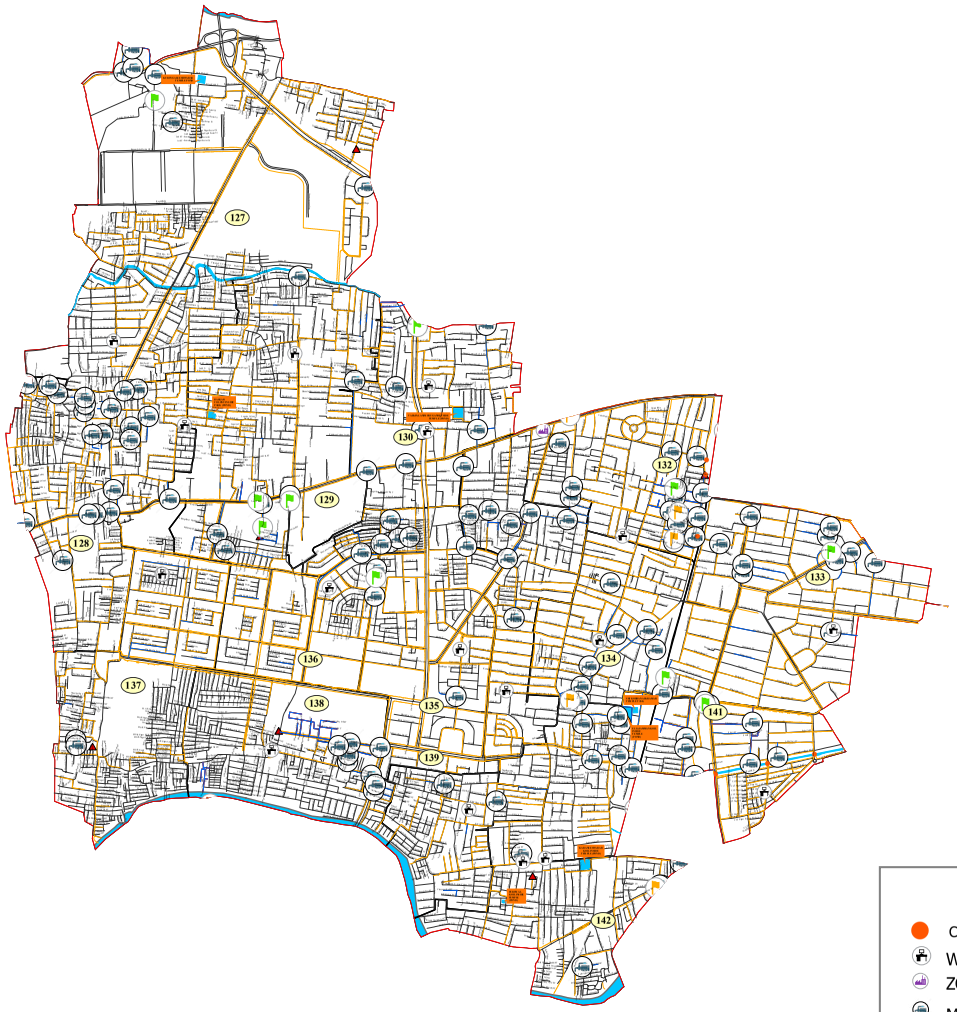
INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE


X
0.5
0.5
2.5
0.75
0.2
0.7
1.4
0.8
1.48
1.8
1.5
2.5
1.6
1.5
1.4
1.8
1.5
1.8
1.5
1.8
1.5

GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 10



Water Stagnated Locations
- HIGH
- LOW
- MEDIUM

Legend
- CULVERT
- WARD OFFICE
- ZONE OFFICE
- Motor Location
- Sump & Pump
- Waterbody
- Water Inundation
- Vulnerable Location
- Storm Water Drain
- Zone Boundary
- Ward Boundary
- Railwayline

GCC - GIS Cell

Draft Copy

Stagnation of water in streets due to sewer blocks in 2015

Sl. 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 1st Main Road, North Mada street Brindavan Nagar, Kumaran Nagar 3rd Main Road, Kumaran Nagar 1st Cross street, Natesan Nagar, Jai Nagar 2nd Main Road, Jai Nagar 11thm street & Nerkundram Road	47
2	128/ Virugambakkam	Elango Nagar, OttaipillaiyarKoil street, Annai Sathya Nagar, Tarachand Nagar, Thangal Uvlvayil street, & Venkatesh NagarMain Road	19
3	129/ Saligramam	Vinayagam Street, Kamaraj street, Logaiahstreet, Gangappan street PonniammanKoilstreet Majeeth Nagar, Kumaran Colony Main Road, Velayutham Street, S.S.R.Pankajam Road, Kaveri street, State Bank Colony 2nd& 3rd street & Mathiazhagan Nagar	57
4	130/ Vadapalani	Alagirinagar 1st & 2nd street, Bajanai Koil 1st& 2nd street, Kumaran Colony Main Road&NerkundramPathai East	16
5	135/ Ashok Nagar	2nd Avenu,4thAvenu, 6thAvenu, 7th Ashok Nagar,9th Avenu,10th Avenu,12th Avenu,18th Avenu,48th Street &KamarajSalai	40
6	131/ RamColony	Postal Colony 3rd Street, R.N.Nambiar Street, Mahadevan Street Ext & AshokNagar 15th Street	14
7	132/ Kodambakkam	Vishwanathapuram 1st Main Road & Rangarajapuram Main Road Near School	9
8	133/ T.Nagar	Bazulla Road, Usman Road, Ragaviah Road, G.N.Chetty Road,Rangabashyam Street, Guild street, Natesan Street, Muthu Krishnan Street, Rameshwaram Road & Lakshmi Narasimman Street	38

Sl. No.	Ward No./ Name	Name of the Streets	No.of Man holes
9	137/ K.K.Nagar	Rajamannar Salai, 10th Sector 59, 61, 64, & 65th street, 9th sector, 8th Sector,7th Sector, 4th Sector, Ramasamy Salai, Lakshmansamy Salai, Alagirisamy Salai, Kamaraj Street, Jaibalaji Nagar, Vannier Street, M.G,R Nagar Periyar Street, Choolai Pallam& Rajiv Gandhi Nagar	60
10	138/Jafferkhanpet	SM Block Gurushave Street, SM Block JohnKennedy Street, Pari Nagar All street Bharathidasan Colony Main Road,Thiru Nagar Kabilan Street, MGR Nagar Palai Street, MGR Nagar Sanjai Gandhi Street MGR Nagar V.N.Janaki Street, MGR NagarPalai Street &Annai Sathya Nagar	41
11	139/ R.R.Colony	Jothiramalingam Nagar, Sarathi Nagar& Muthurangam Block	12
12	140/ Saidapet	Old MambalamRoad, Sadaiyappan StreetDhanapal Street, Vazhai Thoppu Pushpavathiammal Street & Vandikaran Street	24
13	141/ V.O.C.Nagar	Varadarajan Koil street, South West Boag Road, South Dhandapani Street, Maduraiveeran Koil Street & Madley 2nd Street	19
14	142/ Saidapet	Jayaramstreet, Narayanasamy street Duraisamy Thottam, Kothaval ChavadiStreet & Godhamedu	17
		Total	437

Relief Centres

There are 14 relief centres to a total capacity of 2850 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.



Sl. No.	WardNo/ Name	Capacity	Name&Addresofrelief centresavailable	Listofstreetspeopleto beshifted	Drinking water	Toilets	Cooking facilities	Responsiblities	Officer in-charge (Designation/	Contact No.
1	127/ Koyambedu	150	Chennai Higher Secondary School, Koyambedu and Chennai Primary School, Koyambedu, schoolstreet	New Colony, Mettukulam	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025927 9445190427 9445190090 9445190427
2	127/Koyambedu	100	CMSchool TSD nagar school street arumbakkam	-	YES	YES		Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025927 9445190427 9445190090 9445190427
3	128/ Virugambakkam	200	Chennai Higher SecondarySchool, School street, Virugambakkam	Lambert Nagar	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025928 9445190428 9445190090 9445190428
4	131/Ashok Nagar	100	Chennai Primary School, Ashok Nagar,	Nallankuppam	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025931 9445190431 9445190090 9445190431

5	132/Kodam-bakkam	150	Chennai Primary School & Chennai Hr.Sec School ,	-	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025932 9445190432 9445190090 9445190432
6	133/T.Nagar	300	Chennai Middle School, Prakasam Road	-	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025933 9445190433 9445190090 9445190433
7	134/West Mambalam	50	Chennai Primary School	-	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025934 9445190434 9445190090 9445190434
8	135/Ashok Nagar	100	Chennai Primary School & Chennai High School ,	-	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025935 9445190435 9445190090 9445190435
9	136/MGR Nagar	150	Community Hall 80 feet road	-	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025936 9445190436 9445190090 9445190436

10	137/K.K. Nagar	200	Chennai Middle School	Choolai-pallam	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025937 9445190437 9445190090 9445190437
11	138/MGR Nagar	400	Chennai Hr.Sec School ,	Pari Nagar	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025938 9445190438 9445190090 9445190438
12	139/ R.R.Colony	400	Vadivelu street Community hall	Jothira-malingam Nagar, Muthuran-gam block & Sarathi nagar	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025939 9445190439 9445190090 9445190439
13	141/ V.O.C. Nagar	300	ChennaiHigh School , CIT Nagar 4 th main road	Canal Bank Road	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025941 9445190441 9445190090 9445190441
14	142/ Saidapet	250	Chennai Middle School	Thideer-Nagar& Godha-medu	YES	YES	NO	Sanitation, Medicine Evacuation Food & Drinking water Relief Material	Sanitary Inspector Assistant Engineer Assistant Revenue Officer Assistant Engineer	9445025942 9445190442 9445190090 9445190442

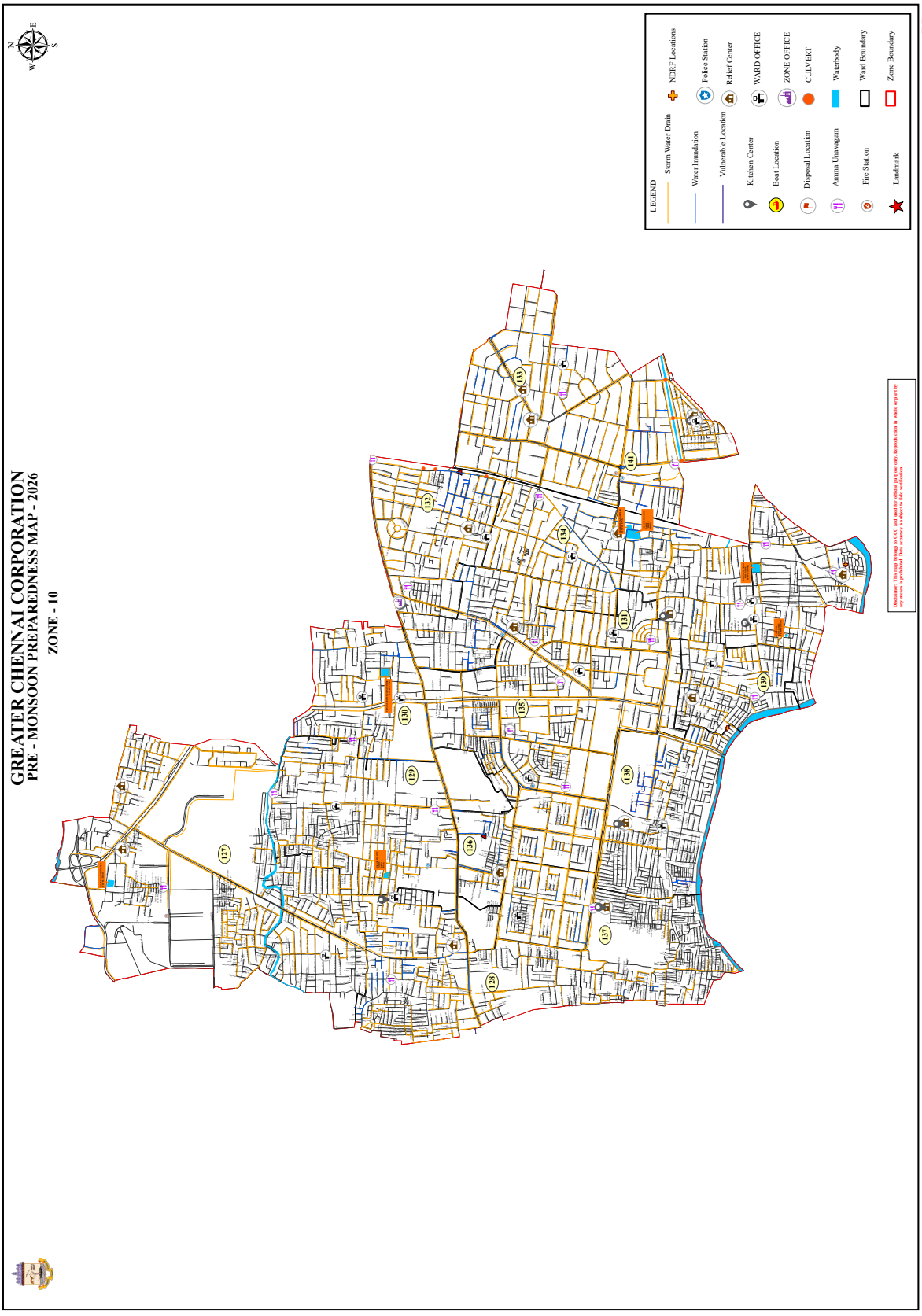
Subways

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 pumpout the stagnated water. The respective Assistant Engineer of ward shall be called for any issue if so.

Sl. No	Location	Length in 'm'	Pumped water disposal point	Number of pumpsets installed - regular/ standby to pump out water
1	Ward 132 Rangarajapuram	140	Railway Border Road Storm Water Drain	25HP-3, 20HP-3 & 10HP-4
2	Ward 134 Madley	325	Madley Service Road	30HP-1, 25HP-2, 22HP-6, 10HP-7 & 7.5HP-1
3	Ward 133 Duraisamy	289	Duraisamy Road Storm Water Drain	30HP-2, 25 H.P -1, 22HP-1 & 10 H.P-5
4	Ward 142 Alandur road	290	Alandur Road Storm Water Drain	30HP-3, 25HP-3, 22HP-2 & 10HP-3
5	Ward 142 Jones road	200	Jones Road Storm Water Drain	30HP-2, 25 H.P -2, 22HP-2 & 10 H.P -3



Ward 142, Jones Road Subway


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 10
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
Hard Copy

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 inthese places special precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

Sl. No.	Ward No.	WardName	NameoftheStreets
1.	127	Koyambedu	Karumariannan koil street, Natesan Nagar, Sri ayyappanagar, Sai Nagar, North Mada street & Ragavendra Colony
2	128	Virugambakkam	Kamaraj Colony, Saibaba Colony, Udhayam Colony, Annaji Colony, Reddy Street & Thangal street
3	129	Saligramam	Dasaratha Puram, Logaiya Colony , Kumaran Colony & SBI Colony
4	130	Vadapalani	Karumari Amman Koil street, KumaranVolony, &100 Feet Road
5	131	Ram Colony	12thAvenu, Kavarai street, Karnan street , Mahadevan street& 50TH Street Ashok Nagar
6	132	Kodambakkam	Rangarajapuram, Posal Colony, VishvwanapuramPuram & Vishwanathapuram
7	133	T.Nagar	Dr.Nair Road, G.N.Chetty Road, Bazulla Road, Somasundram Street, Coats Road & Ragaviah Road
8	136	K.K.Nagar	Ranianna Nagar, Rajamannar Salai, P.t. Rajan Salai,& 6th Sector K.K.Nagar
9	134	Thambaiah Road	Posatal Colony & Kirupasankarai street
10	136	K.K.Nagar	Ranianna Nagar, Rajamannar Salai, P.t.Rajan Salai, & 6th Sector K.K.Nagar
11	137	K.K.Nagar	Rajamannar Salai, MunusamySalai, 4th Sector, 12thSector &R.K.Shanmugam Salai.
12	138	Jafferkhan Pet	Bharathidasan Colony, & 4th Sector
13	139	R.R.Colony	R.R.Colony
14	140	Saidapet	Rajaji street, Sambagi street &Vadivel Puram
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 - donot 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 today activity of 540 people were stand stilled. 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,

Sl. No	Ward No./ Name	Streets where water enters house-not require evacuation
1	128/ Virugambakkam	Ganapathraj Nagar
2	136/K.K.Nagar	Bharani Colony
3	140/ Saidapet	K.R.Koil street

Streets that require evacuation

During the heavy floodthat 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.

Sl 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
3	128 Virugam bakkam	Elango Nagar, Ganapath Raj Nagar	25	2015-2016	Commmunity Hall, KamarajSalai, Virugambakkam
4	128 Virugam bakkam	AnnaiSathya Nagar	75	2015-2016	Chennai Primary School, Nesapakkam
5	137 K.K.Nagar	Choolaipallam	500	2015-2016	Chennai Middle School, Kamaraj Street

Sl No.	WardNo./ Name	Streets	No. of persons	Years	Relief centre
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	Jothi ramalingam 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, - BazaarRoad
		Total	2195		

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There is one battery power edlight 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.

S.No	Ward No.	Contact person	
		Designation	Contact No.
1	130,132	Assistant Engineer	9445477683
2	127,128	Assistant Engineer	9445191458
3	136,138,139	Assistant Engineer	9445191453
4	131,134	Junior Engineer	9445191456
5	140,142	Junior Engineer	9445191457
6	129,135,137	Junior Engineer	9445191455
7	133,141	Junior Engineer	9445191454
8	127, 128	Lighting Inspector	9445036536
9	137	Lighting Inspector	9445190933
10	130, 132	Lighting Inspector	9445190917
11	127 to 142	Assistant Executive Engineer (Electrical)	9445190050
12	127 to 142	Divisional Engineer (HQ)	9445190754

National Disaster Response Force (NDRF)

In this zone, the NDRF to best ationed locations is given below,

Sl.No.	Ward No.	Where NDRF to be stationed and deployed
1	138	Nsk Salai Corporation Mandabam to Pari Nagar
2	139	Nsk Salai 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–631152

PhoneNo.04177– 246594/246269



Ward 138, Pari Nagar

Rescue Boats

Rescue operations during flood require the services of boats in the form of Catamaran/ rubber inflatableding hies/FRP both powered and manually operated. Availability of boats invicinity off looded areas plays an important part in rescueoperations. 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 rescueteams. The details of boats required along with the stationed locations are given below.

Sl. No.	Ward No.	Number of boats required with location /evacuation areas / location	Contact No
1	127	Sai Nagar	Assistant Engineer 9445190427
2	138	River View road	Assistant Engineer 9445190438
3	138	MGR Nagar School	Assistant Engineer 9445190438
4	139	Gangaiamman koil street Jn.of West Jones road	Assistant Engineer 9445190439

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 8 debris lorries, 5 skids teer loaders and 1 frontend 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 - 5 Nos
Skid steer loaders (Bobcat) - 1Nos
(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

Lesst han 2.5m streets that cannot be accessed by Vehicles

Sl.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 4th Lane
3	131/ Ram Colony	Appasamy Lane, R.N.Nambiar Lane &Kasikulam SlumTen Lanes
4	135/ Ashok Nagar	Ottagapalayam I to 13 street
5	136/ K.K.Nagar	MGR Nagar Nedunchezian lane 1 to 10 lanes, MGR Nagar Anjugam cross street, Vijayaragavapuram CrossStreet 1st Lane &Vijayaragavapuram 2nd lane
6	137/K.K.Nagar	MGR Nagar Ponmanachemmal Street, Anbanandam 1st Street, Anbanandam 2nd Street, Anbanandam 3rd Street, Misha Abraham Cross Street, Choolai Street & Muthuramalinga Devar 1st and 2nd Street
7	138/Jafferkhanpet	Jafferkhanpet Kanni 2nd Street, Pachaiappan 1st cross lane, MGR Nagar Zakir Hussain 1st lane, MGRNagar Pulithevan 1st cross lane, MGR Nagar Pulithevan 2nd cross lane, Jafferkhanpet Ayyavoo 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 responsibilitiesof each officers are well described in the page number 163 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	Assistant Engineer	9445191458
GCC- Health	Sanitary Inspector	9445025927
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	7395979897 9840409576 8056039819
Revenue	Revenue Inspector	9384094040
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930127
TANGEDCO	Junior Engineer	9280071838 9445850303
BSNL	Assistant Engineer	9444979668
Fireservice	Inspector	944510090
Policestation	Inspector	9750642343
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	9566215665

Ward Committee– 128 **Ward Councillor-9445467128**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190428
GCC-Electrical	Assistant Engineer	9445191458
GCC- Health	Sanitary Inspector	9445025928
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solidwastemanagement	Assistant Executive Engineer	8778850556
GCC-Revenue	TaxCollector	9790786308 9884050788
Revenue	Revenue Inspector	9384094040
GCC-Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930128
TANGEDCO	Junior Engineer	9445850207 9884767147 9280071831
BSNL	Assistant Engineer	9444213464
Fireservice	Inspector	9444510090
Policestation	Inspector	9003159233
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	Junior Engineer	9445191455
GCC- Health	Sanitary Inspector	**9445025929**
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solidwastemanagement	Assistant Executive Engineer	**8778850556**
GCC-Revenue	Tax Collector	9080728941, 9841114608 9444123536
Revenue	Revenue Inspector	**866 744 3605**
GCC-Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930129
TANGEDCO	Junior Engineer	94458550223, 9445850207
BSNL	Assistant Engineer	044-23762344
Fireservice	Inspector	9445086067
Policestation	Inspector	9003159233, 9440355190
PWD	Assistant Engineer	9976083628
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Committee– 130 **Ward Councillor-9445467130**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190430
GCC-Electrical	Assistant Engineer	9445477683
GCC- Health	Sanitary Inspector	9445025930
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9444886007,9790789528 9840028339
Revenue	Revenue Inspector	8838234547
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930130
TANGEDCO	Junior Engineer	9445850204
BSNL	Assistant Engineer	9444961176
Fireservice	Inspector	9444772010
Policestation	Inspector	6380355900
PWD	Assistant Engineer	9445190430
TNSCB	Executive Engineer	9445477683
Highways	Assistant Engineer	9445025930

Ward Committee– 131 **Ward Councillor-9445467131**

Name of the department	**Designation**	**Contact Number**
GCC-Engineering	Assistant Engineer	9445190431
GCC-Electrical	Junior Engineer	9445191456
GCC- Health	Sanitary Inspector	9445190931
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engi-neer	8778850556
GCC-Revenue	Tax Collector	9840535780 8072563435
Revenue	Revenue Inspector	8838234547
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930131
TANGEDCO	Junior Engineer	9445850223 / 9445850205 / 9445850225
BSNL	Assistant Engineer	9445884422/9486108393
Fireservice	Inspector	**9445086046**
Policestation	Inspector	**9498100182**
PWD	Assistant Engineer	9444165367
TNSCB	Executive Engineer	8072380917
Highways	Assistant Engineer	8072380917

Ward Committee– 132 **Ward Councillor-9445467132**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190432
GCC-Electrical	Assistant Engineer	9445477683
GCC- Health	Sanitary Inspector	9445190932
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9551836556, 8825529909 8838252134
Revenue	Revenue Inspector	9384094033
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930132
TANGEDCO	Junior Engineer	9280071829
BSNL	Assistant Engineer	
Fireservice	Inspector	9445086046
Policestation	Inspector	9498100185 6380355900
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	Junior Engineer	9445191454
GCC- Health	Sanitary Inspector	9445025933
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9841249399, 9941856100
Revenue	Revenue Inspector	9841249399, 9941856100 9710184273, 9444228211
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930133
TANGEDCO	Junior Engineer	94458 50764 94458 50765
BSNL	Assistant Engineer	9445884422/9486108393
Fireservice	Inspector	9445086046
Policestation	Inspector	6369853530, 9786051975, 7904468289, 9884511722
PWD	Assistant Engineer	7904960896
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Committee– 134 **Ward Councillor-9445467134**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190434
GCC-Electrical	Junior Engineer	9445191456
GCC- Health	Sanitary Inspector	9445025934
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9789905841 8825760599
Revenue	Revenue Inspector	9384094042
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930134
TANGEDCO	Junior Engineer	9280069495
BSNL	Assistant Engineer	9445884422/9486108393
Fireservice	Inspector	9445086046
Policestation	Inspector	9498143372, 9498100182 9842563999,
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	Junior Engineer	9445191455
GCC- Health	Sanitary Inspector	9445025935
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	8754570336, 9444123145 9791134091
Revenue	Revenue Inspector	9384094042
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930135
TANGEDCO	Junior Engineer	9445850205 / 9445850204 /9445850206
BSNL	Assistant Engineer	9445884422/9486108393
Fireservice	Inspector	9445086046
Policestation	Inspector	9498100182
PWD	Assistant Engineer	7010622932
TNSCB	Executive Engineer	9444165367
Highways	Assistant Engineer	8072380917

Ward Committee– 136 **Ward Councillor-9445467136**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190436
GCC-Electrical	Assistant Engineer	9445191453
GCC- Health	Sanitary Inspector	9445025936
GCC–Veterinary	Veterinary Assistant Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9043853058, 667494089 7598353556
Revenue	Revenue Inspector	9384094040
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930136
TANGEDCO	Junior Engineer	9445850210 9445850209
BSNL	Assistant Engineer	9444213464
Fireservice	Inspector	9445086046
Policestation	Inspector	8524018720 8825800849
PWD	Assistant Engineer	9444313022
TNSCB	Executive Engineer	7598343853
Highways	Assistant Engineer	8072380917

Ward Committee– 137 **Ward Councillor- 9445467137**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190437
GCC-Electrical	Lighting Inspector	9445190933
GCC- Health	Sanitary Inspector	9445625937
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	6374002058, 9962244411 9498001392
Revenue	Revenue Inspector	9384094040
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930137
TANGEDCO	Junior Engineer	9445850211 / 9445850209 /9445850210
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	Inspector	9444118320
PWD	Assistant Engineer	9884219380
TNSCB	Executive Engineer	9942773961
Highways	Assistant Engineer	9841184976

Ward Committee– 138 **Ward Councillor–9445467138**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190438
GCC-Electrical	Assistant Engineer	9445191453
GCC- Health	Sanitary Inspector	9445025938
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	8838005959
Revenue	Revenue Inspector	8838005959, 6374128267 7401738881
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930138
TANGEDCO	Junior Engineer	9962546664
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	Inspector	8524018720, 8838824924
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	9445025939
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9444057321
Revenue	Revenue Inspector	9384094042
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930139
TANGEDCO	Junior Engineer	9445850780 9445850226
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9629960903
Police station	Inspector	9840579400
PWD	Assistant Engineer	9789846616
TNSCB	Assistant Engineer	9444154235
Highways	Assistant Engineer	97898233456

Ward Committee– 140 **Ward Councillor-9445467140**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190440
GCC-Electrical	Junior Engineer	9445191457
GCC- Health	Sanitary Inspector	9445025940
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9943743091
Revenue	Revenue Inspector	8148893229
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930140
TANGEDCO	Junior Engineer	9445850770/ 9445850778 / 9445850780
BSNL	Assistant Engineer	9444961176
Fire service	Inspector	9445086046
Police station	Inspector	9498100166,9443981183 7010968727
PWD	Assistant Engineer	9789846616
TNSCB	Assistant Engineer	9444154235
Highways	Assistant Engineer	97898233456

Ward Committee– 141 **Ward Councillor-9445467141**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190441
GCC-Electrical	Junior Engineer	9445191454
GCC- Health	Sanitary Inspector	9445025941
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	9176675553 7871681071
Revenue	Revenue Inspector	99414428371
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930141
TANGEDCO	Junior Engineer	9445850781 / 9445850768
BSNL	Assistant Engineer	9445010411
Fire service	Inspector	9445086046
Police station	Inspector	6369853530 +919786051975
PWD	Assistant Engineer	9789846616
TNSCB	Assistant Engineer	9444154235
Highways	Assistant Engineer	97898233456

Ward Committee– 142 **Ward Councillor–9445467142**

Name of the department	Designation	Contact Number
GCC-Engineering	Assistant Engineer	9445190442
GCC-Electrical	Junior Engineer	9445191457
GCC- Health	Sanitary Inspector	9445025942
GCC–Veterinary	Veterinary Surgeon	6385156774
GCC-Solid waste management	Assistant Executive Engineer	8778850556
GCC-Revenue	Tax Collector	8610755688
Revenue	Revenue Inspector	99414428371
GCC-Park overseer	Park Supervisor	866 744 3605
CMWSSB	Assistant Engineer	8144930142
TANGEDCO	Junior Engineer	9280073630 / 9280073629
BSNL	Assistant Engineer	9449813373
Fireservice	Inspector	9445086048
Policestation	Inspector	9788863516 9940508689
PWD	Assistant Engineer	9444027947
TNSCB	Assistant Engineer	9445802633
Highways	Assistant Engineer	8903050707

ZONE - XI

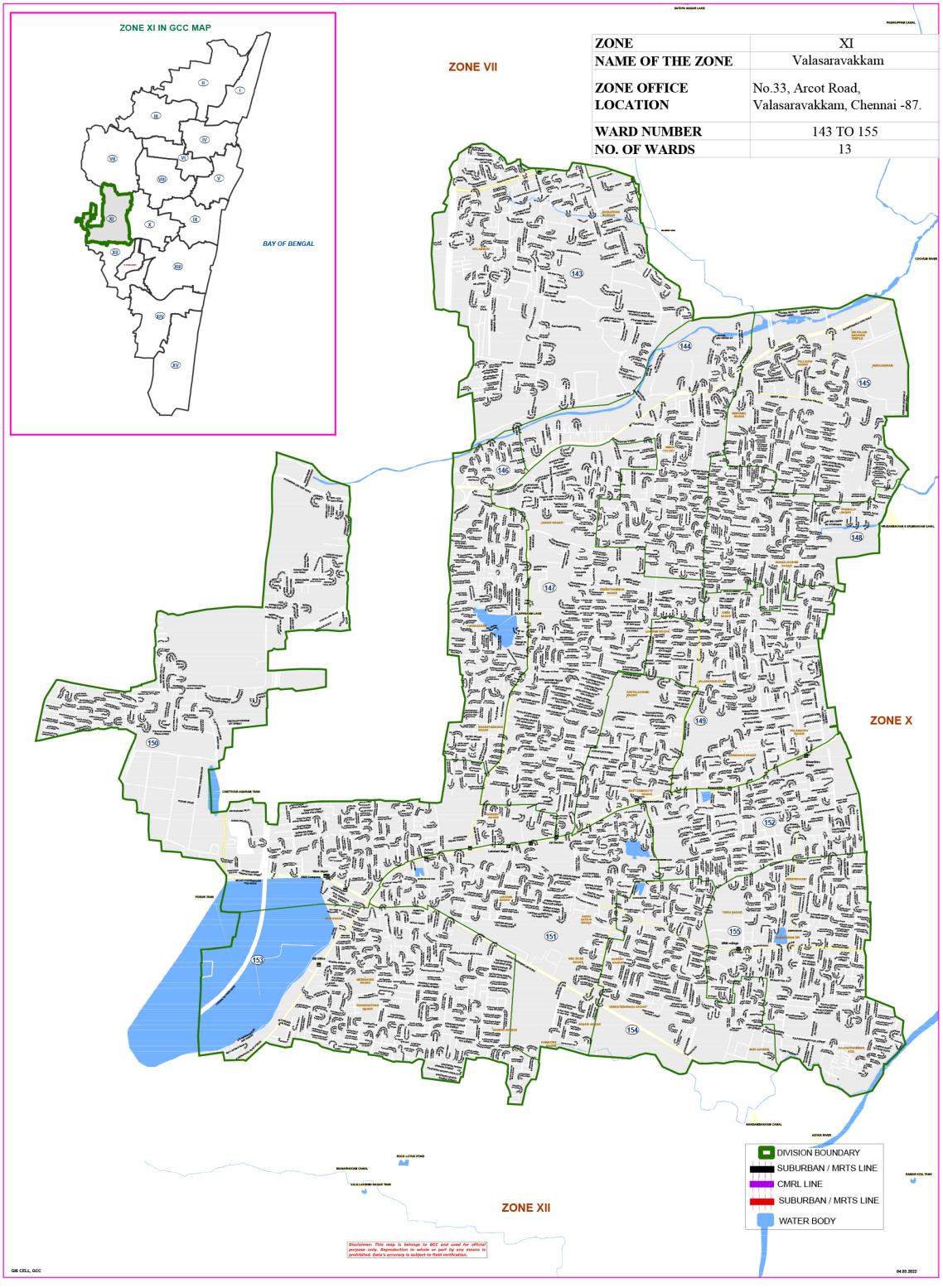
ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	605
2	Zone Administration	606
3	Public Health & Disease Control	607
4	Parks	607
5	Sewage Pumping Station	610
6	Tamil Nadu Urben Habitat Development Board	610
7	Water Bodies and Water ways	611
8	Storm Water Drain	614
9	Water stagnated streets in the previous monsoon - heavy rain fall	614
10	Water stagnated streets in the previous monsoon - mild rain fall	625
11	Water stagnated streets in the previous monsoon - moderate rain fall	625
12	Stagnation of water in streets during sewer block	627
13	Relief centre	628
14	Subway	630
15	Tree fall	630
16	Streets - where water entered houses - do not require evacuation	631
17	Streets that require evacuation	632
18	Lighting facilities	633
19	National Disaster Response force	634
20	Rescue Boats	634
21	Transport Equipments & Lorries	635
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	635
23	Ward Committee	636

VALASARAVAKKAM

ZONE XI - WARD BOUNDARY

GREATER CHENNAI CORPORATION
ZONE - XI
TN GOVT. GAZATTE NO.408 DATED:14.12.2018



ZONE	XI
NAME OF THE ZONE	Valasaravakkam
ZONE OFFICE LOCATION	No.33, Arcot Road, Valasaravakkam, Chennai -87.
WARD NUMBER	143 TO 155
NO. OF WARDS	13

Profile

The Valasaravakkam zone lies in Latitude 13.04094°, Longitude 80.17215° covering an area of 31.61Sq.km.

There are 3172 roads, out of which 3149 roads to a length of 401.32 Km are Interior Roads, 19 Roads to a length of 6.06 Km are Bus Route Roads which are maintained by GCC and the remaining 3 Roads to a length of 24.76 Km are under the maintained Highways Department and 1 Road to a length of 4.00 Km are NHAI .

The population is about 3.83 Lakhs that has Male population of 50.48% and Female population of 49.5% in this zone. The most densed area is Maduravayal with a population of 46364 and the least is Porur with a population of 20819. The Ward wise population is given below,

Sl.No.	Ward. No/Name	Total House Holds	Total Population
1	143 Nolambur	9850	24623
2	144 Madhuravoil	5817	22630
3	145 Nerkundram	5710	40165
4	146 Madhuravoil	7387	25623
5	147 Madhuravoil	8929	46364
6	148 Nerkundram	5645	20819
7	149 Valasaravakkam	8365	31146
8	150 Karambakkam, Sivabootham	6199	25795
9	151 Porur	7274	22331
10	152 Valasaravakkam	8070	26186
11	153 Porur	8477	34365
12	154 Ramapuram	4486	25296
13	155 Ramapuram	7577	37893
Total		93786	383236

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
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.

Sl. 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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Sanitory Officer	Unit - 32	9445191433
2	Sanitory Officer	Unit - 33	9445191433
3	Sanitory Officer	Unit - 34	9445191433

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.

Sl. 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	9445190691
6	Sanitary Officer	Unit-34	9445190691

Parks

There are 46 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,

Sl. No.	Team member contact No	Equipment available	Area of operation
1	9941433821 Park Overseer	Power saw – 13	Valasarvakkam

Sl.No	Ward	Name Of Ward	Location of the Park
1	143	Nolambur	Phase-I 7th Main Road
2	143	Nolambur	Phase-I 3rd Main Road
3	143	Nolambur	Phase-I 9th Main Road (New)
4	143	Nolambur	Phase-II, 7th Cross Street
5	143	Nolambur	Phase-II ,3rd Cross Street
6	143	Nolambur	Phase-2 ,13th cross street
7	143	Nolambur	Phase-1,9th main road
8	143	Nolambur	Channal Road
9	143	Nolambur	Phase-I 13th Cross Street
10	143	Nolambur	MCK Layout Park
11	143	Nolambur	phase -1, 1st main road park
12	143	Nolambur	phase -1, 6th main road (road side park)
13	143	Nolambur	phase -1, 6th cross street park
14	143	Nolambur	S&P Garden 1st main road
15	143	Nolambur	VGN Monte carlo, Garden street
16	143	Nolambur	VGN Monte carlo, Park street
17	143	Nolambur	VOC Salai Park
18	143	Nolambur	S&P Garden 8th Cross Street park
19	144	Maduravoyal	VGP Amutha Nagar park
20	147	Maduravoyal	Pallavan Nagar main road
21	147	Maduravoyal	Arignar Anna park
22	147	Maduravoyal	Bharthi nagar Park
23	149	Valasaravakkam	Periyar park, Dr. Radhakrishnan Salai
24	149	Valasaravakkam	Thiru.vi.ka Gandhi Road
25	149	Valasaravakkam	Varadha park , Brindhavan Nagar 5th Street
26	149	Valasaravakkam	Alsa park Arcot Road (Near Kesavard-hini Bus Stop)

Sl.No	Ward	Name Of Ward	Location of the Park
27	149	Valasaravakkam	Ceebros park , Neithal Street
28	149	Valasaravakkam	Brindhavan Nagar park, Venkateshwara nagar main road
29	150	Karambakkam	Metro nagar 4th Avenue
30	150	Karambakkam	Ponni Amman Koil Street
31	150	Karambakkam	Sri Parasnath Nagar Samulal Street
32	150	Karambakkam	Maruthi Nagar Bharathiyar Street
33	150	Karambakkam	Maruthi Nagar Phase - 3 1st Main Road
34	150	Karambakkam	Subagiri Nagar Park
35	151	Porur	Lakshmi Nagar 40 feet
36	151	Porur	Sabari Nagar
37	153	Porur	Kanniappan Salai
38	153	Porur	Ramakrishna Nagar
39	153	Porur	Ramaswami Nagar
40	153	Porur	Udaya Nagar
41	153	Porur	Sterling Avenue Park
42	154	Ramapuram	Kurinji Nagar park
43	154	Ramapuram	Giri nagar park
44	155	Ramapuram	Eswaran nagar 3rd street
45	155	Ramapuram	Jai Balaji nagar 1st main road
46	155	Ramapuram	Azhagapuri nagar 6th avenue
47	155	Ramapuram	KP nagar main road
48	155	Ramapuram	Royala nagar 1st main road

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,

Sl.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 Urban Habitat Development Board

There are 4 TNUHDB 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,

Sl. 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	1000
3	150 Karambakkam, Sivabootham	Gandhi nagar	150	750
4	150 Karambakkam, Sivabootham	Thundalam anna nagar	500	1500
		Total	940	3410

Contact details

Department	Designation	Area	Contact No.
TNUHDB	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,

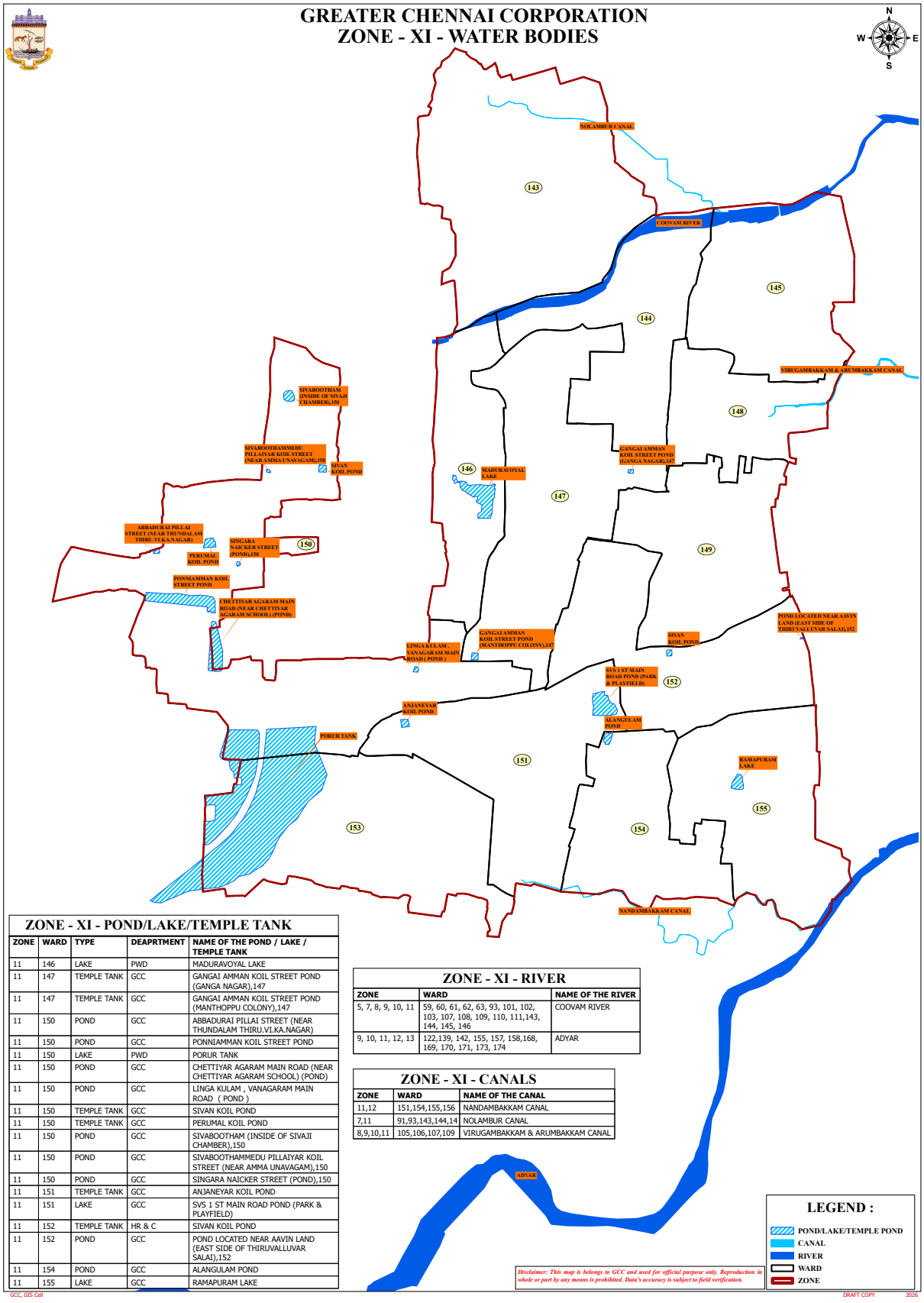
Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	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

Other water bodies

Sl 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 m^2
5	152	Valasaravakkam lake (Mohan breweries lake)	1.4 acre
6	155	Ramapuram lake	1.5 hec
7	150	Chettiyar agaram Tank	84900 m^2
8	151	Anjaneyar koil pond	4220 m^2
9	152	Sivan koil pond	1.5 acre
10	154	Alangulam pond	580 m^2

GREATER CHENNAI CORPORATION
ZONE - XI - WATER BODIES



ZONE - XI - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
11	146	LAKE	PWD	MADURAVOYAL LAKE
11	147	TEMPLE TANK	GCC	GANGAI AMMAN KOIL STREET POND (GANGA NAGAR),147
11	147	TEMPLE TANK	GCC	GANGAI AMMAN KOIL STREET POND (MANTHOPPU COLONY),147
11	150	POND	GCC	ABBADURAI PILLAI STREET (NEAR THUNDALAM THIRU.VI.KA.NAGAR)
11	150	POND	GCC	PONNIAMMAN KOIL STREET POND
11	150	LAKE	PWD	PORUR TANK
11	150	POND	GCC	CHETTIYAR AGARAM MAIN ROAD (NEAR CHETTIYAR AGARAM SCHOOL) (POND)
11	150	POND	GCC	LINGA KULAM , VANAGARAM MAIN ROAD (POND)
11	150	TEMPLE TANK	GCC	SIVAN KOIL POND
11	150	TEMPLE TANK	GCC	PERUMAL KOIL POND
11	150	POND	GCC	SIVABOOTHAM (INSIDE OF SIVAJI CHAMBER),150
11	150	POND	GCC	SIVABOOTHAMMEDU PILLAIYAR KOIL STREET (NEAR AMMA UNAVAGAM),150
11	150	POND	GCC	SINGARA NAICKER STREET (POND),150
11	151	TEMPLE TANK	GCC	ANJANEYAR KOIL POND
11	151	LAKE	GCC	SVS 1 ST MAIN ROAD POND (PARK & PLAYFIELD)
11	152	TEMPLE TANK	HR & C	SIVAN KOIL POND
11	152	POND	GCC	POND LOCATED NEAR AAVIN LAND (EAST SIDE OF THIRUVALLUVAR SALAI),152
11	154	POND	GCC	ALANGULAM POND
11	155	LAKE	GCC	RAMAPURAM LAKE

ZONE - XI - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

ZONE - XI - CANALS

ZONE	WARD	NAME OF THE CANAL
11,12	151,154,155,156	NANDAMBAKKAM CANAL
7,11	91,93,143,144,14	NOLAMBUR CANAL
8,9,10,11	105,106,107,109	VIRUGAMBAKKAM & ARUMBAKKAM CANAL

LEGEND :

- POND/LAKE/TEMPLE POND
- CANAL
- RIVER
- WARD
- ZONE

Disclaimer: This map is belongs to GCC and used for official purpose only. Reproduction in whole or part by any means is prohibited. Data's accuracy is subject to field verification.

GCC, GIS Cell DRAFT COPY 2026

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..

Sl.NO	Dn. No	Total SWD	
		No of Drain.	Length in Km
1	143	24	7.95
2	144	62	8.9
3	145	139	23.78
4	146	107	16.44
5	147	79	17.73
6	148	190	26.32
7	149	139	23.78
8	150	119	24.71
9	151	133	10.06
10	152	46	9.32
11	153	179	45.42
12	154	99	17.07
13	155	77	16.74
Total		1393	248.22

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.

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

Sl. 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
2	143 Nolambur	VG-N nagar(Phase-III)	7.5 HP	VG-N nagar (Phase- III) 2nd cross street	Disposed to service road
3	143 Nolambur	Sakthi nagar	5 HP	Sakthi nagar 2nd avenue	Disposed to sriram nagar
4	143 Nolambur	VGN nagar	5 HP	Pada salai cross street	Disposed to sriram nagar
5	143 Nolambur	Vembuli amman koil street	5 HP	Vembuli amman koil street	Disposed toPhase I 8th main road
6	144 Madhuravoil	MMDA Colony 4th , 5th & 6th block	5 HP	MMDA Colony 4th , 5th & 6th block	MMDA Colony SWD
7 Madhuravoil	144	Varalakshmi nagar	10 HP	Varalakshmi nagar	Varalakshmi nagar SWD
8	144 Madhuravoil	Nagathamman koil street	5 HP	Nagathamman koil street	Varalakshmi nagar SWD
9	144 Madhuravoil	VGP Amudha nagar	5 HP	VGP Amudha nagar	-
10	144 Madhuravoil	MSP nagar	5 HP	MSP nagar	-
11	144 Madhuravoil	Om sakthi nagar	5 HP	Om sakthi nagar	-
12	144 Madhuravoil	PH road	5 HP	PH road	-
13	144 Madhuravoil	Abirami nagar main road	5 HP & 10 HP	Abirami nagar main road	-
14	145 Nerkundram	Pallavan Nagar	5 HP, 7HP & 10 HP	Pallavan Nagar	-
15	145 Nerkundram	Ambiga nagar	100 HP, 80 HP & 10 HP	Ambiga nagar	-
16	145 Nerkundram	Sakthi nagar	10 HP	Sakthi nagar	-

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
28	148 Nerkundram	VOC Street	5 HP	VOC Street	Disposed to Thiruvalluvar salai SWD
29	148 Nerkundram	Gandhi street	5 HP	Gandhi street	Disposed to Thiruvalluvar salai SWD
30	148 Nerkundram	Anbu nagar	5 HP, 10 HP, 25 HP, & 15 HP	Anbu nagar 6th,7th street & Near 5th street vacant land	Disposed to Pond
31	148 Nerkundram	Balaji nagar	5 HP	Balaji nagar	Pillayar koil 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
33	148 Nerkundram	Balavinayagar street	5 HP, 8 HP & 10 HP	Balavinayagar , Thankal karai	Jayaram nagar 1st main road SWD
34	148 Nerkundram	CDN nagar	5 HP & 10 HP	CDN nagar	NT patel road ,CDN SWD
35	148 Nerkundram	Periyar nagar thankal karai	8 HP & 10 HP	Periyar nagar thankal karai	Mettukuppam salai SWD
36	149 Valasaravak-kam	Velan nagar	8 HP & 10 HP & 25 HP	Radha avenue 4th , 5th, 3rd street	Indra gandhi salai SWD
37	149 Valasaravak-kam	Radha avenue	10 HP motor	Srilakshmi nagra 3rd , 5th,11th street	Anbu nagar 2nd street SWD
38	149 Valasaravak-kam	Anbu nagar	10 HP & 8 HP motor	Anbu nagar 2nd street	Anbu nagar main road SWD
39	149 Valasaravak-kam	Sri Lakshmi nagar	10 HP	Srilakshmi nagra 3rd , 5th,11th street	Radha avenue main roadSWD
40	150 Karambakkam, Sivabootham	Doss main road	5 HP	Near by TVK 2nd street	Disposed to By pass service road
41	150 Karambakka m, Sivabootham	Sannathi street	5 HP	Near by TVK 2nd street	Disposed to By pass service road
42	150 Karambakkam, Sivabootham	Bharathiyar street	5 HP	Near by TVK 2nd street	Disposed to By pass service road
43	150 Karambakkam, Sivabootham	Natarajan street	5 HP	Near by TVK 2nd street	Disposed to By pass service road
44	150 Karambakkam, Sivabootham	Thiruveethiamman koil st	7.5 HP	Moorthy nagar	Disposed to By pass service road
45	150 Karambakkam, Sivabootham	Thundalam perumal koil street	7.5 HP	Moorthy nagar	Disposed to By pass service road
46	150 Karambakkam, Sivabootham	Sri Parasnath nagar main road	20 HP	Maruthi nagar 3rd street	Disposed to By pass service road

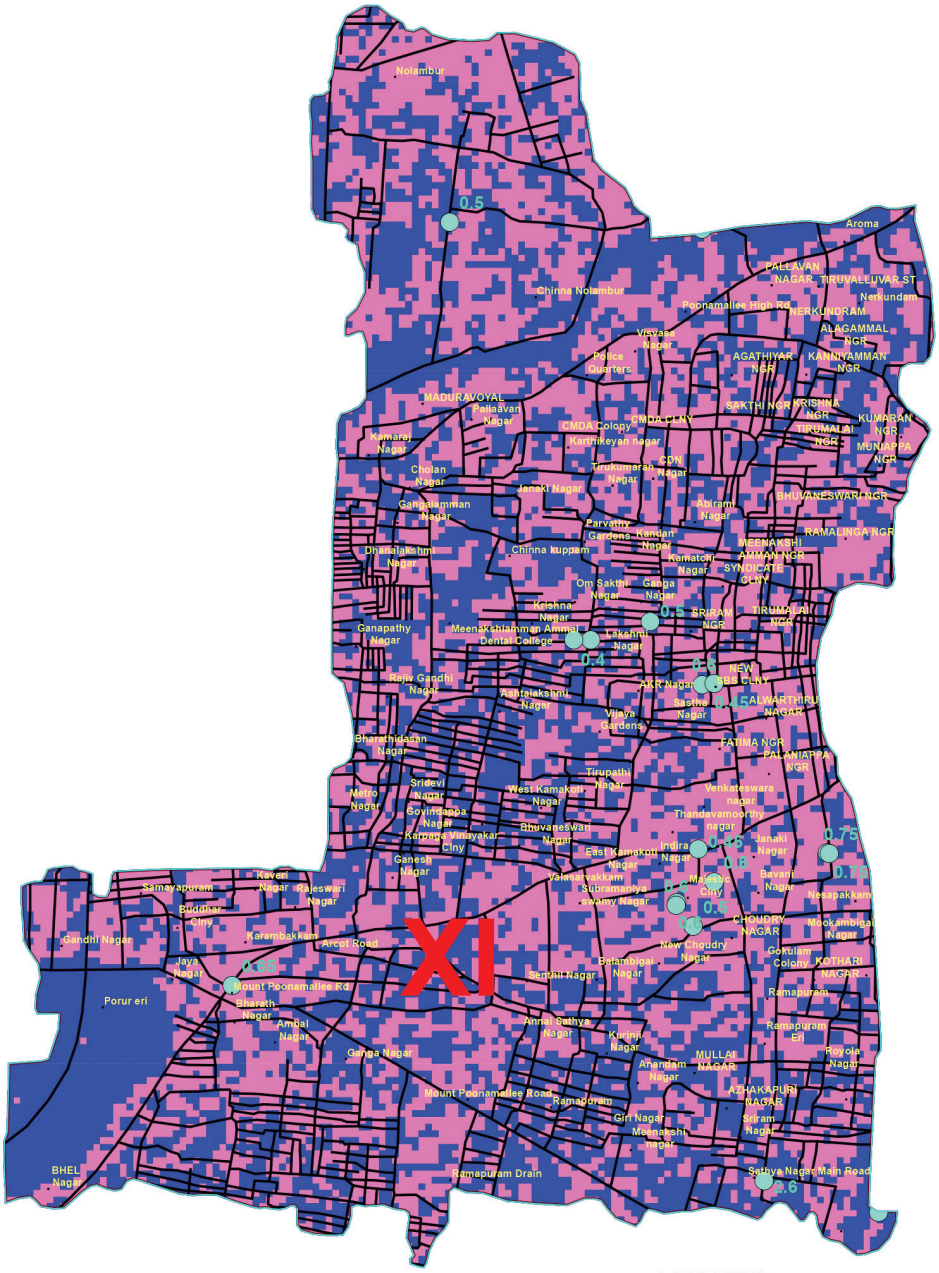
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
47	150 Karambakkam, Sivabootham	Punniyakkotti nagar main road	-	Maruthi nagar 3rd street	Disposed to By pass service road
48	150 Karambakkam, Sivabootham	Avvai street	5 HP	Samayapuram 5th street	Disposed to By pass service road
49	150 Karambakkam, Sivabootham	Mullai street	7.5 HP	Samayapuram 5th street	Disposed to By pass service road
50	150 Karambakkam, Sivabootham	Arcot road	7.5 HP and 10.5 HP	Kanna street	A1 Mutton stall
51	150 Karambakkam, Sivabootham	Sai karna villa	10 HP	-	Disposed to By pass service road
52	150 Karambakkam, Sivabootham	Moorthi nagar	10 HP and 7.5 HP	-	Disposed to By pass service road
53	151 Porur	Arcot road (ETA Building)	10 HP and 7 HP	In front of ETA Building	Disposed to Lakshmi nagar 40 feet road SWD
54	152 Valasaravakkam	Sairam avenue	10 HP	Sairam avenue 1st & 2nd st	Arcot road
55	152 Valasaravakkam	SVS nagar main road	30 HP	SVS nagar main road	Disposed to Kambar street dn 151
56	152 Valasaravakkam	SVS nagar annex	20 HP	SVS nagar annex	Disposed to Kambar street dn 151
57	152 Valasaravakkam	Janakiram 6th street	5 HP	Janakiram 6th street	SWD Prakasam street
58	152 Valasaravakkam	Veerappa nagar	20 HP	Veerappa nagar	Arcot road
59	152 Valasaravakkam	Om Sakthi nagar 3rd,4th street	10 HP	Om Sakthi nagar 3rd,4th street	Omsakthi nagar main road SWD
60	152 Valasaravakkam	Majestic colony	100 HP	Jn of Chowdry nagar & Alagiri street	Chowdry nagar 5th street SWD

S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
61	152 Valasaravak-kam	Madurai meenatchi nagar	10 HP	Madurai meenatchi nagar main road	Majestic colony main road SWD
62	152 Valasaravak-kam	Subramaniya swamy nagar	30 HP	Subramaniya swamy nagar	Dr,Ambedkar road SWD
63	153 Porur	Ganesh avenue 1st to 10th street	10 HP	Ganesh avenue 9th street Corner	Ganesh avenue 8th street SWD
64	153 Porur	Ramakrishna nagar 6th avenue	5 HP	Ramakrishna nagar 6th avenue centre	Udaya nagar SWD
65	153 Porur	RE nagar 1 & III street (East)	10 HP	RE nagar 1 street (East)	Eswaran koil street SWD
66	153 Porur	Ekambaram street	10 HP	Ekambaram street centre	Suresh nagar 4th street
67	153 Porur	R.K.Nagar 6th Avenue	5 HP	Ramakrishna nagar 6th avenue centre	Udaya nagar SWD
68	153 Porur	Suresh nagar 4th street	5 HP	Suresh nagar 4th street middle	Udaya nagar SWD
69	153 Porur	Ramasamy nagar main road	5 HP	Ramasamy nagar main road middle	Udaya nagar SWD
70	153 Porur	Kundrathur main road	10 HP	RE nagar 1st street	RE nagar 1st street SWD
71	154 Ramapuram	Kurinji nagar 2nd street	5 HP	Kurinji nagar 2nd street	Bharathi salai
72	154 Ramapuram	Bharathi salai	10 HP	Bharathi salai	Disposed to Bharathi salai SWD
73	154 Ramapuram	Balambigai nagar 5th street	10 HP	Balambigai nagar 5th street	Disposed to Balambigai nagar 5th streetSWD
74	154 Ramapuram	Kulakarai south street	10 HP	Kulakarai south street	Disposed to Kambar salai Side drain

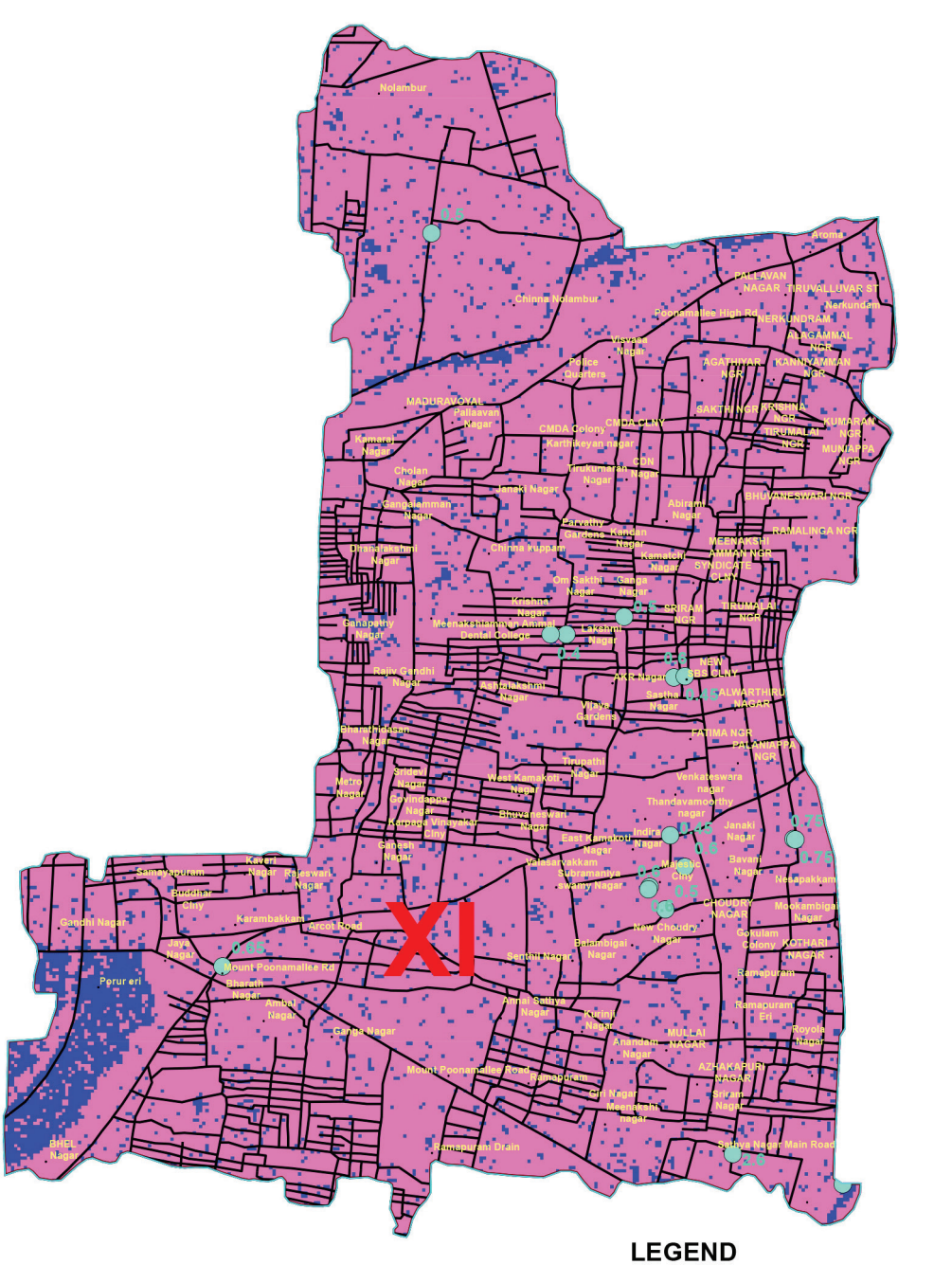
S. No	Ward/Name	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
75	155 Ramapuram	Amman nagar	When Adayar river level decreased automatically went to storm water drains.	-	-
76	155 Ramapuram	Royala nagar		-	-
77	155 Ramapuram	Kalasathamman koil street		-	-
78	155 Ramapuram	Chellammal nagar		-	-
79	155 Ramapuram	Michel garden		-	-
80	155 Ramapuram	Thiruvalluvar salai (Part)		-	-
81	155 Ramapuram	Bakthi vedhandha avenue		-	-
82	155 Ramapuram	Kothari Nagar	10 HP	Kothari nagar 1st main road, 9th, 8th street	Disposed to Thiruvalluvar salai SWD, Senthamil nagar SWD
83	155 Ramapuram	Thirumalai Nagar	10 HP	Angel street	Disposed to Balakrishna nagar main road
84	155 Ramapuram	Gangaiya avenue	10 HP	Gangaiah 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 3RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



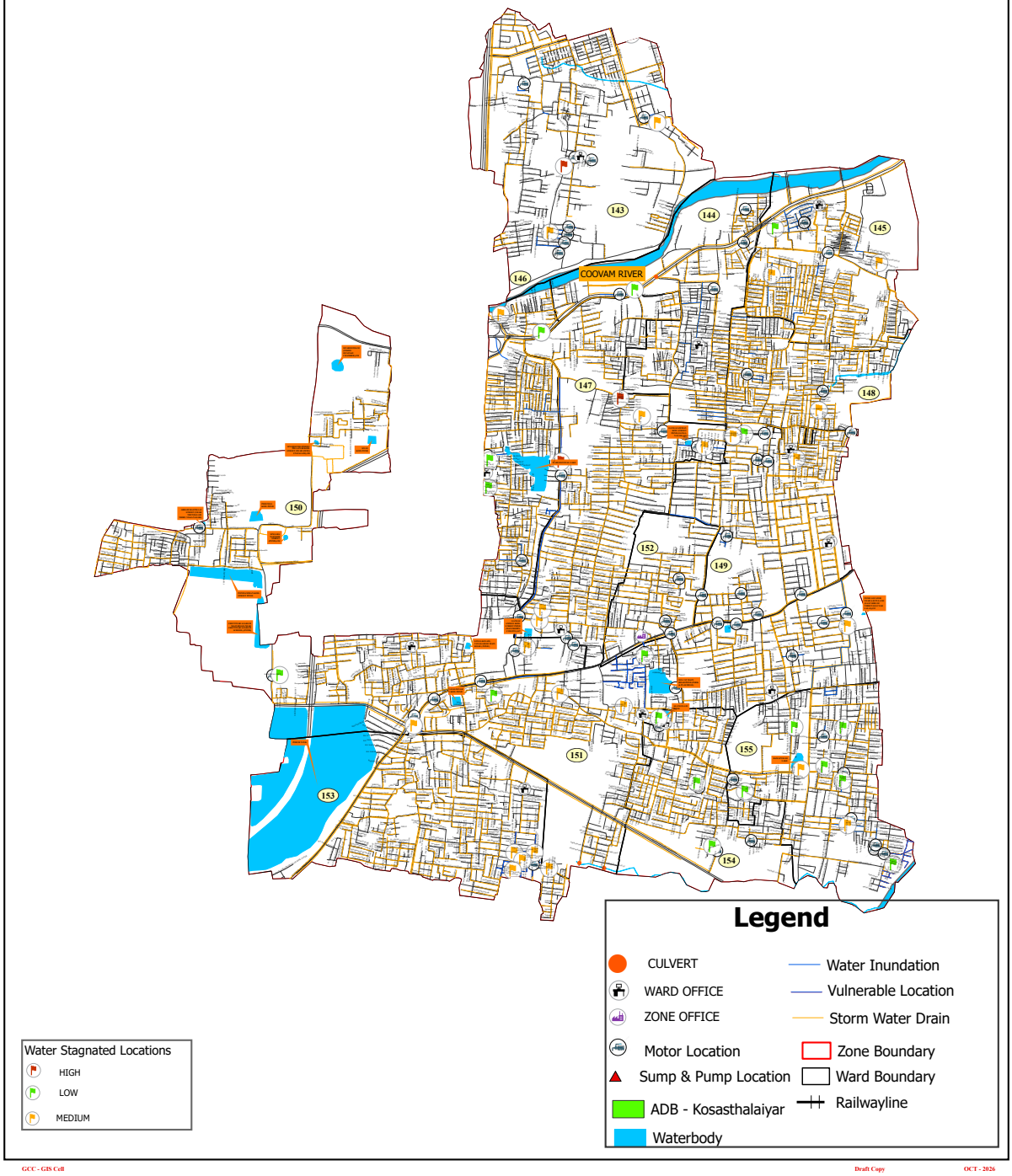
INUNDATION EXTENT ON 7TH DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE

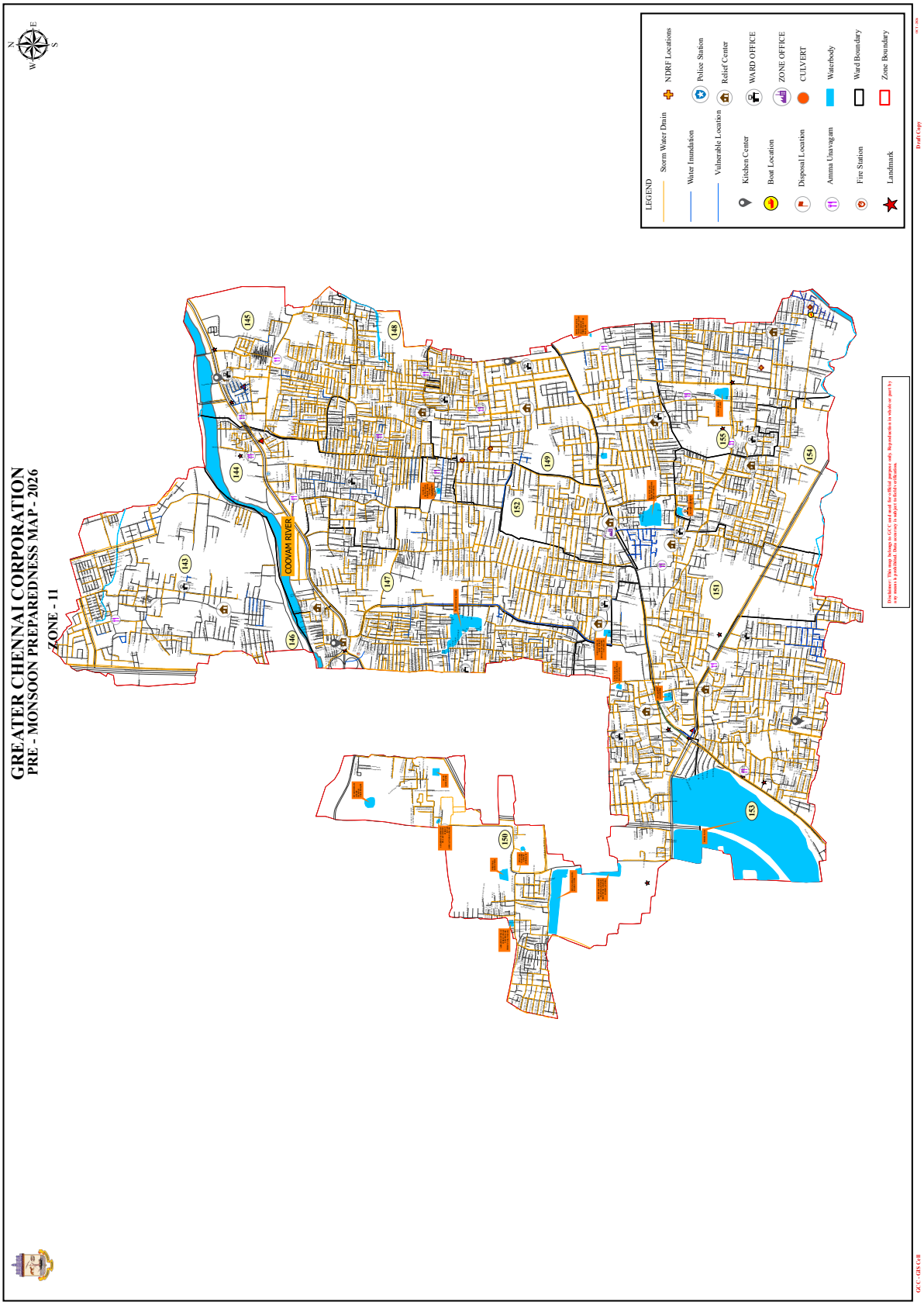

Nolambur
Chinna Nolambur
MADURAVOYAL
Pallavan Nagar
CMDA Colony
Karthikeyan Nagar
Janaki Nagar
Chitra Nagar
Rajiv Gandhi Nagar
Bharathidasan Nagar
Kaveri Nagar
Rajeswari Nagar
Gandhi Nagar
Karambakkam
Arcot Road
Jaya Nagar
Mount Poonamallee Rd
Bharathi Nagar
Ambal Nagar
Ganga Nagar
Perur eri
BHEL Nagar
Ramapuram Drain
Mount Poonamallee Road
Ramapuram
Kamaraj Nagar
Cholan Nagar
Ganga Amman Nagar
Thiruvalluvar Nagar
Kannagi Nagar
Kamaraj Salai
Ganapathy Nagar
Meenakshiammal Dental College
Lakshmi Nagar
Om Sakthi Nagar
Krishna Nagar
Vijaya Gardens
Sastha Nagar
Tirupathi Nagar
Sridevi Nagar
Mehru Nagar
Govindappa Nagar
Kamaraj Salai
Sathya Nagar
Vijayaraj Nagar
West Kamaraj Nagar
Bhuvaneswari Nagar
East Kamaraj Nagar
Valasaravakkam Subramaniya Swamy Nagar
Indira Nagar
Thandavamoorthy nagar
Venkateswara nagar
Janaki Nagar
Bavani Nagar
Nesapakkam
Choudry Nagar
New Choudry Nagar
Bhuvaneswari Nagar
Gokulam Colony
Kothari Nagar
Ramapuram
Ramapuram Eri
Royola Nagar
Kirinji Nagar
Ambedkar Nagar
Mettu Nagar
Azhakapuri Nagar
Sriram Nagar
Gnanakkan Nagar
Sathya Nagar Main Road
Palavar Nagar
Thiruvalluvar St
Nerkundram
Nerkundram High Rd
Vijayaraj Nagar
Police Quarters
Agathiyan Nagar
Kannivamman Nagar
Sakthi Nagar
Arunachala Nagar
Thirumal Nagar
Bhuvaneswari Nagar
Ramalinga Nagar
Abiram Nagar
Parvathy Gardens
Kumaran Nagar
Chitra Nagar
Sriram Nagar
Fatima Nagar
Palaniappa Nagar
Alwarthiru Nagar
Ashok Nagar
Nehru Nagar
Tirupathi Nagar
Vijaya Gardens
Bharathidasan Nagar
Sridevi Nagar
Kaveri Nagar
Rajeswari Nagar
Gandhi Nagar
Jaya Nagar
Bharathi Nagar
Ambal Nagar
Ganga Nagar
Kirinji Nagar
Ambedkar Nagar
Mettu Nagar
Azhakapuri Nagar
Sriram Nagar
Gnanakkan Nagar
Sathya Nagar Main Road
XI
0.5
0.4
0.45
0.75
0.8
0.6
0.7
0.65
0.8
0.8
0.8

GREATER CHENNAI CORPORATION

VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS

ZONE - 11




GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 11
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Amma Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
COOVAM RIVER
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
Draft Copy

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) (High-ways)
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 2015 - 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	150	Arcot road near Mahalakshmi nagar
2	151	Mount poonamallee high road, service road
3	151	Arcot road, Arasu TVS
4	151	Arcot road near A1 Mutton stall
5	152	Thiruvalluvar salai
6	155	Bakthivedhantha avenue
7	155	Ramapuram lake
8	155	Rayala nagar 2nd street
9	143	Padasalai cross street
10	143	VGN Nagar phase I, 2nd cross street
11	145	Chelliamman koil street

12	145	Sakthi nagar 8th street
13	146	Srilakshmi nagar, MGR Street
14	146	Bharathidasan Nagar 10th street
15	146	Bharathidasan Nagar 2nd main road
16	147	Perumal koil street
17	147	Ganga nagar Gandhi street
18	151	SVS Nagar 1st main road
19	153	Ganesh Avenue 8th street
20	153	Subasree Nagar Extn main road
21	155	Kothari Nagar 6th street
22	143	Tatia nagar phase – III
23	143	Tatia nagar phase – II
24	145	Pallavan Nagar
25	144	Madha koil street
26	144	MMDA colony 7th blcok main road (Part)
27	146	Rajiv gandhi nagar , MGR Street
28	146	Rajiv gandhi nagar, Periyar street
29	150	Indira Nagar
30	150	Ponniyamman koil street
31	150	Thiru.vi.ka nagar main road
32	151	Ambedkar road
33	151	School street
34	155	Jai balaji nagar

Stagnation of water in streets due to sewer blocks

Sl. 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 13 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

Sl.no	Ward	Ca-pacity	Name of thwe Relief centre Available	list of people should be shifted	Drinking Water	Toi-lets	Cooking Centre	Respon-siblities	Officer in-charge	Contact No.
1	143	250	Chennai Middle School No31, Padasalai Street, Nolambur, Chennai-600095	Pada Salai Street	yes	yes	No	Sanitation, Medicine	SI	9940244179
								Evacuation	AE	9445190443
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190443
2	144	350	Govt Higher Sec School, Sannathi Street, Madura-voyal, Chen-nai600095	Sannathi Street	yes	yes	No	Sanitation, Medicine	SI	9940244179
								Evacuation	AE	9445190444
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190444
3	145	150	Akshaya Mahaal, Karunegar Street, Nerkundram, Chennai - 600 107	Karunikar Street	yes	yes	No	Sanitation, Medicine	SI	9941171771
								Evacuation	AE	9445190445
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190445
4	146	400	Shri Seethalak-shmi Thirumana Man-dabam, Maduravoayal, Chennai-600095	Poonamallee Highway	yes	yes	No	Sanitation, Medicine	SI	9940244179
								Evacuation	AE	9445190446
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190446
5	147	250	Chennai Middle School, Perumal Kovil Street Alapa-kkam, Maduravoyal, Chennai-95	Perumal Koil St	yes	yes	No	Sanitation, Medicine	SI	9940244179
								Evacuation	AE	9445190447
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190447

Sl.no	Ward	Ca-pacity	Name of thwe Relief centre Available	list of people should be shifted	Drinking Water	Toi-lets	Cooking Centre	Respon-siblities	Officer in-charge	Contact No.
6	148	100	Rani Mahal, No31A, Mettukup-pam High Road, Nerkundram, Chennai600107	Kamaraj High Road	yes	yes	No	Sanitation, Medicine	SI	9941171771
								Evacuation	AE	9445190448
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190448
7	149	500	Kalyani Mahal, Radhakrishnan Salai, Valasarav-akkam, Chennai - 600 087	Radhakrishanan Salai	yes	yes	No	Sanitation, Medicine	SI	9941171771
								Evacuation	AE	9445190449
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190449
8	150	250	Chennai High School, School Street, Karamab-akkam, Chennai - 600 116	Karambakkam School Street	yes	yes	No	Sanitation, Medicine	SI	9962526363
								Evacuation	AE	9445190450
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190450
9	151	200	Krishnaveni Kaly-ana Mandapam, Porur, Chennai - 600 116	Arcot Road	yes	yes	No	Sanitation, Medicine	SI	9962526363
								Evacuation	AE	9445190451
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190451
10	152	300	ADW high school, Chowdri Nagar, Valasaravakkam, Chennai - 6 00187	Chowdry Nagar Main Road	yes	yes	No	Sanitation, Medicine	SI	9941171771
								Evacuation	AE	9445190452
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190452
11	153	200	Govthigh Schol, Chitty Street, Porur, Chennai - 600 116	Chetti Street	yes	yes	No	Sanitation, Medicine	SI	9962526363
								Evacuation	AE	9445190453
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190453

Sl.no	Ward	Ca-pacity	Name of thwe Relief centre Available	list of people should be shifted	Drinking Water	Toi-lets	Cooking Centre	Respon-siblities	Officer in-charge	Contact No.
12	154	150	Assisi Matrichigh-ersec/School, Anandan Nagar, Ramapuram Chennai - 600 089	Anandam Nagar Main Road	yes	yes	No	Sanitation, Medicine	SI	9962526363
								Evacuation	AE	9445190454
								Food & Drinking water	ARO	9445190091
								Relief Materials	AE	9445190454
13	155	250	Valli vedivelan kalyana manda-bam Royal nagar 1st main Raod	Prakasam Street	yes	yes	No	Sanitation, Medicine	SI	9962526363
								Evacuation	AE	9445190455
								Food & Drinking water	ARO	9445190091
								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	144	Poonamallee high road near UPHC
3	145	Karuneegar Street
4	147	Janaki Nagar 5th Street
5	149	Murlikrishna nagar main road
6	149	Velan nagar 9th street
7	149	Velan nagar 5th street
8	149	AKR nagar 1st main road
9	150	Maruthi Nagar

10	151	Chinna Porur
11	152	Thirupathi Nagar 2nd Cross Street
12	154	Shanthi Nagar Kannappan Street
13	155	Kothari Nagar 7th Street and 8th Street
14	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,

Sl.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 1st , 10th, 28th 7th street
7	147 Madhuravoil	Pallvan nagar ext
8	147 Madhuravoil	Pallvan nagar 1st 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

Sl.No.	Ward / Name	Name of the area/ streets
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 1st
21	150 Karambakkam, Sivabootham	Moorthi nagar 3rd st
22	150 Karambakkam, Sivabootham	Moorthi nagar 2nd st
23	152 Valasaravakkam	Kadambadiamman koil sannathi st
24	152 Valasaravakkam	Janaki nagar 6th street
25	152 Valasaravakkam	Sairam avenue
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 accomodated in Rani Mahal and Gym building. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details are given below.

Floodreliefcentresidentifledforpreviousmonsoon

No.	ward/Name	Streets	No. of persons	Year	Relief centre
1	148 Nerkundram	Periyarnagar	160	2015	Rani mahal
2	151 Porur	Chinnaporur	35	2015	Gym building
Total			195		

Flood relief centres identifled for previous monsoon (2022-23)

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.

Sl. No.	Ward	Contact person	
		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.

Sl.No.	Ward	Number of boats required with location /evacuation areas	Contact person & Number
1	151	SVS Nagar Pond	Assistant Engineer 9445190451
2	155	Amman Nagar	Assistant Engineer 9445190455

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 3 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 readiness
Debris lorry - 5
Skid steer loaders (Bob cat) -4
(Front end loader) JCB- 1
BOV- 2
Dog & Cattle Catcher- 2
Water tanker Lorry- 1
Ambulance- 1

Mechanical Department	contact No
Assistant Engineer.	9445190491 / 9043361361

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

Sl.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,Sri 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 163 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	9445025949
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190643
GCC - Revenue	Tax Collector	9884224053
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930143
TANGEDCO	Junior Engineer	9445850336/5
BSNL	Assistant Engineer	9445010700
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	9498100117
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 144 Ward Councillor -9445467144

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190443
GCC - Electrical	Assistant Engineer	9445477687
GCC- Health	Sanitary Inspector	9445025946
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190643
GCC - Revenue	Tax Collector	7395979897
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930144
TANGEDCO	Junior Engineer	9445850304/5/7
BSNL	Assistant Engineer	9444953548
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452766
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	790850998
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	9445025949
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190645
GCC - Revenue	Tax Collector	6374002058
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930268
TANGEDCO	Junior Engineer	9445850307
BSNL	Assistant Engineer	9444965556
Fire service	Inspector	04424769101/86670767785
Police station	Inspector	04424873820/9498113857
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 146 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	Sanitary Inspector	9445025646
GCC - Revenue	Tax Collector	7395979897
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930146
TANGEDCO	Junior Engineer	9448580304/5/7
BSNL	Assistant Engineer	9444000272
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452766
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9590850998
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	Sanitary Inspector	9445190647
GCC - Revenue	Tax Collector	9444415714
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930147
TANGEDCO	Junior Engineer	9445850304/5/7
BSNL	Assistant Engineer	9444993300
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452766
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 148 Ward Councillor -9445467148

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190448
GCC - Electrical	Assistant Engineer	9445477685
GCC- Health	Sanitary Inspector	9445025952
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190648
GCC - Revenue	Tax Collector	8122946727
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930148
TANGEDCO	Junior Engineer	9445850307
BSNL	Assistant Engineer	9444979396
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04424873820
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
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	9445025952
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190649
GCC - Revenue	Tax Collector	9380182879
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930149
TANGEDCO	Junior Engineer	9445850218/20
BSNL	Assistant Engineer	9445392328
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 150 Ward Councillor -9445467150

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190450
GCC - Electrical	Assistant Engineer	9445477684
GCC- Health	Sanitary Inspector	9445025950
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190650
GCC - Revenue	Tax Collector	9790779925
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930150
TANGEDCO	Junior Engineer	9445850263
BSNL	Assistant Engineer	9445026657
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452767
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9791734587
Highways	Assistant Divisional Engineer	9444254404

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	Sanitary Inspector	9445190651
GCC - Revenue	Tax Collector	9444806952
Revenue	Revenue Inspector	9444511421
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930151
TANGEDCO	Junior Engineer	9445850259
BSNL	Assistant Engineer	9445026657
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452767
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9791734587
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 152 Ward Councillor -9445467152

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190452
GCC - Electrical	Assistant Engineer	9445191459
GCC- Health	Sanitary Inspector	9445025951
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190652
GCC - Revenue	Tax Collector	9710879159
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930152
TANGEDCO	Junior Engineer	9445850218/20
BSNL	Assistant Engineer	9445392328
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9790850998
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	9840094340
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190653
GCC - Revenue	Tax Collector	9791182959
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930153
TANGEDCO	Junior Engineer	9445850260/1
BSNL	Assistant Engineer	9445026657
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04423452767
PWD	Assistant Engineer	044 2486 4626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9791734587
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 154 Ward Councillor -9445467154

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190454
GCC - Electrical	Assistant Engineer	9445477686
GCC- Health	Sanitary Inspector	9445025947
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9445190654
GCC - Revenue	Tax Collector	9499932851
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930154
TANGEDCO	Junior Engineer	9445850263
BSNL	Assistant Engineer	9444482692
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 2486 4626
TNSCB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9791734587
Highways	Assistant Divisional Engineer	9444254404

Ward committee – 155 Ward Councillor -9445467155

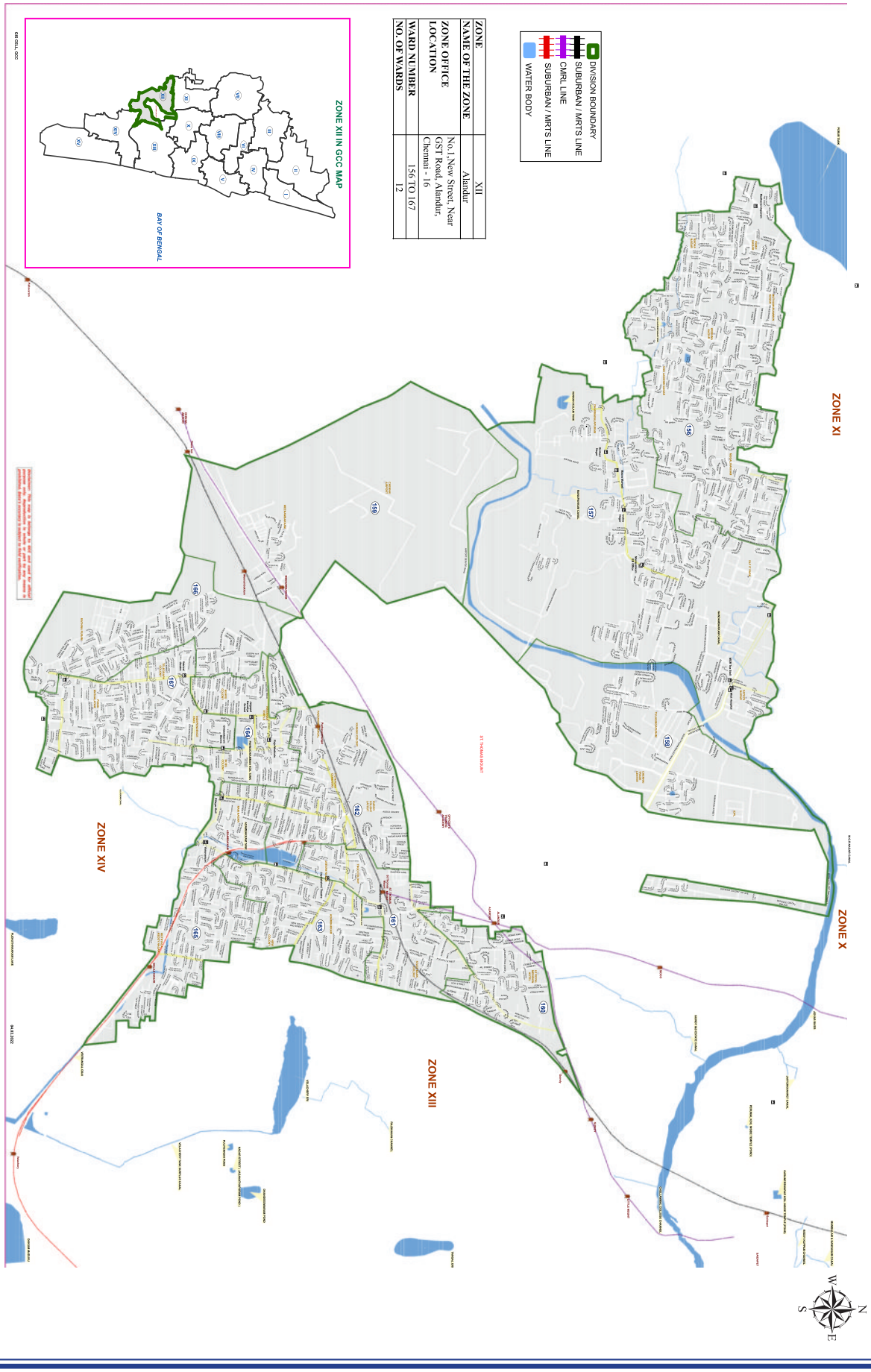
Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190455
GCC - Electrical	Assistant Engineer	9445477686
GCC- Health	Sanitary Inspector	9445190655
GCC - Veterinary	Veterinary Assistant Surgeon	9445194745
GCC - Solid waste management	Sanitary Inspector	9840094340
GCC - Revenue	Tax Collector	9499932851
Revenue	Revenue Inspector	8680973846
GCC - Park overseer	Park Supervisor	9445194751
CMWSSB	Assistant Engineer	8144930155
TANGEDCO	Junior Engineer	9445850263
BSNL	Assistant Engineer	9444482692
Fire service	Inspector	04424769101/ 86670767785
Police station	Inspector	04422496189
PWD	Assistant Engineer	044 24864626
TNUHDB	Assistant Engineer	9445074764
Highways	Divisional Engineer	9791734587
Highways	Assistant Divisional Engineer	9444254404

ZONE - XII

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	645
2	Zone Administration	646
3	Public Health & Disease Control	647
4	Parks	647
5	Sewage Pumping Station	649
6	Tamilnadu Urban Habitat Development Board	649
7	Water Bodies and Water ways	649
8	Storm Water Drain	651
9	Water stagnated streets in the previous monsoon - heavy rain fall	652
10	Water stagnated streets in the previous monsoon - mild rain fall	658
11	Water stagnated streets in the previous monsoon - moderate rain fall	658
12	Stagnation of water in streets during sewer block	658
13	Relief centre	658
14	Subway	663
15	Tree fall	663
16	Streets - where water entered houses - do not require evacuation	664
17	Streets that require evacuation	665
18	Lighting facilities	667
19	National Disaster Response force	667
20	Rescue Boats	668
21	Transport Equipments & Lorries	669
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	669
23	Ward Committee	669

ZONE XII - WARD BOUNDARY



ZONE	XII
NAME OF THE ZONE	Alandur
ZONE OFFICE LOCATION	No.1,New Street, Near GST Road, Alandur, Chennai - 16
WARD NUMBER	156 TO 167
NO. OF WARDS	12

Profile

The Alandur zone lies in Latitude 13.0052°, Longitude 80.20248° covering an area of 41.50 Sq.km.

There are 1785 roads, out of which 1739 roads are Interior Roads, 34 Roads are Bus Route Roads which are maintained by GCC and the remaining 12 roads are under the maintenance of Highways department.

The population is about 2.65lakhs that has Male population of 50.19% and Female population of 49.81% In this zone, the most denser area in the Ward 156 with a population of 37147 and the least ward 159 with a population of 3350The Ward wise population of the zone is given below,

Sl.No.	Ward No.	Total House Holds	Total Population
1	156	8125	37147
2	157	11121	24027
3	158	4100	11612
4	159	1100	3350
5	160	4305	30615
6	161	4750	20740
7	162	5000	32281
8	163	4250	27359
9	164	5500	19389
10	165	5579	25229
11	166	6250	22734
12	167	6053	29730
Total		66133	284213

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 officer are well described in the page number 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	156 to 161	9445190032
2	Executive Engineer-2	162 to 167	9445190037
3	Assistant Executive Engineer	Unit -35	9445190135
4	Assistant Executive Engineer	Unit -36	9445190136
5	Assistant Executive Engineer	Unit -37	9445190137
6	Assistant Divisional Engineer, Electrical	156 to 167	9445190052

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.

Sl. No.	Designation	Office Mobile Number
1	Sanitory Officer (Div.156-159)	9965846129
2	Sanitory Officer (Div.160-163)	9962604721
3	Sanitory Officer (Div.164-167)	9444362700

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.

Sl. 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	8667869294
4	Junior Entomologist	Zone XII	6379377153
5	Sanitary Officer	Unit -35	9965846129
6	Sanitary Officer	Unit -36	9962604721
7	Sanitary Officer	Unit -37	9444362700

Parks

There are 77 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,

Sl. No.	Team member contact No	Equipment available	Area of operation
1	9790241529 Park Overseer	21 Nos of Power saw	Alandur (Division 156 – 167)
2		14 Nos of Tree Pruner	
		1 No. of Sakthiman Vehicle	

S.No	Ward	Name / Location of the Park
1	156	Sabari nagar 5th street, Mary gold street,AGS Colony, Sabari Nagar 2nd Main road,V.N.D. Rajeswari Avenue Vaigai street,SSI Green Park, Madhanandhapuram Main road,Annai Velankanni Nagar Phase I 2nd Street,Annai Velankanni Nagar Phase I 5th Street,Madha Nagar 2nd street,Gurusamy Nagar Devadoass Street,V.N.D. Rajeswari Avenue Sindu street,Kumudam nagar,Ramamoorthy avenue sarajini street,AGS Colony phase -3,Nathamuni street park,AGS Colony Sabari nagar1st main road,Kundrathur main road,VGN Laksmi nagar Viswanathan Palani,Kalaimagal nagar park,Subhasri Nagar Extn ,Santhosh Nagar Park,XS Real Park,Annai Velankanni Park,Shanthinekathan Park,Miyawaki forest
2	157	River view colony Phase II,River view colony Phase I,BHEL nagar,Kavya garden,Macro marvel river county,Manappakkam Arcot Salai park,River view colony park, Sethulakshmi avenue park, CRR puram L&T park
3	158	Sundar 3rd Avenue nagar
4	160	New street
5	161	Officers Colony,TNGO Colony,Murugan Nagar,Jeevan nagar,
6	162	Thiruvalluvar nagar 1st street, Thiruvalluvar nagar 3rd street ,T.G. nagar 33rd street, Morrison 5th street, Nehru street
7	163	Shanthi nagar 3rd street, Surendhar nagar 3rd street
8	164	Nanganallur 29th street,Nehru street,
9	165	South sector II nd street,Balaji nagar, Nethaji street,Lakshmi nagar, Bharath nagar
10	166	Anna Park

S.No	Ward	Name / Location of the Park
11	167	Independence day park,Nanganallur 46th street,Lakshmi nagar 7th street,Vijay Avenue,Hindu colony,Jain staff colony,MMTC Colony , Eswaran street,Kanniga colony,Voltas colony 1st street,Voltas colony 3rd street,Lakshmi nagar 4th street,Kannan nagar 1st main road,SBI Colony Main Road ,Kannan nagar 1ST cross street,Civil aviation colony, Nanaganallur 100 feet road, East main road

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,

Sl. No.	Pumping Station	Category	Capacity
1	Nilamangai Nagar Pumping Station at Rajaram Street	HT	25 MLD
2	Kannan Colony Pumping Station at Kannan Colony 3rd Street	LT3	3 MLD
3	Meenambakkam Pumping Station at Kamaraj Street	LT2	2.5 MLD
4	Morrison Pumping Street at Morrison 5th Street	LT2	2.5 MLD
5	Madhavaperumal west street	Road side	0.5 MLD

Tamilnadu Urban Habitat Development Board

There are no TNUHDB tenements in Alandur Zone.

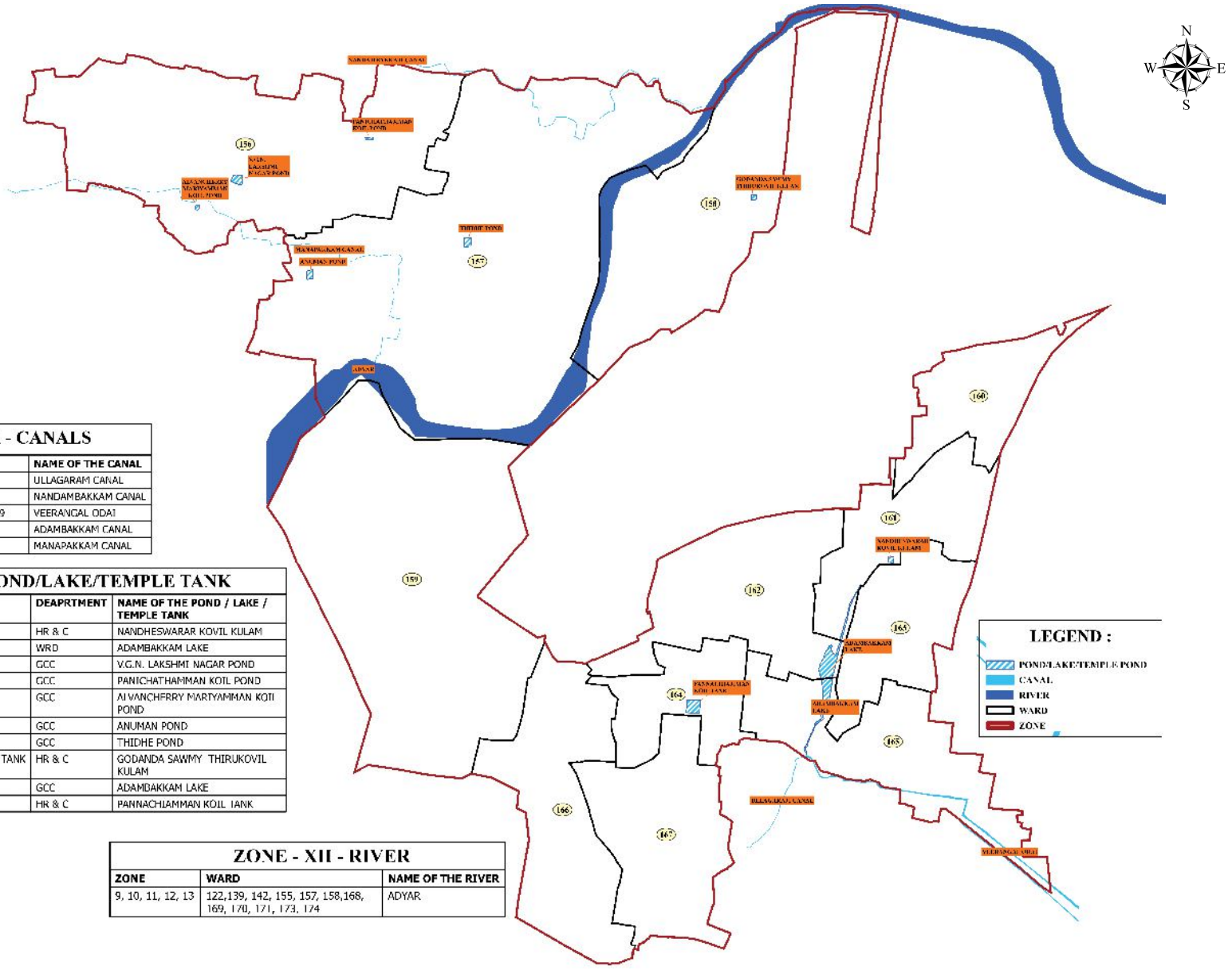
Water Bodies and Waterways

There is one canal passing in this zone Manapakkam canal, maintained by PWD whichoriginatesfromMugalivakkamandtravelsabout3Kminthezoneanddisposesvia 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,

ZONE XII - WATER BODIES



ZONE - XII - CANALS

ZONE	WARD	NAME OF THE CANAL
12,14	165,185	ULLAGARAM CANAL
11,12	151,154,155,156,157	NANDAMBAKKAM CANAL
12,13,14	165,176,185,186,188,189	VEERANGAL ODAI
12	161,162,165	ADAMBAKKAM CANAL
12	156,157	MANAPAKKAM CANAL

ZONE - XII - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
12	161	POND	HR & C	NANDHESWARAR KOVIL KULAM
12	161,162,165	LAKE	WRD	ADAMBAKKAM LAKE
12	156	LAKE	GCC	V.G.N. LAKSHMI NAGAR POND
12	156	POND	GCC	PANICHATHAMMAN KOIL POND
12	156	POND	GCC	ALVANCHERRY MARTYAMMAN KOIL POND
12	157	POND	GCC	ANUMAN POND
12	157	POND	GCC	THIDHE POND
12	158	TEMPLE TANK	HR & C	GODANDA SAWMY THIRUKOVIL KULAM
12	162	LAKE	GCC	ADAMBAKKAM LAKE
12	161	POND	HR & C	PANNACHIAMMAN KOIL TANK

ZONE - XII - RIVER

ZONE	WARD	NAME OF THE RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

Canals

Sl. No.	Name of the Canal	Ward covered	Maintained by	Length of Canal (Km)
1	Manapakkam canal	156 & 157	WRD	6.5
2	Nandambakkam canal	156 & 157	GCC	3.47
3	Veerangal oodai	165	GCC	1.8
4	Adambakkam Canal	161	PWD	0.91

Other water bodies

19S. No	Ward no.	Name of other water bodies	Length/Area in M^2
1	156	Panichathamman Koil Kulam	1440.3
2	156	Alwanchery (pond)	861.25
3	156	Vannankulam	4377.985
4	157	Hanuman kulam	2076.93
5	157	Thirithikulam , M.G.Road	2318
6	158	RamarKoil (Pond)	900
7	160	Subramaniya swamy koil (Pond)	618
8	161	Nandeeswaran Koilkulam in East Karikalan 1st street	1743.4
9	164	Panichiamman koil pond (Naganallur 4th main road)	10000
10	162	Adambakkam Lake	136800

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, Construction of New Integrated Storm Water Drain to a length of 30.27 Km at a cost of Rs.138.39.

Totally 939 storm water drains to a length of 185.6 Km were constructed to ease the flow of rain water in Alandur zone. The details of SWD and instructions to be followed before and during rain are given below..

Sl.No	Ward	Total no of SWD	Length of SWD in "m"
1	156	201	40400.00
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	185657.40

Streets - water stagnated on 2023 monsoon during heavy rain

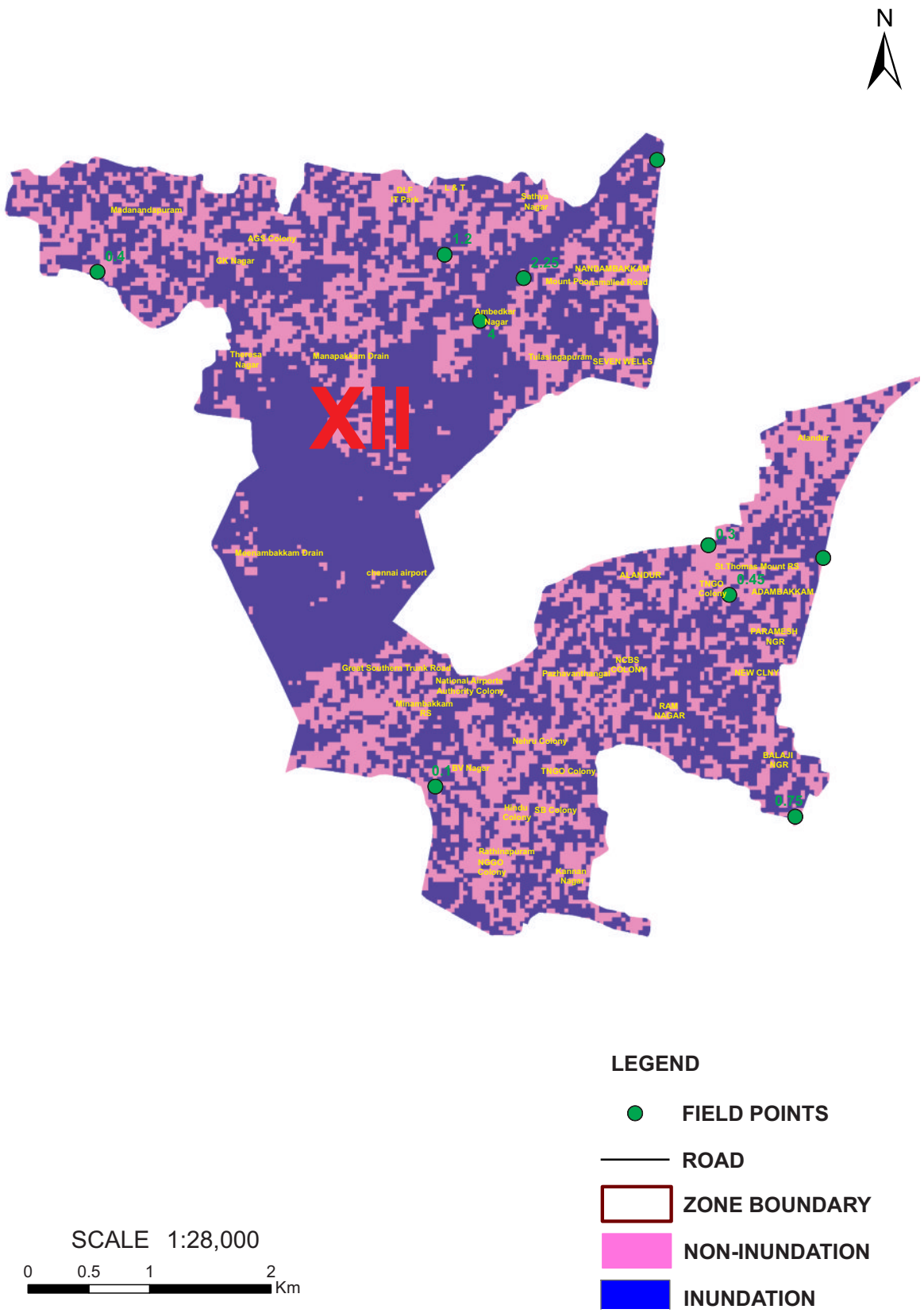
During the year 2023 monsoon, 31 inundated spots in this zone were identified and actions were taken to bail out the rain water. Most of the locations were flooded during the North- East Monsoon 2023 due to heavy rain and overflow of upstream water in the canals and Water bodies in this Zone..

S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
1	156	Thiruvalluvar	5 HP	Street corner	Near by drain
2	156	VGNlaxmi nagar		Street corner	Near by drain
3	156	Bhell nagar		Street corner	Near by drain
4	156	Gowri nagar		Street corner	Near by drain
5	156	Shanmuga nagar		Street corner	Near by drain
6	157	River view colony	25 HP & 100HP	Street corner	Near by drain
7	157	Bell nagar	100 HP & 25 HP	Street corner	Near by drain
8	157	Kavya garden	10 HP	Street corner	Near by drain
9	157	Sathya nagar	10 HP	Street corner	Near by drain
10	158	Woodgreek county 2 nd main road	1 HP	Street corner	Near by drain
11	158	Woodgreek county 3rdcross street		Street corner	Near by drain
12	158	Burma colony		Street corner	Near by drain
13	160	Madavapuram east street	2HP	Street corner	Near by drain
14	160	Madavapuram north street		Street corner	Near by drain
15	160	Madavapuram west street		Street corner	Near by drain
16	161	Raja street	5HP and 10 HP	Street corner	Near by drain
17	161	V O C nagar		Street corner	Near by drain
18	162	Thillai Ganga nagar 27 th street	10 HP and 15 HP	Street corner	Near by drain

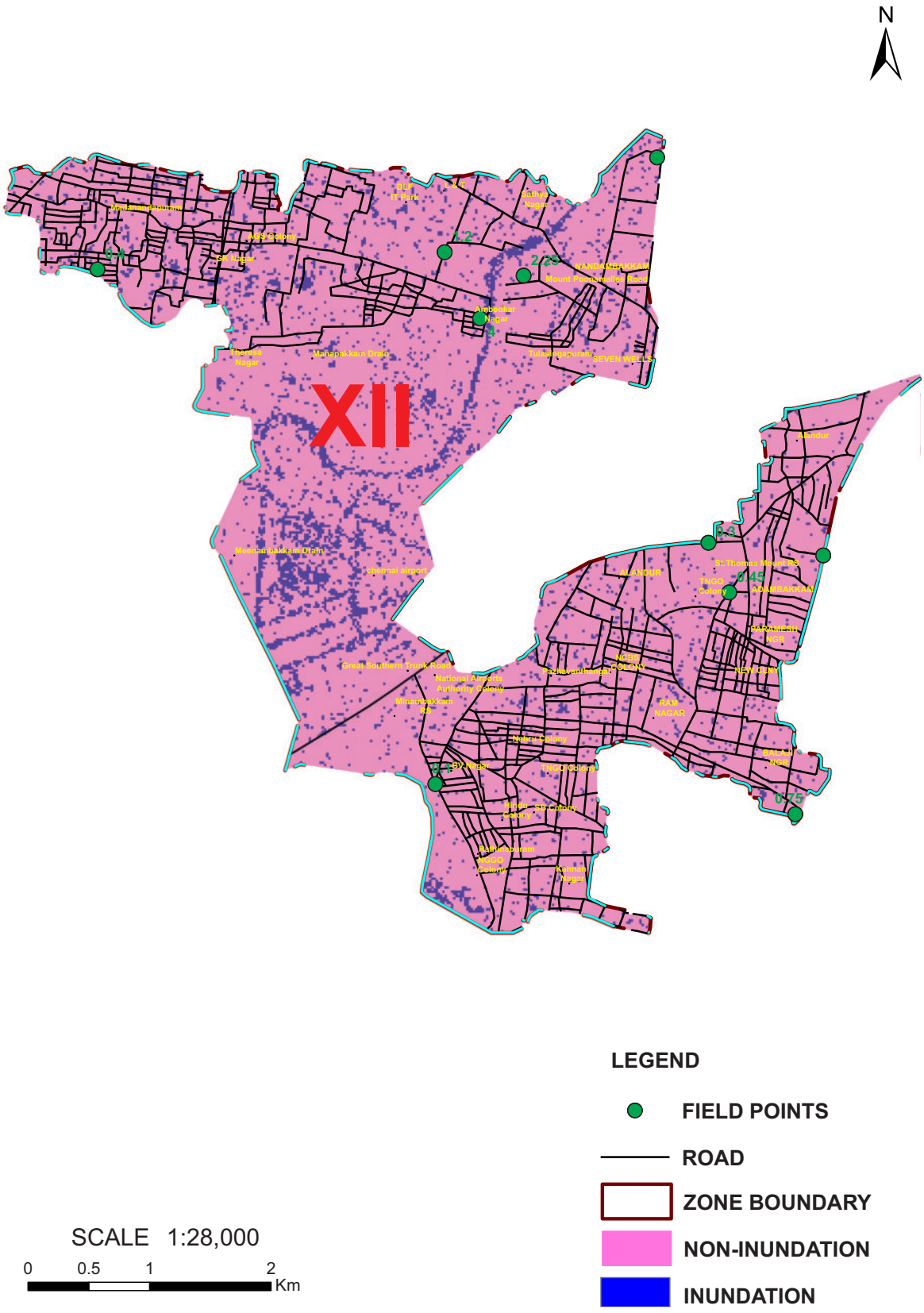
S.No	Ward	Streets where inundation seen	Capacity of pumps	Location of pumps	Disposal point
19	162	Thillai ganga nagar 28th street		Street corner	Near by drain
20	162	Kannan colony		Street corner	Near by drain
					Near by drain
21	163	Shanthi nagar 7th street	5HP	Street corner	Near by drain
22	163	Shanthi nagar 7th street extn		Street corner	Near by drain
23	164	Nehru colony 21st street	10HP and 15 HP	Street corner	Near by drain
24	164	Brindavan nagar		Street corner	Near by drain
25	165	Vallalar street	5 HP, 6HP and 7.5 HP and 10 HP.	Street corner	Near by drain
					Near by drain
26	165	Bhuvaneshwari nagar 3rd street		Street corner	Near by drain
27	165	Bharathidasan nagar main road, 2nd street		Street corner	Near by Through vacant land
28	167	Nanganallur 44th street		Jn of nanga nallur 4th main road	Near by drain
29	167	Lakshmi nagar 3rd stage 2nd street	2.5 HP	Voltas colony 5th street	Near by drain
30	167	East main road (Lakshmi nagar 4th stage)		Street corner	Near by drain

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.

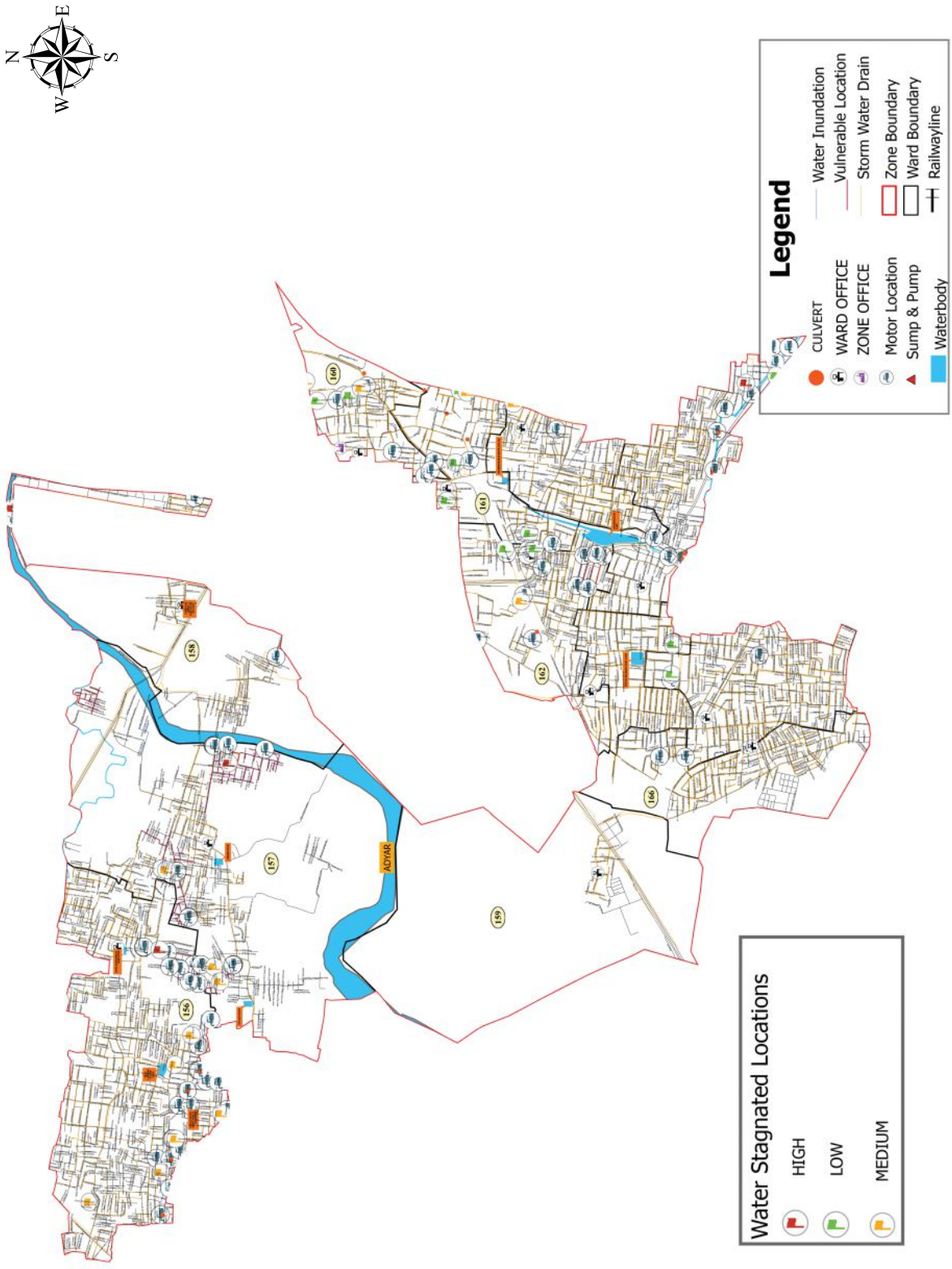
INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



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



ZONE XII
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS



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 during - moderate rain

S.No.	ward	Name of the Street
NIL		

Stagnation of water in streets due to sewer blocks

In Alandur Zone, the following were the streets which had sewer blocks.

Sl.No.	Ward	Streets	No. of manholes
NIL			

Relief Centres

There are 9 relief centres to a total capacity of 2450 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.

Sl. No.	ward	Name of relief centres	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Responsib-lities	Officer in-Charge	Contact No.
1	156	Govt.high school padasalai street, Mugalivakkam, chennai-600125	6	250	Yes	1 nos	Sanitation, Medicine	SI	9445025956
							Evacuation & Relief Materials	AE	94451 90756
							Food & Drinking water	SRO	95662 70882

Sl. No.	ward	Name of relief centres	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Responsib-lities	Officer in-Charge	Contact No.
2	156	Corporation primary school padasalai street, Mugalivakkam, chennai-600125	4	250	Yes	1 nos	Sanitation, Medicine	SI	9445025956
							Evacuation & Relief Materials	AE	94451 90756
							Food & Drinking water	SRO	95662 70882
3	156	Community Hall at Veera Sivaji Street, Mugalivakkam, chennai-600125	2 Hall	250	Yes	2 nos	Sanitation, Medicine	SI	9445025956
							Evacuation & Relief Materials	AE	94451 90756
							Food & Drinking water	SRO	95662 70882
4	157	Chennai Middle School, Manapakkam Main road, Manapakkam, chennai-600125	10	75	Yes	2 nos	Sanitation, Medicine	SI	9445025957
							Evacuation & Relief Materials	AE	94451 90757
							Food & Drinking water	SRO	95662 70882
5	158	Kuthallamman temple kalyanamandabam, Nandambakkam, chennai-600089	1 Hall	150	Yes	1 nos	Sanitation, Medicine	SI	9445025958
							Evacuation & Relief Materials	AE	94451 90758
							Food & Drinking water	SRO	95662 70882

Sl. No.	ward	Name of relief centres	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Responsib-lities	Officer in-Charge	Contact No.
6	158	Kuthallamman temple kalyanamandabam, Nandambakkam, chennai-600089	1 Hall	150	Yes	1 nos	Sanitation, Medicine	SI	9445025958
							Evacuation & Relief Materials	AE	94451 90758
							Food & Drinking water	SRO	95662 70882
7	159	Adidravidar High school, kamaraja street, Meenambakkam, Chennai-600027	10	250	Yes	2 nos	Sanitation, Medicine	SI	9445190159
							Evacuation & Relief Materials	AE	94451 90759
							Food & Drinking water	SRO	95662 70882
8	160	CHS School Jal street Alandur	10	200	Yes	1 nos	Sanitation, Medicine	SI	9445025960
							Evacuation & Relief Materials	AE	94451 90760
							Food & Drinking water	SRO	95662 70882
9	161	CPS AR Line School, Alandur, Chennai-600016	9	250	Yes	1 nos	Sanitation, Medicine	SI	9445025961
							Evacuation & Relief Materials	AE	94451 90761
							Food & Drinking water	SRO	95662 70882

Sl. No.	ward	Name of relief centres	No.of Rooms available	Accomodation capacity	Drinking water available	No.of Toilets	Responsib-lities	Officer in-Charge	Contact No.
10	163	CMS, Karuneegar street Adambakkam	4	50	Yes	1 nos	Sanitation, Medicine	SI	9445025963
							Evacuation & Relief Materials	AE	94451 90763
							Food & Drinking water	SRO	94451 90092
11	164	Community Hall Nehru Colony main road Palavanthagal	1 Hall	150	Yes	1 nos	Sanitation, Medicine	SI	9445025964
							Evacuation & Relief Materials	AE	94451 90764
							Food & Drinking water	SRO	94451 90092
12	165	Corporation school Nanganallur Ram nagar, 8th street, Nanganallur, Chennai-600061	3	100	Yes	1 nos	Sanitation, Medicine	SI	9445025965
							Evacuation & Relief Materials	AE	94451 90765
							Food & Drinking water	SRO	9445190092
Total			60	2025					

ZONE XII
PRE MONSOON PREPAREDNESS MAP



Subway

There are five 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.

Sl. No.	Ward.	Location	Length of the subway	Pumped water disposal point	Number of pump sets installed - regular/ standby to pump out water
1	160	Kathipara urban square	150m	Adyar river	Submersible (20HP – 2, Diesel 10HP – 1, Petrol 5 HP – 1)
2	161	Mount Subway	300m	Velachery Lake	Submersible (50Hp-2, 25Hp-1, 10Hp-1), Electric (25Hp-1, 10Hp-1), Disel (25Hp-1, 10Hp-2)
3	162	Thillai Ganga Subway	455m	Adambakkam Lake	Subermersible (50Hp-3, 25Hp- 3, 15Hp-1), Disel (25 Hp-4, 16Hp-1, 13Hp-2)
4	164	Phazhavanthangal subway	300m	Adambakkam Lake	Submesible (50Hp-2, 25Hp-1, 10Hp-1) Disel (25Hp-1, 12.5Hp-1, 12Hp-1, 5Hp-1)
5	166	Meenambakkam Subway	411m	Veerangal Oodai	Submersible (50Hp-1, 15Hp-2) Disel (32Hp-1, 16Hp-2)

Tree fall

During the last monsoon, in Alandur 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,

Sl.No.	Ward	Name of the Streets
1	156	Othavadai Street Mugalivakkam
2	157	Manapakkam Lakshmi nagar Main road

Sl.No.	Ward	Name of the Streets
3	164	Nanganallur 3rd Main Road
4	165	Nanganallur2nd Main Road
5	167	Nanganallur 100 Feet Road
6	165	Balaji Nagar 14th Street
7	165	Ram Nagar 2nd Main Road
8	156	Kumutham Nagar Padmavathi Street
9	157	Ashram Avenue Phase 1

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 2015 the under mentioned 25 locations were inundated for more than a day by which the normal day to day activity of 913 people were stand-stilled. Flood water from these areas were cleared by using 10 pumps rangining from 1 HP to 15 HP capacity. The identified vulnerable spots is as below,

Sl.No.	Ward	Name of the Area/Streets
1	156	Kumari Nagar
2	160	Venu street

Sl.No.	Ward	Name of the Area/Streets
3	160	Sowri street
4	160	Abraham Street
5	162	Thillai Ganga Nagar 26th Street
6	163	Ramakrishnapuram 3rd Street
7	164	Nehru Colony 16h street
8	165	Saraswathi Nagar
9	166	Poonthottam 1st Street

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,

Sl. No.	Ward	Streets	No. of persons	Years	Relief centre
1	156	Thiruvalluvar nagar	100	2015	1. Govt. High School, Padasalai Street 2. Corporation Primary School, Padasalai Street 3. Corporation Middle School, Madananadhapuram Main Road Chennai-600 125
2	156	MCS nagar	100	2015	
3	157	Dharmarajapuram, Puratchi Thalaivi Nagar	450	2015	1.Corporation Middle School - M.G.Salai 2.Community Hall
4	157	Dr. Ambedkar Nagar	150		

Sl. No.	Ward	Streets	No. of persons	Years	Relief centre
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

During the Monsoonin 2024 and 2025 ,no flood occurred and evacuation was not required, but food and reliefmaterials were provided for 2 days and over 71,500 people got benefitted from that.

Lighting Facilities

Establishing alternate sources of lighting is a pre-requisite. There is two number of 3KVA Portable Generator and five number of 2KVA Portable Generator 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/staffs.

Sl. No.	Ward	Contact person	
		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

Sl.No.	Ward No.	Number of boats rewuired with location / evacuation areas	Contact No
1	156	Thiruvalluvar Nagar	Assistant Engineer 9445190456
2	157	River View Colony	Assistant Engineer 9445190457
3	156	Ganga salai	Assistant Engineer 9445190456
4	156	Sindhu Salai	Assistant Engineer 9445190456
5	157	Kaviya Garden	Assistant Engineer 9445190451
6	158	Burma colony (2 Nos)	Assistant Engineer 9445190458

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

Sl No	Vehicles Description	Nos.
1.	HMV Tipper lorry	3
2.	Bob cat (Skid steer loaders)	3
3.	Tata Ace (Closed van)	1
4.	Mini Tipper (CNG Gas)	1
5.	HMV Water Tanker	1
6.	Dog Van	4
7.	Cattle Catcher	1
8.	Ambulance	1
9.	Tree Pruner Sakthiman	1
	Total	16

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 163 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	9791096272
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	9445036544
CMWSSB	Assistant Engineer	8144930156
TANGEDCO	Junior Engineer	9445850193
BSNL	Assistant Engineer	9445010432
Fire service	Inspector	8300063745
Police station	Inspector	9500125466
PWD	Assistant Engineer	9443130220
TNUHDB	Assistant Engineer	7010523262
Highways	Divisional Engineer	9443070816

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	9943229223
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190807
GCC - Revenue	Tax Collector	9941625179
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930157
TANGEDCO	Junior Engineer	9445850197
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9445086050
Police station	Inspector	8903401666
PWD	Assistant Engineer	9443130220
TNUHDB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8667059699

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	9445025950
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190808
GCC - Revenue	Tax Collector	9441625179
Revenue	Revenue Inspector	9791196542/ 9962228549
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930158
TANGEDCO	Junior Engineer	9445850190
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9865862993/ 9445086050
Police station	Inspector	8903401666
PWD	Assistant Engineer	9443227382
TNUHDB	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	8428446379
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9710675931
GCC - Revenue	Tax Collector	9884759276
Revenue	Revenue Inspector	9791196542
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	9445850194
TANGEDCO	Junior Engineer	9445850190
BSNL	Assistant Engineer	9445172226
Fire service	Inspector	9865862993
Police station	Inspector	9498142686
PWD	Assistant Engineer	9486693837
TNUHDB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

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	9944000557
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9884230741
GCC - Revenue	Tax Collector	7010523262
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930160
TANGEDCO	Junior Engineer	9445850196
BSNL	Assistant Engineer	9444713742
Fire service	Inspector	9445086050
Police station	Inspector	9840987231
PWD	Assistant Engineer	9790730856
TNUHDB	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	8664418200
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930161
TANGEDCO	Junior Engineer	9445850194
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9444970835
PWD	Assistant Engineer	9790730856
TNUHDB	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	9790830380
CMWSSB	Assistant Engineer	8144960162
TANGEDCO	Junior Engineer	9445850187
BSNL	Assistant Engineer	9444979384/ 9486104010
Fire service	Inspector	9445083053
Police station	Inspector	9498141371 9840540362
PWD	Assistant Engineer	9444266697 7200027050
TNUHDB	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	9789874309
Revenue	Revenue Inspector	9444876623
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930163
TANGEDCO	Assistant Engineer	9445850185
BSNL	Assistant Engineer	9445850179
Fire service	Inspector	9445083053
Police station	Inspector	9498141371
PWD	Assistant Engineer	7200027050
TNUHDB	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	9940643013
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190814
GCC - Revenue	Tax Collector	9380815146
Revenue	Revenue Inspector	9710738139
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8939730164
TANGEDCO	Junior Engineer	9445191464
BSNL	Assistant Engineer	9444979384
Fire service	Inspector	9445083053
Police station	Inspector	9840923652
PWD	Assistant Engineer	7200027050
TNUHDB	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	9940643013
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190815
GCC - Revenue	Tax Collector	8667718200
Revenue	Revenue Inspector	9710738139
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930165
TANGEDCO	Junior Engineer	9445850186
BSNL	Assistant Engineer	9445013210
Fire service	Inspector	9445083053
Police station	Inspector	9498141371
PWD	Assistant Engineer	9443227382
TNUHDB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

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	8220560026
GCC - Veterinary	Veterinary Assistant Surgeon	9445026049
GCC - Solid waste management	Conservancy Inspector	9445190816
GCC - Revenue	Tax Collector	9884759276
Revenue	Revenue Inspector	9962228549
GCC - Park overseer	Park Supervisor	9790830380
CMWSSB	Assistant Engineer	8144930315
TANGEDCO	Junior Engineer	9445850131
BSNL	Assistant Engineer	22502255
Fire service	Inspector	9445083053
Police station	Inspector	9840540362
PWD	Assistant Engineer	9443227382
TNUHDB	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	8220560026
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	9790830380
CMWSSB	Assistant Engineer	8939870166
TANGEDCO	Junior Engineer	9445850131
BSNL	Assistant Engineer	9445014944
Fire service	Inspector	9445083053
Police station	Inspector	9840540362
PWD	Assistant Engineer	9790730856
TNUHDB	Assistant Engineer	9445074956
Highways	Divisional Engineer	8754442222

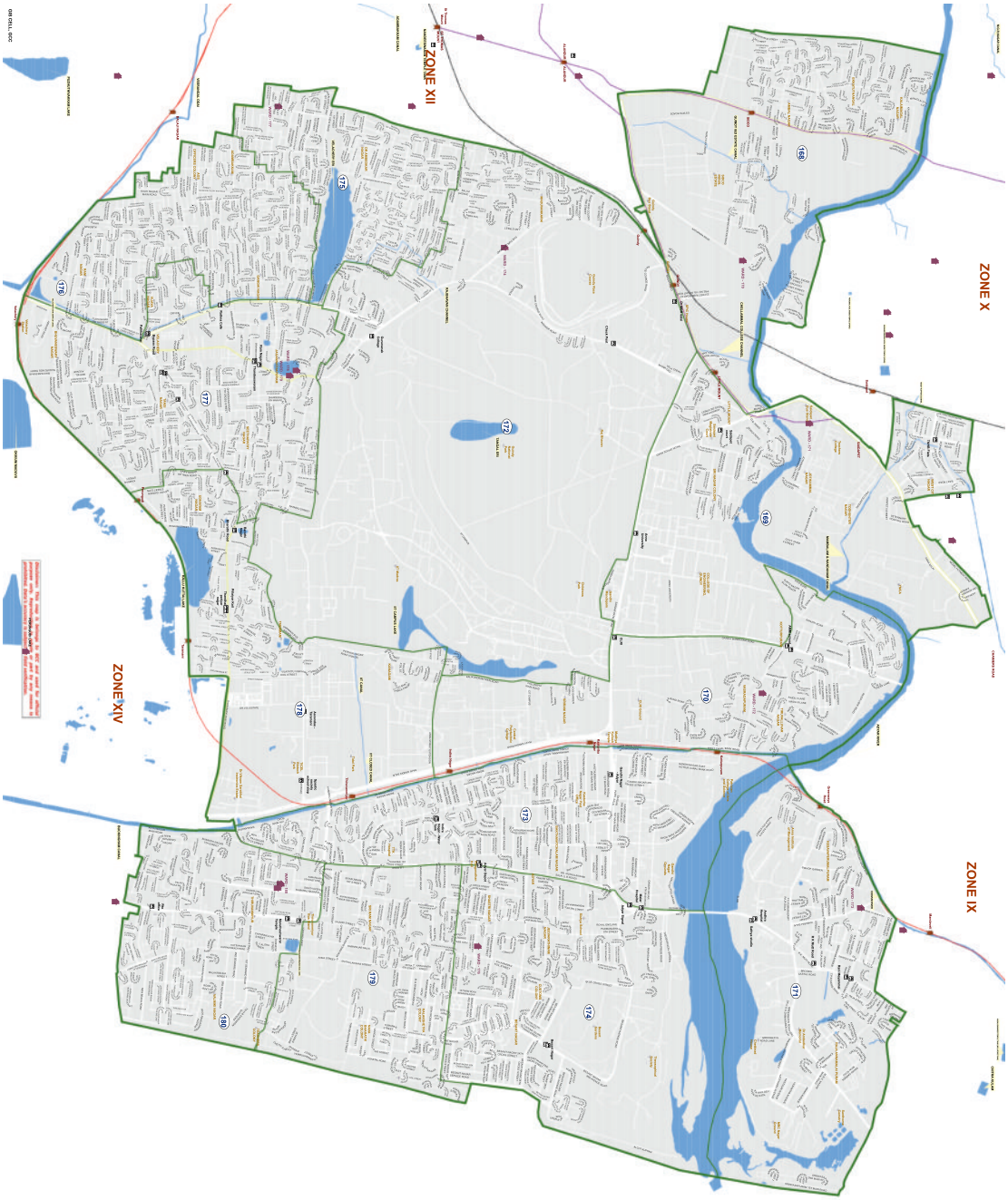
ZONE - XIII

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	678
2	Zone Administration	679
3	Public Health & Disease Control	680
4	Parks	680
5	Sewage Pumping Station	684
6	Tamilnadu Urban Habitat Development Board	686
7	Water Bodies and Water ways	688
8	Storm Water Drain	690
9	Water stagnated streets in the previous monsoon - Heavy rain	691
10	Water stagnated streets in the previous monsoon - Mild Rain fall	691
11	Water stagnated streets in the previous monsoon - Moderate Rain fall	692
12	Stagnation of water in streets due to sewer block	692
13	Relief centre	698
14	Subway	702
15	Lighting facilities	703
16	National Disaster Response force	703
17	Rescue Boats	703
18	Transport Equipments & Lorries	703
19	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	705 705
20	Ward Committee	705

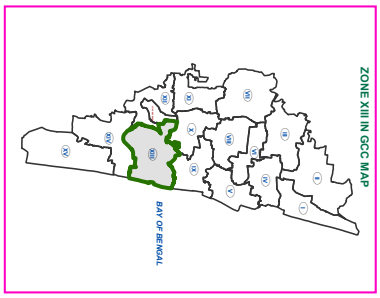
ADYAR

ZONE XIII - WARD BOUNDARY



ZONE	XIII
NAME OF THE ZONE	Adyar
ZONE OFFICE	No.115,Dr.Muthulakshmi Salai, Cheman - 20.
LOCATION	
WARD NUMBER	168 TO 180
NO. OF WARDS	13

DIVISION BOUNDARY
SUBURBAN / MRTS LINE
CMRL LINE
SUBURBAN / MRTS LINE
WATER BODY



Profile

Adyar zone lies in Latitude 13.00501°, Longitude 80.25714° covering an area of 40.35 Sq.km.

There are 2995 roads, out of which 2936 roads to a length of 448.29 Km are Interior Roads, 49 Roads to a length of 38.187 Km are Bus Route Roads which are maintained by GCC, 9 roads to a length of 20.760 Km are under the maintenance of Highways department and 1 road to a length of 4.50 Km is under the maintenance of TNRDC department

The population is about 6.67 lakhs having Male population of 50.90% and Female population of 49.10 % in this zone. The most densed area 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,

Sl.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

Zone Administration

The Zone is headed by the Zonal Officer who is assisted by 2 Executive Engineers, 3 Assistant Revenue Officers, Zonal Health Officer, Zonal Medical Officer, Administrative Officer, Assistant Executive Engineer (Electrical), Assistant Executive Engineer (Mechanical) and Park Overseas. They are equipped with supporting sub-ordinate officers. The following are contact details of the officials/elected members. The respective officers/staff may be taken on board to address the issues pertaining to them..

Sl. No.	Designation	Unit / Ward.No.	Office Mobile Number
1.	Chairman	168 to 180	9445467172
2	Zonal Officer	168 to 180	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.

Sl. 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	South Region	9840230256

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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Sanitary Officer	Unit 38	9445194738
2	Sanitary Officer	Unit 39	9445194739
3	Sanitary Officer	Unit 40	9445194742
4	Sanitary Officer	Unit 40A	9445194743

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.

Sl. No	Designation	Zone/ Unit/Ward. No.	Office Mobile Number
1	Zonal Health Officer	Zone 13	9445156064
2	Senior Entomologist	Zone 13	8248226061
3	Sanitary Officer	U 38	9445194738
4	Sanitary Officer	U 39	9445194739
5	Sanitary Officer	U 40	9445194742
6	Sanitary Officer	U 40A	9445194743

Parks

There are 102 Parks available in Saidapet, Kotturpuram, Adyar , Thiruvanmiyur, Velachery 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 Accessories Tree Cutting machine, Telescopic Stick will ensure pruning of tree branches, proper lighting and to prevent inundation inside the parks. The contact details of the Superintending of Park overseer and the location of parks available in thezone is given below,

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 Labour Colony Park ITC OSR land Park Anna Salai Olympia Cyber Tech
2	169	Saidapet	Chinnamalai Park (Halda) Velachery Main Road (New A2B Hotel) Bharthidasan Street (Appavvo Nagar LDG Road park
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 Krishnapuri Main Road Park M.R.C Nagar main road - Exnora Group (Near Image Auditorium) Raja Annamalaipuram Vasantha Avenue Park May Flower Garden Park R.K. Nagar 2nd Main Road Sathyadev Avenue Extn park (Somerset hotel) M.R.C Nagar South Beach Avenue 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 M.R.C Nagar Extn Park

S.No	Ward	Name Of Ward	Location of the Park
5	172	Maduvankarai (Guindy East)	Pandian Street (Pheonix Mall Park) City Limit Road (Secretariate Colony 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 OMR Park Reach 1 & Reach 2 Kamaraj nagar 2nd West Street Park Dense Forest Adyar River Bank, Adyar River bank Kotturpuram
7	174	Besant Nagar	Besant Nagar 1st Cross Street Padmanabha Nagar Park Aavin Park (Dr Muthulakshmi Park) – under the control of CMRL Project Besant Nagar 1st Cross Street
8	175	Adambakkam	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 Velachery Main Road (Cee Bros Apts.) Velachery Main Road (Ramaniyam Apts.) Velachery Main Road (Tulive Developers Ltd) Velachery Tambaram main road (Grand Residency & Grand Mall) Velachery - Tambaram Main Road (Cee Dee Yes Apartments), ★ CDMA Park Reach 1 ★ CDMA Park Reach 2

S.No	Ward	Name Of Ward	Location of the Park
11	178	Taramani	Ramagiri nagar I street Park Kanagam Nehru street Park CSIR Road, Ticel park Taramani, Chennai-113 Ramanujam IT City, Taramani National Institute of Fashion Technology (NIFT) Asscendas Park, IT Park World Bank Park IIT Madras Research Park ★ SETS Park ★ TIDEL Park
12	179	Thiruvanmiyur	M.G.R Road Park-1 Gangai Street (Arupadai Veedu) Park Tiger Varathachari Park Yamuna Street Park CGE colony Park
13	180	Thiruvanmiyur	Valmiki Nagar - 69th Cross Street Park Journalist Colony 2nd Street Park Thiruvalluvar Nagar II main road Park Thiruvalluvar Nagar 43rd Cross Street Park Thiruvalluvar Nagar 7th Cross Street Park Kannappa Nagar Park AIBEA Nagar (Devandra Nagar) Park 1st seaward road Park Thiruvalluvar Nagar 1st Avenue Park

Sl. No.	Team member contact No.	Equipment available (Tree cutting machine)	Area of operation
1	Park overseer 6382164352 Park Superintendent 9445194728	Electrical saw - 1 Petrol saw - 16 Telescopic Pruner - 1 Telescopic stick-1 Pruner Shakthiman - 1	Zone-13 (Div 168 to 180) Guindy (East & West), 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 Fifty Three pumping stations available in Adyar zone with average capacity of 3.68 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,

Sl.No.	Pumping Station	Capacity MLD	No. of pumps
1	Adyar Old & New	45.00	9
2	LIC Colony	25.00	4
3	Indira Nagar	10.00	3
4	Thiruvanmiyur	12.50	4
5	Gandhi Nagar	7.50	2
6	Velachery	12.50	5
7	Kottupuram	3.50	2
8	Guindy	2.50	2
9	Ekkattuthangal	4.10	3
10	Saidapet 'D'	3.50	2
11	Taramani	3.20	2
12	Thiruvalluvar Nagar	4.25	3

Sl.No.	Pumping Station	Capacity MLD	No. of pumps
13	B.V.Nagar	2.20	3
14	512 HIG	0.80	2
15	Thanthai periyar Nagar	2.20	2
16	Velachery Sector - V	3.20	2
17	Murughu Nagar	8.30	2
18	P.T.C.Colony	1.00	3
19	Kalachetra Colony	1.25	2
20	Seethabathi Nagar	2.50	2
21	Periyar Nagar	1.80	2
22	Orrandiamman Koil Street	3.10	2
23	Saidapet - C	3.50	3
24	Sidco Main	1.50	2
25	Pallipattu	1.00	2
26	AGS Colony	9.50	2
27	Velachery Lakshmi Nagar	2.50	3
28	RA Puram	0.60	2
29	Besant Nagar - I	1.50	2
30	Besant Nagar - II	4.00	2
31	Fore Shore Estate	0.90	3
32	Sidco Lift	0.75	2
33	SKP Puram	0.50	2
34	Govinda Sami Nagar	0.50	2
35	Brahmin Street	1.20	3
36	Kalaimagal nagar	0.60	2

Sl.No.	Pumping Station	Capacity MLD	No. of pumps
37	Sidco (Adyar CRRT)	0.50	2
38	Kanagam	0.35	2
39	Valluvar Nagar	0.25	2
40	Rajaji Nagar	0.75	2
41	Bharathi Nagar	0.40	2
42	Suriya Nagar	0.02	2
43	Bharathi Avenue	0.30	2
44	Neruppumedu	0.04	2
45	Nagi Reddy Thottam	0.02	2
46	Baby Nagar	0.80	2
47	Maanjolai	0.02	1
48	Urrur kuppam	0.80	2
49	Narasingapuram	0.02	1
50	Kotturpuram puducherry	1.00	2
51	Jothiammal Nagar	0.50	2
52	Mosque Colony	0.5	1
53	Arasupannai	0.50	2

Tamil Nadu Urban Habitat Development Board tenements -(TNUHDB)

There are 6736 TNUHDB tenements in the following location with a population of 19744.

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,

Sl. No.	Ward No.	Tenement location	No. of tenement	Population
1	169 - Saidapet	Venkatapuram	836	3344
2	170 - Kotturpuram	Kotturpuram 128	128	512
3		Chitra nagar	460	1840
4		West Canal Bank	432	1728
5		Kotturpuram (LGGS)	140	560
6		Kotturpuram (EWS)	40	160
7		Kotturpuram 1800	1800	Construction under progress
8		Vombay Scheme	195	780
9	171 - Raja Annamalaipuram	Rajamuthaiahpuram	272	1088
10	173 - Adyar	Rukmani nagar	100	400
11		Indira nagar I	644	2576
12		Indira nagar II	100	400
13		Indira nagar III	96	384
14	174 - Besant Nagar	Kakkan colony (TN HUDB)	304	1216
15		Sastri Nagar 3rd Cross Street (TNHUDB)	80	320
16		Thiruvalluvar Nagar	40	160
17		Thiruvalluvar Nagar Shed	101	404
18	178- Taramani	Kanagam	480	1920
19	179 – Thiruvanmiyur	Rajiv Gandhi Nagar	128	512
20		Singaravelan nagar	360	1440
		Total	6736	19744

Contact details:

Department	Designation	Area	Contact No.
TNUHDB	Executive Engineer	Division - 7	9444724812
Conservancy/GCC	Conservancy Supervisor	Unit-38 & 39	9445191438
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 16.99 km to ease the flow of rain water.

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

Canals

Sl. No.	Name of the Canal	Wards Covered	From	To	Length of Canal (Km)
1	Guindy Industrial canal	168	Kathipara bridge	Nagi Reddy Thottam	1.900
2	Rajbhavancanal	172&175	Rajbavan compound wall near Raj bahavan colony	Velachery main road	1.040
3	Mambalamcanal	169	CIT Nagar 1st Main Road	Adyar River	0.850
4	South B. Canal	170, 173, 178 & 180	Adyar River	SRP Tools	4.020
5	Central B. Canal	171	RK Nagar	Adyar River	1.540
6	Chellammal Drain	168	Chellammal college	Adyar River	0.400
7	Reddy Kuppam Canal	169	Railway Track near Appavu Nagar	Mambalam Canal	0.500
8	Veerangal Odai	176	Reddington Tower	Velachery Railway Station	1.200

Other water bodies

Sl No	Ward No	Name of other water bodies	Length / Area
1	168,169,170,171, 173 & 174	Adyar River	10.700 Km
2	177	Puliyenkeni Pond - Brahmin street	4896.00 Sqm
3	177	Dhandeeswaram - Pond	829.7 Sqm
4	178	Taramani - Opp to 5C bus stand - Pond	1508.23 Sqm
5	180	Marundeeswarar koil tank, West Mada street - Pond	8254.18 Sqm

6	175	Velachery lake - Pond	225931.42 Sqm
7	177	Nadar street (Jaganathapuram) - Pond	1720.59 Sqm
8	180	Ganesh Nagar Kulam	210.00 Sqm
9	177	MRTS Pond (near 6 Vent Culvert) (Temporary Pond)	3800.00 Sqm
10	177	MRTS Pond (near 6 Vent Culvert) (Temporary Pond)	10000.00 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.

900 storm water drains to a length of 219.25 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.

Sl. No.	Ward/Name	Total No. of SWDs	Length of SWDs (in Km)
1	168 - Guindy - West	117	34.054
2	169 - Saidapet	35	6.78
3	170 - Kotturpuram	53	14.36
4	171 - Raja Annamalaipuram	53	18.60
5	172 - Maduvankarai (Guindy East)	18	8.26
6	173 - Adyar	121	44.24
7	174 - Besant Nagar	42	10.15
8	175 - Adambakkam	66	12.443
9	176 - Velachery - West	152	23.91
10	177 - Velachery - East	132	22.63
11	178 - Taramani	30	8.71
12	179 - Thiruvanmiyur	30	6.47
13	180 - Thiruvanmiyur	51	8.60
		900	219.25

Water stagnated streets in the monsoon 2015 - heavy rain (only over-flow 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,

Sl.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.

Water stagnated streets in the monsoon 2015 - Mild rain

Sl No	Ward No	Name of the street
1	Nill	

Water stagnated streets in the monsoon 2015 - Moderate rain

Sl 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	 Dhandeeswaram 7th main road
7	178 – Taramani	Kennady street Raniyammal street
8	180- Thiruvanmiyur	I Sea Ward road Balakrishna Road JN

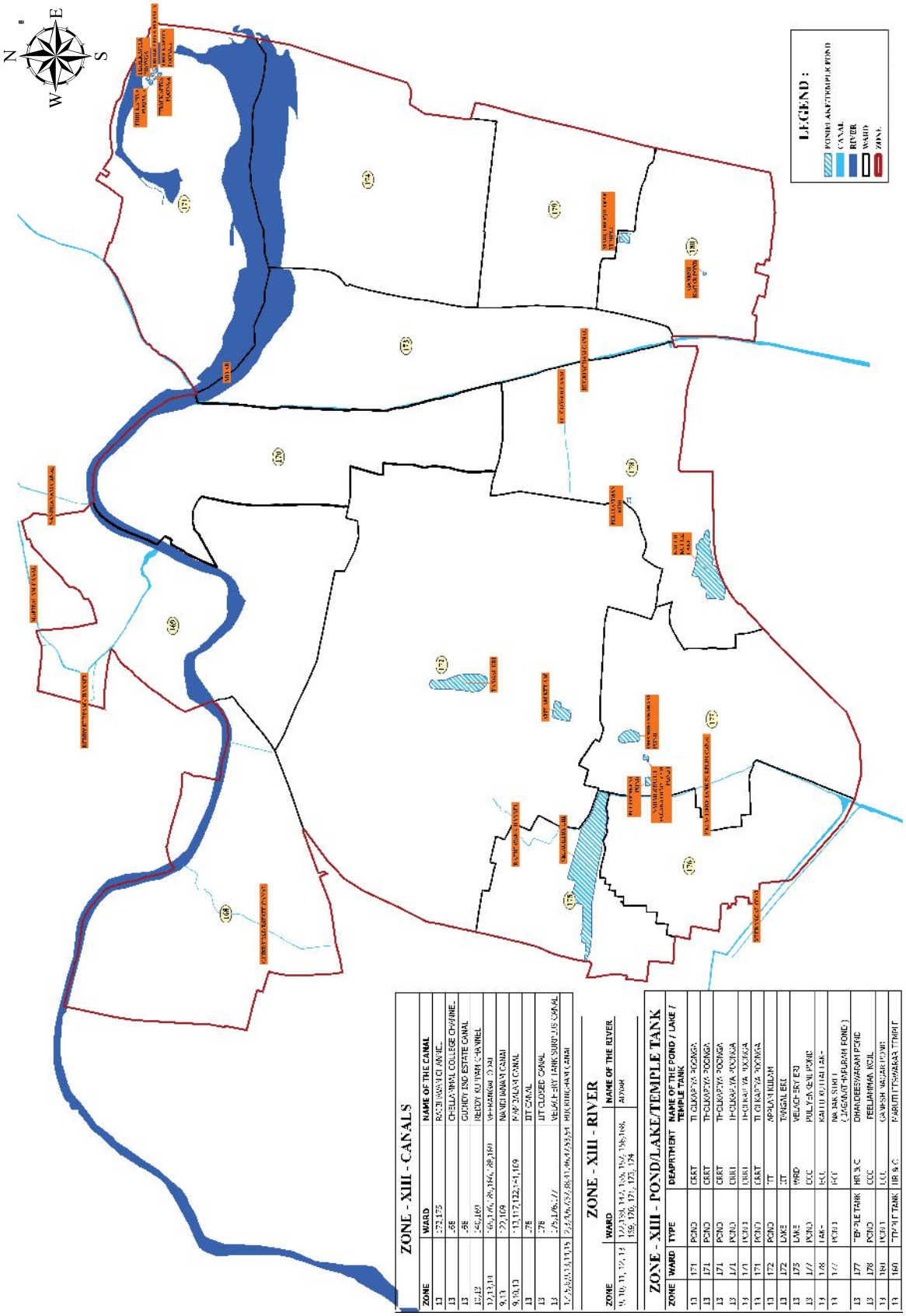
Stagnation of water in streets due to sewer blocks

In Adyar zone, the following were the streets which had sewer blocks.

Sl. No.	ward /Name	Name of the Streets	No. of man-holes
1	170 - Kotturpuram	New Street LakeView Street Kotturpuram 2nd main road Sriram Colony Main road Yadaval Street Thulukanathamman Koil Street	2 2 2 10 2 2
2	172-Maduvankarai Guindy East	Mosque Colony -New street City Link Road Cart Track Road Sathanipet 1st Street	5 2 2 1
3	174 - Besant Nagar	Sastri Nagar 11th Cross Street Jeevarathinam Nagar	3 4

4	176- Velachery West	MGR Nagar Devi Karumari Amman 9th Street Ram nagar Murugu Nagar	3 2 3 2
5	177 -Velachery	Lakshmi nagar 3rd Cross Street Lakshmipuram Throwapathy Amman Koil street Jagannadhapuram Orandiammankoil Street Celliamman Nagar	1 3 4 2 1 1
6	178 - Taramani	TP Nagar – Bharathiyar street, Budhar Street, Pattukottai Alagari Street MG Nagar – Pilliyar Koil Street, TK Kabali Street, Rajaji Street, Antoniyar Koil Street	3 4

ZONE XIII- WATER BODIES



ZONE - XIII - CANALS

ZONE	WARD	NAME OF THE CANAL
13	172,175	[illegible]
13	168	CHELLAMMAL COLLEGE CHANNEL
13	168	CHUNDY IND ESTATE CANAL
12,13	146,169	REDDY KUTTAI CHANNEL
12,13	166,146,168,144, 148,169	VANNARPET CANAL
9,13	169,169	MANDAVELI CANAL
9,10,13	113,117,122,141,169	KAPALEESWARAR CANAL
13	178	IRT CANAL
13	178	IRT CLOSED CANAL
13	176,178,177	VELACHERY TANK SURPLUS CANAL
12,13,10,11,9,15	123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154	PUZHUTHIVAKKAM CANAL

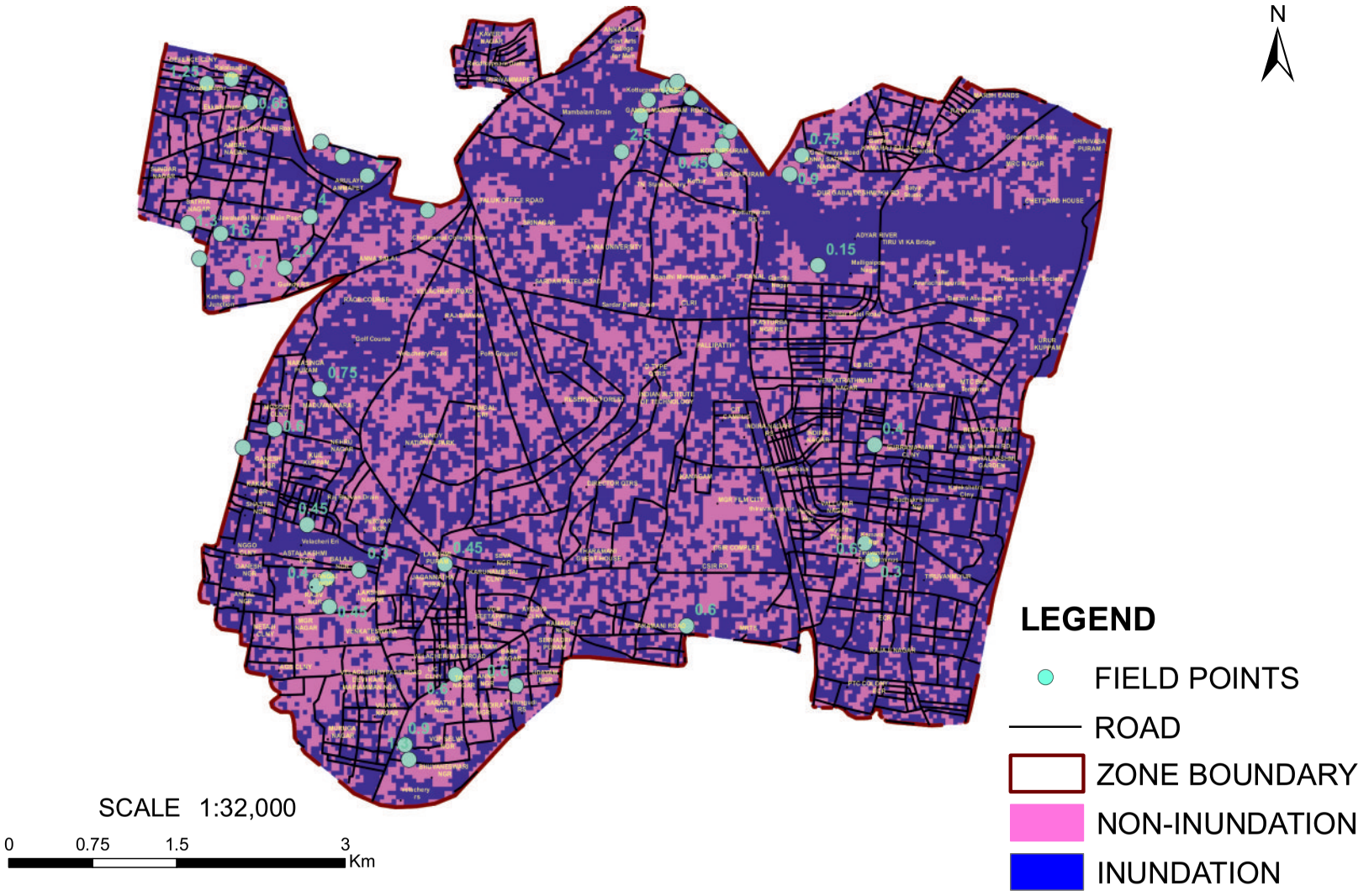
ZONE - XIII - RIVER

ZONE	WARD	NAME OF THE RIVER
9, 10, 11, 12, 13	122,130, 141, 150, 152, 156, 158, 159, 170, 171, 173, 174	ADYAR

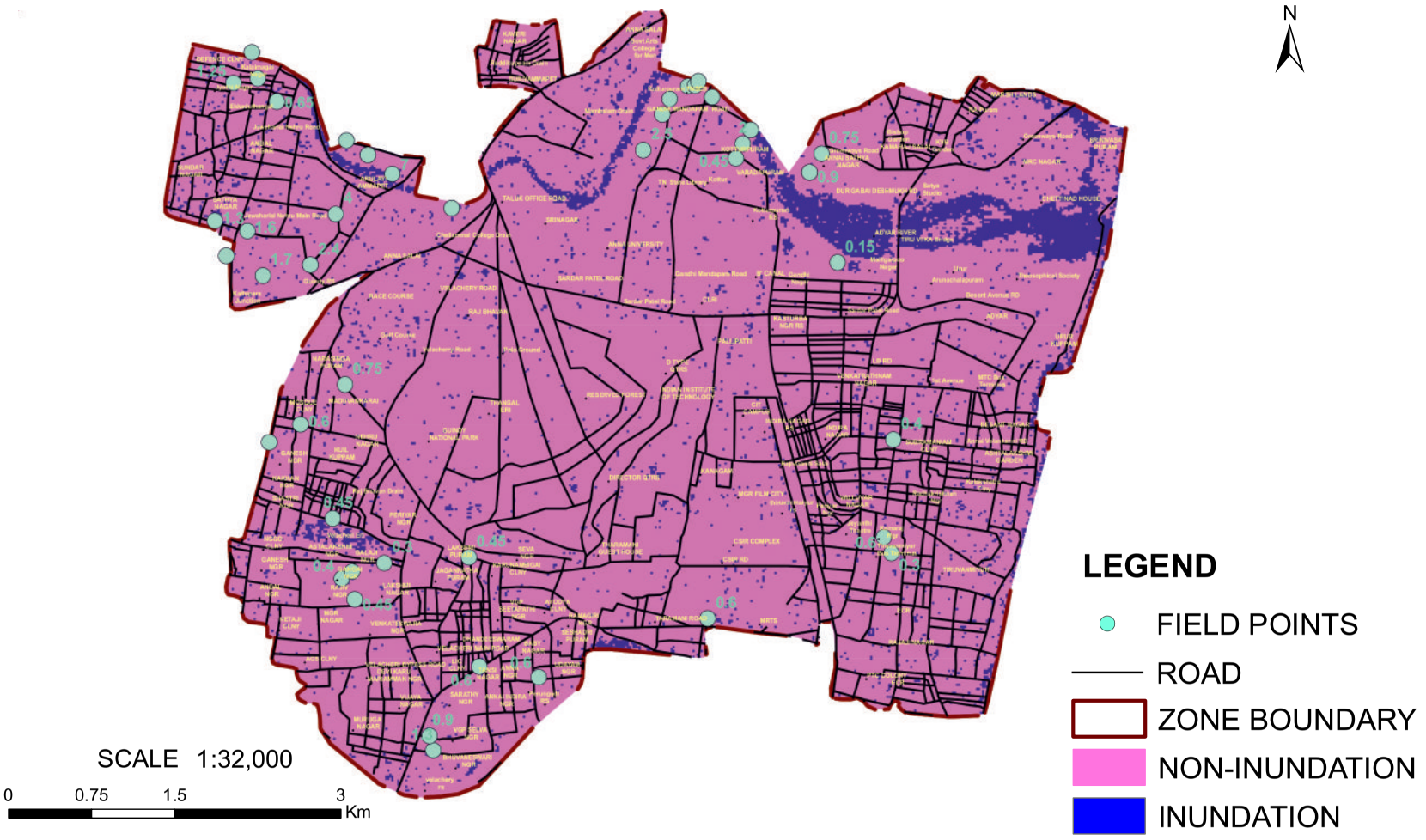
ZONE - XIII - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEPARTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
13	171	POND	CRRT	TI.GUDIYAM POONGA
13	171	POND	CRRT	TI.GUDIYAM POONGA
13	171	POND	CRRT	TI.GUDIYAM POONGA
13	171	POND	URRI	TI.GUDIYAM POONGA
13	171	POND	URRI	TI.GUDIYAM POONGA
13	171	POND	CRRT	TI.GUDIYAM POONGA
13	172	POND	TT	APULAVILAM
13	172	LAKE	IIT	TARAMANI ERI
13	175	LAKE	WRD	VELACHERY ERI
13	177	POND	CCC	PULIYANKENI POND
13	178	LAKE	HCL	KAMATHI PULIYAR
13	177	POND	HCL	PARAMESWARI CHENNAMMAN TEMPLE POND
13	177	"D"SHAPE TANK	HR & C	DHANDEESWARAR TEMPLE
13	178	POND	CCC	FEELAMIMAN KOIL
13	180	POND	HCL	GANESH NAGAR POND
13	180	"D"SHAPE TANK	HR & C	PARAMESWARAR TEMPLE

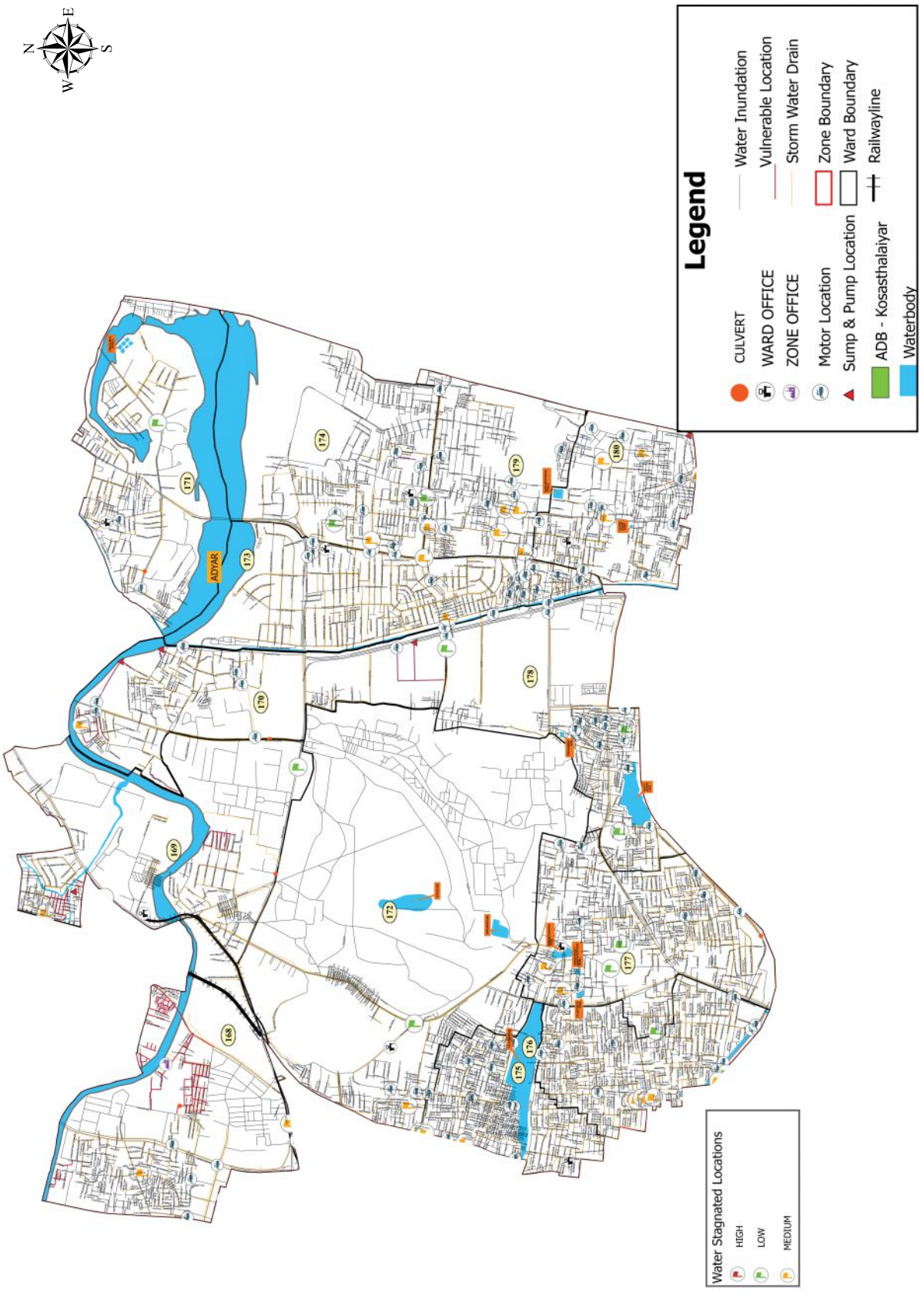
INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



INUNDATION EXTENT ON 3RD DECEMBER 2015
BASED ON RISAT MICROWAVE SATELLITE



ZONE XIII
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS



Relief Centres

During last monsoon no relief centres were opened

There are 19 relief centres to a total capacity of 6900 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	168 Guindy	900	Annai Velankanni school, Hospital road	Vinayaga puram, Chetti thottam, Neruppumedu, Alachiamman	Yes	Yes	No	Evacuation	Assistant Engineer	9445190768
								Food	Assessor	9941155489
2		200	Infant Jesus school, Labour colony	Nagi reddi thottam, Arulayammanpet	Yes	Yes	No	Relief Materials	Sanitary Officer	9445194743
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025968
3	169 Said-apet	400	Model Higher secondary school	Arasupannai, Jothiammal Nagar	Yes	Yes	No	Evacuation	Assistant Engineer	9445190769
								Food	Assessor	9789930967
4	169 Said-apet	550	St Francis Xavier High School	Venkatapuram	Yes	Yes	No	Relief Materials	Sanitary Officer	9445194742
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025969
5	170 - Kottur puram	250	CPS, New street	T.N.H.B, T.N.U.H.D.B, Kotturpuram and Kottur	Yes	Yes	Yes	Food	License Inspector	9840061776
								Evacuation	Assistant Engineer	9445190770
6		400	Perumal Kovil Kalayana Mandapam	T.N.H.B, T.N.U.H.D.B, Kotturpuram and Kottur	Yes	Yes	No	Relief Materials	Sanitary Officer	9445194743

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.
7	171	250	J J Community Centre	Srinivasapuram	Yes	Yes	No	Evacuation	Assistant Engineer	9445190771
8	172 Velach-ery	1000	Chennai Hr. Sec. School	Maduvinkarai	Yes	Yes	Yes	Evacuation	Assistant Engineer	9445190772
								Food	Assessor	8754441465
								Relief Materials	Sanitary Officer	9445194742
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025972
9	173- Adyar	300	Chennai School Kamaraj Avenue	Adyar	Yes	Yes	Yes	Evacuation	Assistant Engineer	9445190773
								Food	Assessor	9840925087
10		100	Chennai School Indhira nagar					Relief Materials	Sanitary Officer	9445194742
								Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025973
11	174 - Besant nagar	250	Anna School - Besant Nagar	Arunachalapuram	Yes	Yes	No	Evacuation	Assistant Engineer	9445190774
								Food	Assessor	9840925087
								Relief Materials	Sanitary Inspector	9445025974
								Sanitation, Medicine & Drinking water	Sanitary Officer	9445194738
12	175 Adam-bakkam	400	Britto school, Nethaji salai, Nehru nagar	Ambedkar nagar,	Yes	Yes	No	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025975
13		100	CPS- Housing Board	Periyar Nagar				Evacuation	Assistant Engineer	9445190775
								Food	Assessor	6380254301
								Relief Materials	Sanitary Officer	9445194743

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.
14	177 Velachery East	300	Govt Higher Secondary School,	Throwpathyamman koil Street	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Assistant Engineer	9445190777
								Evacuation	Sanitary Inspector	9445025977
								Food	License Inspector	9080588567
15		300	CPS, CHS Rajalakshmi nagar	Velachery	Yes	Yes	No	Relief Materials	Sanitary Officer	9445194739
16	178-Taramani	200	Chennai School	Udhayam Nagar	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025978
								Evacuation	Assistant Engineer	9445190778
17		300	CPS, CHS - Peeliamman Koil Street, Taramani	Thanthai periyar nagar	Yes	Yes	No	Food	Assessor	9566270882
								Relief Materials	Sanitary Officer	9445194739
18	179	500	CPS Kuppam Beach Road	Dhideer Nagar Kuppam Beach Road	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025979
								Evacuation	Assistant Engineer	9445190779
								Food	Assessor	9566270882
								Relief Materials	Sanitary Officer	9445194738
19	180-Thiruvanmiyur	500	CHSS Bharathidasan School	Thiruveethiamman koil street, Bharathidasan Street, Thiruvalluvar Nagar	Yes	Yes	Yes	Sanitation, Medicine & Drinking water	Sanitary Inspector	9445025980
								Evacuation	Assistant Engineer	9445190780
								Food	Assessor	9566270882
								Relief Materials	Sanitary Officer	9445194738

ZONE XIII
PRE MONSOON PREPAREDNESS MAP



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.

Sl.No	Ward / Location	Length of the subway in 'm'	Pumped water disposal point	Number of pump setsin stalled - regular/ standby to pump out water
1	Pedestrian subway, Guindy, ward-168	25m	Guindy industrial drain	25 HP – 1 Nos. (Maintained by Highways)
2	Aranganathan subway, ward-169	500m	Mambalam canal	1 Nos - 25HP(Diesel), 1 Nos - 13HP(Diesel), 1 Nos - 25HP(Electrical), 2 Nos - 20HP(Electrical), 1 Nos - 10HP(Electrical), 1 Nos - 7.5HP(Electrical) 1 Nos - 5 HP (Electrical) 2 Nos - 22 HP (Electrical) 1 Nos -35 HP (Electrical)

Lighting Facilities

The details are given below with contact numbers. Issues like non burning of street lights, electrocution shall be addressed to the following officials/staff.

Sl. No.	Ward	Contact person	
		Designation	Phone number
1	ADE / Electrical	ADE / Electrical	9445190053
2	J.E -168, 172, 175	Junior Engineer	9445191494
3	J.E -169,170	Junior Engineer	9445026101
4	A.E - 171	Assistant Engineer	9445190854
5	J.E - 173,174.	Junior Engineer	9445191469
6	A.E - 176,177	Assistant Engineer	9445191467
7	J.E - 178	Junior Engineer	9445191470
8	A.E - 179,180	Assistant Engineer	9445191468

National Disaster Response Force

In Adyar zone, for the last monsoon No NDRF was stationed.

S.No	Ward. No.	Where NDRF to be stationed and deployed
1	170	KotturpuramTenements & Chithra Nagar
2	173	Mallipoonagar
3	176	AGS colony IV main road
4	176	Ramnagar
5	176	TambaramVelacherymainroad
6	176	Vijayanagar
7	177	Tansinagar
8	178	Bharathiyar Street

NDRF

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

Rescue Boats

No boats were used in the previous monsoon – NEM 2025

For 2026, in the following locations were identified for precautionary measures

Sl.No	Ward	Number of boats required with location /evacuation areas / location	Contact person & Number
1	170	River View Road Chithra Nagar	Assistant Engineer 9445190470
2	176	Vijaya Nagar 1st Main Road	Assistant Engineer 9445190476
3	177	VGP Selva Nagar 2nd Main Road & Seva Nagar	Assistant Engineer 9445190477
4	170	Chitra Nagar & Kotturpuram (2 Nos)	Assistant Engineer 9445190470
5	176	Ram nagar, Murugu nagar, Shankar nagar, Padmavathi nagar, Srinivasa nagar, Guberan Nagar (4 Nos)	Assistant Engineer 9445190476
6	176	Vijaya nagar, Devi Karumariyamman nagar, M.G.R nagar, Golden avenue (4 Nos)	Assistant Engineer 9445190476
7	176	AGS colony, Kaliki nagar, Chokkalingam nagar (2 Nos)	Assistant Engineer 9445190476
8	177	Tansi Nagar, Annai Indira Nagar, Anna Nagar, Baby Nagar, Balakrishna Nagar, Venus Colony, Balamurugan Nagar, V.G.P. Selva Nagar, Bhuvaneswari Nagar (5 Nos)	Assistant Engineer 9445190476
9	178	Udhayam Nagar 1st, 2nd Main Road, Undhayam Nagar 1st, 2nd, 3rd & 4th Cross Street, Anna Thidal Salai, Ramasamy Street, Buddhar Street, Pattukottai Alagiri Street. (5 Nos)	Assistant Engineer 9445190478

Transport Equipments & Lorries

For carting men and materials, removing garbage/debris lorries were deployed. There were 5 debris lorries, 3 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 - 5
Skid steer loaders (Bob cat) - 3
(Front end loader) JCB - 1

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry	Tele handler
AEE-9445190489	-	3	5	1	1

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

In Adyar Zone the following zones where not accessible by vehicles

Sl.No	ward /Name	Street Names
1	170 - Kotturpuram	Chitra nagar
2	177 – Velachery East	Tansi nagar, Lakshmipuram

Ward Committee

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	9445025968
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid wastemanagement	Sanitary Inspector	9445025968
GCC - Revenue	Tax Collector	7395956435
Revenue (Thasildhar)	Revenue Inspector	9940242798
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930168
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	044 22501444
Fire service	Inspector	9445086050
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840712579
Highways	Executive Engineer	6379365175

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	9445025969
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025969
GCC - Revenue	Tax Collector	6381506918
Revenue (Thasildhar)	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930169
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445011101
Fire service	Inspector	9445086040 / 9445086052 9566012733
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

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	9445025970
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025970
GCC - Revenue	Tax Collector	9790779925
Revenue (Thasildhar)	Revenue Inspector	7010887760
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930170
TANGEDCO	Executive Engineer	9445850555
BSNL	Office	044-2855 0432
Fire service	Inspector	9445086040 / 9445086052 9566012733
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

Ward committee - 171
Ward Councillor - 9445467171

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190771
GCC - Electrical	LI/JE	9445190854
GCC- Health	Sanitary Inspector	9445025971
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025971
GCC - Revenue	Tax Collector	9840661625
Revenue (Thasildhar)	Revenue Inspector	9003592461
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930171
TANGEDCO	Executive Engineer	9445850555
BSNL	Office	9445011101
Fire service	Inspector	9445086040 / 9445086052 9566012733
Police station	Assistant Commissioner	9443981183
WRD	Assistant Engineer	9444842587
TNUHDB	Executive Engineer	9840680953

Ward committee - 172
Ward Councillor - 9445467172

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190772
GCC - Electrical	LI/JE	9445190804
GCC- Health	Sanitary Inspector	9445025972
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025972
GCC - Revenue	Tax Collector	9940375445
Revenue (Thasildhar)	Revenue Inspector	9384094059
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930172
TANGEDCO	Executive Engineer	9445850555
BSNL	Office	044 22501444
Fire service	Inspector	9445086050 / 9940843817
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

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	9445025973
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025973
GCC - Revenue	Tax Collector	8778262314
Revenue (Thasildhar)	Revenue Inspector	8870158508
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930173
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445011101
Fire service	Inspector	9445086040 / 9445086052 / 9566012733
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

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	9445025974
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025974
GCC - Revenue	Tax Collector	9840634744
Revenue (Thasildhar)	Revenue Inspector	9384094065
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930174
TANGEDCO	Executive Engineer	9445850555
BSNL	Office	9445015181
Traffic	Inspector	9080353566
Fire service	Inspector	9445086040 / 9445086052
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9962510417
Highways	Executive Engineer	6379365175

Ward committee - 175

Ward Councillor - 9445467175

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190775
GCC - Electrical	Assistant Engineer	9445191494
GCC- Health	Sanitary Inspector	9445025975
GCC - Vetenary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025975
GCC - Revenue	Tax Collector	9940160944
Revenue (Thasildhar)	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930175
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445015181
Fire service	Inspector	-
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

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	9445025974
GCC - Vetenary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025974
GCC - Revenue	Tax Collector	9940160944
Revenue(Thasildhar)	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930176
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445015181
Fire service	Inspector	9445086527
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

Ward committee - 177
Ward councillor - 9445467177

Name of the department	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190777
GCC - Electrical	Assistant Engineer	9445191467
GCC- Health	Sanitary Inspector	9445025975
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025975
GCC - Revenue	Tax Collector	9962666842
Revenue (Thasildhar)	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930177
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445015181
Fire service	Inspector	-
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

Ward councillor - 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	9445025978
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025978
GCC - Revenue	Tax Collector	9566056440
Revenue (Thasildhar)	Revenue Inspector	9841338589
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930178
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9445013210
Fire service	Inspector	9445086527
Police station	Assistant Commissioner	9443981183
WRD	Executive Engineer	9444842587
TNUHDB	Executive Engineer	9840680953
Highways	Executive Engineer	6379365175

Ward committee - 179
Ward councillor - 9445467179

Name of the de-partment	Designation	Contact Number
GCC - Engineering	Assistant Engineer	9445190779
GCC - Electrical	Assistant Engineer	9445191468
GCC- Health	Sanitary Inspector	9445025979
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid wasteman - agement	Sanitary Inspector	9445025979
GCC - Revenue	Tax Collector	9710602288
Revenue (Thasildhar)	Revenue Inspector	9384094066
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930179
TANGEDCO	Executive Engineer	9445850555
BSNL	Office	9423993294
Fire service	Inspector	9445086040 / 9445086052
Police station	Assistant Commissioner	9443981183
TNUHDB	Executive Engineer	9940498952
Highways	Executive Engineer	6379365175

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	9445025980
GCC - Veterinary	Veterinary Assistant Surgeon	9940040737
GCC - Solid waste management	Sanitary Inspector	9445025980
GCC - Revenue	Tax Collector	9789519276
Revenue (Thasildhar)	Revenue Inspector	9384094066
GCC - Park overseer	Park Supervisor	6382164352
CMWSSB	Assistant Engineer	8144930180
TANGEDCO	Executive Engineer	9445850555
BSNL	Assistant Engineer	9423993294
Fire service	Inspector	9445086040 / 9445086052
Police station	Assistant Commissioner	9443981183
PWD	Executive Engineer	9444842587
Highways	Executive Engineer	6379365175

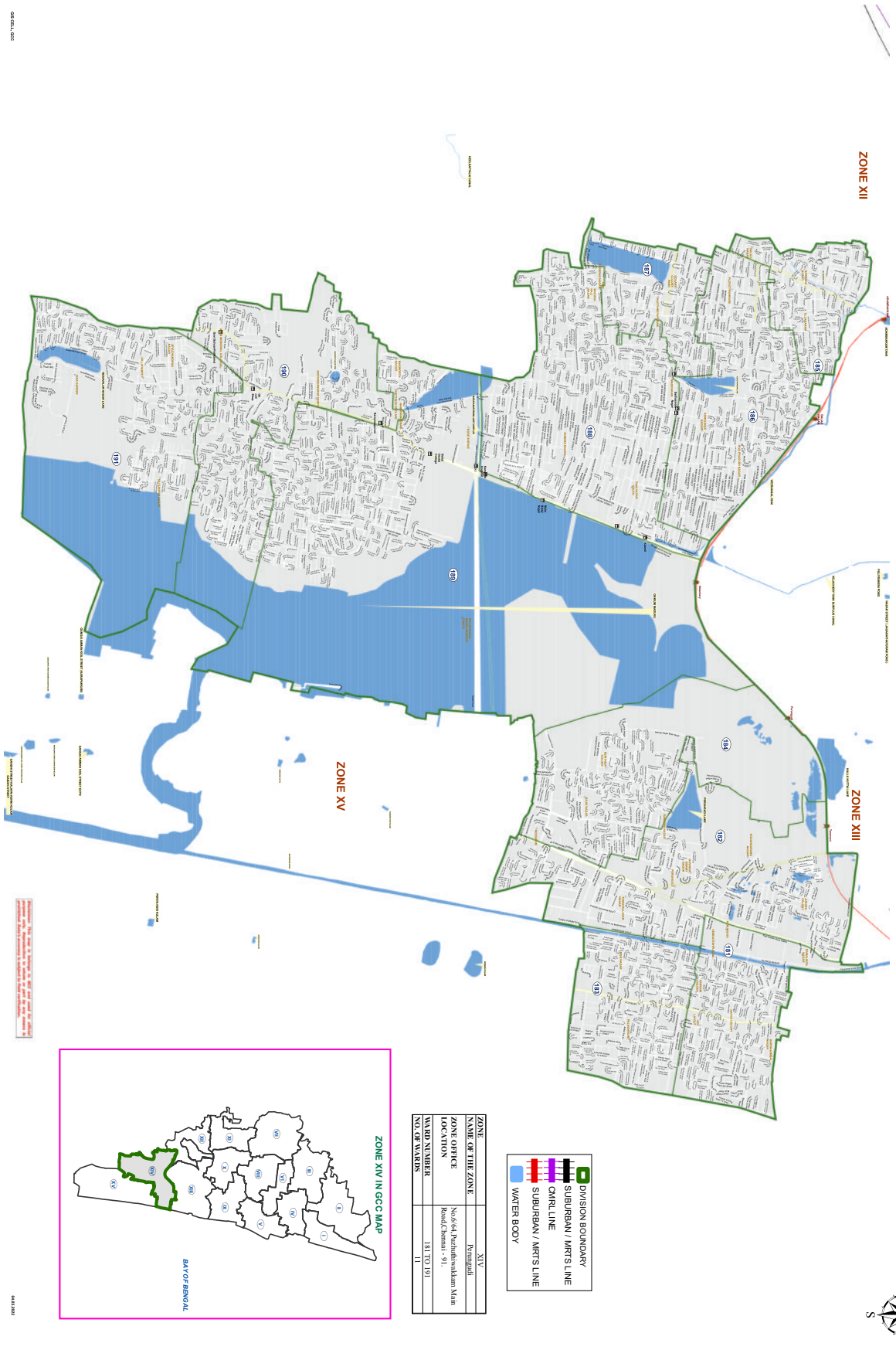
ZONE - XIV

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	715
2	Zone Administration	715
3	Public Health & Disease Control	717
4	Parks	717
5	Sewage Pumping Station	719
6	Tamilnadu Urban Habitat Development Board	719
7	Water Bodies and Water ways	719
8	Storm Water Drain	723
9	Water stagnated streets in the previous monsoon - heavy rain fall	724
10	Stagnation of water in streets due to sewer block	731
11	Relief centre	731
12	Subway	735
13	Tree fall	735
14	Streets - where water entered houses - do not require evacuation	735
15	Streets that require evacuation	740
16	Lighting facilities	742
17	National Disaster Response force	742
18	Rescue Boats	742
19	Transport Equipments & Lorries	743
20	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	744
21	Ward Committee	746

PERUNGUDI

ZONE XIV - WARD BOUNDARY



ZONE	
NAME OF THE ZONE	XIV
	Perungudi
ZONE OFFICE LOCATION	No.6/64,Puzhuthiwakkam Main Road,Chennai - 91.
WARD NUMBER	181 TO 191
NO. OF WARDS	11

Profile

The Perungudi zone lies in Latitude 13.0052°, Longitude 80.20248° and covering an area of 476.96km.

There are 3199 roads, out of which 3298 roads to a length of 467 km are Interior Roads, which are maintained by GCC and the remaining 11 roads are under the maintenance of Highways department and 1 road belongs to TNRDC.

The population is about 4.68lakhs that has Male population of 50.58% and Female population of 49.42 % In this zone, the most densed area is Ward 188 with a population of 64,764 and the least is Ward 187 with a population of 24,312. The Ward wise populations are given below,

Sl.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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

Sl.No.	Zone/Unit/ Ward	Designation	Phone/ Mobile No.
1.	14	Zonal Officer	9445190014
2.	14	Executive Engineer–I	9445190034
3.	14	Executive Engineer–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	14	Additional Divisional Engineer, Electrical	9445190054
9	14	Assistant Executive Engineer, Mechanical	9445190489

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.

Sl.No.	Designation	Zone/Unit/Div.	Phone/Mobile No.
1.	Sanitary Officer	U-41	9445190695
2	Sanitary Officer	U-42	9445190710
3	Sanitary Officer	U-43	9790978174

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.

Sl.No.	Designation	Zone/Unit/Div.	Phone/Mobile No.
1.	Zonal Health Officer	14	9445190074
2.	Sanitary Officer	U-41,	9445190695
3	Sanitary Officer	U-42	9445190710
4	Sanitary Officer	U-43	9790978174
5	Vetinary surgeon	Z-14	8825924703
6	Junior Entomologist	Z-14	9940970380

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,

Sl.No.	Team member contact No.	Equipment available	Area of operation
1.	Park Overseer 9445071062	Tree cutting saw Manual-11 Power saw-13	Perungudi

S.No	Ward	Name/Location of the Park
1.	181	Karpagambal Nagar 3rd Street, Netco colony, Rajiv Gandhi Salai true Value Homes, Prince InfoTech park, Rajiv Gandhi Salai HCL
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, Varalakshmi Tech, OMR Apollo Hospital, OMR Proton
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, WTC, Corporation Road, Periyar Salai.
5.	185	Lakshmi nagar 10th street
6.	186	Balaji nagar extn south, Iyyan thiruvalluvar park, Balaji nagar 19th street, AGS colony 2nd Street, Annai therasa 14th street, EPR nagar, Hindu colony 2nd Main Road park, Velachery Inner ring 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, Meenatchi Nagar
9.	189	Astalakshmi avenue,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, Kamakoti Nagar 9th cross Street, Rajesh nagar, Kamakoti Nagar 6th Street North, Jones foundation east (near Max worth Nagar), Chetti Nadu Housing Park2, Jones foundation west (near Maxworth Nagar), Chettinad Enclave
10.	190	Ambal Nagar Pond Park
11.	191	Jaya chandran nagar 5th main road, Jayachandran nagar 1st main road, Selene Estate, Krishna Nagar 3rd Cross street, Muthu Nagar OSR Park, G Square Synergy, Jayachandran Nagar 1st main road pond park, Casa grand Tranquil 1 & 2.

Sewage Pumping Stations

Pumping stations available at Dn 184 in Perungudi Zone.

Tamilnadu Urban Habitat Development Board

There are no TNUHDB 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

Sl. No.	Name of the Canal	Divisions Covered	From	To
1	Ullagaram Canal	185	MGR Street	Alex Street
2	B Canal	181 & 183	Kamaraj Salai	Holiday Inn
3	Veerangal Odai (MGR Street to Vanuvampet)	185 186 & 188	MGR Street	Vanumpet

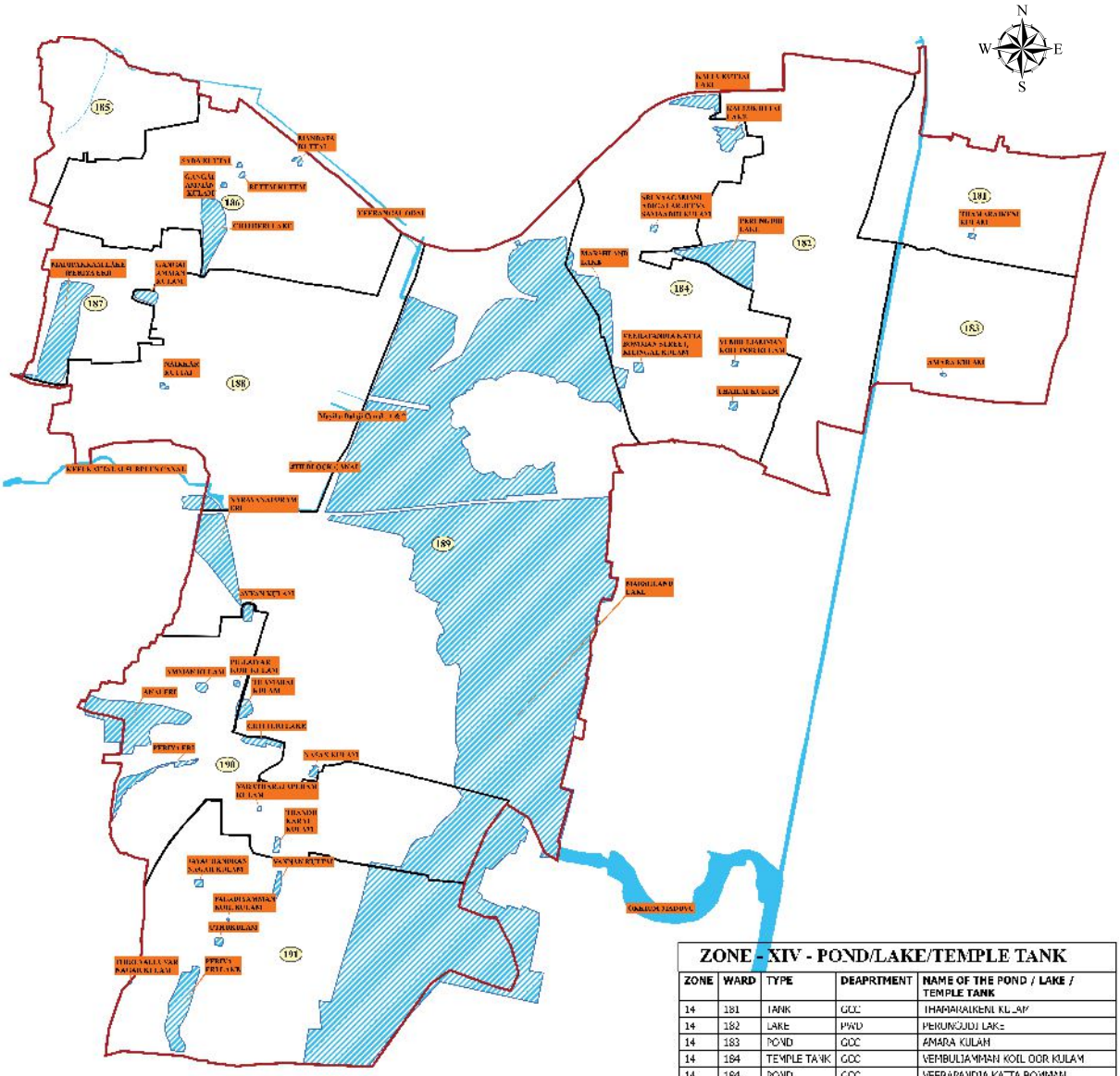
4	Mylai Balaji Nagar 1st Block Canal	188	Ram Nagar South 16th Main Road	Marsh Land
5	Mylai Balaji Nagar 4th Block Canal	188	Govindan Street	Marsh Land

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	WRD
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 Iyappa nagar lake	205500.00	WRD
13	187	Gangai Amman Kulam (Kulakarai 2nd Street)	187000.00	GCC

S. No	Ward	Location	Length/Area in M^2	Maintenance
14	188	Naickar Kuttai (Dr. Ambedkar Salai Mahalakshmi Nagar Jn.)	4170.00	GCC
15	189	Narayanapuram Lake	227250.00	WRD
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 Amman Koil street)	60780.00	WRD
20	190	Anai Eri (PWD) (Ambal Nagar)	121561.00	WRD
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 Velachery Main Road)	9500.00	GCC
24	190	Varadharajapuram Kulam	2400.00	GCC
25	190	Thandukkarai Kulam (Vivekanandar 1st Main Road)	10500.00	GCC
26	191	Jalladianpet Lake, Periya Eri (Veerathamman Koil Street) (PWD)	273900.00	WRD
27	191	Anchaneyar Nagar (Vannan kuttai)	101171.00	GCC
28	191	Gandhi Street (Uthukulam)	3600.00	GCC
29	191	Thiruvalluvar Nagar Kuttai	1150.00	GCC
30	191	Paladiyamman Koil Street (Kuttai)	176.00	GCC
31	191	Jayachandiran Nagar 1st Main Road pond	5880.00	GCC

ZONE XIV - WATER BODIES



ZONE - XIV - POND/LAKE/TEMPLE TANK

ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
14	181	TANK	GCC	THAMARAIKENI KULAM
14	182	LAKE	PWD	PERUNGUDI LAKE
14	183	POND	GCC	AMARA KULAM
14	184	TEMPLE TANK	GCC	VEMBULIAMMAN KOIL OOR KULAM
14	184	POND	GCC	VEERAPANDIA KATTA BOMMAN STREET,KILINGAL KULAM
14	184	LAKE	PORES	MARSHLAND LAKE
14	184	POND	GCC	SRI NAGAMMAN I ADIGALAR JEEVA SAMAADHI KULAM
14	184	LAKE	GCC	KATTUKUTTAI LAKE
14	184	LAKE	GCC	KATTUKUTTAI LAKE
14	184	POND	GCC	THATTAI KULAM
14	185	POND	GCC	RETTAI KUTTAI
14	185	LAKE	GCC	CHITTERI LAKE
14	185	TANK	GCC	SADA KUTTAI
14	185	TEMPLE TANK	GCC	GANGA AMMAN KULAM
14	186	POND	GCC	MANDAPA KUTTAI
14	187	POND	GCC	GANGA AMMAN KULAM
14	187	LAKE	WRD	MADAPAKKAM LAKE (PERIYA ERI)
14	188	POND	GCC	NAIKKAR KUTTAI
14	188	POND	GCC	NASAN KULAM
14	189	LAKE	GCC	MARSHLAND LAKE
14	189	LAKE	PWD	NARAYANAPURAM ERI
14	189	POND	GCC	THAMARAI KULAM
14	189	POND	GCC	AYYAN KULAM
14	190	LAKE	GCC	CHITTERI LAKE
14	190	POND	GCC	VARATHARAJAPURAM KULAM
14	190	POND	GCC	AMMAN KULAM
14	190	LAKE	WRD	ARAI ERI
14	190	POND	GCC	PILLAIYAR KOIL KULAM
14	190	POND	GCC	THANDU KARAI KULAM
14	190	LAKE	WRD	PERIYA ERI
14	191	LAKE	PWD	PERIYA ERI LAKE
14	191	POND	GCC	VANNAN KUTTAI
14	191	POND	GCC	PALADIYAMMA KOIL KULAM
14	191	TANK	GCC	JAYACHANDRAN NAGAR KULAM
14	191	POND	GCC	UTHU KULAM
14	191	POND	GCC	THIRUVALLUVAR NAGAR KULAM

LEGEND :

- POND/LAKE/TEMPLE POND
- CANAL
- WARD
- ZONE

ZONE - XIV - CANALS

ZONE	WARD	NAME OF THE CANAL
1,4,5,6,9,13,14,15	2,3,4,6,7,37,38,4	BUCKINGHAM CANAL
12,13,14	165,176,185,186	VEERANGAL ODAI
12,14	165,185	ULLAGARAM CANAL
14	188,189	Mayilai Balaji Canal - 1 & 2
14	188,189	KEELKATTALAI SURPLUS CANAL
14	188,189	4TH BLOCK CANAL
14,15	189,191,195,196	OKKIUM MADUVU

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.

775 storm water drains to a length of 173.51 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.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs Km
1.	181	24	3.41
2.	182	118	26.14
3.	183	18	3.98
4.	184	83	21.68
5.	185	55	10.58
6.	186	116	26.50
7.	187	50	8.79
8.	188	119	36.85
9.	189	97	20.76
10.	190	63	9.18
11.	191	32	5.58
Total	188	775	173.51

Water stagnated streets in the monsoon 2015 - 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	Reasonfor inundation	Motordetails (Hp,Diesel/ Petrol, Tractor)
1	181	L.P Nagar	Low lying area	5 HP/ Diesel
2	181	Jaganathan Street	Low lying area	5 HP/ Diesel
3	181	Lakshmi Vathana Street	Low lying area	7.5HP/ Diesel
4	181	Sri Venkateshwara Nagar 9th St	Low lying area	25HP/ Diesel
5	181	Kalyani Nimalan Street	Low lying area	5 HP/ Diesel
6	181	Kaveri Nagar 6th Street	Low lying area	45HP/ Diesel
7	181	Kaveri Nagar 5th Street	Low lying area	45HP/ Diesel
8	181	Bay Watch Road	Low lying area	100HP/ Elec 45HP/ Diesel
9	181	Swami nathan Nagar Streets	Due to raising of B Canal Water level back Duetoraising of flow B	5 HP/ Diesel
10	181	Natco Colony	Canal Waterlevel back flow	5 HP/ Diesel
11	182	Maruthi Nagar 1st main road	SWD Issue	25HP/ Diesel
12	182	Maruthi Nagar 2nd Main road	SWD Issue	5 HP/ Diesel
13	182	Maruthi Nagar 5th cross street	SWD Issue	25HP/ Diesel
14	182	Senthil Nagar 5th cross street	SWD Issue	2 HP/ Diesel
15	182	OMR (Junction of MGR Salai)	Low Lying area	45HP/ Diesel
16	183	VGP Nagar	Low Lying area	25HP/ Elec
17	183	Palakalai Nagar	SWD Issue	50HP/ Tractor
18	183	Jaishanakar Nagar	SWD Issue	10HP/ Diesel
19	183	Govindhan Nagar	SWD Issue	25HP/ Diesel
20	183	Kandasamy Nagar	Low Lying area	50HP/ Tractor 4/ HP
21	183	Mayana Salai	Low Lying area	50/ HP

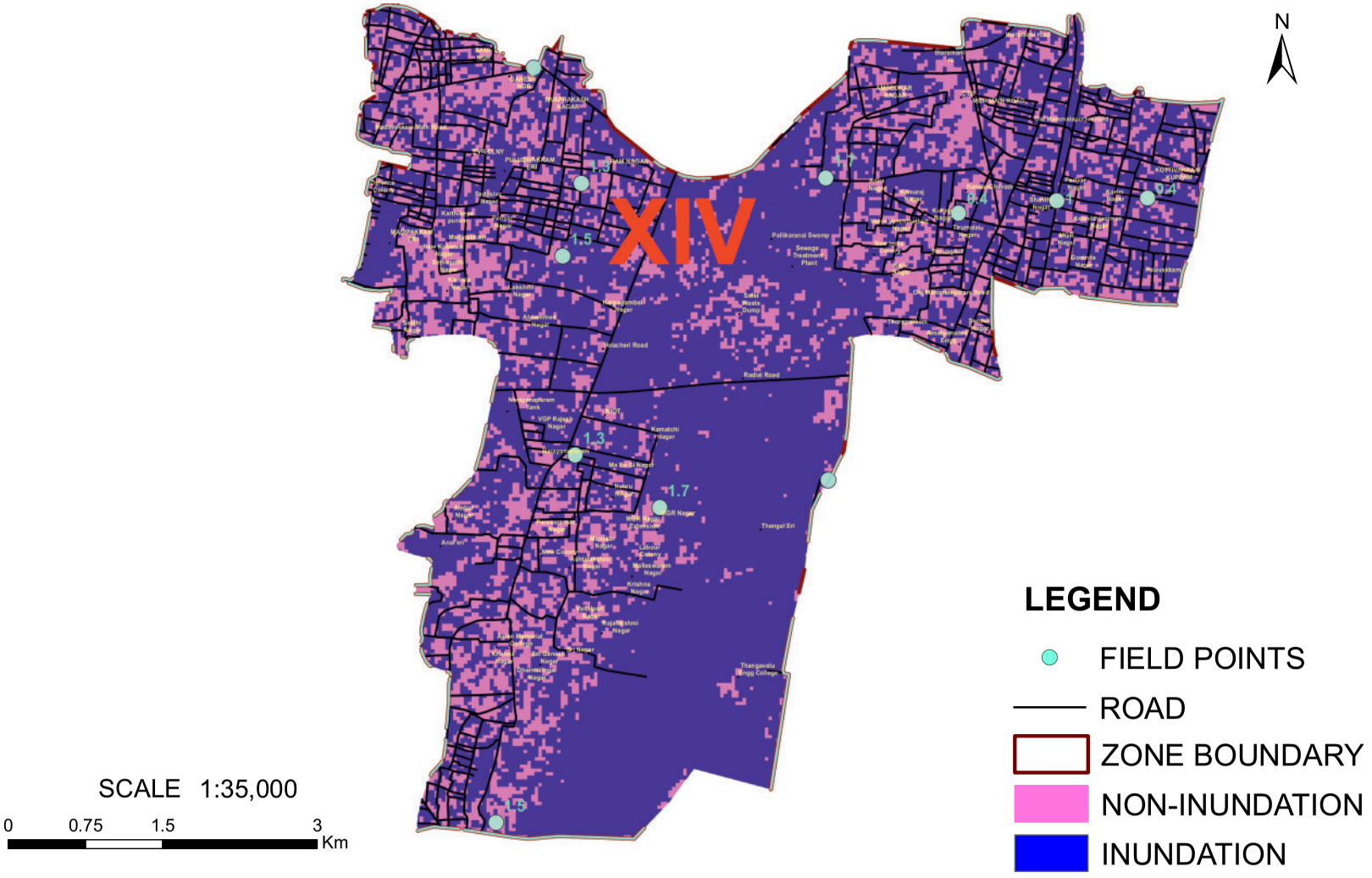
22	184	Panchayat office road	Low Lying area	5 HP/ Diesel
23	184	Thirumalai Nagar	Low Lying area	5 HP/ Diesel
24	184	Saravanan nagar	Low Lying area	5 HP/ Diesel
25	184	Kumaran Nagar	Low Lying area	5 HP/ Diesel
26	184	Seevaram 1st and 2nd street	Low Lying area	25HP/ Diesel
27	184	Selvaganapathy avenue	Low Lying area	25HP/ Diesel
28	184	Rajiv nagar	Low Lying area	25HP/ Diesel
29	184	JanakiramanNagar	Low Lying area	25HP/ Diesel
30	184	Kamarajar Nagar	Low Lying area	25HP/ Diesel
31	184	PeriyarSalai	Low Lying area	25HP/ Diesel
32	184	Nethaji Nagar	Low Lying area	25HP/ Diesel
33	184	Kallukuttai	CanalBlockage	25HP/ Diesel
34	185	Kuberan Munusamy Street	SWDDisposal	50HP/ Diesel
35	185	Lakshmi Nagar 5th Street Extn	Low Lying area	25HP/ Diesel
36	185	Balaji Avenue	Low Lying area	25HP/ Diesel
37	185	Giri Street	Low Lying area	
38	185	Kasturibai street	Low Lying area	
39	185	Balaji Nagar 10th street Extn	No Storm Water Drain	25HP/ Diesel
40	186	New India Colony	Disposal end of Veerangalodai overflow	50HP/Tractor
41	186	Mageswari Avenue	Disposal end of Veerangalodai overflow	10HP/ Diesel
42	186	Jaya Nagar	NoStormWater Drain	10HP/ Diesel
43	186	Ram Nagar (North)	Disposal end of Veerangalodai overflow	25HP/Diesel (2 no's)
44	186	Balaji Nagar	Disposal end of Veerangalodai overflow	5 HP/ Diesel
45	187	Deivanai Nagar 2nd street	Low Lying area	5 HP/ Diesel
46	187	Deivanai Nagar 3rd street	Low Lying area	50HP/Tractor
47	187	Bharath Street	Low Lying area	5 HP/ Diesel
48	188	Anna Nagar	Low Lying area	5 HP/ Diesel
49	188	Meenakshi Nagar	Low Lying area	50HP/ Tractor
50	188	Arumugam Nagar	Low Lying area	5 HP/ Diesel
51	188	Kuberan nagar Extn	Low Lying area	5 HP/ Diesel
52	188	Ram Nagar (south)	Low Lying area	25HP/ Diesel
53	188	LIC Nagar	Low Lying area	5 HP/ Diesel
54	188	Sadasivam Nagar	Low Lying area	5 HP/ Diesel
55	188	Lakshmi Nagar	Low Lying area	10HP/ Diesel

56	189	Rajesh Nagar	Low Lying area	5 HP/ Diesel
57	189	Nageswari Amman Nagar	Low Lying area	5 HP/ Diesel
58	189	MaPoSi Nagar	Low Lying area	5 HP/ Diesel
59	189	Kamakotti Nagar	Low Lying area	5 HP/ Diesel
60	189	SaiBalaji Nagar Part - 1	Low Lying area	50HP/Tractor
61	189	Veppampattu	Low Lying area	50HP/Tractor
62	189	SaiBabaNagar	Low Lying area	50HP/Tractor
63	189	Pudhuthangal	Low Lying area	50HP/Tractor
64	189	Malligeswaran Nagar	Low Lying area	50HP/Tractor
65	189	Anna M.G.R Nagar	Low Lying area	50HP/Tractor
66	189	Dr.Ambedkarstreet	Low Lying area	50HP/Tractor
67	189	Labour colony	Low Lying area	50HP/Tractor
68	189	NagathammanKoil Street	Low Lying area	50HP/Tractor
69	189	Tropical colony	Low Lying area	5 HP/ Diesel
70	189	Seevas Avenue	Low Lying area	5 HP/ Diesel
71	189	AGS Colony	Low Lying area	5 HP/ Diesel
72	189	Dhanam Nagar	Low Lying area	5 HP/ Diesel
73	189	ArunNagar	Low Lying area	50HP/Tractor
71	189	AGS Colony	Low Lying area	5 HP/ Diesel
72	189	Dhanam Nagar	Low Lying area	5 HP/ Diesel
73	189	Arun Nagar	Low Lying area	50HP/Tractor
74	189	Kamatchiyamman Nagar	Low Lying area	50HP/Tractor
75	189	QuidemillathNagar	Low Lying area	50HP/Tractor
76	190	Sai Balaji Nagar 2nd to 4th Part (21Roads)	Low Lying area	50HP/Tractor
77	190	Pasumpon Nagar (3 Roads)	Low Lying area	10HP/ Diesel
78	190	Pampan Samy Nagar (3Roads)	Low Lying area	10HP/ Diesel
79	190	Sri Nagar (3 Roads)	Low Lying area	7.5HP/ Diesel
80	190	Vallal Pari Nagar (4 Roads)	Low Lying area	10HP/ Diesel
81	190	Rajalakshmi Nagar 7th Street extn (Ranga- natha-puram) (1Road)	Near Marshland	10HP/ Diesel
82	191	Sai Ganesh Nagar (35 Nos Cross street & 6 main road) 41 streets	Near Marshland	50HP/Tractor

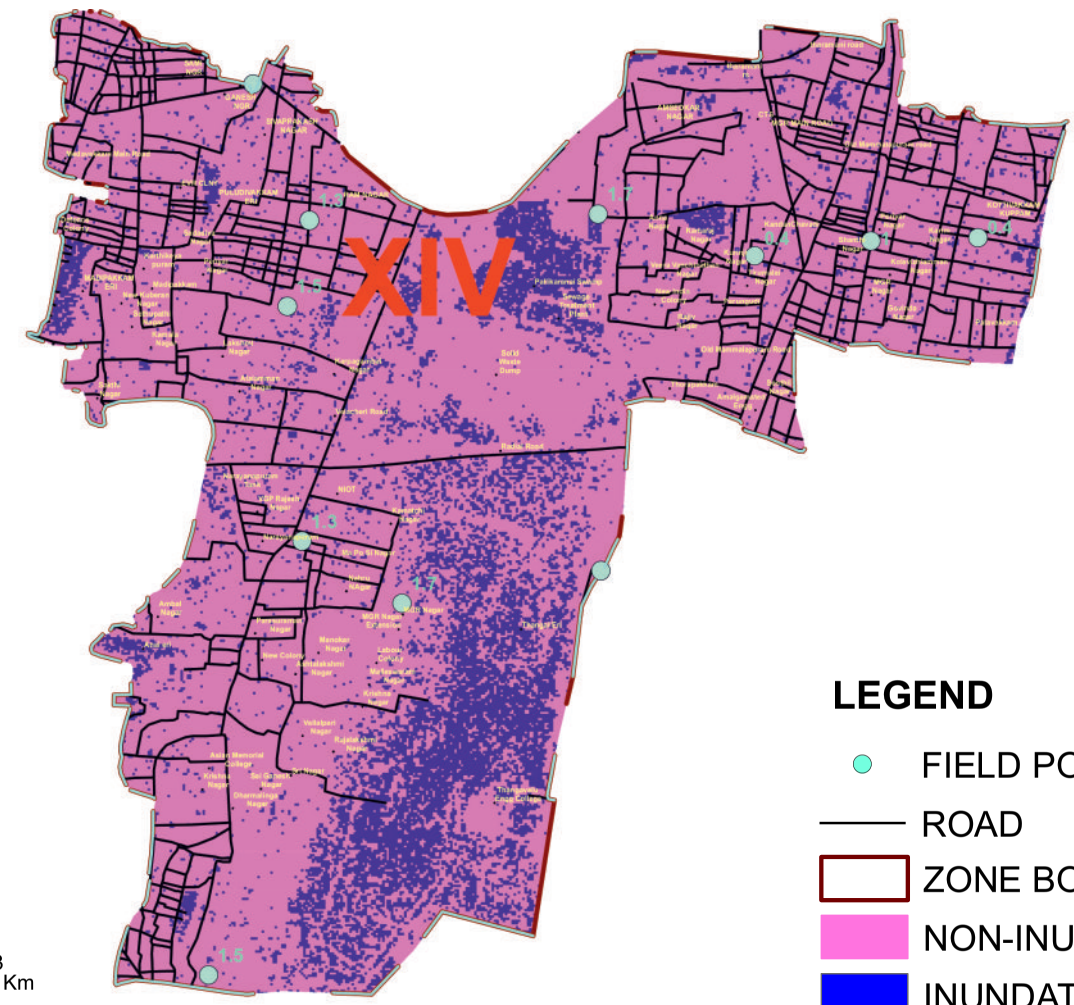
83	191	Pandiyan Nagar(2Nos Main road & 7Nos crossstreet) 9streets	Lake	50HP/Tractor
84	191	Nesavalar Nagar (12 Streets)	Lake	5 HP/ Diesel
85	191	Padmavathi Nagar (6 streets)	Low lying area	5 HP/ Diesel
83	191	Pandiyan Nagar (2Nos Main road & 7Nos crossstreet) 9streets	Lake	50HP/Tractor
84	191	Nesavalar 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	QuaideMillath street	Low lying area	6.5HP/ Diesel

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.

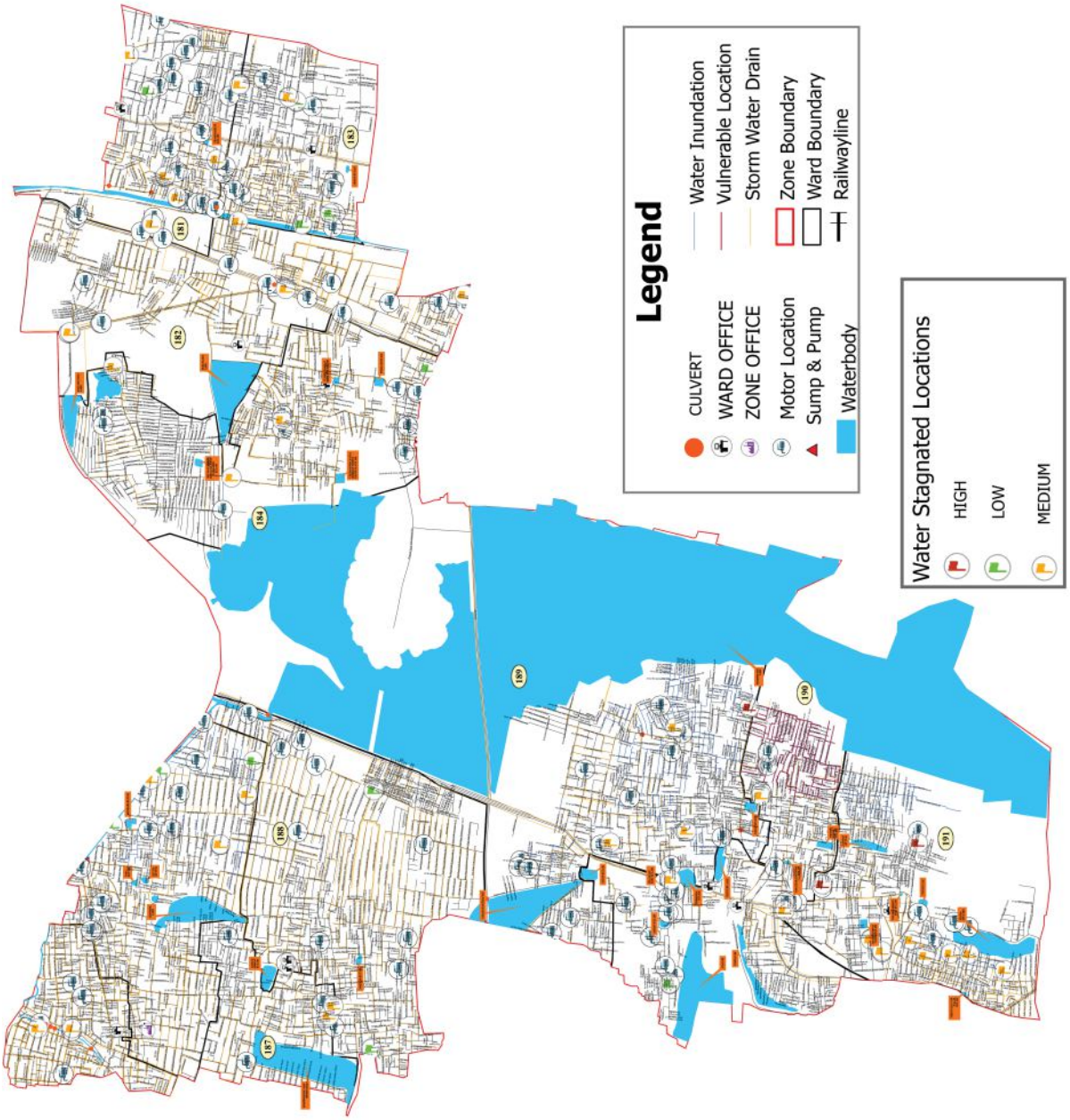
INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



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



ZONE XIV
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS



Saravana Nagar



Stagnation of water in streets due to sewer blocks:

There is no sewer Blocks in Perungudi Zone.

Relief Centres

There are 20 relief centres to a total capacity of 17,600 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.

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.
1	185	300	Karpaga Vigneswara Vidhyalaya School	Parthiban Street, Ullagram	YES	YES	NO	Sanitation, Medicine	SI	9445025985
								Evacuation	AE	9445190785
								Food & Drinking water	ARO	
								Relief Materials	AE	9445190094

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.
2	187	300	Sai Matriculation Hr. Sec. School	Kamaraj St, Madipakkam	YES	YES	NO	Sanitation, Medicine	SI	9445025983
								Evacuation	AE	9445190786
								Food & Drinking water	ARO	
								Relief Materials	AE	9445190094
3	186	700	Thanthai Periyar Hi Sec School	Sarathi nagar, Ravanan nagar, Balaji Nagar	YES	YES	NO	Sanitation, Medicine	SI	9445025986
								Evacuation	AE	9445190786
								Food& Drinking water	ARO	
								Relief Materials	AE	9445190094
4	181	300	Nellai Nadar School	Kottivakkam kuppam, New colony,	YES	YES	NO	Sanitation, Medicine	SI	9445025981
								Evacuation	AE	9445190781
								Food & Drinking water	ARO	
								Relief Materials	AE	9445190094
5	181	300	St Antony School	Swaminadhan nagar, enkatesapuram, Ilango nagar	YES	YES	NO	Sanitation, Medicine	SI	9445025981
								Evacuation	AE	9445190781
								Food & Drinking water	ARO	
								Relief Materials	AE	9445190094

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.
6	181	300	Kuppam Community Hall	Kottivakkam Kuppam	YES	YES	NO	Sanitation, Medicine	SI	9445025981
								Evacuation	AE	9445190781
								Food & Drinking water	ARO	9445190094
								Relief Materials	AE	9445190781
7	183	150	Govt. Adi Dravidar Hr. Sec. School	Palkaiai Nagar, Palavakkam Ch-41.	YES	YES	NO	Sanitation, Medicine	SI	9445025983
								Evacuation	AE	9445190782
								Food & Drinking water	ARO	9445190094
								Relief Materials	AE	9445190783
8	183	250	Adi Dravidar Primary School	Kandasamy nagar, Palavakkam	YES	YES	NO	Sanitation, Medicine	SI	9445025983
								Evacuation	AE	9445190783
								Food & Drinking water	ARO	9445190094
								Relief Materials	AE	9445190783
9	184	150	Chennai Primary School, School Road	School Road, Perungudi, Ch - 96.	YES	YES	NO	Sanitation, Medicine	SI	9445025984
								Evacuation	AE	9445190784
								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 charge	Contact No.
10	188	300	Chennai Middle School	Mylai Balaji Nagar	Yes	Yes	No	Sanitation, Medicine	SI	9445025988
								Evacuation	AE	9445190788
								Food & Drinking water	ARO	9445190094
								Relief Materials	AE	9445025988
11	191	300	Chennai Middle School	Veerathamman Koil Street	Yes	Yes	No	Sanitation, Medicine	SI	9445025991
								Evacuation	AE	9445190791
								Food & Drinking water	ARO	9445190094
								Relief Materials	AE	9445190791
12	189	700	St. Antony School	Sebiam Nagar	yes	yes	No	Sanitation, Medicine	SI	9445025989
								Evacuation	AE	9445190789
								Food & Drink-ing water	ARO	9445190094
								Relief Materi-als	AE	9445190789
13	190	600	Govt. Hr. Sec. School	Tambaram, Velachery, Main Road.	yes	yes	No	Sanitation, Medicine	SI	9445025989
								Evacuation	AE	9445190790
								Food & Drink-ing water	ARO	9445190094
								Relief Materi-als	AE	9445190790
14	182	500	Chennai Middle School	Perungudi	yes	yes	No	Sanitation, Medicine	SI	9445025982
								Evacuation	AE	9445190782
								Food & Drink-ing water	ARO	9445190094
								Relief Materi-als	AE	9445190782

Subway

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

Tree fall

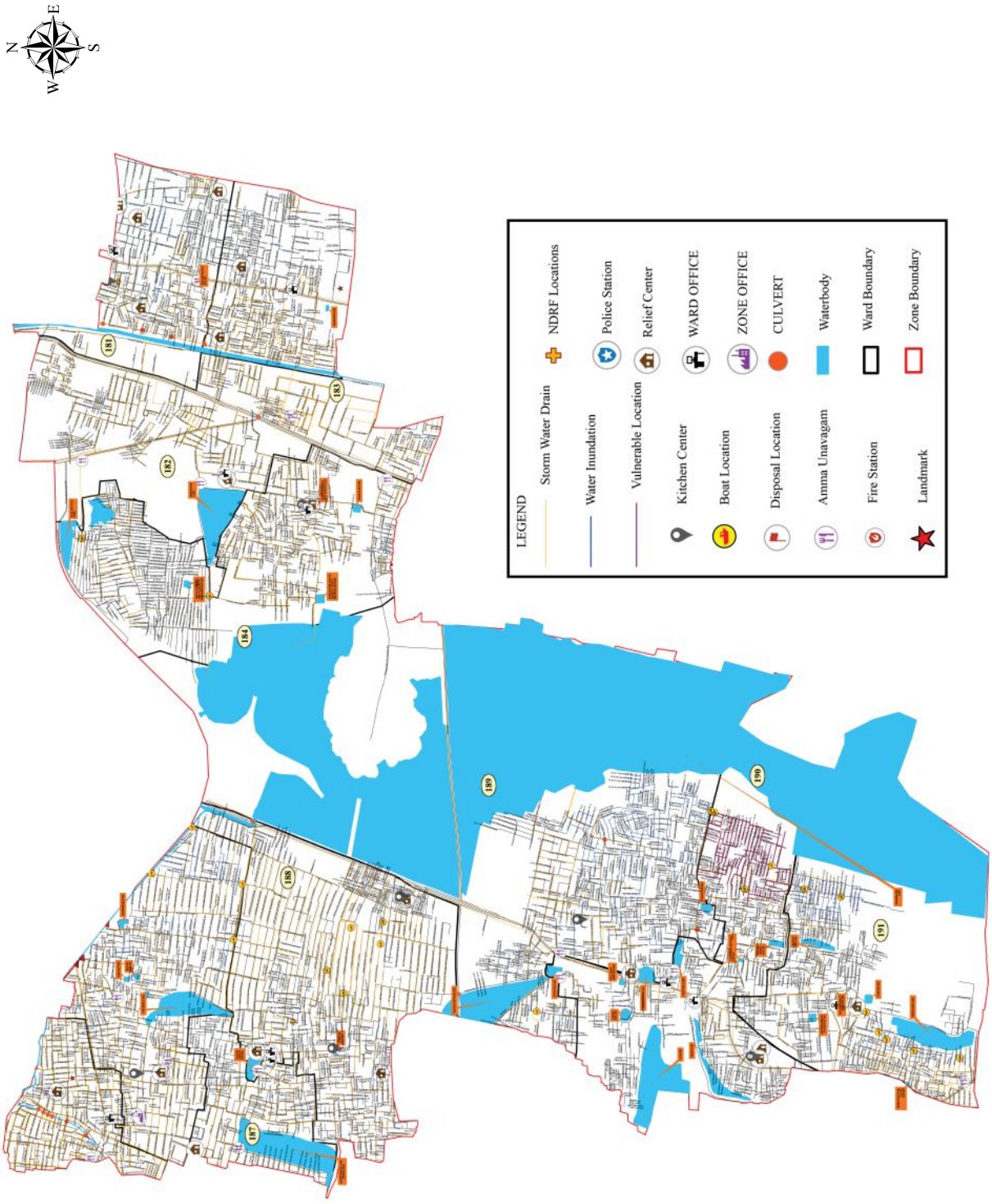
During the last monsoon, in Perungudi zone totally 24 tree branches were fallen and cleared. The following tree fall locations in this zone were noticed and in these placesspecial precautionary steps like pruning of tree branches shall be done in advance. The details are as follows,

Sl.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.

ZONE XIV
PRE MONSOON PREPAREDNESS MAP



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,

Sl. No	Ward/ Name	Name of the area/ streets
1.	185 Ullagaram	Nanganallur 6th main road, Nanganallur 2nd main road, Mac Millan main road, Giri street NSC Bose road Mathiyazhagan street, Kamaraj Street
2.	186 Puzhuthivakkam	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.

Sl. 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, Thiruvall-uvar 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	Nageswariamman 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 1st Street, Sai baba Nagar 3rd Main Road, Sai baba Nagar 4th Main Road, Sai baba Nagar 5th Main Road

Sl. No	Ward/ Name	Name of the area/ streets
11.	190 Pallikaranai	Quide – Millath Nagar 1st street to 5th 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 Bharathidasan street, Carmel street, Kamarajar street, Rajiv Gandhi street, Moovendar street,
12.	191 Jalladianpettai	Pallavan Nagar 1-6 streets, Nethaji Street, Nagathamman koil street, Padmavathy Nagar Main road, pagavath singh street, Rajeshwari street
13.	191 Jalladianpettai	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

Ward	Streets	No. of persons	Years	Relief centre
185	M.G.R street, Erikkarai Salai, Kamarajar Street, Mathiazhagan Street, Eswaran Koil street, Puzhuthivakkam bus stand,	400	Dec-15	CPS School, Ul-lagaram
	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
181	MGR Nagar, Anna nagar, Sathya nagar, Elango nagar, Vengadesapuram, New Colony, Kuppam	4000	Dec-15	Adi Dravidar Primary Schools, Palavakkam
182	Santhiya nagar, J.J.Nagar, Annal Ambedkar nagar, K.P.K nagar West, Anjugam Ammaiyar nagar, Kallukuttai,	10000	Dec-15	Govt. Higher Secondary School, Kanthachavadi
183	Maniyammai street, M.G.R nagar, Kolavziyamman street, Krishnan nagar, Ambedhakar street, Periyar street, Cholan nagar,	3200	Dec-15	Adi Dravidan Hr. Sec. School, Palavakkam

Ward	Streets	No. of persons	Years	Relief centre
184	Maruthi nagar, Senthil nagar, Saravana nagar, Selvaganapathy Avenue,	300	Dec-25	Chennai Primary School, Perungudi
187	Karthikeyapuram 12th Street, Madipakkam Main Road, New Kubera Nagar 5th Street,	400		Sai Matriculation Hr. Sec.. School
188	Thanthai Periyar Nagar, Nagesh-wariamman Nagar, Rajesh Nagar, Anna Nagar West, Sri Nagar, Ram Nagar South Extn, Kuberan Nagar Extn,	1200	Dec-2025	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-2025	St. Antony School, Selvam Nagar, Pallikaranai
190	Sai balaji nagar, Pasumpon nagar, Vallal pari nagar, Immanu-vel street, Barathidasan street ,	1000	Dec-2025	Govt. Hr. Sec. School, Tambaram, Velachery Main Road
191	Padmavathi Nagar, Pallavan Nagar, Neswallar Nagar, An-cheneyar Nagar, Sai Ganesh Nagar,	1250	Dec-2025	CMS, Veerathamman Koil Street, Jalladianpet

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	186	Zonal Office -14 Puzhuthivakkam
2	181	AGS Colony Indoor Stadium
3	182	School Road Unit Office
4	183	Division Office ECR Main Road
5	188	Holy Prince Matri.Hr.Sec School
6	189	Sri Neelambal Mahal

NDRF

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


Rescue boat in Perungudi

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 Engineersare 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.

Sl. No.	ward	Number of boats required with location / evacuation areas	Contact person & Number
1	186	Div 186 Ward Office	AE-9445190486
2	186	Div 186 Ward Office	AE-9445190486

Sl. No.	ward	Number of boats required with location / evacuation areas	Contact person & Number
3	184	Kallukuttai	AE-9445190484
4	186	Balaji nagar 24th street	AE-9445190486
5	186	JK Salai	AE-9445190486
6	186	Annai thera nagar	AE-9445190486
7	186	Village road	AE-9445190486
8	186	Pandian nagar main road	AE-9445190486
9	186	Ram nagar north	AE-9445190486
10	186	Sundarajan salai	AE-9445190486
11	188	Kuberan nagar 7th street	AE-9445190488
12	188	Kuberan nagar 10th street	AE-9445190488
13	188	Kuberan nagar 15th street	AE-9445190488
14	189	Sai Balaji Nagar	AE-9445190489
15	189	AGS Colony	AE-9445190489
16	189	Pudhu thangal	AE-9445190489
17	190	Sai Balaji Nagar	AE-9445190490
18	190	Pasum pon nagar	AE-9445190490
19	190	Sri Nagar	AE-9445190490
20	190	Pamban swami nagar	AE-9445190490
21	191	Nesavalar nagar	AE-9445190491
22	191	Sai Ganesh Nagar	AE-9445190491
23	191	Pandian Nagar	AE-9445190491

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 readiness	
Debris lorry	3
Skid steer loaders(Bobcat)	3

Assistant Engineer contact No.	JCB	Bobcat	Open lorry	Water tanker Lorry
9445026115	0	4	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.	188 Kotti vak-kam	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 balaji street, bagirathi 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 Viveganantha r Street,Srinivasa Nagar Arivoli Street, Srinivasa Nagar Brindavan 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
2.	181 & 184	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.	183 & 182 Pala vakkam	Venkatesapuram, Swaminathan Nagar, Kuppam, MGR Salai, annai sandhiya nagar, J.J.Nagar,

S.No	Ward no/ Area	Name of the street
3.	183	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
4.	182	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 4th street, Selvaganapthy avenue extn, Selvaganapthy avenue 3rd main road, Selvaganapthy avenue 2nd street, Selvaganapthy avenue 3rd streetsaravana nagar kudisai paguthiSaravana nagar 2nd street, Rajiv nagar 4th cross

S.No	Ward no/ Area	Name of the street
5.	189 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 streetVGP Rajesh Nagar 1st Main Road,Narayanapuram Erikarai Salai, Nageswariamman Nagar, Sri Nagar 1 to 6 Streets, LIC Nagar 5th Street, LIC Nagar 6th Street
6.	191 Jalladian pettai	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 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 163 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	9445025981
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	9840046484
Revenue	License Inspector	9094835752
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930396
TANGEDCO	Junior Engineer	9280073930
BSNL	Assistant Engineer	9445086052
Fire service	Inspector	9445086050
Police station	Inspector	7339588590
WRD	Assistant Engineer	9442774705
TNUHDB	Assistant Engineer	9940012048

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	9445025982
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	9380815146
Revenue	License Inspector	9551620114
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930182
TANGEDCO	Junior Engineer	9280073932
BSNL	Assistant Engineer	9445118800
Fire service	Inspector	9445086050
Police station	Inspector	9498131618
WRD	Assistant Engineer	9445171686 / 9344341207
TNUHDB	Assistant Engineer	9940012048
Highways	Divisional Engineer	8072380917

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	8825924703
GCC - Revenue	Tax Collector	9790789226
Revenue	License Inspector	9094835752
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930393
TANGEDCO	Junior Engineer	9280073933
BSNL	Assistant Engineer	9444505727
Fire service	Inspector	9445086050
Police station	Inspector	9498010010
WRD	Assistant Engineer	7200027050
TNUHDB	Assistant Engineer	9443365995

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	9445025984
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	9709789226
Revenue	License Inspector	9840681891
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930184
TANGEDCO	Junior Engineer	9280073965
BSNL	Assistant Engineer	9445086526
Fire service	Inspector	9445086050
Police station	Inspector	9444714222
WRD	Assistant Engineer	9442774705

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	9445477695
GCC- Health	Sanitary Inspector	9445025985
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	6380116561
Revenue	License Inspector	9840681891
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930185
TANGEDCO	Junior Engineer	9280071850
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9445086050
Police station	Inspector	044-23452774
PWD	Assistant Engineer	9344341207 / 9442774705

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	-
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	9710080034
Revenue	License Inspector	9551620114
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930186
TANGEDCO	Junior Engineer	9280073936
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9445086050
Police station	Inspector	044-2345274
WRD	Assistant Engineer	9344341207 / 944277405

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	8825924703
GCC - Revenue	Tax Collector	9380815146
Revenue	License Inspector	7904402981
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930576
TANGEDCO	Junior Engineer	9280073937
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9445086050
Police station	Inspector	9498100160
WRD	Assistant Engineer	9442774705
TNUHDB	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	9445477698
GCC- Health	Sanitary Inspector	9445025988
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	8667566159
Revenue	License Inspector	7904402981
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930188
TANGEDCO	Junior Engineer	9280073938
BSNL	Assistant Engineer	9841189018
Fire service	Inspector	9445086050
Police station	Inspector	044-23452774
WRD	Assistant Engineer	9442774705

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	9445477689
GCC- Health	Sanitary Inspector	9445025989
GCC - Veterinary	VAS	8825924703
GCC - Revenue	Tax Collector	9884759276
Revenue	Licence Inspector	9840527323
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930189
TANGEDCO	Junior Engineer	9280073975
BSNL	Assistant Engineer	9500270949
Fire service	Inspector	9445086050
Police station	Inspector	9443227382
WRD	Assistant Engineer	9344341207 / 9442774705

Ward committee - 190
Ward Councillor - 9445467190

Name of the department	Designation	Contact Number
Thiru.Sivaprakasam	Ward Councillor	8838068007
GCC - Engineering	Assistant Exe.Engineer (i/c)	9445477990
GCC - Electrical	Assistant Engineer	9445190790
GCC- Health	Sanitary Inspector	9445025990
GCC - Veterinary	Veterinary Assistant Surgeon	8825924703
GCC - Revenue	Tax Collector	9500153976
Revenue	Licence Inspector	9840527323
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8144930191
TANGEDCO	Junior Engineer	9280073857
BSNL	Assistant Engineer	9840951525
Fire service	Inspector	9498250338
Police station	Inspector	9498100162
WRD	Assistant Engineer	9944447316

Ward committee - 191

Ward Councillor - 9445467191

Name of the department	Designation	Contact Number
Tmt.Lakshmi	Ward Councillor	9884073092
GCC - Engineering	Assistant Engineer	9445190791
GCC - Electrical	Assistant Engineer	9445477691
GCC- Health	Sanitary Inspector	9445025991
GCC - Veterinary	VAS	8825924703
GCC - Revenue	Tax Collector	9566173742
Revenue	Licence Inspector	9840527323
GCC - Park overseer	Park Supervisor	6379414766
CMWSSB	Assistant Engineer	8939855191
TANGEDCO	Junior Engineer	9280073975
BSNL	Assistant Engineer	9500270949
Fire service	Inspector	9445086050
Police station	Inspector	9443227382
WRD	Assistant Engineer	9790311629

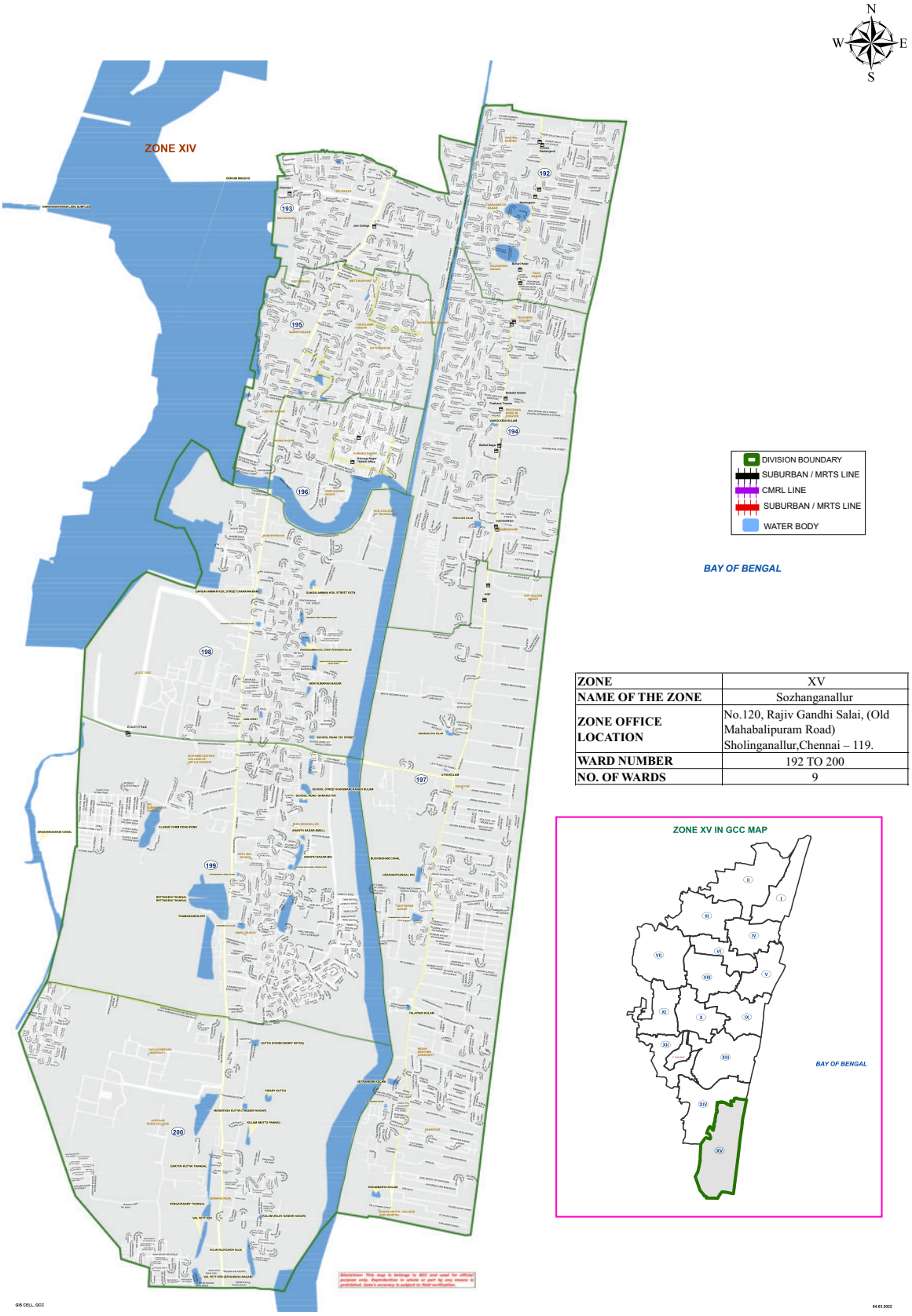
ZONE - XV

ZONE CONTENTS

Sl. No	Description	Page No
1	Profile	756
2	Zone Administration	756
3	Public Health & Disease Control	757
4	Parks	758
5	Sewage Pumping Station	759
6	Tamilnadu Urban Habitat Development Board	759
7	Water Bodies and Water ways	760
8	Storm Water Drain	763
9	Water stagnated streets in the previous monsoon - heavy rain fall	764
10	Water stagnated streets in the previous monsoon - mild rain fall	770
11	Water stagnated streets in the previous monsoon - moderate rain fall	770
12	Stagnation of water in streets due to sewer block	770
13	Relief centre	771
14	Subway	773
15	Tree fall	773
16	Streets - where water entered houses - do not require evacuation	773
17	Streets that require evacuation	773
18	Lighting facilities	775
19	National Disaster Response force	776
20	Rescue Boats	776
21	Transport Equipments & Lorries	777
22	Less than 2.5m streets / lanes that cannot be accessed by Vehicles	777
23	Ward Committee	777

SHOLINGANALLUR

ZONE XV - WARD BOUNDARY



ZONE	XV
NAME OF THE ZONE	Sozhanganallur
ZONE OFFICE LOCATION	No.120, Rajiv Gandhi Salai, (Old Mahabalipuram Road) Sholinganallur,Chennai – 119.
WARD NUMBER	192 TO 200
NO. OF WARDS	9

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 dense area in the zone is 195 with a population of 115928 and the least is 199 with a population of 5832. The Ward wise population is given below,

Sl.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 155 of this booklet. The respective officers/staff may be taken on board to address the issues pertaining to them.

Sl. 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.

Sl. No.	Designation	Unit/ Ward.No.	Office Mobile Number
1	Executive Engineer-1	Zone 15-U 44	9445190035
2	Executive Engineer-2	U-45	9445191480
3	Assistant Executive Engineer	Unit 44	9445190144
4	Assistant Executive Engineer	Unit 45	9445190145
5	Assistant Divisional Engineer, Electrical	Zone 15	9445190055
6	Assistant Executive Engineer, Mechanical	Zone 15	9445190484/ 9445190490

Solid Waste Management

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

Sl. 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.

Sl. No.	Designation	Zone/ Unit/ Ward.No.	Office Mobile Number
1	Zonal Health Officer	ZoneXV	9445190075
2	Veterinary Surgeon	ZoneXV	7904074895
3	Junior Entomologist	ZoneXV	9094947440
4	Sanitary Officer	Unit 44	9994845747
5	Sanitary Officer	Unit 45	8939771046

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,

Sl. No.	Team member contact No	Equipment available	Area of operation
1	9445194730 Park Overseer	Power saw – 15 Manual saw- 15 Tree Pruner - 15	Shozhanganallur

S.No	Ward	Name / Location of the Park
1	192	Raja Nagar Park, Workers Estate Park
2	193	Sri Sai Nagar Park, R.E Nagar Park , Customs Colony Park, Anand Nagar Park, Sakthi Nagar Park, Balamurugan Garden Park, Vinayaga Nagar Park, Radiance Appartment Road Side Park
3	194	Anna Enclave Park, M.K.Radha Avenue Park, VGP Park
4	195	Chandrasekhar Avenue Secretariat Colony Park, PTC Quarters Park, Sakthi Srinivasan Salai Park, CASA GRANDA Park I, CTS Park, CASA GRANDA Park II, Guindy Engineering College Park, CREEK Street Park, Foundry Salai Park, CEEBROSS Park I, CEEBROSS Park II
5	196	Kannagi Nagar 9th Main Road Park, Kannagi Nagar 10th Cross Street Park, Kannagi Nagar 2nd Cross Street Park, Kannagi Nagar 7th Cross Street Park, Kannag Nagar 8th Street Thiruvalluvar Street Park, Sakthi Garden (Jain House Park) Annai Indra Nagar Park, Kannagi Nagar & Ezhil Nagar Approach Road Park
6	197	VGP Layout Park, Prestige Park, Iskon Temple Park, Sea Cliff Park, NRI Layout Park, Mantri Park

S.No	Ward	Name / Location of the Park
7	198	Sadagoppan Park, New Kumaran Nagar Park, Devaraj Nagar Park, Dollar Park, Techi Park, Nehru Park, Anna Park, ASV Park, CASA GRANDA Park I, River View Residency 6th Street Park, DHOSHI Appartment Park, TVH PLOOMS Park I, TVH PLOOMS Park II, CASA GRANDA Park II
8	199	Kumarasamy Nagar Main Road West Park, Elcot Avenue 1st street Park, Kumarasamy Nagar Main Road North Park, Kumarasamy Nagar 6th Street Park, Nedunchezhian Street Park, TNHB E12 Road Park, TNHB E17 Road Park, TNHB B6 Road Park, TNHB C6 Road Park, Pondicherry Pattai Salai Park, TNHB 1500 Flats Park, Model School Road Park, (Bashyam) Park, (Adroit) Park, (Citadines) Park, (Appasamy) Park, KK Salai Link Road Park, TNHB E36 Road Park, TNHB C7 Road Park, TNHB 'A' Road Park, Model school Road Extn Park, Balaji Nagar Park, Radiance Park, Elcot Avenue Main Road Park
9	200	TNUHDB 1st Main Road Park, TNUHDB 33rd Cross Street Park, TNUHDB 2nd Main Road Park, Times of India Park, Elegants Pinnacle Apartment Park, Microchip Park, SAS Hotel Appasamy Building Park, Jananis Shree Nilayam 13th Street (Phase-I Park) , Jansen's Srikrithi Park, Phase-I Extension Park, Janani's Shri Nilayam 10th Main Road (Phase-II Park) , Bharathi Nagar Main Road Park, Anna Salai 1st Cross Street Park

Sewage Pumping Stations

There are no pumping stations available in Sozhanganallur Zone

Tamilnadu Urban Habitat Development Board

There are 3 TNUHDB 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,

Sl.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.
TNUHDB	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 36.23km to ease the flow of rain water. The details of various water bodies in this zone are listed below,

Canals

Sl. No.	Name of the Canal	Divisions Covered	From	To	Length of Canal (Km)
1	South B canal	192to200	Neelangarai	Uthandi	11Km
2	Okkiyam Maduvu	195	Thuraipakkam	Thuraipakkam	2 Km
3	Arasankeni Canal	200,199	Madhurapakkam Odai	Okkiyyam Maduvu	7 Km
4	Secretariat Colony Canal	195	Kumaran Kudil 5th Cross Street	Secretariat Colony 5th Main Road	0.55 Km
5	Jawahar Nagar Canal	200	Jawahar Nagar 1st street	Jawahar Nagar 11th street	1.58 Km

Other water bodies

S. No	Ward	Wardname	Location	Length/ Areain M^2
1	192	Vanna Kulam at ECR	Neelanakarai	3440
2	192	Thamarai Keni Kulam at Sen-geniamman Koil Street	Neelanakarai	2988
3	192	Maegni Kulam at Ranga Reddy Garden	Neelanakarai	2423
4	192	Ellai Kuttai at Kazura Garden	Neelanakarai	1464
5	192	Ellaiamman Koil Street Kuttai	Neelanakarai	1612
6	193	Kannan Kulam (Pillaiyar Koil Street North Pond)	Thoraipakkam	2640
7	193	Pazhichan Kuttai Kulam (Kulakkarai Street)	Thoraipakkam	2021
8	194	Gangaiamman Koil Street (M To N194)	Injambakkam	4050
9	194	Shalimar Garden 2nd Street (M To N194)	Injambakkam	3750
10	194	Hanuman Colony (M To N194)	Injambakkam	3150
11	194	Vannakeni Thatchankeni Kulam	Injambakkam	10603
12	194	Periyakeni Kulam	Injambakkam	5099
13	194	Thangal Keni	Injambakkam	4937
14	195	P.T.C Quarters Pond at Quar-ters 2nd Main Road	Okkiyam Thoraipakkam	2960
15	195	Eswaran Koil Street	Okkiyam Thoraipakkam	8000
16	195	Nehru NagarNehru Nagar (Periya Chathra Kulam)	Okkiyam Thoraipakkam	4189
17	195	Kumaran Kudil Extn 3rd Cross Street	Okkiyam Thoraipakkam	1750
18	195	Aahagandaswari Nagar Pond	Okkiyam Thoraipakkam	3600
19	196	Kannagi Nagar 17th Main Road Pond	Kannagi Nagar	17493
20	196	Kannagi Nagar 17th Main Road Pond	Kannagi Nagar	5921
21	197	Pidariamman Kulam	Pidari Amman Koil Street	9000
22	197	Thanthoniamman Koil Kulam	Thanthoni Amman Koil Street	16050
23	197	MGR Kulam(Vettiyar Palayam Kulam)	MGR Salai (PVR Backside)	22800
24	197	El Shanth Kulam	Sarsivi Raman Road	1750
25	197	Gangaiamman Kulam	Gangaiamman Koil Main Street (Colony)	3150
26	197	Periyakeni Kulam	Sengeniamman Koil Street	3750
27	197	Thalaiyarimaniyam Kulam	East Coast Road (Opposite To Casagrand Villas)	3100
28	197	Thamarai Kulam	East Coast Road (Imu Gate Adjoint)	5850

29	197	Kudaimaniyam Kulam	Opposite To Rajaji Salai	2050
30	197	Narayanan Kuttai	Adithya Ram Nagar	7500
31	197	Narayanan Kuttai	Adithya Ram Nagar	1550
32	197	Thennampoigai Kulam	Quidemillath Street	12400
33	197	Uzhaverkenithangal Pond	Rajiv Gandhi Nagar 4th Street	71400
34	197	Vellakuttai	Adithya Ram Nagar Palace Back Side	5500
35	197	East Coast Road	Opposite To Madeena Hardwares	16250
36	197	Allikulam	Allikulam Main Road	3050
37	197	Akkarai Village Main Street	Near Mandri Villas	4830
38	197	Pillayar Koil Kulam	Akkarai Village Main Street	4550
39	197	Bhakthivedanda Salai	Bhakthivedanda Salai	3000
40	197	Kanakku Maniyam Kulam	Gangaiamman Colony(Metro Water Tank Back Side)	12000
41	197	Kannakkan Maniyam Kulam	Vimala Garden	1150
42	197	Kannakkan Maniyam Kulam	Vimala Garden	3350
43	198	Kadappai Keni Pond at Karapakkam	Gandhi Main Road	6213
44	198	Chinnakeni Kulam-Rangasamy Street	Rangasamy Street	2973
45	198	New Kumaran Nagar 2nd Main Road Pond	New Kumaran Nagar 2nd Main Road	5666
46	198	Karumanchavadi Kulam - Sadagopan Street (Karapakkam)	Mahathma Gandhi Street	2115
47	198	Periya Keni Kulam Vendra-siamman Koil Street Extn (Karapakkam)	Vendrasiamman Koil Street Extn	12654
48	198	Gangai Amman Koil Kulam - Gangaiamman Koil Street (Karapakkam)	Gangaiamman Koil Street	2500
49	198	Uzhavar Keni Kulam - Gan-gaiamman Koil Street Extn., (Karapakkam)	Gangaiamman Koil Street Extention	5000
50	198	School 1st Street kulam (Near Water filling point)	School 1st Street	2000
51	198	Wipro Pond	Wipro Street	4500
52	199	Saffarkani Kulam	Sholinganallur	10000
53	199	Odaikeni Kulam - KTK Town Main Road (Near Prithiyan-gira Temple)	Sholinganallur	9300
54	199	Vankeni Kulam	Sholinganallur	9100
55	199	Sembeni Kulam	Sholinganallur	5100
56	199	Perumalkeni Kulam (Anantha Nagar Kulam)	Sholinganallur	12150
57	199	Aavudaiyan Kuttai Balaji Nagar Kulam (Near Elansharma School)	Sholinganallur	4600

58	199	Gangaiamman Koil Street Sholinganallur	Sholinganallur	2326
59	199	Ponniamman Koil Street	Sholinganallur	5100
60	199	Paraserikeni Kulam (Pud huchery Keni)	Sholinganallur	42400
61	199	Kilinjalkeni Kulam Sathyavani - muthu Street Pond - Burial Ground	Sholinganallur	3250
62	199	Vannan Kulam - Sathyavani muthu Street	Sholinganallur	-
63	199	Sri Raman Thangal Lake	Sholinganallur	168750
64	199	Rettaikeni Thangal	Sholinganallur	84000
65	200	Chinna Kulam (Thiruvalluvar Salai Pond)	Thiruvalluvar Salai	2300
66	200	Kuttai (Thoppu Mayanam Kulam Pondicherry Pattai)	Pondicherry Pattai Salai	4700
67	200	Venkatesan Kuttai (Saraya Kulam)	Pondicherry Pattai Salai	5500
68	200	Pidari Thangal (Purah Kulam)	Pondicherry Pattai Salai	11050
69	200	Pidari Thangal (Near Purah Kulam)	Pondicherry Pattai Salai	2700
70	200	Kulam (Veeravanjinadhan Pond)	Veeravanjinadhan Street	2850
71	200	Rajiv Gandhi Nagar Pond	Rajiv Gandhi Nagar	-
72	200	Periya Thamarai Kulam (Karu - manchavadi Pond) (Thaali Kulam)	Cholan Street	8450
73	200	Thangal (Majestic Layout)	Majestic Layout	15950
74	200	Kulam (Near Majestic Layout OSR)	Majestic Layout 5th Cross Street	2100
75	200	Kulam (Therku Ellai Pattai Salai)	Therku Ellai Pattai Salai	4400
76	200	Pudhu Thaangal	Rajiv Gandhi Salai	49500
77	200	Venkatasamy Naidu Thangal (Near Pudhu Thangal)	Panchayat Office Main Road	13200
78	200	Rettai Kuttai Thangal	Gandhi Nagar Maha Nagar Main Road	95250
79	200	Valvetti Thangal	Gandhi Nagar Maha Nagar Main Road	286500
80	200	Kal Kulam	Rajiv Gandhi Salai	7350
81	200	Subash Chandrabose Street Pond	Subash Chandrabose Street	824

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.

440 storm water drains to a length of 74.23 Km were constructed to ease the flow of rain water in Sozhanganallur zone. The details of SWD are given below.

Sl. No.	Ward	Total No. of SWDs	Length of SWDs KM
1	192	48	8.99
2	193	32	3.98
3	194	45	7.75
4	195	48	9.62
5	196	30	8.32
6	197	6	1.52
7	198	32	7.55
8	199	42	9.26
9	200	157	17.19
		440	74.23

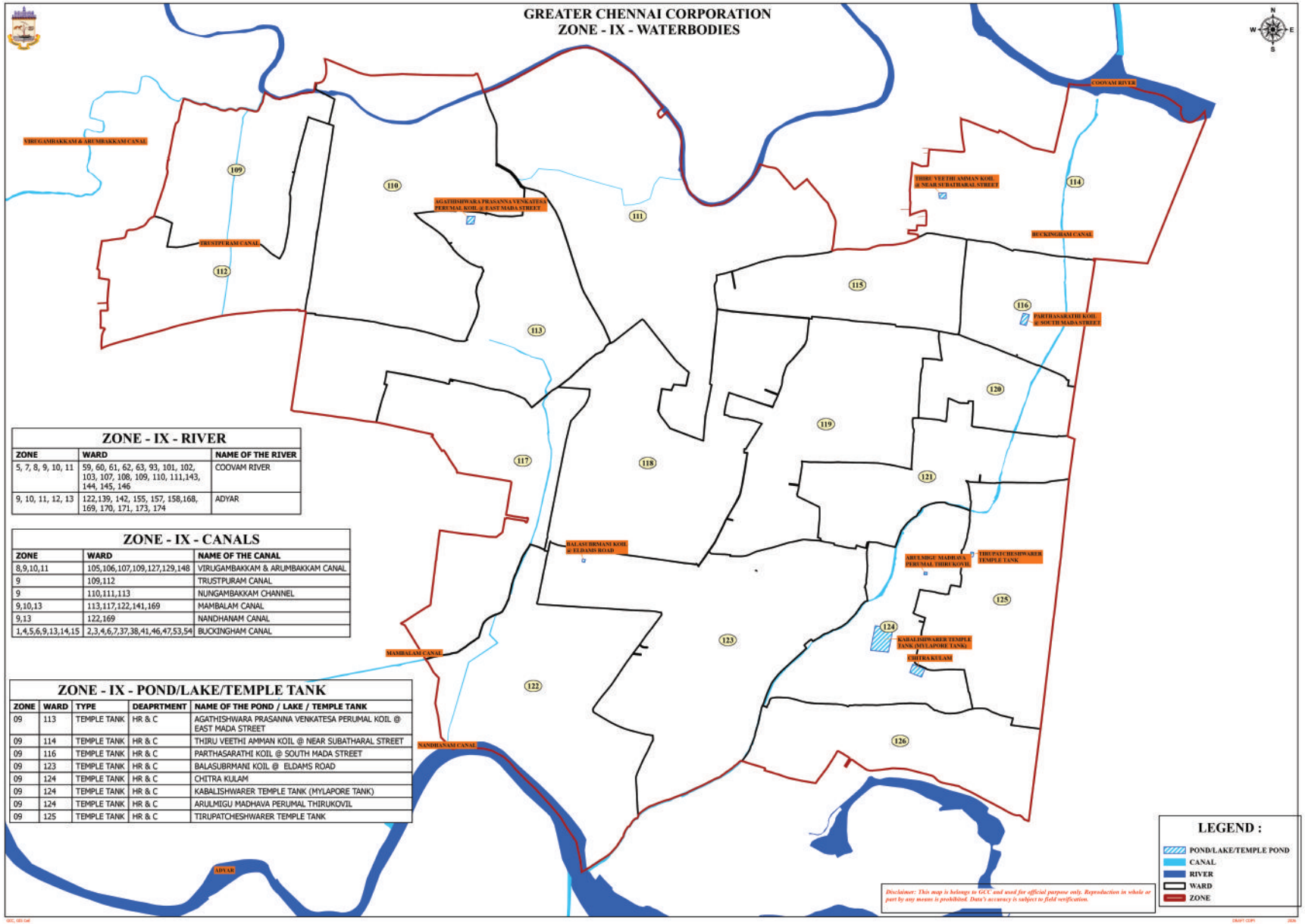
Streets - water stagnated in the monsoon 2015- heavy rain

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.



ZONE - IX - RIVER

ZONE	WARD	NAME OF THE RIVER
5, 7, 8, 9, 10, 11	59, 60, 61, 62, 63, 93, 101, 102, 103, 107, 108, 109, 110, 111,143, 144, 145, 146	COOVAM RIVER
9, 10, 11, 12, 13	122,139, 142, 155, 157, 158,168, 169, 170, 171, 173, 174	ADYAR

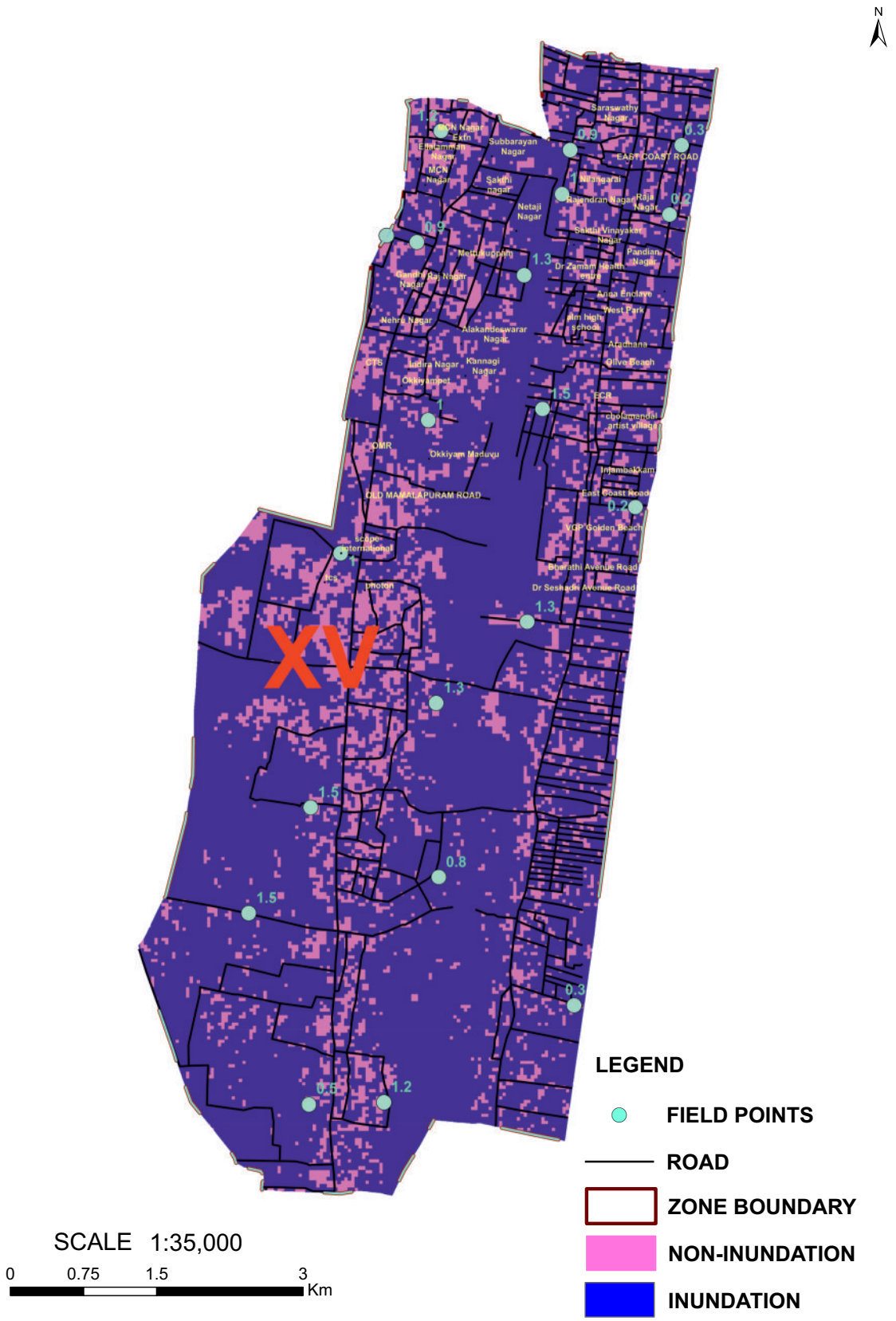
ZONE - IX - CANALS

ZONE	WARD	NAME OF THE CANAL
8,9,10,11	105,106,107,109,127,129,148	VIRUGAMBAKKAM & ARUMBAKKAM CANAL
9	109,112	TRUSTPURAM CANAL
9	110,111,113	NUNGAMBAKKAM CHANNEL
9,10,13	113,117,122,141,169	MAMBALAM CANAL
9,13	122,169	NANDHANAM CANAL
1,4,5,6,9,13,14,15	2,3,4,6,7,37,38,41,46,47,53,54	BUCKINGHAM CANAL

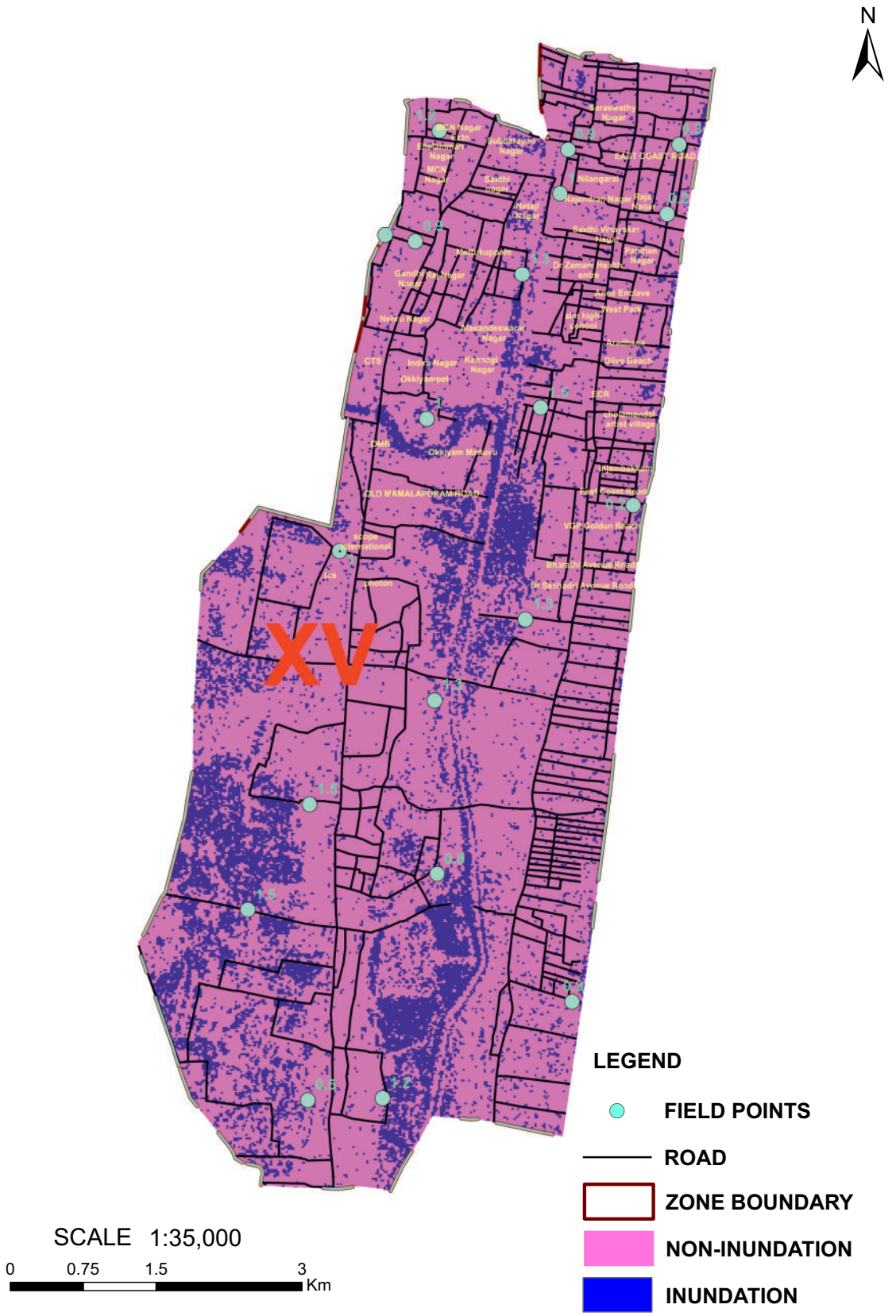
ZONE - IX - POND/LAKE/TEMPLE TANK

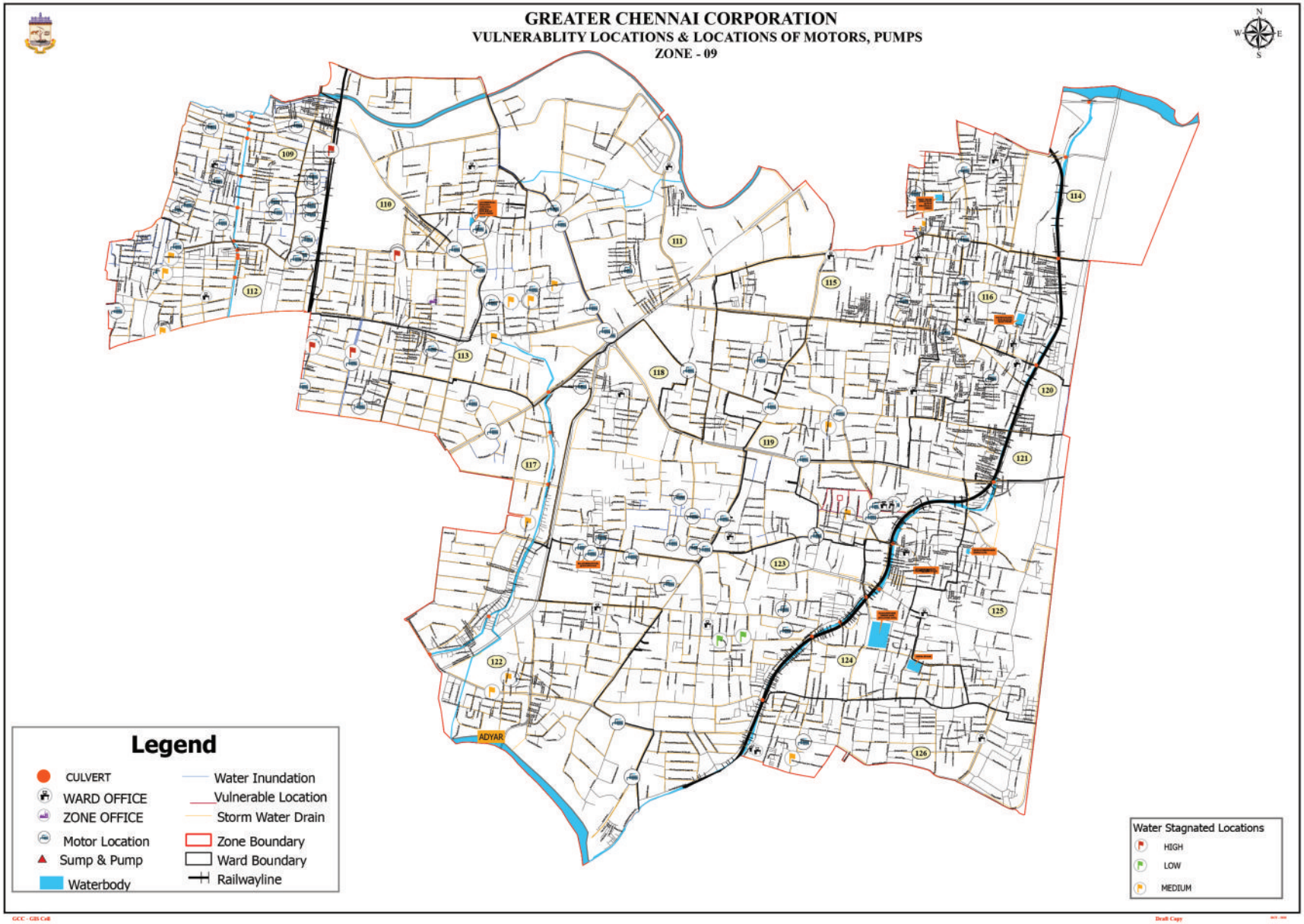
ZONE	WARD	TYPE	DEAPRTMENT	NAME OF THE POND / LAKE / TEMPLE TANK
09	113	TEMPLE TANK	HR & C	AGATHISHWARA PRASANNA VENKATESA PERUMAL KOIL @ EAST MADA STREET
09	114	TEMPLE TANK	HR & C	THIRU VEETHI AMMAN KOIL @ NEAR SUBATHARAL STREET
09	116	TEMPLE TANK	HR & C	PARTHASARATHI KOIL @ SOUTH MADA STREET
09	123	TEMPLE TANK	HR & C	BALASUBRMANI KOIL @ ELDAMS ROAD
09	124	TEMPLE TANK	HR & C	CHITRA KULAM
09	124	TEMPLE TANK	HR & C	KABALISHWARER TEMPLE TANK (MYLAPORE TANK)
09	124	TEMPLE TANK	HR & C	ARULMIGU MADHAVA PERUMAL THIRUKOVIL
09	125	TEMPLE TANK	HR & C	TIRUPATCHESHWARER TEMPLE TANK

INUNDATION EXTENT ON 3 RD DECEMBER 2015 BASED ON RISAT MICROWAVE SATELLITE



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




GREATER CHENNAI CORPORATION
VULNERABLITY LOCATIONS & LOCATIONS OF MOTORS, PUMPS
ZONE - 09
N
W
E
S
ADYAR
Legend
CULVERT
WARD OFFICE
ZONE OFFICE
Motor Location
Sump & Pump
Waterbody
Water Inundation
Vulnerable Location
Storm Water Drain
Zone Boundary
Ward Boundary
Railwayline
Water Stagnated Locations
HIGH
LOW
MEDIUM
Draft Copy

Streets - water stagnated in the monsoon 2015- mild rain

S.No.	ward	Name of the Street
1	193	OMR BSR Mall Thoraipakkam
2	193	Sai Nagar, Thoraipakkam
3	194	Hanuman Colony
4	195	Gangai Amman Koil Street
5	195	Eswaran Koil Street

Streets - water stagnated in the monsoon 2015- Moderate rain

S.No.	ward	Name of the Street
1	193	Arignar anna 8th street
2	193	OMR near BSR mall
3	194	Royal Enclave
4	194	Anna Enclave
4	194	Hanuman Colony
5	194	Kudupi Complex
6	195	Gangaiamman Koil Street
7	195	Eswaran Koil Street
8	197	KK Salai Near Mandri Vilas
9	198	The Channai Mobiles, OMR Service Road
10	198	Devaraj Nagar 2nd Main Road
11	198	Anna Street, Karapakkam
12	198	Division Office Karapakkam
13	198	Bharathidasan Street
14	200	Jawahar Nagar
15	200	Tsunami Nagar

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.

Sl. No.	Div.No.	Capacity	Name of relief centresavailable	Listofstreetspeople to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No
1	192	250	PDN Kalyana mandapam, Neelankarai	Aringar An - nastreet	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025992 9791017597
								Evacuation	AE	9445190792
								Food & Drink-ingwater	ARO	9445190095
								Relief Materi als	AE	9445190792
2	192	250	Panchayat middle school, Neelangarai	Chinna Neelanga-rai, Periya Neelangarai	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025992 9791017597
								Evacuation	AE	9445190792
								Food & Drink-ingwater	ARO	9445190095
								Relief Materi-als	AE	9445190792
3	193	300	Govt. Hr School, Thoraipakkam	Pan-dian nagar, Aringar nanagar, VPG Av-enue	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025993 9159161147
								Evacuation	AE	9445190793
								Food & Drink-ingwater	ARO	9445190095
								Relief Materi-als	AE	9445190793
4	194	300	St.Joseph School - Vet-tuvankeni	Karpagavin ayagarnagar, Mahathma Gandhinagar Ganeshnagar	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025994 9791017597
								Evacuation	AE	9445190794
								Food & Drink-ingwater	ARO	9445190095
								Relief Materials	AE	9445190794
5	194	100	Amaithi Koil Injamabak - kam (VGP)	Bethel Nagar	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025994 9791017597
								Evacuation	AE	9445190794
								Food & Drink-king water	ARO	9445190095
								Relief Materi-als	AE	9445190794

Sl. No.	Div.No.	Capacity	Name of relief centresavailable	Listofstreetspeople to be shifted	Drinking water	Toilets	Cooking facilities	Responsibilities	Officer in-charge	Contact No
6	197	250	GPJ Mandapam, Akkarai, Sozhanganallur	MGR Nagar	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025997 9080306614
								Evacuation	AE	9445190797
								Food & Drinking water	ARO	9445190095
								Relief Materials	AE	9445190797
7	197	250	TsunamiCentre, Kudumiyan dithoppu	Kudumiyan dithoppu	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025997 9080306614
								Evacuation	AE	9445190797
								Food & Drinking water	ARO	9445190095
								Relief Materials	AE	9445190797
8	197	100	Tsunami Centre, Kudumiyan dithoppu	Uthandi	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025997 9080306614
								Evacuation	AE	9445190797
								Food & Drinking water	ARO	9445190095
								Relief Materials	AE	9445190797
9	199	300	Govt. HrSchool, Sozhanganallur	Gandhi nagar	Yes	Yes	Yes	Sanitation, Medicine	SI	9445025999 9080306614
								Evacuation	AE	9445190799
								Food & Drinking water	ARO	9445190095
								Relief Materials	AE	9445190799
10	200	200	Panchayat Union Primary School - Chemmenchery	Jawahar nagar, Ezhilmuga nagar, Rajiv Gandi nagar	Yes	Yes	Yes	Sanitation, Medicine	SI	7871399131 9962536114
								Evacuation	AE	9445190800
								Food & Drinking water	ARO	9445190095
								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,

Sl.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

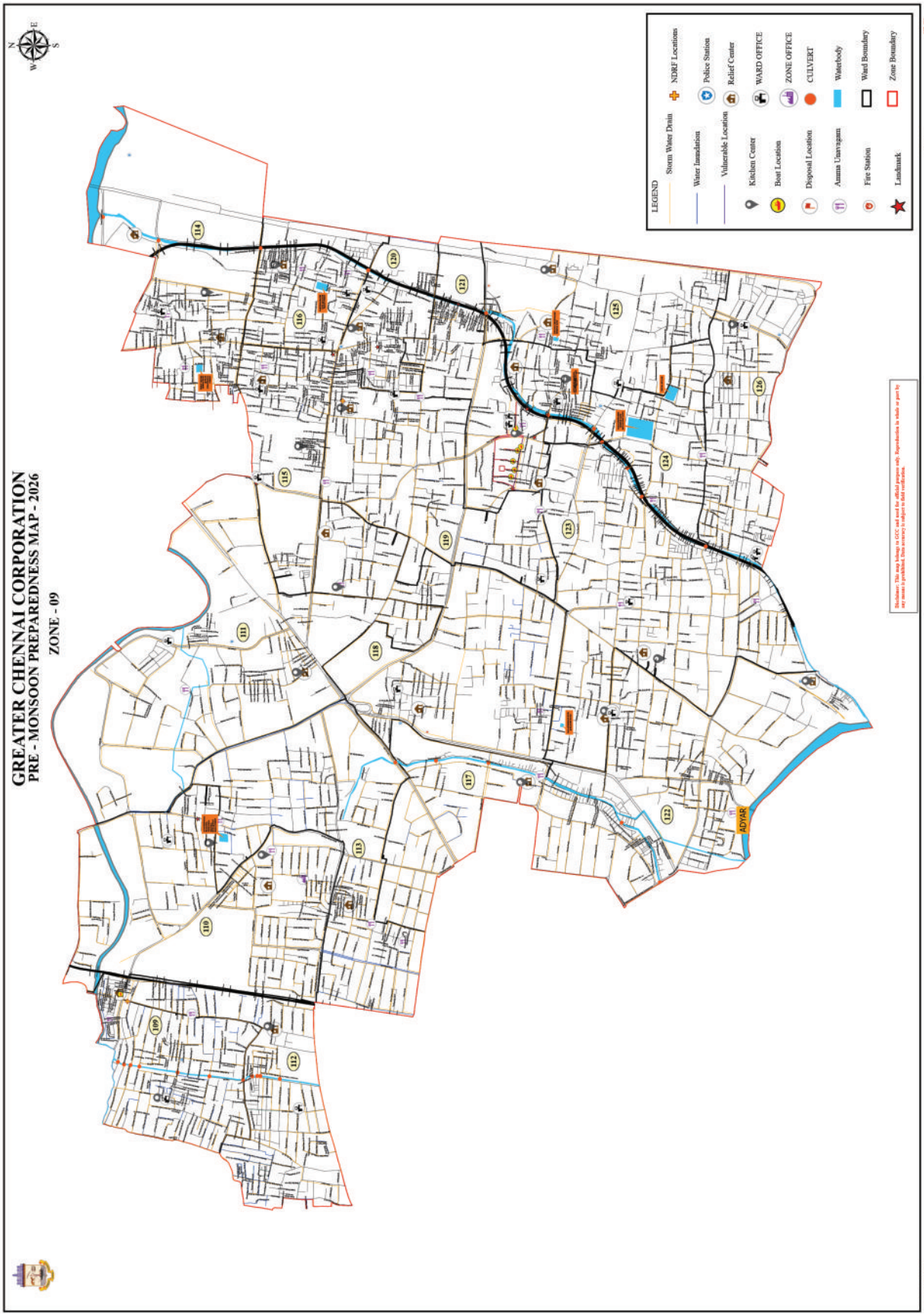
Streets - where water entered houses - do not require evacuation

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,

Sl.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 accomodated in below mentioned relief centres. They were provided with basic amenities like accomodation, food and relief materials for 25 days. The details and locations evacuation are given below


GREATER CHENNAI CORPORATION
PRE - MONSOON PREPAREDNESS MAP - 2026
ZONE - 09
LEGEND
Storm Water Drain
Water Inundation
Vulnerable Location
Kitchen Center
Boat Location
Disposal Location
Annna Unavagam
Fire Station
Landmark
NDRF Locations
Police Station
Relief Center
WARD OFFICE
ZONE OFFICE
CULVERT
Waterbody
Ward Boundary
Zone Boundary
ADYAR

Sl. 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.

Sl. No.	Ward	Contact person	
		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



VINAYAKAR KOIL STREET, WARD 194

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 and the precautionary measures which needs to be taken before and during the rain are given below.

Sl. No.	Ward	Number of boats required with location /evacuation areas	Boats stationed Location	Contact Number
1	192	1No.of boat at Aringer Anna 4th Street	Aringer Anna 4th Street	9445190792
2	193	3Nos.of boats at Anandha Nagar Sai nagar	Anandha Nagar	9445190793
3	194	2No. of boats at Bethel nagar	Thiruvalluvar Salai	9445190794
4	195	8Nos.of boats at Secretariat Colony, Kannadasan nagar, Arihant road,	Secretariat Colony VGP Avenue Extn.	9445190795
5	197	1No.of boat at Bhakthi Vedandha Salai	Bhakthi Vedandha Salai	9445190797
6	198	2No.of boat at River View Colony New Kumaran Nagar	River View Colony New Kumaran Nagar	9445190798
7	199	1No.of boat at Alamelumanga puram	Alamelumanga-puram	9445190799
8	199	1No.of boat at Classic Farm	Classic Farm	9445190799
9	200	1No.of boat at Nookampalaiyam Link Road	Nookampalaiyam Link Road	9445190800

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 - 4
Skid steer loaders (Bob cat) - 3
(Front end loader) JCB - 1

Depot A.E Contact No.	Availability of Lorries				
	JCB	Bobcat	Open lorry	Water tanker Lorry	Hydraulic Ladder
9445026115	1	3	4	1	0

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,

Sl.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

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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	8939771046
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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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	9994845747
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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9884325988

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
TNUHDB	Executive Engineer	9444167521
Highways	Divisional Engineer	9444266697
CMRL	Manager	9884325988



The Commissioner
Ripon Buildings
Greater Chennai Corporation
Chennai - 600 003.

Control Room
1913
044 - 2561 9206
044 - 2561 9207
+91 94450 61913

E-mail :
gcccontrolroom@gmail.com

Website :
www.chennaicorporation.gov.in