

PUBLIC WORKS DEPARTMENT WATER RESOURCES DEPARTMENT

CITIZENS' CHARTER 2017

© Government of Tamil Nadu

2017

PUBLIC WORKS DEPARTMENT WATER RESOURCES DEPARTMENT

CITIZENS' CHARTER

1.0. INTRODUCTION

The economic development of our country primarily depends on agriculture, which is the main occupation in the country. Water is the raw material for agriculture. Besides agriculture, water is consumed by Domestic, Industries and various other sectors. As the availability of water is very limited, equitable distribution of available water amongst all the sectors attains greater significance.

The Government has been implementing various Schemes and Works to harness, impound and put into effective use all the available water resources through an Integrated Water Resources Management approach. The Government is also striving hard to improve the water use efficiency consistently. Participatory Irrigation Management is also given a special thrust to ensure the participation of water users in the operation and maintenance of systems and distribution of water at the grass root level.

1.1. Functions of Water Resources Department

- All the major water resources viz., rivers, reservoirs, tanks etc, are under the management control of the Water Resources Department of the Public Works Department.
- This department is taking up creation of new water resources, viz., Reservoirs, Tanks, Ponds and construction, rehabilitation and maintenance of Dams, Anicuts, Check dams, Canals and Channels.
- Construction of Artificial Ground Water Recharge Structures and schemes for Inter-linking of Rivers within the State are also taken up.
- Formulation and implementation of the Major, Medium and Minor Irrigation Schemes and proper upkeep of all the Dams of the State.

- Operation and maintenance of irrigation systems to ensure effective management of the available surface and ground water potential are also continuously taken up.
- Regulation of water for irrigation and drinking water needs and flood control.
- Implementation of erosion control measures viz., construction of Groynes, Rubble Mound Sea walls etc.
- Construction of sea water intrusion preventive structures in the coastal areas.

1.2. Status of Irrigation in Tamil Nadu

- 34 Rivers flowing in the State have been grouped into 17 major river basins comprising of 127 sub-basins. The total surface water potential of the State has been assessed as 885 T.M.Cft including 264 T.M.Cft. received from the neighbouring States as per the Inter-State agreements.
- The total storage capacity of 89 Dams under the maintenance and control of Water Resources Department is 238.58 T.M.Cft. 14,098 Tanks are maintained by the Water Resources Department.
- It has been estimated that about 77% of the available ground water resources of the State is under utilisation. 1129 Firkas in the State have been categorized based on ground water exploitation as under:

374 Firkas	Over-exploited
48 Firkas	Critical
235 Firkas	Semi-critical
35 Firkas	Saline
437 Firkas	Safe

• This Department is taking up various artificial recharge schemes to improve the ground water potential and the quality of ground water.

2.0. ORGANISATIONAL ARRANGEMENT

- The Engineer-in-Chief, Water Resources Department and the Engineer-in-Chief (Buildings) are functioning as the two Technical heads of the Public Works Department.
- The Chief Engineer (General) performs the establishment and administrative works of the Department. At present, the Engineer-in-Chief (Buildings) and Chief Engineer (Buildings), Chennai Region is holding the post of the Chief Engineer (General).
- The Water Resources Department is functioning on River Basin frame work comprising four Regions viz., Chennai, Tiruchirappalli, Madurai and Coimbatore. Each Region is headed by a Chief Engineer who acts as the Basin Manager of the River Basins in their jurisdiction.
- In addition, 6 Chief Engineers are taking up specialised functions.

2.1. Functions of the Chief Engineers

2.1.1 Regional Chief Engineers

- Overall in-charge of all irrigation systems in the Region;
- Develop goals and objectives for the River Basins, establish priority of the works and adequate quality control measures;
- Maintenance of irrigation structures and their appurtenances on priority basis;
- Implement adequate quality control measures in all works;
- Ensure sound environment, land acquisition and economic rehabilitation Co-ordinate with farmers and farmers' organizations in implementation of new schemes.
- Regulation of water for irrigation and drinking water needs and flood control.
- Coastal protection measures.

2.1.2. Chief Engineer, Plan Formulation

- Formulation of new schemes by conducting necessary survey and investigation.
- Evolving designs for all the components of the schemes, based on the field data.
- Preparation of Detailed Project Reports for the schemes.

2.1.3. Chief Engineer, Design, Research and Construction Support

- The Institute of Hydraulics and Hydrology (IHH) located at Poondi in Tiruvallur District, comes under this wing.
- In this Institute, Model Studies of hydraulics, hydrology and coastal structures are carried out.
- Further, this Institute monitors shore line changes of the State's coast and evaluation of coastal protection works.
- Watershed Management Board Division at Pollachi is engaged in undertaking sedimentation and watershed management studies in selected Reservoirs of Tamil Nadu for arriving at up-to-date reduction in storage capacity due to sedimentation.

2.1.4. Chief Engineer, Operation & Maintenance

- The Dam Safety Directorate prepares the health status reports of all the Dams of the State (both WRD and TANGEDCO Dams) and furnishes the annual consolidated report to the Central Water Commission.
- The Public Works Workshop and Stores manufacture spillway, sluice and regulator shutters, hoisting arrangements and undertakes emergent repair works.
- Collection of flow data particulars of the Dams of the State and furnishing the Daily Water Report.
- A Hydro Metric Data (HMD) Cell is functioning round the clock throughout the year. This Cell functions with necessary additional staff by redeployment to collect the flood related data during the North East Monsoon period, every year.

2.1.5. Chief Engineer, State Ground & Surface Water Resources Data Centre

- Assessment of the ground water potential and quality periodically all over the State.
- Maintenance of Full Climatic Stations, Aquifer Mapping and its Management and Strengthening of Ground Water Monitoring Network in the State.

2.1.6. Chief Engineer & Director, Institute for Water Studies

- Planning, assessing and managing the water resources at micro level of the River Basins in Tamil Nadu.
- Reappraisal of micro level studies of river basins.
- Well developed Remote Sensing Centre prepares basin maps for all major river basins and sub basins in the State.

2.1.7. Chief Engineer & Director, Irrigation Management Training Institute (IMTI)

- Conducting various training programmes to the officers and field officials on Irrigation Management, Ground Water Development & Management and Computer related subjects.
- Unique courses like Disaster Management, Coastal Hydrology and Prevention of sea water intrusion, Dam Safety, Dam Instrumentation, etc., are also organized by this Institute.
- Various training programmes and study tours are also arranged by the Institute for the benefit of officials and farmers.
- Orientation programme for the benefit of office bearers of farmers organization.

2.1.8. Director, State Water Resources Management Agency (SWaRMA)

• Advises and suggests the Government for planning water allocation, Basin water development and efficient water management.

2.2. Director, Directorate of Boilers

- Enforcing authority of the Boilers Act, 1923, for the safe operation of the Boilers and to ensure the safety of public life and property.
- Plays an active role in the development of Boilers and Boiler Ancillary Industries in the State.

2.3. List of officers for contact

The list of officers for contact in the Chief Engineers' offices is appended in **Annexure I**. Further details on all irrigation related subjects may be obtained from the offices of the Chief Engineers of the Department.

3.0. SERVICES OF THE WATER RESOURCES DEPARTMENT

3.1. Construction, Rehabilitation and Maintenance of Dams, Reservoirs, Anicuts, Checkdams, Canals, Tanks, Ponds etc.

- Creation of new irrigation infrastructure involves feasibility studies, soil exploration, detailed investigation, preparation of detailed project report, approval of funding from State/Central Government etc. prior to the scheme being taken up for execution.
- Land acquisition process also consumes adequate time in implementation of the schemes.
- The period of contract executed with an agency varies from 6 months to 24 months depending upon the project cost, working season, etc.

- Major projects funded by external financial institutions are normally executed in a phased manner over a period of six to eight years.
- Rehabilitation of all irrigation infrastructures could be expeditiously taken up only during the non irrigation season.
- Eviction of encroachments if any in the tanks, canals, surplus courses and trees planted by other departments, environmental clearances, Coastal Regulation Zone (CRZ) clearances etc. are also the key factors deciding the time frame.
- Maintenance works are periodically taken up as per norms, on a time bound basis to ensure that the irrigation needs are fulfilled right up to the tail end of the system.

3.2. Revival of Kudimaramath Works-Restoration of water bodies with participatory approach

- The Kudimaramath practice has been revived to improve the Water Resources Management and to restore the water bodies through user communities. Out of the estimated cost, 10% should come as contribution from the Users' Association or Ayacutdars, in the form of labour or material or cash.
- The Chief Engineer, Water Resources Department, Design, Research and Construction Support is the Nodal Officer for the Kudimaramath works. In this Scheme, maintenance works in supply channels, canals, tanks, shutters, strengthening and reconstruction of surplus weirs, sluices etc., are taken up.
- Minor works are executed on nomination basis through Farmers' Organisations or Farmers' Councils or Ayacutdars or group of Ayacutdars. Major works will be executed by the Water Resources Department by following the usual Rules and Regulations in force.

3.3. Technical Consultancy Services offered by the Soil Mechanics and Research Division, Chennai

• The Soil Mechanics and Research Laboratories functioning at Tharamani, Chennai offer Technical Consultancy Services on chargeable basis in analysing the soil characteristics, testing of concrete and analysing the chemical properties of construction materials.

 The details of the tests carried out, the charges and duration are appended in Annexure –II.

3.4. Technical Consultancy Services offered by State Ground and Surface Water Resources Data Centre

- The State Ground and Surface Water Resources Data Centre at Tharamani, Chennai and its division provide the following Consultancy Services to Farmers and Public on cost basis:
- Conducting Geophysical Survey for selection of suitable sites for drilling Bore Well / Dug Well.
- Surface and Ground Water Quality related Testing.
- Sharing of Data.
- The details of the charges collected and the duration taken for the tests are furnished in **Annexure – III**.

3.5. Participatory Irrigation Management (PIM) Programme

- The Tamil Nadu Farmers' Management of Irrigation Systems Act, 2000 (Tamil Nadu Act 7/2001) was enacted and brought into force with effect from 01.10.2002.
- As per the Act, the following Farmers' Organisations are constituted:
- a. "Water Users' Association"(WUA) at the Primary level consisting of all the water users.
- b. "Distributory Committee" at Secondary level
- c. "Project Committee" at the Project level
- The elected office bearers shall be in office for a period of five years and six months.
- Competent authorities to the farmers' organizations have been appointed and an Apex Committee has been constituted by the Government as per the Act.
- Sharing of revenue from fishery rights with the farmers' organisation has been ordered by the Government.

• The Government have revived the concept of kudimaramathu and with a view to involve the farmers in the maintenance works, have ordered to award the works costing up to Rs. 10 lakh to willing farmers organisations.

3.6. Weekly Water Shandy (Irrigation Assessment and Action Programme)

- The Irrigation Assessment and Action Programme is essentially based on the premise that, for the irrigation management to be effective, good rapport must be built up between the irrigation managers and the farmers with mutual trust and willingness to share the information available and take joint decisions.
- Hence, Weekly Water Shandy is being conducted by Territorial Assistant Engineer/ Junior Engineer to achieve this objective.

3.7. Eviction of Encroachments in Water Bodies

3.7.1. The Tamil Nadu Protection of Tanks and Eviction of Encroachment Act, 2007

 In order to provide measures for checking the encroachments, eviction of encroachments in the tanks which are under the control and Management of the Water Resources Department of the Public Works Department and for protection of such tanks, the Government enacted an Act viz., "The Tamil Nadu Protection of Tanks and Eviction of Encroachment Act, 2007 (TN Act No. 8 of 2007)."

Officials involved in implementation of the Act:

Survey Officer	Firka Surveyor or Town Surveyor or any officer not below the rank of Survey Officer in the Survey and Land Records Department		
	Assistant Engineer or Junior Engineer or Overseer of the Water Resources Department of Public Works Department, incharge of the tanks lying in his jurisdiction		

Punishment	to	Imprisonment for a term which may
encroachers	on	extend to 3 months or with fine of
conviction		Rupees five thousand or with both.

3.7.2. The Tamil Nadu Land Encroachment Act, 1905

- The Tamil Nadu Land Encroachment Act, 1905 was enacted to provide measures for checking unauthorized occupation of land which are property of the Government.
- The Government, vide G.O.(Ms.) No.2898, Revenue Department, Dated 03.12.1969 ordered that the Assistant Engineers (presently Assistant Executive Engineers) of the Public Works Department alone are authorized to take eviction proceedings in respect of encroachments on Public Works Department poramboke lands and on Public Works Department Channels and Tanks etc.
- exercise / Mechanism for To evolve an eviction of encroachment under the said Act, appropriate orders have been issued fixing the responsibilities from the level of Assistant Engineer to the Executive Engineer, in respect of the water bodies of the Water Resources Department (G.O. Revenue [LD6(2)] Ms. No. 540. Department, Dated 04.12.2014 and G.O. Ms. No. 148, Revenue [LD6(2)] Department, Dated 24.03.2016).

3.8. Grievances Redressal

- Petitions are received with necessary acknowledgement. The action taken on the grievances are promptly informed to the Public.
- Petitions received from Chief Minister's special cell are sent to the field officials concerned and action taken thereon after field verification and enquiry.

4.0. The Tamil Nadu Transparency in Tenders Act, 1998

• The Tamil Nadu Transparency in Tenders Act, 1998 came into force with effect from 11.12.1998. This Act provides transparency in the Public procurement and regulates the procedure in inviting and accepting tenders and matters concerned therewith or incidental thereto.

4.1. E-Tendering

• Electronic supply of tender documents at free of cost in respect of open tenders for works exceeding Rs.10.00 lakh, has been introduced.

4.2. Registration of Contractors

• Registration of Contractors in appropriate Class for executing works in Water Resources Department are done by the Superintending Engineer/Executive Engineer.

4.3. Publication of Tenders

- Works upto a value of Rs.2.00 crore : 15 days
- Works above the value of Rs.2.00 crore : 30 days
- In exceptional cases, considering the importance and urgency involved in execution of works, short term tender can be called for with prior approval of the next higher authority, by the Competent Authority .

4.4. Time limit for processing of Tenders

• Within one month from the last date stipulated for receipt of Tenders

5.0. WATER SUPPLY FROM GOVERNMENT WATER SOURCES

5.1. Irrigation purpose

- No specific water rate is collected from the water users for irrigation.
- Land cess at the rate of Rs.12 per hectare for wet lands and Rs.5 per hectare for dry lands is only levied by Revenue Department (G.O.Ms. No. 544, Revenue [RA1(1)] Department, Dated 20.10.2010)..
- Penalty of Rs.500/- per Hectare for irregular irrigation is imposed by Revenue Department (G.O.Ms. No. 545, Revenue [RA1(1)] Department, Dated 20.10.2010).

5.2. Drinking Purpose / Industrial purpose

- The Government accords permission for drawl of water up to 1 Million Gallons per Day (MGD) in consultation with Revenue Department, subject to clearance from Tamil Nadu Pollution Control Board.
- For drawl of water of 1 Million Gallons per Day (MGD) and more, after approval of Water Utilisation Committee upon recommendation of the Technical Sub Committee, the Government permission is accorded.

6.0. QUARRYING OF SAND

 Water Resources Department is engaged in sand quarrying from 03.10.2003. At present, sand is sold at the rate of Rs.800/- per lorry load (2 units). Mining and Monitoring Circle under the control of the Engineer-in – Chief WRD has been formed on 02.06.2017 to look after the Sand Quarry operations. Under this Circle, 2 Mining and Monitoring Divisions have been formed with head quarters at Trichy and Villupuram.

7.0. SUPPLYING THE SILTED UP CLAY, SILT, SAVUDU & GRAVEL IN TANKS, RESERVOIRS AND OTHER WATER BODIES TO THE PUBLIC, FARMERS AND POTTERS.

- The persons in the same Village or in the adjoining Villages of the tanks, channels and reservoirs (except Chennai, Kancheepuram and Tiruvallur Districts) in the State have been permitted to take the clay, silt, savudu and gravel from the beds of tanks, channels and reservoirs at free of cost after due Notification by the District Collector in the District Gazette and with the permission of the Tahsildar.
- The quantity of silt and clay proposed to be removed for agricultural purpose shall not exceed 75 cubic metre per acre (185 cubic metre per hectare) for wet lands and 90 cubic metre per acre (222 cubic metre per hectare) for dry lands, once in two years. The quantity of earth, savudu and gravel for other domestic purposes shall not exceed 30 cubic metre. The quantity of clay proposed to be removed for making pots shall not exceed 60 cubic metre.

8.0. **RIGHT TO INFORMATION ACT, 2005**

 To provide information as per the RTI Act, 2005 Public Information Officers and Appellate Authorities are available in all the Chief Engineers and Superintending Engineers office. The details of their Address, Phone Number and E-mail address are furnished in Annexure – IV.

Edappadi K. Palaniswami Chief Minister

ANNEXURE I LIST OF OFFICERS FOR CONTACT IN CHIEF ENGINEER'S OFFICES

SI. No.	Name Of Office	Officer For Contact
1.	Engineer-in-Chief, Water Resources Department, Chepauk, Chennai – 600 005. Phone No:044 – 2852 5351 Fax No:044 - 28594148 Email ID:eicwrdtn@gmail.com	 Joint Chief Engineer [Irrigation] 044 – 2859 4144 Superintending Engineer [Procurement], IAMWARM Project Superintending Engineer [Mining and Monitoring]
2.	Chief Engineer, Water Resources Department, Chennai Region, Chepauk, Chennai – 600 005. Phone No:044 – 2852 3007 Fax No:04428523007 Email ID:cecrwropwd@gmail.com	Deputy Chief Engineer Chennai Region 044 – 2852 3007
3.	Chief Engineer, Water Resources Department, Trichy Region, Pudukottai Road, P.B.No.803, Subramaniapuram, Tiruchirappalli – 620 020. Phone No:0431 – 2332287 Fax No:0431 - 2331148 Email ID:cetrydb@gmail.com	Deputy Chief Engineer Trichy Region 0431 – 2332287
4.	Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore – 641 001. Phone No:0422 – 2381804 Fax No:0422 - 2381801 Email ID:chiefwropwd@gmail.com	Deputy Chief Engineer Coimbatore Region 0422 – 2381803

SI. No.	Name Of Office	Officer For Contact
5.	Chief Engineer,	Deputy Chief Engineer
	Water Resources Department,	Madurai Region
	Madurai Region,	0452 – 2530326
	Thallakulam,	
	Madurai – 625 002.	
	Phone No:0452 - 2530326	
	Fax No:0452 - 2530826	
	Email ID:cewrodbmdu@gmail.com	
6.	Chief Engineer,	Joint Chief Engineer
	Water Resources Department,	(Plan Formulation)
	Plan Formulation,	044 – 2852 5662
	Chepauk, Chennai – 600 005.	
	Phone No:044 - 2852 5662	
	Fax No:044 - 28525662	
	Email ID:cepf2007@yahoo.com	
7.	Chief Engineer,	Joint Chief Engineer
	Water Resources Department,	(Design, Research And
	Design, Research And Construction Support,	Construction Support) 044 – 2841 3381
	Chepauk, Chennai - 600 005.	
	Phone No:044 – 2841 3381	
	Email ID:cedrcs@gmail.com	
8.	Chief Engineer,	Joint Chief Engineer
	Water Resources Department,	(Operation & Maintenance)
	Operation & Maintenance,	044 - 2841 5552
	Chepauk, Chennai – 600 005.	
	Phone No:044 – 2851 7261	
	Fax No:044 – 28517261	
	Email ID:ceomwro@gmail.com	

SI. No.	Name Of Office	Officer For Contact
9.	Chief Engineer, Water Resources Department, State Ground & Surface Water Resources Data Centre, Tharamani, Chennai – 600 113. Phone No:044 - 22541526 Fax No:044 – 22541368 Email ID:cegwchennai@gmail.com	Joint Chief Engineer (State Ground & Surface Water Resources Data Centre) 044 – 2254 1369
10.	Chief Engineer & Director, Water Resources Department, Institute for Water Studies, Taramani, Chennai – 600 113. Phone No:044 – 2254 2380 Fax No:044 – 22542360 Email ID:ceiwswrd@gmail.com	Joint Director (Institute for Water Studies) 044 – 2254 2674
11.	Chief Engineer & Director, Water Resources Department, Irrigation Management Training Institute, Thuvakudi, Tiruchirappalli – 620 015. Phone No:0431 – 2500500 Fax No:0431 - 2501110 Email ID:tnimtitrichy@gmail.com	Joint Director (Irrigation Management Training Institute) 0431 – 2500603
12.	Director, State Water Resources Management Agency (Swarma) Taramani, Chennai-600 113. Phone No:044 – 2254 0135 Email ID:swarmatn@gmail.com	Executive Engineer, State Water Resources Management Agency (Swarma) 044 – 2254 0135
13.	Director Of Boilers, Directorate Of Boilers Chepauk, Chennai – 600 005. Phone No:044 – 2852 2233 Email ID:tnboilerdir@tn.gov.in	Deputy Director Of Boilers, Chepauk, Chennai – 600 005. 044 – 2852 2233

ANNEXURE II

Details of Tests carried out by

Soil Mechanics and Research Division, Chennai

SI. No.	Description of test	Testing Charges in Rs.	Unit	Duration		
Testin	g of soil characteristics					
I	I Field Tests					
1	Conducting Boring Operation (Hand Auger) including Penetration Test (SPT) up to 10m in depth from ground level	10,000	per bore	15 days		
2	Conducting Static/Dynamic Cone Penetro meter test (SCPT/DCPT) up to 10m depth from ground level	10,000	per point	15 days		
3	Conducting field permeability test	2,000	per point	7 days		
II	Laboratory Tests					
4	Conducting Routine Lab Test (GSA, Atterberg limits)	2,000	per sample	10 days		
5	Conducting Lab Shear Test (Direct Shear)	500	per sample	7 days		
6	Conducting Unconfined Compressive Strength(UCC) Test	500	per sample	7 days		
7	Conducting Lab Permeability Test	500	per sample	7 days		
8	Conducting Lab Consolidation Test	5,000	per sample	15 days		
9	Conducting Proctor Compaction Test	1,000	per sample	7 days		
10	Conducting Differential Free Swell Test	500	per sample	3 days		
11	Conducting Swell Pressure Test	5,000	per sample	15 days		

SI. No.	Description of test	Testing Charges in Rs.	Unit	Duration
	Chemical Analysis			
1	Chemical analysis on Cement	5,000	per sample	7 days
2	Chemical analysis on Lime	5,000	per sample	7 days
3	Chemical analysis on Water	5,000	per sample	3 days
4	Chemical analysis on Surki/ Fly ash	5,000	per sample	7 days
5	Chemical analysis on Sand	5,000	per sample	7 days
6	Chemical analysis on Soil	6,000	per sample	7 days
7	Chemical analysis on Mortar	3,000	per sample	7 days
8	Chemical analysis on Rock Sample	10,000	per sample	7 days
9	Chemical analysis on Water for construction purpose	2,000	per sample	3 days
10	Chemical analysis on water for Drinking, Domestic and Industrial purpose	3,000	per sample	3 days
11	Chemical analysis on corrosive nature of soil and sand	2,500	per sample	7 days
	Test on Concrete			
Ι	Field Tests			
1	Rebound Hammer Test	50	per point	7 days
2	Ultrasonic Pulse Velocity Test	75	per point	7 days
3	Rebar Scanner Test	75	per point	7 days
4	Core cutting and Compression Test	900	per sample	15 days
II	Laboratory Tests			
1	Concrete Compressive Strength Test	150	per set of three cubes	2 days

SI. No.	Description of test	Testing Charges in Rs.	Unit	Duration
2	Tests on steel viz., Tensile Strength, Specific weight, Percentage of Elongation, 0.2% of proof stress	600	per sample	2 days
3	Tests on Coarse aggregate			
a)	Sieve Analysis	1,200	per sample	3 days
b)	Specific Gravity	500	per sample	3 days
c)	Abrasion Test	1,000	per sample	3 days
d)	Crushing Test	1,000	per sample	3 days
e)	Impact Test	1,000	per sample	3 days
f)	Organic Impurities	500	per sample	3 days
4	Tests on Fine Aggregate			
a)	Sieve Analysis	1,200	per sample	3 days
b)	Specific Gravity	500	per sample	3 days
c)	Silt and Clay Content	500	per sample	3 days
d)	Organic Impurities	500	per sample	3 days
5	Tests on Cement viz., Consistency, Initial setting time and final setting time, Compressive strength, Soundness	3,000	per sample	30 days
6	Tests on Bricks viz., Efflorescence, Water absorption, Compressive strength	2,000	per sample	10 days
7	Tests on Burnt Clay Bricks viz., Water absorption, Flexural strength	2,500	per sample	10 days
8	Concrete mix design	20,000	per sample	40 days
9	Test on Mosaic and Pressed Tiles Flexural strength	2,500	per sample	7 days
10	Physical properties of Lime	3,000	per sample	30 days
11	Lime reactivity test on Fly Ash	2,000	per sample	30 days

ANNEXURE – III Details of Tests carried out by State Ground and Surface Water Resources Data Centre

SI. No	Description of test	Testing charges in Rs	Unit	Approximate time required for results
	Field Tes	sts		
1	Geophysical survey for drilling Bore well for Farmers	500/-	Per site	1 Week
2	Geophysical survey for drilling Open well for Farmers	500/-	Per site	1 Week
3	Geophysical survey for drilling Bore well for Public	1000/-	Per site	1 Week
4	Geophysical survey for drilling Open well for Public	1000/-	Per site	1 Week
	Laboratory	Tests		
5	Conducting routine lab test for parameters for Farmers, Public and Students. Cations, Anions, Total Dissolved Solids (TDS), Total Hardness (TH), Hydrogen Ion concentration (pH value))	250/-	Per Water Sample	1 Week
	Sharing	of Data		
6	Students, Research scholars (Academic purposes only)	100/-	Per year one District	5 days
7	Non-Government Organizations	200/-	Per year one District	5 days
8	Project Consultant	300/-	Per year one District	1 Week
9	General Public / Private Organisation	500/-	Per year one District	1 Week
10	Line Departments (Government)	Free of cost		
	Ground Water (Clearance		
11	Ground Water Clearance (NOC) to Water based and non Water based industry in Safe and Semi Critical Firkas.	6000/-	Per Bore Well / Dug Well	40 days

Annexure IV Public Information Officer and Appellate Authorities official Address, Phone Number and E-Mail address

SI. No.	Office Address	Designation of the PIO/Phone No./E.Mail ID	Designation of the Appellate Authority/Phone No./E.Mail ID
	Engineer-in-Chief, WRD		
1	Office of the Engineer-in-Chief, Water Resources Department, Chepauk, Chennai - 5.	Executive Engineer, Water Resources Department (Technical), Phone No: 044 - 28525351 Extn. 209 Email ID: rtieicwrd2017@gmail.com	Joint Chief Engineer (Irrigation), Water Resources Department, Phone No: 044 - 28594144 Email ID: eicwrdtn@gmail.com
	Chennai Region		
2	Office of the Chief Engineer, Chennai Region, Chennai-5.	Deputy Chief Engineer, Water Resources Department, Phone No: 044-28410402 Email ID:cecrwropwd@gmail.com	Chief Engineer, Water Resources Department, Phone No: 044 - 28414150, 28523007 Email ID:cecrwropwd@gmail.com
3	Pennaiyar Basin Circle, Water Resources Department, Thiruvannamalai	Deputy Superintending Engineer, Water Resources Department, Phone No: 04175 - 236921 Email ID: sepbc52@yahoo.co.in sepbctvmalai2007@rediffmail.com	Superintending Engineer, Water Resources Department, Phone No: 04175 - 236921 Email ID: sepbc52@yahoo.co.in sepbctvmalai2007@rediffmail.com
4	Project Circle, Water Resources Department Vellore-632 006.	Special Grade Draughting Officer, Water Resources Department, Phone No: 0416 - 2248780 Email ID: seprojectcirclevellore@yahoo.com	Superintending Engineer, Water Resources Department, Phone No: 0416 - 2248780 Email ID: seprojectcirclevellore@yahoo.com

5	Vellar Basin Circle, Water Resources Department, Cuddalore-1	Deputy Superintending Engineer, Water Resources Department, Phone No: 04142 - 230323 Email ID: sepwdcud@yahoo.co.in	Superintending Engineer, Water Resources Department, Phone No: 04142 - 230323 Email ID: sepwdcud@yahoo.co.in
6	Palar Basin Circle, Water Resources Department, Chepauk, Chennai-5.	Deputy Superintending Engineer, Water Resources Department, Phone No: 044 - 28591231 Email ID: sepbcwrd@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 044 - 28591231 Email ID: sepbcwrd@gmail.com
	Trichy Region		
7	Office of the Chief Engineer, Water Resources Department, Trichy Region, Trichy-620020.	Head Draughting Officer, Water Resources Department, Phone No: 0431-2331411 Email ID:cetrydb@gmail.com cetrydb@hotmail.com	Deputy Chief Engineer, Water Resources Department, Phone No: 0431-2331411 Email ID:cetrydb@gmail.com cetrydb@hotmail.com
8	Upper Cauvery Basin Circle, Water Resources Department, Salem	Deputy Superintending Engineer, Water Resources Department, Phone No: 0427-2413474 Email ID:uppercauvery@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 0427-2413474 Email ID:uppercauvery@gmail.com
9	Middle Cauvery Basin Circle, Water Resources Department, Trichy-20.	Deputy Superintending Engineer, Water Resources Department, Phone No: 0431-2331860, Email ID:semcbctry@yahoo.co.in	Superintending Engineer, Water Resources Department, Phone No: 0431-2331860, Email ID:semcbctry@yahoo.co.in

10	Lower Cauvery Basin Circle, Water Resources Department, Thanjavur.	Deputy Superintending Engineer, Water Resources Department, Phone No: 04362-230133 Email ID:selcbtnj@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 04362-230133 Email ID:selcbtnj@gmail.com
	Madurai Region		
11	Office of the Chief Engineer, Water Resources Department, Madurai Region, Madurai - 625 002	Head Draughting Officer, Water Resources Department, Phone No: 0452 - 2530326 Fax 0452 - 2530826 Email ID:cepimmdu@gmail.com	Deputy Chief Engineer, Water Resources Department, Phone No: 0452 - 2530326 Fax 0452 - 2530826 Email ID: cepimmdu@gmail.com
12	Periyar Vaigai Basin Circle, Water Resources Department, 46, North Chithirai Street, Madurai-625001	Deputy Superintending Engineer, Water Resources Department, Phone No: 0452-2623828 Email ID:sepvbcmdu@yahoo.co.in	Superintending Engineer, Water Resources Department, Phone No: 0452-2623828 Email ID:sepvbcmdu@yahoo.co.in
13	Lower Vaigai Basin Circle, Water Resources Department,	Deputy Superintending Engineer, Water Resources Department, Phone No: 04575-240304 Email ID:selvbsva@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 04575-240304 Email ID:selvbsva@gmail.com
14	Vaippar Basin Circle, Water Resources Department, Virudhunagar	Deputy Superintending Engineer, Water Resources Department, Phone No: 04562-247132 Email ID:sevbcvnr@gmail.com	Special Chief Engineer, Water Resources Department, Phone No: 04562-247132 Email ID:sevbcvnr@gmail.com

15	Thambaraparani Basin Circle, Water Resources Department, Tirunelveli-2 Projects Circle,	Public Information Officer and Deputy Superintending Engineer, Water Resources Department, Phone No: 0462- 2574232,2574832Email ID:setbctvl@gmail.com Deputy Superintending Engineer,	Superintending Engineer, Water Resources Department, Thambaraparani Basin Circle, Tirunelveli-2Phone No: 0462- 2574232,2574832Email ID:setbctvl@gmail.com Superintending Engineer,
	Water Resources Department, Tirunelveli- 627 002.	Water Resources Department, Phone No: 0462 - 2573303 Email ID:sepctin@yahoo.co.in	Water Resources Department, Phone No: 0462 - 2573303 Email ID:sepctin@yahoo.co.in
	Coimbatore Region		
17	Office of the Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore-641001	Deputy Chief Engineer, Water Resources Department, Phone No: 0422-2381802, 2381803 Email ID: chiefwropwd@gmail.com	Chief Engineer, Water Resources Department, Phone No: 0422-2381802, 2381803 Email ID: chiefwropwd@gmail.com
18	Parambikulam Aliyar Basin Circle, Water Resources Department, Pollachi-642003	Deputy Superintending Engineer, Water Resources Department, Phone No: 04259-237101 Email ID: sewropoy@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 04259-237916 Email ID: sewropoy@gmail.com
19	Special Project Circle, Water Resources Department, Palani-624601	Deputy Superintending Engineer, Water Resources Department, Phone No: 04545-250148 Email ID: sewropalani@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 04545-250148 Email ID: sewropalani@gmail.com
20	Bhavani Basin Circle, Water Resources Department, Erode-638002	Deputy Superintending Engineer, Water Resources Department, Phone No: 0424-2255244Email ID: sewrocbe@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 0424-2255244Email ID: sewrocbe@gmail.comsewroerd@gm ail.com

	Plan Formulation		
21	Office of the Chief Engineer, Water Resources Department, Plan Formulation, Chennai-5	Deputy Chief Engineer, Water Resources Department, Phone No: 044 - 2852 5662 Email ID: ceplanformulation@gmail.com cepf2007@yahoo.co.in	Chief Engineer, Water Resources Department, Phone No: 044 - 2852 5662 Email ID: ceplanformulation@gmail.com cepf2007@yahoo.co.in
22	Plan Formulation Circle, Water Resources Department, Kumarasamypatty, Salem-636007.	Administrative Officer, Water Resources Department, Phone No: 0427-2417452 Email ID: sepfsalem@rediffmail.com	Superintending Engineer, Water Resources Department, Salem-636007. Phone No: 0427-2417452 Email ID: sepfsalem@rediffmail.com
23	Designs Circle, Water Resources Department, Chennai-5	Deputy Superintending Engineer, Water Resources Department, Phone No: 044 - 2841 4074 Email ID: sedesignstnpwdwro@gamil.com	Special Chief Engineer, Water Resources Department, Phone No: 044 - 2841 4074 Email ID: sedesignstnpwdwro@gamil.com
24	Plan Formulation Circle, Water Resources Department, Trichy	Deputy Superintending Engineer, Water Resources Department, Phone No: 0431 - 2333415Email ID: sepftry2002@yahoo.com	Superintending Engineer, Water Resources Department, Phone No: 0431 - 2333415Email ID: sepftry2002@yahoo.com

25	Environmental Cell Circle, Water Resources Department, Trichy - 620 020	Deputy Superintending Engineer, Water Resources Department, Phone No: 0431 - 2316219 seenvctry@gmail.com Email ID: ceplanformulation@gmail.com cepf2007@yahoo.co.in	Chief Engineer, Water Resources Department, Phone No: 044 - 2852 5662 Email ID: ceplanformulation@gmail.com cepf2007@yahoo.co.in
	Design, Research and		
26	Construction Support Office of the Chief Engineer, Water Resources Department, Design Research and Construction Support, Chepauk, Chennai-5.	Public Information Officer & Head Draughting Officer, Water Resources Department, Phone No: 044-28410403 Email ID: cedrcs@rediffmail.com	Joint Chief Engineer, Water Resources Department, Phone No: 044-28410403 Email ID: cedrcs@rediffmail.com
27	Tank Modernisation Circle, Water Resources Department, Vellore – 6.	Public Information Officer and Administrative Officer, Water Resources Department, Phone No: 0416-2248305 Email ID: setmcvellore@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 0416-2248305 Email ID: setmcvellore@gmail.com
28	Institute of Hydraulics and Hydrology, Water Resources Department, Poondi – 23.	Public Information Office and Assistant Director, Water Resources Department, Phone No: 044-27639924 Email ID: Ihh_poondi @ yahoo.co.in	Superintending Engineer / Director, Water Resources Department, Phone No: 044-27639924 Email ID: Ihh_poondi @ yahoo.co.in

	Operation & Maintenance		
29	Office of the Chief Engineer, Water Resources Department, Operation & Maintenance, Chepauk, Chennai-5	Joint Chief Engineer, Water Resources Department, Phone No: 044 - 28415552 E-mail ID : ceomwro@gmail.com	Chief Engineer, Water Resources Department, Phone No: 044 – 28415557 E-mail ID : ceomwro@gmail.com
30	Dam Safety Directorate, Water Resources Department, Chepauk, Chennai-5.	Deputy Superintending Engineer, Water Resources Department, Phone No: 044 – 28548269 E-mail ID : tndamsafety@gmail.com	Superintending Engineer & Director, Water Resources Department, Phone No: 044 – 28548269 E-mail ID : tndamsafety@gmail.com
31	Workshop & Stores Circle, Water Resources Department, Chepauk, Chennai-5.	Assistant Executive Engineer, Water Resources Department, Phone No: 044 – 28548690 E-mail ID: seworkshoppwd@yahoo.com	Special Chief Engineer, Water Resources Department, Phone No: 044 – 28548690 E-mail ID : seworkshoppwd@yahoo.com
32	State Project Management Unit under Dam Rehabilitation & Improvement Project, Water Resources Department, No.6, Palar House, Kamarajar Salai, Chennai-5.	Executive Engineer (Procurement), Water Resources Department, Phone No: 044 - 28443034 E-mail Id : tnspmu@gmail.com	Superintending Engineer / Project Director, Water Resources Department, Phone No: 044 - 28443034 E-mail Id : tnspmu@gmail.com
	STATE GROUND & SURFACE WATER RESOURCES DATA CENTRE		
33	Office of the Chief Engineer, Water Resources Department, State Ground & Surface Water Resources Data Centre, Chennai - 113.	Technical Expert, Water Resources Department, Phone No: 044-22541526 / 27 Email ID: cegwchennai@gmail.com	Joint Chief Engineer, Water Resources Department, Phone No: 044-22541526 / 27 Email ID: cegwchennai@gmail.com

34	Ground Water Circle, Water Resources Department, Madurai-625 002.	Assistant Executive Engineer, Water Resources Department, Phone No: 0452 2531208 Email ID:gwcmdu@gmail.com	Superintending Engineer, Water Resources Department, Phone No: 0452 2531208 Email ID: gwcmdu@gmail.com
35	Ground Water Circle, Water Resources Department, Thanjavur - 613007	Deputy Director, Water Resources Department, Phone No: 04362 - 236096Email ID:gwcthanjai@gmail.com	Superintending Engineer, Phone No: 04362 - 236096Email ID:gwcthanjai@gmail.com
36	Ground Water Circle, Water Resources Department, Chennai	Deputy Director, Water Resources Department, Phone No: 044-22541106 (O) Email ID : gwcchn@gamil.com	Superintending Engineer, Water Resources Department, Phone No: 044-22541591 (p), 044-22541106 (O) Email ID : gwcchn@gamil.com
	INSTITUTE FOR WATER STUDIES		
37	Office of the Chief Engineer & Director, Water Resources Department, Institute for Water Studies, Tharamani, Chennai-113	Executive Engineer, Water Resources Department, Phone No: 044-22541246 Email ID: ceiwswrd@gmail.com	Chief Engineer & Director, Water Resources Department, Phone No: 044-22542380 Email ID: ceiwswrd@gmail.com
	IRRIGATION MANAGEMENT TRAINING INSTITUTE		
38	Office of the Chief Engineer & Director, Water Resources Department, Irrigation Management Training Institute, Thuvakudy, Tiruchirappalli-620015.	Executive Engineer / Associate Professor, Water Resources Department, Phone No: 0431-2500603 Email ID: tnimtitrichy@gmail.com	Superintending Engineer / Joint Director, Water Resources Department, Phone No: 0431-2500603 Email ID: tnimtitrichy@gmail.com