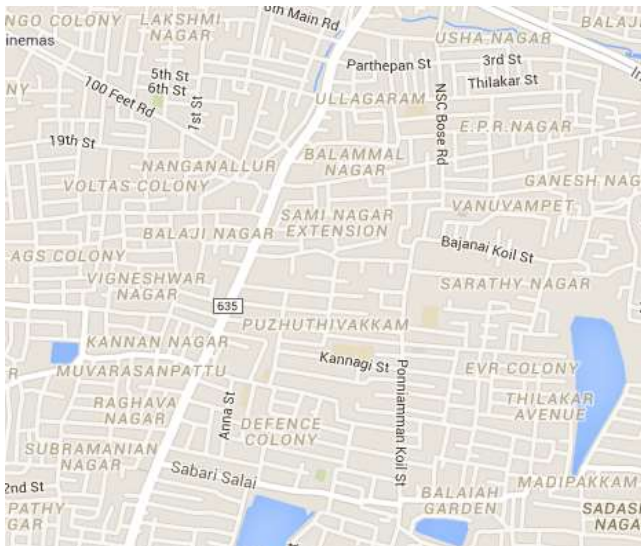


ULLAGARAM-PUZHUTHIVAKKAM WATER SUPPLY SCHEME

- Ullagaram-Puzhuthivakkam is one among the 42 local bodies added in the expanded area of Chennai city which falls in New Corporation Divisions 168 & 169 in Area XIV (Perungudi) to an extent of 3.92 Sq.km with 497 streets/roads for a total length of about 77.50 km. The level of developments in Ullagaram Puzhuthivakkam area necessitates the provision of a comprehensive water supply scheme.

The population of base year 2015 is 67094 and the projected population in 2030 and 2045 works out to 101000 and 162000 respectively. The water demand for the above period is 10.30 MLD, 15.00 MLD and 22.00 MLD respectively.



- The scheme cost for “Providing comprehensive Water supply scheme to Ullagaram – Puzhuthivakkam” was sanctioned by Central Sanctioning and Monitoring Committee of JnNURM on 08.01.2008 for Rs.2424 lakhs.
- At present 1.60 ML water supply is being made through public fountains with the existing old distribution pipe network and through mobile water supply. By implementing this proposal the entire Ullagaram - Puzhuthivakkam will be getting 10.30 MLD of water supply at 135 LPCD for the present population i.e. for the year 2015. The required quantity of water will be drawn by tapping from the existing Desal water main in Velachery Main Road.
- The Govt. of Tamilnadu has accorded administrative approval vide G.O.(D) No.619, MA&WS (MA II)Dept., dated 20.12.2007 for Rs.2424.00 lakhs. Technical sanction was accorded for Rs.2448.00 lakhs on 04.08.2009.
- The funding pattern for the scheme is Govt. of India 35% (Rs.848.40 lakhs), Govt. of Tamil Nadu 15% (Rs.363.60 lakhs) and the balance 50% (Rs.1212.00 lakhs) should be borne by the local ULB through mobilizations and loan assistance from TUFIDCO.

➤ **The components of work :**

- 1) Laying of HDPE pipes for distribution mains of sizes ranging from 110mm to 500mm dia for length of 80300m.
- 2) Laying of feeder mains of 160mm to 360mm dia HDPE pipes for a length of 5650m.
- 3) Laying of conveying mains of 450mm diameter of MS pipe for a length of 4050m.
- 4) Construction of Under Ground Tank : 1.5 LL (3 nos) at Mandaveli Bus stand, Arul Jothi Salai and M.G Nagar and 3.0 LL (1 no.) at Usha Nagar, 1.0 LL (1 No.) at Anna Street and 1.5 LL (1 no.) at Balaji Nagar
- 5) Construction of Over Head Tanks : 5.0 LL (1 no) at Annai Terasa Nagar, 3.0 LL (4 nos) at Usha Nagar, Mandaveli Bus stand, M.G. Nagar, Arul Jothi Salai and 2.0 LL (1 No.) at Anna Salai.
- 6) Providing House Service Connections for 7890 nos.

➤ **Contract details :**

The work has been awarded to M/s East Coast Construction & Industries Ltd. at a contract value of Rs.1750.00 lakhs on 21.06.2010 with contract period of 24 months. The work was commenced on 09.07.2010 and the scheduled date of completion was 08.07.2012.

The scheme has been partly commissioned on 27.02.2016 by Hon'ble Chief Minister of Tamil Nadu and in three zones works have been completed and put into public use. The original contract has been terminated on 28.10.2017. Estimates were prepared for the balance works in the remaining four zones and tender settled and work orders have also been issued. Now the works are under progress and it is proposed to complete the balance works by Aug 2018.

➤ **Progress of work :**

- 1) Physical progress so far achieved is 93.44%
99.85% in distribution main, 100% in feeder main, 95.06% in conveying main, 96.5% of civil works in Over Head Tank, 100% of civil works in Under Ground Tank and 97.87% in house service connections have been completed.
- 2) Financial progress so far achieved is 79.80%.
- 3) Anticipated date of completion is Aug'2018