

## WATER SUPPLY & SANITATION

The Union Territory of Puducherry is providing potable water supply to all the villages and the towns. Puducherry region plays vital role in the Ground water resources. Karaikal, Mahe and Yanam regions depends both on surface water and ground water. The water supply system is bifurcated into:

- (i) Urban Water Supply and (ii) Rural Water Supply.

In Puducherry region, the urban area is divided into 9 zones and due to fast urbanization and developmental activities the peripheral areas and unutilized area in urban limit has become pucca residential areas which has resulted in formation of sub zones. About 300 tube well are being served to the population of Puducherry . The total water requirement of 100 MLD is supplied through these tubewells. After continuous pumping of ground water, the TDS level in the tube wells is getting increased. In order to supply drinking water with low TDS level, community water supply system has been introduced in 19 locations. By this system Government is supplying water in **20 litres** through treatment plants @ **Rs.7/-** per can.

It is also proposed to provide infiltration wells / gallery along the Sankarparani river near Thirukanji. All the infrastructure development, source augmentation from surface water from Oussudu tank and river infiltration wells/gallery will be taken up in a phased manner based on the availability of fund.

In Karaikal region, all augmentation works to sources, distribution system etc, have been regularly carried out as the population of town is expanding. The entire domestic demand for drinking water in Karaikal region is met from the infiltration wells and ground water source through a series of infiltration wells and tube wells constructed under Urban and Rural Water Supply Scheme. To provide effective protected Water Supply with adequate pressure entire Urban and Sub Urban areas are divided into Three Zones namely Karaikal North zone, Central zone and South Zone and various Water Supply works have been under taken.

Various infrastructural facilities with respect to the supply of purified water to the general public are in progress. The work of Construction of 2.00 lakh litre capacity Under Ground Sump at Narikurumbai. Construction of 1.50 lakh litre capacity Over Head Tank at Melaponbethy. Inter linking pumping main from borewell at Vadakattalai village to Kottagam Over Head Tank and the work of comprehensive Water Supply Scheme for Central Zone of Karaikal . construction of 5 MLD Water Treatment Plant at river Arasalar are also taken up.

In Mahe region, works relating to improving and updating the existing water supply distribution system and also for providing water supply / public taps in internal roads /lanes / footpaths of Mahe town by extending the distribution lines will be taken up.

In Yanam region, a scheme for Augmentation of water supply has complete benefiting of 60,000 populations since the growth of population is increasing and also considering the neighboring Andhra Pradesh state village population has also depended upon our water supply system due to non-availability of ground water. A total water requirement for about 70,000 populations is being benefited.

## OUTLAY AT A GLANCE

Sector : WATER SUPPLY &amp; SANITATION

No. of Schemes : 5

Department : PUBLIC WORKS

(Plan : 4 + CSS : 1)

(₹ in lakh)

Annual Plan 2014-15 Actual Expenditure	:	13332.51
Annual Plan 2015-16 Approved Outlay	:	16134.28
Annual Plan 2015-16 Revised Outlay	:	14843.86
Annual Plan 2016-17 Proposed Outlay	:	65754.56

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2014-15	Annual Plan 2015-16		Annual Plan 2016-17	
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which capital content
(1)	(2)	(4)	(5)	(6)	(7)	(8)
1.	Rural Water Supply - Operation and Maintenance.	1011.85	1185.00	870.99	2356.00	--
2.	Urban Water Supply - Operation and Maintenance.	7588.44	7022.50	5280.55	7968.56	--
3.	Urban Sanitation.	45.00	33.75	9.87	70.00	--
4.	Purchase of machinery & equipments / acquisition of land	--	50.01	0.01	50.00	--
	Negotiated Loan	4687.22	5443.00	4822.00	8810.00	--
	Development of Infrastructural facilities (EAP-JICA)	--	2000.00	3775.00	46500.00	--
	<b>Total (Plan)</b>	<b>13332.51</b>	<b>15734.26</b>	<b>14758.42</b>	<b>65754.56</b>	<b>--</b>
	<b>Centrally Sponsored Scheme(CSS)</b>					
5.	National Rural Drinking Water programme(CSS)	--	400.02	85.44	--	--
	<b>Total (Plan + CSS)</b>	<b>13332.51</b>	<b>16134.28</b>	<b>14843.86</b>	<b>65754.56</b>	<b>--</b>

**Scheme No. 1**

Sector : WATER SUPPLY &amp; SANITATION

Implementing

Department : PUBLIC WORKS

1. **Name of the Scheme** : Rural Water Supply - Operation & Maintenance

2. **Objective of the Scheme** :

Towards quality improvements of the existing water supply systems in the rural areas. Purchase of machinery and equipments for execution of water supply programme in the rural areas.

3. **Actual Physical Achievements made in the Annual Plan 2014-15:**

- 2 nos. of works were completed for augmentation of water supply in Puducherry
- Additional source of water – 2 nos. of works were completed
- 6 nos. of generator set were purchased
- Sinking of new bore well – 10 nos. of works were completed
- Provide distribution line – 8 nos. of works were completed
- Improvements to the existing water supply system – 12 nos. of works were completed.
- 2 nos. of over head tanks were constructed.
- 5 nos. of sumps were constructed.

4. **Physical Achievements for the Annual Plan 2015-16:**

- Augmentation of water supply programmes for the following areas viz., Kumarapalayam, Koonichempet, Anbu Nagar (Uruvaiyar), Mangalam, Thondamanatham, Vambupet, Karaiyambuthur, Panayadikuppam, Kodathur and Thirubuvanai village have also been proposed to be taken up for improving the water supply by construction of Over Head Tank and Under Ground Reservoir with its allied components in the Puducherry Region.
- Construction of Retaining wall and approach Road to the Newly constructed OHT at Pathakudy village in Thirunallar commune
- Construction of 1.50lakh litres capacity OHT at Athipadagai village in Thirunallar commune , Karaikal
- Construction of 2.00 lakh litres capacity Underground sump and other allied works at Athipadugai village in Thirunallar commune , Karaikal
- Construction of 1.50lakh litres capacity OHT at Serumavilagai village in Thirunallar commune, Karaikal
- Construction of 2.00 lakh litres capacity Underground sump and other allied works at Serumavilangai village in Thirunallar commune , Karaikal
- Erection of Deep Bore Well and other allied works at Mini lake in pipe line campus ,T.R.Pattinam
- Providing and laying of pumping main of 200mm dia OD PVC pipe in between mini lake pipe line campus and keezhavanjore OHT, T.R.Pattinam.
- Providing and layout of 250mm dia DI pumping main from padutharakollai pump house to ITI OHT in T.R.Pattinam.

- Construction of sump ,Pumphouse cum Generator Room and compound wall at Melaponpathy OHT Premises in Nedugadu commune
- Construction of an OHT Capacity of 1.50 lakh litres ,at Mariamman kovil pet, Eatheru in T.R.Pattinam.
- Construction of Compound Wall at Mariamman kovil pet, OHT Campus Eatheru in T.R.Pattinam.
- Erection of Deep bore well and allied works at Right Bank of Aralsalar river near Melaoduthurai OHT in Neravy Commune
- Desilting the 5<sup>th</sup> & 6th GLR in water works campus, Dariyalathippa village in Yanam.
- Providing water supply grid for Bezawada Garden in Yanam
- Improvements to drinking water supply in Kanakalapeta village, Yanam.
- Replacement of delivery pipes of 1.25 lakhs OHT in Kanakalapeta water works, Yanam.
- Construction of compound wall at western side of 55acres GLR, Yanam.
- Urgent improvement works inside water works campus, Dariyalathippa village, Yanam.
- Laying internal CC roads in Water works campus Dariyalathippa village, Yanam.
- Improvements works inside water works campus in Farampeta village & Ambedkar Nagar in Yanam.
- Providing balance protection wall on rear side of water works campus in Dariyalathippa village in Yanam.
- Construction of compound wall at north side of 55acres GLR, Yanam.
- Providing drinking water supply lines to Jammubadava at Kanakalapeta village in Yanam.
- Construction of balance protection wall around 7th GLR in water works campus in Dariyalathippa village in Yanam.
- Providing 200mm dia HDPE Pumping main from 55 Acres GLRs in Yanam to Water works campus Dariyalathippa village, Yanam.

#### **5. Proposed Physical Targets for the Annual Plan 2016-17:**

- Augmentation of water supply programme by Construction of Over Head Tank and Under Ground Reservoir with allied components in the Rural areas of Puducherry Region are being taken up in the following villages like Karayamputhur (SCSP), Panayadikuppam (SCSP), Thondamanatham, Vambupet, Kunichempet, Anbu Nagar (Villianur), Kumarapalayam. In the new schemes will be taken up for the villages like Parikalpet, Pannithittu and Karikalampakkampet.
- Proposed to sink/replace 30 Nos. of borewells to improve quality and adequate pressure.
- Construction of Sump, Pump room cum Generator room and Compound wall at Melaponbathy OHT premises inNedungadu Commune. Karaikal.
- Providing and lying distribution grid to Melaponbathy water supply system.

- Supply erection and commissioning of 82.5 KVA genset at Melaponbethy OHT premises in Nedungadu Commune Karaikal.
- Supply erection and commissioning of 2 nos of 20HP centrifugal motor Pumpset at Melaponbethy OHT premises in Nedungadu Commune Karaikal.
- Supply Erection and commissioning of 20 HP centrifugal motor pump set at Thriuvengatapuram Over Head Tank and 20HP submersible motor pump set in Nedungadu commune, Karaikal.
- Interlinking the Pipeline from existing borewell at Nallathur to Nallathur OHT in Nedungadu Commune.
- Improvements to water supply distribution line to Rajiv Nagar in Nedungadu Commune.
- Providing and laying pumping main inbetween ITI OHT and Ayyanarkoil street in Mudalimedu, T.R.Pattinam.
- Construction of 1.50 lakh lit capacity OHT and sump 1.00lakh and allied works at Ayyanarkoil street in Mudalimedu, T.R.Pattinam.
- Providing water supply distribution line from ITI OHT to Gandhi road and Pudutheru in T.R.Pattinam.
- Erection of Deep Bore Well and allied works at kannikovil Village in Nedungadu Commune, Karaikal.
- Supply erection and commissioning of 20HP centrifugal motor Pump set and allied works in Perumalkovil OHT in Neravy.
- Supply erection and commissioning of 62.5 KVA genset at Border Pump house in Vizhidiyur.
- Providing water supply facilities to Co operativenagar at Karukkankudy village in Thirunallar commune Karaikal.
- Erection of additional deep bore well and allied works for Shah Nagar OHT in Thirunallar commune Karaikal.
- Supply of Submersible Motors for existing bore well to Thirunallar commune Panchayat.
- Replacing the Wornout GI bore column pipes with PVC Pipes in Thirunallar commune region.
- Face lifting to Jawagar OHT at Ambagarathur in Thirunallar commune Karaikal.
- Providing and laying of water supply distribution line to Annan koil street in Vizhidiyur.
- Face lifting to Ayyankulam OHT including construction of fallen compound wall at Ambagarathur.
- Face lifting to Neivacherry OHT in Karaikal.
- Erection of additional deep bore well for sethur OHT in thirunallar commune Karaikal.
- Supply erection and commissioning of 30KVA Genset including shed for Pettai OHT in Karaikal.

- Supply erection and commissioning of 30KVA Genset including shed for Valathmangalam OHT in Karaikal.

**6. Remarks :** Continuing Scheme.

**Scheme No. 2**

Sector : WATER SUPPLY & SANITATION

Implementing

Department : PUBLIC WORKS

**1. Name of the Scheme :** Urban Water Supply - Operation and maintenance

**2. Objective of the Scheme :**

To provide protected drinking water to urban areas by extension of water supply lines, augmentation of urban water supply sources by construction over head tanks / reservoirs, sumps etc., Proper treatment of water for drinking water purposes. Setting up of water testing laboratories in order to improve the quality of water to the public.

**3. Actual Physical Achievements made in the Annual Plan 2014-15:**

- Rehabilitation of Water supply System in Zone – I South & North were completed.
- Additional source of water finding – 5 Nos. of works were completed.
- Augmentation of Water Supply – 4 nos. of work were completed.
- Construction of over head reservoir – 5 nos. of works were completed.
- Providing & laying distribution line in 7 areas were completed.
- Distribution grid lines – 10 nos. of works were completed.
- 50 hp, 100 hp, 120 hp mechanical seal were purchased.
- 5 nos. of submersible motor pumps were purchased.
- Extending / improvements in water supply facilities in 10 areas were completed.
- Additional source of water – 2 Nos. of works were completed.
- 6 nos. of generator set were purchased.
- Sinking of new bore well – 13 nos. of works were completed.
- Improvements to the existing water supply system – 12 nos. of works were completed.
- 1 no. of over head tank were constructed.
- 5 nos. of sumps were constructed.
- Providing and laying of DI pumping main – 9 works were completed.
- 3 nos. of works for the construction of compound wall were completed.
- 5 nos. of pump house were constructed

#### 4. Physical Achievements for the Annual Plan 2015-16:

- Augumentation of water supply to the urban areas of Ragevendhra Nagar, Johnsi Nagar, Raja Nagar, Subbiah Nagar, Priyadarshini Nagar, Gorimedu Shivaji Nagar, Lawspet, Shanthi Nagar.
- Distribution and Pipe line Grid in Ragevendhra Nagar, Johnsi Nagar, Raja Nagar, Subbiah Nagar, Lawspet, Shanthi Nagar.
- Construction of OHT of 20 lakhs litre capacity tank and Distribution line Grid in J.J.Nagar.
- Extending the Water supply Facilities to the Newly Developed layouts of South Zone water supply system, Karaikal.
- Supply Erection & commissioning of 2 No's of 40 HP centrifugal Motor pump sets at Ammalchathiram OHT in Karaikal
- Supply Erection & Commissioning of 62.50 KVA Genset at Vizhidiyur Main Road pump House , Karaikal
- Supply, Erection and Commissioning of 20HP centrifugal motor pump set and 1 No. 82.50 KVA Genset with all accessories at subrayapuram village in Thirunallar commune
- Interlinking the pipe line from Karukankudy Over Head Tank to Elayankudy in Thirunallar commune
- Supply, Erection and Commissioning of 20 HP centrifugal motor pump set with CI suction pipe line and electrification arrangements to the Neravy Perumal koil Over Head Tank, Neravy .
- Erection of Deep Bore well and other Infrastructure Facilities at Kanchipuram Kovilpathu in Nedugadu Commune.
- Laying of 300mm dia DI pumping main from pettai to puduthurai and Erection of Deep Bore wells at Thirunallar commune.
- Supply Erection commissioning of 250 KVA Genset at Ammalchathiram OHT in Karaikal.
- Preparation and submission of detailed project report for Underground drainage scheme to Karaikal town
- Providing and execution of HT installation for enhancement of contracted maximum demand in the existing HT service connection of Agalancannu pump house at Thirunllar commune .
- Improvements to t he drinking water supply to the areas of Kanakalapeta Village in Yanam.
- Improvements to the drinking water supply to the GMC Balayogi colony in Yanam.
- Purchase of 75KV Genset for Francethippa water works Yanam.
- Improvements to the drinking water supply and Relaying of drinking water supply grid to the extension colony at Francethippa, Yanam.
- Improvements to the drinking water supply to the Kursampeta Village, Gandhi Nagar, Gopal Nagar and Yanam town in Yanam.
- Supply, erection and commissioning of 20HP Electrical motor with pump set to the Raw water pump house at Town water works in Yanam.
- Providing 160mm dia pumping line from town water works to Bezawada Garden in Yanam.



- Improvements to the French channel from Artikayalanka upto inlet point of Nalla tank in Yanam.

#### 5. Proposed Physical Targets for the Annual Plan 2016-17:

- Sinking of new borewell at Pudu Nagar, Nainarmandapam, Odiyampet, Truck Terminal, Jayaraj Nagar, Krishna Nagar, Mothilal Nagar.
- Providing distribution main & Extension of distribution lines at AFT Mill road, Mudaliarpet, Western Side of Cuddalore road, Angalamman nagar, Manjini Nagar, Pappammal Koil Street, Pillaiyar Koil Street, Muthialpet, Internal streets of Venkata Nagar, Kamaraj Nagar and Rainbow Nagar, Kattamanikuppam distribution main, Akkasamy Koil Street, Mettu Street, Carnal Madam Street, Vinoba Nagar, Mahatma Nagar, Thirubuvanai, Ramji Nagar at Maducarai, Vasan Nagar, Dhanabal Nagar, Koodapakkam pet, Poraiyur, Ariyapalayam, Kanuvapet, Sivaganapathy Nagar, Lalitha Garden, Rageventra Nagar & Raja Nagar at Thirubuvanai.
- Supplying, erecting and commissioning of diesel generator set at Sudhakar Nagar (Reddiarpalayam), Cement Kalam (Kombakkam), Aruna Nagar P.S.No.2, Isravel Nagar, Diamond City, Subash Chandra Bose Nagar, Truck Terminal, Vasan Nagar, P.S. No.9 Bahour, Srinivas Avenue (Ariyankuppam), Kirumampakkampet.
- Water Purification Units to be installed at Kirumampakkampet, Seliyamedupet, Bahourpet, Kizhparikkalpet, Kunichampet pet, Katterikuppam, Kalithiruthalkuppampet, Thiruvandarkoilpet, Thuthipet, Thondamanathampet, SS Nagar, Uthiravaginipet, T.N. Palayam, Abishekapakkam, Ariyurpet, Keezhsathamangalampet, Sooramangalampet, Kariamanikkampet and Anandha Nagar.
- Sinking of new borewells at Vanarapet, Thirukanji, Odiyampet - Manavelly junction, Kamban nagar 7th cross, Vasantham Nagar Sudalai road (Mudaliarpet) , Krishna Nagar 5th cross, Kalmedupet, Diamond city, Akathaiarkottam, Aruna Nagar pumping station No.2 & 3 Isravel Nagar, Kanuvapet, Thirubuvanai, Vasan Nagar (Lawspet), Srinivas Avenue (Ariankuppam) and Kirumampakkampet.
- Providing distribution main & Extension of distribution lines at Akathiarkottam, Diamond City, Pudu Nagar in Agaram, Lakshmikandam Nagar in Maducarai, Annai Nagar in Villianur, in Bahour South & East Streets, Royal Nagar, Anandham Nagar at Ariyankuppam, Teachers Nagar, Ottampalayam, Ganapathy Nagar, Elumalaiyan Nagar, Aravindar Nagar and Johnpaul Nagar, Sivagami Nagar, Raja Amirtham Nagar, Gajendra Nagar & Harikrishna Nagar, Sudalai road, Murungapakkam, Kalki Nagar, Thendral Nagar, Moolakulam, Mahalakshmi Nagar, Moolakulam, Pavanar Nagar, Annai Gandhi Thottam, Salai Mariamman Koil Street Muthialpet Ramakrishna Nagar, Muthialpet, Pookara Street Muthialpet, Iyyanar Koil Street Muthialpet, Pandian Street, Kumaragurupallam, Arunagiri Chetty Street Muthialpet, Chinnayapuram Muthialpet, Goubert Padasalai Street, Muthialpet etc.
- Supplying, erecting and commissioning of diesel generator sets at Ilango Nagar, Uralkuttai North, Sokkanathanpet, Sellathamman koil pumping station at Bahour and Bahourpet.

- Water Purification units installed at Jaya Nagar, Boomianpet, Fishing Harbour, Government Staff quarters Lawspet, Kennedy Nagar, Thondamanatham, Karasur, Sedarapet, Alankuppam, Jayaram Nagar, Anna Nagar, Olandai Government Quarters, Suthanthira Pon Vizha Nagar (Saram), Kanuvapet, Savanapet, Savanapet OHT, Natesan Nagar, Maducarai, Government Press Quarters, Mullai Nagar, Sanarapet, Shanmugapuram, Ariyankuppam Section Office.
- Construction of 2 lakh litres capacity OHT and 1 lakh litres capacity sump at Thakkakuttai (SCSP Fund).
- Supply erection and commissioning of 15HP Submersible motor pumpset at Thamaraiikulam Pump house in Nedungadu Commune.
- Supply Erection and Commissioning of 75 HP Centrifugal motor pump set at Nedungadu Head works in Karaikal.
- Modifying the suction and delivery line in the Eastern side of 40HP Centrifugal motor No.3 and suction line in the western side 40HP centrifugal motor No. 1&2 at south zone OHT Karaikal.
- Face lifting to Burma colony OHT.
- Face lifting and allied works to Karaikalmedu OHT.
- Face lifting and allied works to Nehru nagar OHT.
- Replacement of paver block at Central zone Over Head Tank campus.
- Relaying the Pumping main facilities to reconstruction of mullaiyar bridge.
- Interlinking the DI pumping main from Shah Nagar to Sorakudy.
- Erection of deep bore well inside shah nagar OHT campus.
- Replacing the Wornout GI bore column pipes with PVC Pipes in Nedungadu commune region.
- Providing and execution of HT installation for enchancement of contracted maximum demand in the existing HT service connection of Agalancannu pump house.
- Supply Erection and Commissioning of 2 nos of 40 HP Centrifugal motor pump set at Nehru Nagar OHT in Karaikal.
- Supply Erection and Commissioning of 2 nos of 40 HP Centrifugal motor pump set at Karaikalmedu OHT in Karaikal.
- Providing laying 250mm dia DI pumping main from Padutharkollai to ITI OHT at T R Pattinam.
- Supply Erection and Commissioning of 250KVA genset at Ammalchathiram OHT karaikal.
- Erection of deep bore well and Supply Erection and Commissioning of 15HP submersible motor pumpset at RB of Arasalar Burial ground at Bungalow thottam, Melaoduthurai.
- Erection of deep bore well and Supply Erection and Commissioning of 15HP submersible motor pumpset at RB of Arasalar near Athangarai road Kakkamozhi village, Melaoduthurai.

- Providing laying 200mm dia DI pumping main from OozhiapathuAthangarai bore well to Bungalow thottam road junction at MelaoduthuraiKaraikal.
- Providing laying 200mm dia DI pumping main between Burial ground bore well to Melaoduthurai OHT .
- Construction of Underground sump 6.0 lakhs lit capacity at Ammalchathiram OHT Karaikal.
- Construction of collecting well 2.0 lakhs lit capacity at Vizhithiyur Head works Vizhithiyur.
- Erection of deep bore well and Supply Erection and Commissioning of 15HP submersible motor pumpset at RB of Arasalar Burial ground near vizhithiyur High school vizhithiyur.
- Erection of deep bore well and Supply Erection and Commissioning of 15HP submersible motor pumpset at south Thattankaraistreet, vizhithiyur.
- Replacing Damaged CI sluice value , Non return value in VAG Value to Nehru nagar OHT .
- Replacing Damaged CI sluice value , Non return value and air value in VAG Value to Nedungadu Head works.
- Erection of two nos deep bore well , Supply Erection and Commissioning of 15HP submersible motor pumpset and DI Pumping main between newly erected bore well and exiling pumping main in KanjipuramKovilpathu .
- Replacing the existing sluice valves into VAG Valves central zone Water supply system karaikal.
- Extending the water supply facilities to Mahatma Ghandhi Nagar and Thillai Nagar in Karaikal.
- 6Km of Pipe Line are to be laid at various Villages in Mahe Region for providing Drinking Water to 5000 People in the Annual Plan 2016 – 17.
- Extension of Distribution Grid at East Palloor Area.( 11.00 Lakhs ).
- Extension of Distribution Grid at East Pandakkal Area.( 15.00 Lakhs ).
- Extension of Distribution Grid at Palloor Area.( 15.00 Lakhs ).
- Construction of Sump at Manjakkal Govt. Quarters Compound, Mahe.(30.00 Lakhs ).
- Replacing old GI distribution line at Kahinoor area, Mahe.
- Extension of distribution gird at Kuyyali Road, Mahe.
- Extension of distribution gird at Chembra area, Mahe.
- Providing Feeder Line for the proposed Sump at ManjakkalGovt, Quarters Compound and Pumping arrangements to Manjakkal GLR, Mahe.( 25.00 Lakhs ).
- Improvements work to Ramalayam Pumping Station, Chembra, Mahe.
- Extension of Distribution grid at East Pandkkal area, Mahe.
- Extension of Distribution grid at Kohinoor area, Mahe.

- Inter connecting the old GLR and new GLR with pumping arrangements in Kanakalapeta water works in Yanam.
- Construction of 5.00 lakhs liters capacity clear water storage sump at Town water works for Farampeta water supply system in Yanam.
- Construction of 5.00 lakhs liters capacity clear water storage sump at Town water works for Ambedkar Nagar water supply system in Yanam.
- Construction of 1.50 lakhs liters sump and providing 20 HP submergible motor pump set at Francethippa water works Yanam.
- Inter connecting the old GLR and new GLR with pumping arrangements at Kanakalapeta water works Yanam.
- Laying pumping main from Kanakalapeta water works to Francethippa water works at Yanam.
- Providing HDPE pipe line from 55 acres GLRs to Dariyalathippa water works in Yanam.

6. **Remarks** : Continuing Scheme.

### Scheme No. 3

Sector : WATER SUPPLY & SANITATION                      Implementing  
Department : PUBLIC WORKS

1. **Name of the Scheme** : Urban Sanitation

2. **Objective of the Scheme** :  
To provide sewage and sanitation facilities in the urban areas.

3. **Actual Physical Achievements made in the Annual Plan 2014-15:**

- Extension of sewerage facilities in left of areas of Puducherry/Karaikal/Mahe/Yanam – 12 works were completed.
- Restoration of roads for Zone VI & VII and adjoining areas in Puducherry – 12 works were completed.
- 2 recharging ponds were constructed.
- Sewerage farm at Lawspet were set up.

4. **Physical Achievements for the Annual Plan 2015-16:**

- Supply, delivery and commissioning of one no. of voltage corrector panel for the 50 HP pumpset (1) at Chettikulam Pumping Station, Puducherry
- Supply, erection and commission of 180HP Non-clog submersible motor and pumpset for new collection well at Intermediate Pumping station at Karuvadikuppam, Puducherry.

- Supply, erection and commission of 120HP Non-clog submersible motor and pumpset for new collection well at Main Pumping station at Kuruchikuppam, Puducherry.
- Supply, erection and commission of 180HP centrifugal motor at Intermediate Pumping station at Karuvadikuppam, Puducherry
- Supplying and erection of 630A cubical panel board with 200A cable joint box and cable laying accessories at Sub Pumping Station, Puducherry.
- De-silting the sewer lines of drainage system and CCTV survey at Zone-I Phase-IX
- Extension of sewerage facilities to the area near Ponniamman Koil Street, Lawspet, Puducherry.
- Providing and laying D.I. pumping main from Debasanpet Pumping Station to intermediate Pumping Station at Karuvadikuppam including supplying and commissioning of submersible pumpset.
- Enhancing and power supply at Chettikulam Pumping Station, Puducherry.
- Extension of sewerage facilities to Vishnu Nagar Near Sami Pillai Thottam area Puducherry
- Rewiring and providing electrical fittings to Goubert Nagar Drainage Pumping Station, Puducherry.
- Delinking the existing pumping system and providing arrangement for two separate pumping systems between IPS and sewage farm, Lawspet, Puducherry.
- Replacing the damaged guide rail systems and reconstruction of damaged valve chambers at Suthanthiraponvizha Nagar Drainage Sub Pumping Station, Puducherry.
- Construction of open drain from surplus escape of recharging pond no. 2 near Airstrip side at Sewage Farm, Lawspet, Puducherry. (Reach-II)
- Construction of open drain from surplus escape of recharging pond no. 2 near Airstrip side at Sewage Farm, Lawspet, Puducherry. (Reach-III)
- Construction of collection wells, pumping station with protection wall at Jayaram Garden adjacent to E.C.R, Puducherry
- Reconstruction of damaged compound wall at the backside of Narikuravas colony at Sewage Farm, Lawspet, Puducherry.
- Supply, erection and commission of 120HP centrifugal motor at Main Pumping station at Kuruchikuppam, Puducherry.
- Supplying, erection and commissioning of 10 HP non-clog submersible pumpset at Gandhi Nagar Pumping Station, Puducherry.
- Extension of sewerage facilities to the left out small lane rearside of Cluny School, Lawspet, Puducherry.
- Extension of sewerage facilities to the left out area at Anaikarai Medu, Puducherry.
- Extension of sewerage facilities to the left out streets at Maattuthavani Street, Karuvadikuppam, Puducherry.
- Modification works at water supply pumping station for providing approach proposed Sewage Pumping Station at Jayaram Garden from ECR, Lawspet, Puducherry.

## 5. Proposed Physical Targets for the Annual Plan 2016-17:

- Sinking of new suction well and interlinking the same with the old suction well at Drainage Intermediate Pumping Station, Karuvadikuppam, Puducherry.
- Sinking of new suction well and interlinking the same with the old suction well at Drainage Main Pumping Station, Kuruchikuppam, Puducherry.
- Supply, erection and commission of Stand-bye 180HP Non-clog submersible motor and pumpset at Intermediate Pumping station, KaruvadikuppamPuducherry.
- Renewing of Electrical panel board to Main Pumping Station, at Kuruchikuppam, Puducherry.
- Desilting the existing sewer lines within town limit including CC TV assessment of the constitution(Phase XII & XV).
- Replacing of 525mm RCC gravity main with 500mm dia Ductile Iron pipe at Bussy Street from Mission Street junction to the Captain Marius Xavier Street junction, Puducherry.
- Renovating the transformer at Main Pumping Station, Kuruchikuppam, Puducherry.
- Improvement to the pumping system at I.P.S , Karuvadikuppam, including replacement of motor pumpset valves, sluice valve gates, pumping line and Electrical accessories etc.,
- Purchase of sewage maintenance vehicles for Drainage Sub-Division, P.H.D., Puducherry.
- Supply, erection and commissioning new pumpsetsfor various sewerage pumping station including electrical accessories.
- Supply, erection and commission of 180HP Non-clog submersible motor and pumpset for new collection well at Intermediate Pumping station at Karuvadikuppam, Puducherry.
- Enhancement of Power Supply to IPS, Puducherry.
- Providing and fixing sluice gates arrangements in collection, suction wells of various sewerage pumping station, Puducherry.
- Supply, erection and commissioning of 50 HP non-clog submersible motor and pumpset with necessary accessories at Periyar Nagar Sub-Pumping Station, Puducherry.
- Supply, erection and commissioning of 50 HP non-clog submersible motor and pumpset with necessary accessories at Sub-Pumping Station, LalBahadurSastri Street, Puducherry.
- Supply, erection and commissioning of 20 HP non-clog submersible motor and pumpset with necessary accessories at Sub-Pumping Station at Vambakeerapalayam, Puducherry.
- Supply, erection and commissioning of 20 HP non-clog submersible motor and pumpset with necessary accessories at Sub-Pumping Station at Sewage Farm, Lawspet, Puducherry.

- Extension of sewerage facilities to various newly developed areas of Puducherry.
- Supply, erection and commission of Stand-bye 100HP Non-clog submersible motor and pumpset for new collection well at Goubert Nagar Pumping station, Puducherry.
- Replacing the existing damaged 250mm dia Stone ware Trunk sewer line with D.I line at Rajiv Gandhi Nagar, Main road near Saram in Puducherry.
- Supply, erection and commissioning of 120HP Non-clog submersible motor pumpset at Main Pumping station, Puducherry.
- Supply, erection and commissioning of 180HP Non-clog submersible motor pumpset at Intermediate Pumping station, Puducherry.
- Supply, erection and commissioning of 1 no of Stand-bye 120HP Non-clog submersible motor pumpset at Main Pumping station, Puducherry.
- Supply, erection and commissioning of 50HP Non-clog submersible motor pumpset at PRTC Pumping station, Puducherry.
- Supply, erection and commissioning of 50HP Non-clog submersible motor pumpset for the new collection well at Debasanpet Pumping station, Puducherry.
- Supply, erection and commissioning of 50HP Non-clog submersible motor pumpset at Suthanthiraponvizha Nagar Pumping station, Puducherry.
- Supply, erection and commissioning of 50HP Non-clog submersible motor pumpset at Chettikulam Pumping station, Puducherry.
- Construction of collection wells, pumping station with protection wall at Jayaram Garden adjacent to ECR, Puducherry.
- Sewerage scheme for the area covered by Lawspet main road, Samipillai Thottam road on ECR (Kennedy Garden, Karuvadikuppam and Surrounding areas) of Puducherry (Stage-I).
- Sewerage Scheme for the area covered by Kennedy Nagar, Shanthi Nagar Extension, Thideer Nagar, Sarathy Nagar and surrounding areas, Puducherry.
- Extension of sewerage facilities to the left out streets at Maatuthavani Street, Karuvadikuppam, Puducherry.
- Extension of sewerage facilities to the left out area at Anakaraimedu, Puducherry.
- Reconstruction of Retaining wall cum compound wall near Narikuravas hutments at Sewage Farm, Lawspet, Puducherry.
- Supply, delivery and commissioning of one no. of voltage corrector panel for the 50 HP pumpset (1) at Chettikulam pumping station, Puducherry.
- Supply, erection and commission of 180HP Non-clog submersible motor and pumpset for new collection well at Intermediate Pumping station at Karuvadikuppam, Puducherry.
- Supply and commission and testing of 120HP Non-clog (Standby) Submersible motor and pumpset for Main pumping station, Kuruchikuppam, Puducherry.

- Supplying and erection of 630A cubical panel board with 200A cable joint box and cable laying accessories at Sub Pumping Station, Puducherry.
- Extension of sewerage facilities to the area near PonniammanKoil Street, Lawspet, Puducherry.
- Delinking the existing pumping system and providing arrangement for two separate pumping system between IPS and sewage farm, Lawspet, Puducherry.
- Construction of open drain from surplus escape of recharging pond no. 2 near Airstrip side at Sewage Farm, Lawspet, Puducherry. (Reach-II)
- Construction of open drain from surplus escape of recharging pond no. 2 near Airstrip side at Sewage Farm, Lawspet, Puducherry. (Reach-III)
- Extension of sewerage facilities to the left out of small lane rearside of Cluny School, Lawspet, Puducherry.
- Desilting the existing sewer lines within town limit including CC TV assessment of the constitution(Phase I to XI)
- Diverting Sewage from Sub Pumping Station at Bussy Street by providing and laying 300mm dia D.I. pumping main from Sub Pumping Station to Dubrayapet Sewage Treatment Plant, Puducherry.
- Comprehensive Sewerage project for the urban areas of Puducherry under JNNURM (nearing completion)

**6. Remarks** : Continuing Scheme

**Scheme No. 4**

Sector : WATER SUPPLY & SANITATION    Implementing  
Department : PUBLIC WORKS

**1. Name of the Scheme** : Purchase of machinery & equipments / acquisition of land.

**2. Objective of the Scheme** :  
Purchase of machinery and equipments for the execution of water supply programmes implemented by this Sector. Apart from this, necessary land acquisition proposal for the construction of OHTs, Pump houses for various capacities and laying of distribution lines are carried out by means of land acquisition process with the approval only from the Govt. of Puducherry.

**3. Actual Physical Achievements made in the Annual Plan 2014-15:**

- Acquisition of land for construction of OHT and sum in Nainarmandapam, Sudhagar Nagar will be taken up.
- Acquisition land for sewerage scheme in Krishna Nagar will be taken up.



**4. Physical Achievements for the Annual Plan 2015-16:**

- Acquisition of land for construction of OHT and sum in Nainarmandapam, Sudhagar Nagar will be taken up.
- Acquisition land for sewerage scheme in Krishna Nagar will be taken up

**5. Proposed Physical Targets for the Annual Plan 2016-17:**

- Acquisition of land for construction of OHT and sum in Nainarmandapam, Sudhagar Nagar will be taken up.
- Acquisition land for sewerage scheme in Krishna Nagar will be taken up

**6. Remarks : Continuing Scheme****Negotiated Loan**

- Comprehensive water supply scheme for Dr. Danabalan Nagar, Muthirapalayam, Jayaram Nagar (OHT, Sump, Distribution grid, pumping main), J.J. Nagar (Distribution main, Pumping main), Muthupillaipalayam, Velrampet, Engineers Colony, Jayamoorthy Raja Nagar, Raman Nagar, and its surrounding areas, Sudhana Nagar and surrounding areas in Puducherry (distribution grid, pumping main, road restoration, and allied works)
- Comprehensive water supply scheme for Kurumbapet, Iyyankuttipalayam and adjoining areas in Zone VII, Sulthanpet, Viswanathan Nagar in Zone-II (Muthialpet) Thirukanji, Keezhur in Villianur Commune.
- Construction of double decker circular OHT of 20 lakhs litres capacity as replacement of existing Ground Water Reservoir at Muthirapalayam, Head Works, Puducherry.
- Providing 57 numbers of community water supply system in rural and urban areas of Puducherry.
- Providing and laying D.I. pumping main between the Debasanpet pumphouse to IPS and including Providing pumpset at IPS, Karuvadikuppam, Puducherry.
- Augmentation of water supply programme by Construction of Over Head Tank and Under Ground Reservoir with allied components in Puducherry Region are being taken up in the following villages like Sedarapet, Kodathur, Pooranankuppam, Ariyur Anandapuram, Keezagraharam, Uruvaiyar. New proposals for the following villages like Thanampalayam, Andiarpalayam, Pooranankuppam, Thirubuvanaipalayam, Kizhour and Thirukanchi.
- Construction of OHT of 20 lakh litres at R.K. Nagar, Ariyankuppam, 10 lakh litres at Observation Home, Ariyankuppam, 10 lakhs litres at Shanthi Nagar, Lawspet are completed.
- Construction of OHT of 20 lakhs litres at Angalamman Nagar, 10 lakh litres at Karuvadikuppam, 10 lakh litres at Swedheshee Textile Mill campus, 10 lakhs litres at Priyadharshini Nagar (Gorimedu), 20 lakhs litres at Sudhana Nagar, 12 lakh litres at Ellapillaichavady, 20 lakh litres at Oulgaret School are in progress. Construction works of the above OHTs is expected to be completed within this Financial Year.

- Providing and laying of House Service Connections to the Ariyankuppam Scheme are completed and the scheme dedicated to the public by the Hon'ble Chief Minister. Change of House Service connection from the old lines to new lines will be taken up and completed during this Financial Year (2016-17).
- Apart from the above laying of pumping main, distribution lines, House Service Connection at Shanthi Nagar Lawspet, Karuvadikuppam, Priyadharshini Nagar (Gorimedu), Raja Nagar and surrounding areas at Orleanpet, Ragavendra Nagar, Jansi Nagar in Kathirkamam Constituency are in progress.
- The cut open road portions for laying the water supply lines are being restored and will be made good for vehicular traffic.
- Providing and laying D.I. pumping main from Debasanpet Pumping Station to Intermediate Pumping Station at Karuvadikuppam including supplying and commissioning of submersible pumpsets – Rs. 5.00 Crores.
- Replacing of 525mm RCC gravity main with 500mm dia Ductile Iron pipe at Bussy Street from Muthumariamman Koil Street to Main Pumping Station at Kuruchikuppam, Puducherry. – Rs.2.00 Crores.
- Augmentation of water supply scheme to Shanty Nagar in zone-V(lawspet) in Puducherry.
- Construction of an over head tank to capacity of 1.50 lakhs litre.
- Construction of an under ground reservoir to capacity of 50,000 litres.
- laying of D.I pumping main with Upvc distribution mains,house service connection including mannadipet commune.
- Augmentation of water supply scheme to karuvadikuppam and surrounding areas in Zone-V lawspet in Puducherry.
- Providing and laying of distribution grid and house service connection for priyadharshini nagar and kamaraj nagar,danvandri nagar and surrounding area in zone-IV,thatanchavady, Puducherry.
- Installation, commissioning distribution operation maintenance of community water purification system.
- Rehabilitation of /W/S/D/G in zone-I,phase-III(North)Puducherry.
- Augmentation of water supply scheme to sedarapet village in villianur commune.
- Supply and upgrading computer at RWS, PHD, PWD, Puducherry.
- P/L of P/M dist. Main and service line in Ariyankuppam area, Puducherry.
- Augmentation of water supply scheme to Poornakuppam village and surrounding area in Ariyankuppam area, Puducherry.
- Construction of circular OHT 10 lakhs litres capacity 4 lakhs litre capacity pump in Ariyankuppam area, Puducherry.

- Supplying, erection and commissioning of 3 nos of 60hp centrifugal motor and pumpsets including line king with raising main at PHT campus at R.K nagar in Ariyankuppam area, Puducherry.
- Augmentation of water supply scheme to ariyur anandapuram village in villianur commune.
- Construction of circular OHT 10 lakhs litres capacity 4 lakhs litre capacity pump and construction of genset room at swedeshe textile mill campus , Puducherry.
- Supplying, erection and commissioning of 3 nos of 40hp centrifugal motor and pumpsets including line king with raising main at PHT campus at various place in Ariyankuppam area, Puducherry.
- Supplying, erection and commissioning of 200kva diesel generator set at newly constructed over head tank at RK nagar place in Ariyankuppam area, Puducherry.
- Urgent restoration of BT road cutting is Madha koil street, Ariyankuppam, Puducherry.
- Supplying, erection and commissioning of 16dva diesel generator set at newly OHT at observation Ariyankuppam area, Puducherry.
- Filling low laying area inside new OHT campus at AFT colony in poorannakuppam village in Ariyankuppam commune, Puducherry.
- Supply and installation of DI resolvent seafed vaccum tight butterfly valve 300mm diameter, 200mm dia VAG/AVGn valve of Dr.Radhakrishnan nagar in Ariyankuppam commune, Puducherry.
- Supply and installation iron double flaged pipes of 300mm diameter , 200mm dia VAG/AVGn valve of Dr.Radhakrishnan nagar in Ariyankuppam commune, Puducherry.
- Supply and installation of electro magnetic bulleflow meter 300mm diameter, developing lines at Dr.Radhakrishnan nagar in Ariyankuppam commune, Puducherry.
- Supply and infixing posting flaged standard DI special for interlinking OHT line at Dr.Radhakrishnan nagar in Ariyankuppam commune, Puducherry.
- Supply and installation of DI resolvent seafed vaccum tight butterfly valve 300mm diameter , 200mm dia UAG/AUG for OHT deeder its toilet pipe line and OHT bottom spare develop line pipe line at Dr.Radhakrishnan nagar in Ariyankuppam commune, Puducherry.
- Installation of DP structure and fencing arrangement EB side at RK nagar GHS school campus, Ariyankuppam.
- Providing of 3.5X300 sqmm underground cable arrangement at observation home, Ariyankuppam commune, Puducherry.
- Urgent restoration of water supply electrify BSNL road cutting patch with gravitor subbase web mix at variors palces within bouleward at Puducherry.

- Augumentation of WS system for ragavendra nagar, jansi nagar, natesan nagar, mariamman nagar and surrounding areas at boomianpet in Puducherry.
- Engagement of consultancy service for 15MLD Ro plant for submission to AFD scheme.
- Engagement of consultancy service for the preparation of detailed design and cost estimate for 5 mld water treatment plant at thirukanji with intake well structure for submission to AFD scheme.
- Sinking of a new tube No.1 & 2 at left bank of chunnambar river Ariyankuppam commune.
- Replacing old AC main deliver line from Pandakkal Junction, Mahe.
- Extension of distribution grid at Palloor area near Namath road, Mahe.
- Extension of distribution grid at Chalakkara Palloor area, Mahe.

**L'Agence Française de Développement (AFD)**

Sewerage scheme for the left-out Urban areas and Peri-Urban areas of Puducherry - Rs.850.04 Crores.

**Scheme No. 5**

Sector : WATER SUPPLY & SANITATION

Implementing  
Department : PUBLIC WORKS

**1. Name of the Scheme** : National Rural Drinking Water Programme (CSS)

**2. Objective of the Scheme** :

To provide safe and adequate drinking water supply through handpumps, piped water supply etc. to all rural areas, households and persons.

**3. Actual Physical Achievements made in the Annual Plan 2014-15:**

- An amount of ₹400.02 lakh has been allocated under CSS.

**4. Physical Achievements for the Annual Plan 2015-16:**

- An amount of ₹400.02 lakh will be released under CSS

**5. Proposed Physical Targets for the Annual Plan 2016-17:**

- An amount of ₹400.02 lakh will be released under CSS

**6. Remarks** : Continuing Scheme