

## MINOR IRRIGATION

### AGRICULTURE

Water is an important basic need for Agriculture development and economic advancement in Union Territory of Puducherry. The water required for irrigation, drinking and industrial purposes in Puducherry region are mainly met-out from ground water resources. Owing to the dependence on groundwater, the groundwater resources of Puducherry has reduced in the past and it is a natural fact that the water requirement of a developing society gets increased day by day.

In order to increase the potential of groundwater and to improve its quality, this administration has given special emphasis to harvest rainwater for recharging groundwater over a period of 10-15 years. As a result, the percentage of development of groundwater in Puducherry region has been reduced from 179 (as on March 2004) to 139(as on March 2013). Besides, the Hydrology Project Phase II which was implemented with World Bank assistance from 2006-2014 to bring all water related data under one roof for future better water resource planning and management is proposed to be continued since 2016-17 onwards with an objective of encouraging the public's in participatory irrigation management (PIP). The rain water harvesting and water conservation programmes and creation of awareness on the importance of water among the public's which were undertaken in the yester years are proposed to be continued.

**The strategy of the scheme is as follows: -**

Sl. No	Name of the scheme	Strategies of the schemes
I	Subsidy for construction of tube well.	<ul style="list-style-type: none"> <li>➤ The total irrigation is depended on ground water resources in Puducherry region.</li> <li>➤ Due to excessive load on ground water steep decline of water level in aquifer has occurred to a depth of 100mts.</li> </ul>
II	Subsidy for installation of submersible pump sets with accessories.	<ul style="list-style-type: none"> <li>➤ To tap ground water from the aquifer 100mts to 150mts below, the cost of construction of a tube well and installation of motor pumps of ISI standard, cost more than Rs. 2.00 lakhs of rupees which a small/marginal farmer cannot afford.</li> </ul>

Sl. No	Name of the scheme	Strategies of the schemes
		<ul style="list-style-type: none"> <li>➤ Hence 65% subsidies in cost of construction of tube well to a maximum of Rs. 1.20 Lakhs for General Farmer and 100% subsidy to a max. of Rs.1.50 Lakhs for S.C farmers is entertained.</li> <li>➤ Every financial year more than 25 Nos. of farmers is getting benefitted under these schemes.</li> <li>➤ Because of these schemes, the area under agriculture is sustained.</li> </ul>
III	Subsidy for Laying of Under Ground Pipe Line.	<ul style="list-style-type: none"> <li>➤ Under this scheme reducing evaporation loss around 40% of irrigated water.</li> <li>➤ Reducing seepage loss of irrigation water</li> <li>➤ Avoiding deep percolation of irrigated water.</li> <li>➤ Increasing of cultivable area.</li> </ul>
IV	Subsidy for Installation of Micro Irrigation system like Sprinkler/Drip.	<ul style="list-style-type: none"> <li>➤ Under this scheme saving irrigable water around 60%.</li> <li>➤ Reducing evaporational loss.</li> <li>➤ Weed control increased.</li> <li>➤ Productivity/unit area will be increased.</li> <li>➤ Economic usage of fertilizers by fertigation techniques.</li> </ul>

## PUBLIC WORKS

Puducherry region mostly depends on tank irrigation and underground water resource, while Karaikal, Mahe and Yanam regions depend on river water for the purpose of irrigation. There are **about 84 tanks** in Puducherry region and the total ayacut covered is **6456 Hectares**. Karaikal region mainly depends on the surface water of Cauvery river and its distributaries. The total ayacut covered is **10,974 Hectares**. The irrigation system is in micro level in Yanam and Mahe region. In Yanam, Industrial Development is taking place and most of the irrigation lands becoming residential layout by which, the irrigation ayacut is reduced to **550 acres** including both channels. New works are proposed for stabilizing the existing ayacut. Major works like improvements to the French Channel from Bheem Nagar to Muduthumulu in Yanam and providing Lift irrigation facilities from Godavari River at Farampeta have been proposed.

Construction of Bed Dams / Check Dams is most essential to save more surface water and recharge the depleted ground water to avoid the adverse situation arising out of continuous drawal of ground water resulting intrusion of salinity in the coastal region. Further, it is proposed to improve the tanks, channels and survey works wherever necessary. The tanks such as Oussudu, Abeshekapakkam, Karasur, Kanaganeri, Thondamanatham chinnaeri, Kodathur, Korkadu, surplus weir at Bahour tanks are proposed to be improved

during 2016-17. It is proposed to improve the regulatory works, improvements at Perungaloor Eri, Thirukanchi Eri, Kizhur, Mangalam anicuts, etc. Further tank bunds are proposed to be strengthened and developed for inspection tracks.

Further, the Irrigation Sector carried out the improvement works to the tanks like desilting the tanks, its feeder channels, supply channels, surplus courses, Remetalling and black topping to the inspection tract, Strengthening the bank of the tanks, were carried out. The major thrust will be construction of check dams across rivers/cannals for recharging the ground water supply. To save the sea level leading to sea water intrusion into the inland, Rock revetment works is being carried out along the seacoast will be extended along with protection works in the rivers.

20 nos. of Bed dams have been constructed across Sankaraparani river, Pambaiyar, Pennaiyar, Chunnambar, Guduvaiyar, Malatar and Bahour tank surplus course at various places and 9 nos. of Bed dams are proposed to be constructed by PWD. The Puducherry Irrigation division taken up the construction of anicut with high level bridge across the Sankaraparani river connecting Kaikalapet and Suthukeny villages for Rs.34.95 crores. Construction of bed dam across Pampaiyar near the confluence point at Sellipet Village for 3.28 crores under the Ground Water Recharge Scheme and NABARD.

With respect to the Karaikal region the work desilting of Poniypillai Kulam in Kottucherry Commune and improvements to the tank at Nallathur in Nedungadu Commune, improvements to Poosamandaum Koilkulam in Nadukulampet will be taken up in the financial year 2016-17. Also desilting of various channel in Karaikal town, Nedungadu, Kottucherry, Thirunallar, Neravy and T.R.Pattinam Communes for the year 2016-17 will be taken.

With respect to the Yanam region two irrigation channels namely Adivipolam channel and French channel, under which 550 acres are irrigated also besides drainage channels. Channels namely Sividumanyam drainage channel and Isakakalva drainage channel through which entire storm water and waste water from fields are being discharges. Further, in Yanam, Industrial Development is taking place and most of the irrigation lands becoming residential layout by which, the irrigation ayacut is reduced to 550 acres including both channels. New works are proposed for stabilizing the existing ayacut. Major works like improvements to the French Channel from Bheem Nagar to Muduthumulu in Yanam and providing Lift irrigation facilities from Godavari River at Farampeta have been proposed.

## OUTLAY AT A GLANCE

Sector : MINOR IRRIGATION

No. of Schemes : 3

Department : 1. AGRICULTURE

(Plan : 2 + CSS:1)

2. PUBLIC WORKS

(₹ in lakh)

Annual Plan 2014-15 Actual Expenditure	:	2147.78
Annual Plan 2015-16 Approved Outlay	:	2698.14
Annual Plan 2015-16 Revised Outlay	:	2087.11
Annual Plan 2016-17 Proposed Outlay	:	6050.47

(₹ 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)	(3)	(4)	(5)	(6)	(7)
<b>AGRICULTURE</b>						
1.	Integrated scheme for development, harvesting, recharging and conservation of ground water	481.91	490.00	182.90	274.00	--
<b>PUBLIC WORKS</b>						
2.	Augmentation of surface water and ground water potential recharge scheme including strengthening of infrastructure.	646.47	704.95	578.21	2168.28	--
	Negotiated Loan	1019.40	1500.00	1325.00	3605.00	3605.00
	Sub-total	1665.87	2204.95	1903.21	5773.28	3605.00
	<b>Total (Plan)</b>	<b>2147.78</b>	<b>2694.95</b>	<b>2086.11</b>	<b>6047.28</b>	<b>3605.00</b>
<b>Centrally Sponsored Scheme (CSS)</b>						
3.	Census Survey of Minor Irrigation	--	3.19	1.00	3.19	--
<b>Total (Plan + CSS)</b>		<b>2147.78</b>	<b>2698.14</b>	<b>2087.11</b>	<b>6050.47</b>	<b>3605.00</b>

## Scheme No. 1

Sector : MINOR IRRIGATION

Implementing  
Department : AGRICULTURE

1. **Name of the Scheme** : Integrated Scheme for Development, Harvesting, Recharging and Conservation of Ground Water

2. **Objective of the Scheme** :

In order to meet the relentless increase in the demand for water for various purposes and to achieve the goal of optimal use and sustainability and to derive the maximum benefits through development, storage, conservation, distribution and reuse, it has become necessary to make water resources development more imperative by implementing a comprehensive integrated scheme with the following objectives: -

- Rainwater Harvesting and Recharging groundwater
- Water conservation and management
- Construction of rain water harvesting structures like mini lakes and ponds in Karaikal region
- Assessment of ground water potential and monitoring of ground water quality
- Stabilization of irrigation command

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

“The Puducherry Ground Water (Control and Regulation), Act” was enacted, and is being enforced by a separate body “Pondicherry Ground Water Authority”. The behavior of ground water was monitored intensely in terms of quality and quantity.

Sl. No.	Name of the Item	Unit	Actual Achievement
i)	Construction of tubewells @ 65% subsidy per individual	"	31
ii)	Installation of Submersible Pumpsets with accessories @ 65% subsidy per individual	"	17
iii)	Laying of underground pipelines	Mtrs.	21910
iv)	Installation of Micro Irrigation System like drip / Sprinkler etc at 90% subsidy	Nos.	14
v)	Area to be Stabilized	Acre	100

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

Sl. No.	Name of the Item	Unit	Actual Achievement
i)	Construction of filter point / shallow tubewells	"	6
ii)	Construction of Medium / Deep tubewell	"	5

Sl. No.	Name of the Item	Unit	Actual Achievement
iii)	Construction of tubewells @ 65% subsidy per individual	"	10
iv)	Installation of Submersible Pumpsets with accessories @ 65% subsidy per individual	"	9
v)	Laying of underground pipelines	Mtrs.	14671
vi)	Installation of Micro Irrigation System like drip / Sprinkler etc at 90% subsidy	Nos.	19
vii)	Construction of New / Replacement Community Tube wells	"	2
viii)	Area to be Stabilized	Acre	218

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

Sl. No.	Name of the Item	Unit	Proposed Target
i)	Renovation of dugwells/dug-cum-borewells	Nos.	1
ii)	Construction of roof top rain water harvesting structures in Govt. buildings / Other Agencies.	"	5
iii)	Construction of filter point / shallow tubewells	"	5
iv)	Construction of Medium / Deep tubewell	"	5
v)	Construction of tubewells @ 65% subsidy per individual	"	20
vi)	Installation of Submersible Pumpsets with accessories @ 65% subsidy per individual	"	20
vii)	Laying of underground pipelines	Mtrs.	18000
viii)	Installation of Micro Irrigation System like drip / Sprinkler etc at 90% subsidy	Nos.	15
ix)	Area to be Stabilized	Acre	100

6. **Remarks** : Continuing Scheme

#### Scheme No. 2

Sector : MINOR IRRIGATION

Implementing

Department : PUBLIC WORKS

1. **Name of the Scheme** : Augmentation of surface water and ground water potential recharge scheme including strengthening of infrastructure.

2. **Objective of the Scheme** :

Augmentation of surface water by desilting and deepening of tanks, lakes, ponds and rivers and strengthening of infrastructure by construction of bed dams, check dams, etc.,

infiltration wells, construction of regulators and head works, protecting bunds, stabilizing the existing ayacut by way of improvements of various supply channels off taking from tanks, etc. artificial recharge of ground water to store water to a maximum extent.

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

- Construction of protection wall in Left bank and Right bank of Oural Kuttai channel near Higher Secondary School at Madagadipet Palayam, Mannadipet Commune, Puducherry.
- Construction of protection wall on the southern side of the Ouralkuttai from Ouralkulam voikkal Road culvert in Ariyankuppam Commune, Puducherry.
- Construction of Bed Dam across Guduvaiyar near Melasathamangalam Village, Villianur Commune, Puducherry
- Improvements to the inspection track at Manalipet tank in Mannadipet Commune, Puducherry.
- Improvements to the Poosamandabam koil kulam at Nadukalampet in Karaikal.
- Reconstruction of Keezhakasakudy channel head sluice near Kuyavankulathupet at Keezhakasakudy village in Karaikal
- Desilting of Various channel through pasanathar sangam in Kottucherry, Nedugadu, Thalatheru & Keezhakasakudy section in Karikal.
- Improvements to the inspection track on the L.B of Vanjjiar from Kalayankatti Bridge of Lamaire bridge connecting Valliammai Nagar Grave Yard in Karaikal region.
- Construction of pipe syphone across the creak in Island No.3 in Dariyalathippa village, Yanam.
- Remetaling and surface dressing the inspection track along Adavipolam channel in Yanam.

### Negotiated Loan

- Balance work for the Construction of bed dam cum bridge across Pambaiyar near the confluence point of Sellipet village, Mnanadipet commune, Puducherry.

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

- Improvements to the inspection track of Vikravandi channel from Koonichampet Pudueri feeding channel to Government school culvert in Koonichampet village at Puducherry.
- Construction of retaining wall to ravine and formation of gravel road to cremation yard for scheduled caste at Kodathur in Mannadipet commune, Puducherry.

- Providing retaining wall on both side of channel from surplus course of Perieri from ch. Om. to 387m. at Sandai pudhukuppamm pet in Mannadipet commune, Puducherry.
- Construction of retaining wall along both side Thirukannur Peri eri feeding channel near Manadipet Peri eri in Manndipet commune, Puducherry.
- Construction of retaining wall along the Vikkaravandy main channel near chettipet colony in Mannadipet commune, Puducherry.
- Improvement to the existing B.T. road from Suthukeny pet OHT to Durga Koil.
- Providing B.T. road around Irular kudiruppu to bund road of supply channel from Katterikuppam tank to Kuppam tank in Mannadipet commune, Puducherry.
- Formation of WBM road from ch. 0 m. to 908 m. for Gingee Pathai including construction of culvert at ch. 700 m. in Santhai Pudukuppam, Mannadipet commune, Puducherry.
- Construction of RCC culvert across Putheri canal and formation of WBM road to foreshore bund of putheri in Santhai Pudukuppam village at Mannadipet commune, Puducherry.
- Construction of protection wall in left bank and right bank of Ouralkuttai channel near Higher Secondary School at Madagadipet Palayam Mannadipet Commune, Puducherry.
- Construction of protection wall on the southern side of Ouralkuttai from Uralkulam voikkal Road culvert in Ariyankuppam Commune, Puducherry.
- Protection to theLB vanjiar near Valliyammai nagar grave yard in Karaikal.
- Improvements to Choleeswarar kulam at Padutharkollai in T.R.Pattinam.
- Reconstruction of Rettaikannu bed dam ,Milagaladi bed dam, Kodalikattalai bed dam across Kangeyan A channel at Vizidiyur in Neravy commune.
- Improvements to the sana kulam at Narikurumbai pet in Nedugadu commune.
- Reconstruction of Head sluice at Karuvapattam channel near Adaikalapuram pet in Nedugadu commune.
- Reconstruction of Head sluice at Thiruvengadapurampet in Nedugadu commune.
- Improvments to the French channel from Artikayalanka upto inlet point of Nalla tank in Yanam.
- Construction of shuttering arrangements at drainage channel near kanakalapeta in Yanam.
- Extension of drinking water supply line from ferry point to GMC Balayogi Varathi in Yanam.

#### **Negotiated Loan**

- Construction of drain and providing approach road to Selliamman Odai from OHT to ECR at Selliamman Nagar in Periya Kalapet, Puducherry.
- Constn. Flood carrier in the Ganapathy chettikulam drain from PIMS road to ECR culvert in Kalapet, Puducherry



- Construction of check dam across the Sankaraparani river at Chetti Pet village in Mannadipet commune, Puducherry.
- Construction of retaining wall for the Annai Nagar Kalinkal channel from Alankuppam peri eri to the state border, Puducherry.
- Construction of retaining wall for irrigation channel from Throwbathi Amman koil to state border Sanjiveerayan pet, Puducherry.
- Construction of retaining wall on both sides of branch feeding channel of Sedarapet sitheri from culvert at new Anganwadi building to main channel of Sedarapet sitheri in Sedarapet new colony, Puducherry.

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

- Desilting the supply channel of 3rd sluice upto surplus channel of Olandai tank near PSC Bankers Colony skew culvert in Mudaliarpeta, Puducherry.
- Construction of toe wall at Eastern side bund of Sengan Odai Eri Karikkalampakkam Village, Nettapakkam Commune, Puducherry.
- Cleaning the Northern, Southern side of Arangani portion of Bahour tank from Bangaru channel inlet point to surplus weir at Bahour Commune, Puducherry.
- Replacing of damaged shutters of tanks & channels, Madaghu at Thirukkanur section
- Reconstruction of inlet structure of the Thirukanchi Tank, Thirukanchi Village, Villianur Commune, Puducherry.
- Reconstruction of the Palla Madhagu of Pandasozhanallur Tank, Pandasozhanallur Village, Nettapakkam Commune, Puducherry.
- Reconstruction of Mettu Madhagu of Karikkalampakkam Tank, Karikkalam Village, Nettapakkam Commune, Puducherry.
- Strengthening of Side bank of the Sengan Odai, Karikkalampakkam Village, Ariyankuppam Commune, Puducherry.
- Construction of RCC box culvert across the Kallarai Street in mill road drain near Amalorpavam Higher Secondary School, Varanapeta, Puducherry. NIL
- Reconstruction of protection wall along the left side bank of Gorimedu drain at Chinnayampeta, Puducherry.
- Desilting the Karuvadikuppam channel from downstream of ECR upto upstream of Lawspeta Road Bridge in Puducherry
- Construction of RCC slab culvert across the T.V.Koil surplus channel behind Navadurga school at T.V.Koil village in Puducherry.
- Construction of RCC slab culvert across P.S.Palayam surplus channel at Raja Nagar (near Thirukkanur Road) at K.T.Kuppam village in M.C Puducherry.
- Construction of watching room on the right bank of Sellangal channel near inlet shutter at Madagadipeta in Puducherry.
- Cleaning and desilting the channels in Bahour Commune, Puducherry.
- Cleaning of Mullodai channel in Bahour Commune, Puducherry.

- Desilting the surplus channel from K.T.Kuppam upto Pambaiyar river.
- Reconstruction of Culvert across Thirukkanchi Tanks feeder canal, at Approach Road of Andiarpalayam Village, Thirukkanchi Revenue Village, Villianur Commune, Puducherry.
- Widening the Left Bank of the Thirukkanchi feeder canal near Down Stream Side of Uruvaiyar Road Culvert for providing across to the free house site patta Uruvaiyar Village, Villianur Commune, Puducherry.
- Reconstruction of Sypton Structure of the Nettareppakkam Tank Surplus Course, Nettareppakkam Village, Nettareppakkam Commune, Puducherry.
- Reactivation and Reconstruction of surplus structure of the Pandasozha Nallur Tank, Pandasozha Nallur Village, Nettareppakkam Commune, Puducherry.
- Construction of protection wall in the Left Bank of surplus course of Perungalore tank, Perungalore Village, Villianur Commune, Puducherry
- Desilting the Pallamadhagu channel of Abishegapakkam tank from Road culvert to Andiyarpalayam Road culvert, Ariyankuppam Commune, Puducherry.
- Protection wall on the LB & RB of Thirubuvanai feeder channel and Sellangal channel.
- Protection wall on the LB & RB of T.V.Koil tank feeder channel at Thirubuvanai near Police station (upstream and Downstream in M.C. Puducherry.
- Cleaning the Sitheri feeder channel, Aratchikuppam feeder channel, Bangaru channel, Nathamedu channels, and Kuttiyankuppam channels and Mettupalayam channel.
- Desilting the Pappammal drain from the off-take point at Muthilpet Permul Koil Street to confluence point at sea shore near Kuruchikuppam, Puducherry.
- Construction of protection wall in Right and Left bank of Irrigation channel on the upstream of existing culvert near Milk Society, Soriyankuppam village in Bahour Commune, Puducherry.
- Construction of Protection wall to the Thamaraiikulam channel on the upstream side of villianur main road upto pipe culvert at Embalam village in Nettareppakkam Commune Puducherry (Reach-I Left and Right Bank)
- Reconstruction of culvert across the Vannur eri feeder channel near Vannur eri inlet point at Embalam in Nettareppakkam Commune, Puducherry.
- Desilting the Guduvaiyar river from the Downstream side of Mangalam road culvert to Thirukanchi village at Villianur Commune, Puducherry.
- Providing BT road to Irular kudi Irrupp around Rasankulam at Katerikuppam in Mannadipet Puducherry.
- Demarcation and providing boundary stones to the supply channel Sorapattu Pudueri in Mannadipet Commune Panchayat, Puducherry.
- Improvements to the inspection track of Vikkaravandi channel from Kunuchampet Pudueri feeding channel to Govt. school culvert in Kunichampet village at Puducherry

- Providing and laying of RCC hump pipe at various places of pathway crossing channel at Mannadipet commune, Puducherry
- Pumpingout of stagnated storm water at Kottiswaran Nagar, Vedha Nagar, V.O.C. Nagar, Rajiv Gandhi Nagar, Vengateswara Nagar, Karikkalampakkam Village, Nettapakkam Commune, Puducherry.
- Construction of Drainage Channel from Muthu Nagar to Ajaman Nagar, Madukarai Village, Nettapakkam Commune, Puducherry.
- Construction of SANI Madhagu supply channel of Pandasozha Nallur Tank, Nettapakkam Commune, Puducherry.
- Reconstruction of link channel of Sengan Odai, Karikkalampakkam Village, Nettapakkam Commune, Puducherry.
- Construction of culvert across rainage Voikkal near Korukkumedu, Ariyankuppam Commune, Puducherry.
- Desilting the Pallamadhagu channel of Uruvaiayar tank, Uruvaiyar village, Villianur Commune, Puducherry.
- Providing gravel road over the Korkadu tank western road from Thanikuppam village to Korkadu tank supply course at Korkadu village Nettapakkam Commune, Puducherry.
- Reconstruction of Thanikuppam drainage channel syphone across korkadu feeder channel near Korkadu inlet in M.C. Puducherry.
- Repairing and Reconstruction of Aranganur tank surplus and sluices in Bahour commune, Puducherry.
- Repairing and Reconstruction of All Bahour tank sluices and outlet junction walls and shutter provision in Bahour commune, Puducherry.
- Reconstruction of Palla Madhagu and Mettu Madhagu of the Abishegapakkam Tank at T.N.Palayam Side T.N.Palayam Village, Arriyankuppam Commune, Puducherry.
- Reconstruction of the Diversion Shutter and protection works in the Ural Voikkal of the Abishegapakkam Tank, T.N.Palayam Revenue Village Ariyankuppam Commune, Puducherry.
- Construction of retaining wall on the Left and Right banks of Thamariakulam Thennal from newly constructed culvert for teugtn of logaet towards of west at Embalampet in Nettapakkam Commune, Puducherry.
- Fabrication supply and erection of steel screw gearing shuttering arrangement at Authuvoikal, head sluice at Sankaraparani River bed dam Puducherry.
- Reconstruction of protection wall along the left side bank of Gorimedu drain at Chinnayampet, Puducherry.
- Cleaning the Mettupalayam Channel from off-take point to Meenumoonji diversion point at Panaiyadikuppam village in Bahour Commune, Puducherry.
- Cleaning the Ouralkuttai channel of Kaduvanur village in Bahour commune, Puducherry.
- Cleaning the Kuttiyankuppam channel from Meenumoonji off take point to infall point at claw sheen of Krishnapuram road bridge in Bahour commune, Puducherry

- Providing retaining wall on both side of channel from surplus course of Perieri from ch.0m to 387m at Sandaipuduchkuppam pet in Mannadipet commune, Puducherry.
- Construction of retaining wall along the Vikkaravandy main channel near Chettipet colony in Mannadipet commune Puducherry.
- Providing premix carpet in the existing WBM road at Chettipet Ericarai road in Mannadipet commune, Puducherry.
- Fabrication supply and erection of steel screw gearing shutter arrangements at Sorapet Periya Eri surplus at Sorapet village Puducherry.
- Providing BT road on the Northern bund of Alankuppam Periyaeri leading to Govt. Poramboke land in Annai Nagar, Alankuppam, Puducherry
- Reconstruction of the Diversion Shutter and protection works in the Ural Voikkal of the Abishegapakkam Tank, T.N.Palayam Revenue Village, Puducherry.
- Reconstruction of Thukkupalam of Authuvoikkal of Abishegapakkam Tank, T.N.Palayam Village, Ariyankuppam Commune, Puducherry. 50.00 lakhs
- Construction of RCC culvert across Karaiyamputhur odaperi channel to access PADCO Housing colony at Karaiyamputhur village in Bahour commune.
- Cleaning the Irulanchandai thangal at Irulanchandaipet in Bahour Commune, Puducherry.
- Construction of retaining wall over the Pallamadhagu branch supply channel in the eastern side of ECR road culvert in Kirumampakkam, Bahour commune, Puducherry.
- Providing B.T road to bund road of supply channel from Katterikuppam tank to Kuppam tank in Mannadipet commune Puducherry.
- Construction of Palla Madhagu of Voikkal of Abishegapakkam Tank from T.N.Palayam Road Culvert at Thavalakuppam Village, Nettareppakkam Commune Puducherry.
- Reconstruction of culvert and channel at Approach Road of Sinkirikoil Village, Abishegapakkam Villaghe, Ariyankuppam Commune, Puducherry.
- Black topping the Approach Road main Road to Thukkupalam and Authuvoikkal culvert to Iyyanar koil T.N.Palayam Village, Ariyankuppam commune, Puducherry.
- Construction of drain at Manamedu drainage channel at Manamedu pet, Bahour commune, Puducherry.
- Construction of retaining wall and 2 nos. of culvert at Irulanchandai drainage channel in Bahour commune, Puducherry.
- Sinking of soil investigation bore well for the porposed construction of the Bed dam across River Guduvaiyar Near Melsathamangalam Village, Villianur Commune and High level Bridge at Nettareppakkam Village, Nettareppakkam Commune, Puducherry.
- Reconstruction of Bridge Cum Barrage across Malatar, Kumaramangalam, Puducherry.

- Desilting of 9 Irrigation tanks in Puducherry.
- Construction of Bed Dam across Guduvaiyar River, Melsathamangalam, Villianur Commune, Puducherry.
- Reconstruction of the damaged culvert and protection work across the drainage channel near Kasanthittu sudukadu at Andiyarpalayampet village Ariyankuppam Commune, Puducherry.
- Desilting Sathamangalam Thangal at Sathamangalam village in Villianur Commune, Puducherry.
- Construction of check dam and cause way across the river Guduvaiyar at Samamankulam in Villianur Commune, Puducherry.
- Repair the Mangalam anicut and Thirukanchi anicut at river Guduvaiyar in Villianur Commune, Puducherry.
- Construction of Protection wall in the South East corner of the Manakulam Abishegapakkam Village, Ariyankuppam Commune, Puducherry.
- Construction of Regulator Shutter in the foreshore bund of the Abishegapakkam Tank, T.N.Palayam Revenue Village, Ariyankuppam Commune, Puducherry.
- Construction “U” drains from B.Ed College to Annusampillaivoikal in Karaikal region.
- Desilting of various urban drainage channels in Karaikal region.
- Protection to the LB of Vanjjar near Valliyammmainagar grave yard in Karaikal
- Improvements to the KoozhkudichaAgraharam tank at KoozhkudichaAgraharam in Kottucherry commune
- Improvements to the Poovampet tank at Poovam in Kottucherry commune.
- Improvements Sana kulam at Narikurumbai pet in Nedungadu commune.
- Improvements to the tank Annavasal pet in Nedungadu commune.
- Reconstruction of Keezhakasakudy channel head sluice near Kuyavankulathupet at Keezhakasakudy village in Karaikal.
- Reconstruction of head sluice at Karuvapattam channel near Adaikalapuram pet in Nedungadu commune.
- Reconstruction of head sluice at Thiruvengadapuram pet in Nedungadu commune.
- Improvements to Vengadesaperumal temple tank in T.R.Pattinam commune (DLC approved 2012 – 2013).
- Improvements to Choleeswararkulam at Padutharkollai in T.R. Pattinam.
- Improvements to PooamandabamkoilkulamNadukalampet in Karaikal.
- Protection works to the Pathirikulam at Vizhidiyur (South) pet in Neravy Commune.
- Reconstruction of Odaikarai drain culvert in the LB of Mullaiyar at Naduoduthurai in Karaikal.
- Construction bed dam at various channels in Kottucherry commune.

- Desilting of various channel through PasanathararSangam in Kottucherry section.
- Desilting of various channel through PasanathararSangam in Nedungadu section.
- Desilting of various channel through PasanathararSangam in Thalatheru&Keezhakasakudy area.
- Improvements to the Parwatheesvarankovil tank in Karaikal region.
- Providing Retaining wall at the Northern side of the HitharfPallivasal Tank in Karaikal.
- Improvements to the Periyakulam at Thalatheru in Karaikal region.
- Improvements to the ThiruvettakudyThirumeniAzaharDevesthanakulam in Kottucherry commune.
- Desilting of Ponnaiyapillaikulam in Kottucherry commune.
- Improvements to the tank at Nallathur and Vadakattalai in Nedungadu commune.
- Improvements to the Udayarkulamat Melakasakudy village in Nedungadu commune.
- Improvements to the AkkaraivattamPaigal near Thellivoikal near infall point at Nadukkalampet in Karaikal.
- Reconstruction of pipe culvert across LB of Mullaiyar near foot bridge at Melaoduthurai in Karaikal.
- Construction of culvert across Akkaraivattam drainage channel near old bed dam at Akkaraivattam.
- Reconstruction of Pattavarthy channel infall regulator across RB of Mullaiyar near downstream of tail end regulator at Akkaraivattam in Karaikal.
- Improvements to the inspection track on the RB of Mullaiyar from Old bridge to NH road in Neravy commune.
- Providing B.T. and strengthening to the inspection track on the RB of Aazhwarkanni at Neravy.
- Improvements to the Aruppukuttai channel at VizhidiyurSouthpet in Neravy commune.
- Desilting of various channels in T.R.Pattinam section.
- Strengthening the banks of Kangeyan 'A' channel from Alathur road culvert to infall point at Vizhidiyur in Neravy commune.
- Strengthening the RB of Mullaiyar from Railway crossing to Karukkalacherryroad bridge at Karukkalacherry.
- Protecting the Left out eroded portion at RB of Vanjjar near Athangarai pet at Serumavilangai in Thirunallar commune.
- Construction of banks protection to the Senagnikulam at Thennangudy pet in Thirunallar commune.
- Reconstruction of Surakudy channel head sluice above Karukkankudy regulator in Thirunallar commune.

- Improvements to the Pidarikoilkulam at Neivacherry pet in Thirunallar commune.
- Desilting and improvements work to the Periyakulam at Pathakudy pet in Thirunallar commune.
- Desilting and Improvements work to the Anna Nagar pet kulam at Subrayapuram pet in Thirunallar commune.
- Protecting the four sides bank of Thazhnkuttaikulam and reconstruction of bathing ghat at Pandaravadai pet in Thirunallar commune.
- Protecting the RB of Thenoorvoikal at Subrayapuram pet in Thirunallar Commune.
- Desilting and strengthening the Vannankulam at Dharmapuram village in Karaikal.
- Improvements to Mariammankoilkulam at Nallambal in Thirunallar commune
- Augmentation of storage capacity of Chettikottagamlake in Thirunallar commune.
- Deepening the tank and strengthening the bund at various tank in Thirunallar commune.
- Special repair works to outlet of bore well (88) near railway line in Thirunallar.
- Providing inlet arrangement for ValathamangalamSitrari at Valathamangalam village in Thirunallar.
- Desilting and improvements to work for the Vannankulam at Nallambal in Thirunallar.
- Desilting and Improvements to work for the Pappankulam at Mupaithankudy in Thirunallar.
- Protecting the common bank of Pothavadaivoikal and periyavoikal in Kannapoor village.
- Protecting the RB of Puduthuraivoikal in Athipadugai road.
- Improvements work to Pillaiyarkoilkulam including inlet arrangement in Nallazhundur channel at Nallazhundur.
- Interlinking of French channel with Advipolam channel and Strengthening the existing earthen channel with RCC lining from Pillanka off-take point at Bank canal to Artikayalanka border limits of Yanam.
- Plantation of trees at various Flood Banks in Yanam region.
- Extension of drinking water supply line from ferry point to GMC Balayogi Varathi in Yanam.
- Providing and laying 160 mm dia PVC pipeline in the place of damaged pipe line and for improvements of water supply from Kanakalapeta water works chainage 0.00 mmts to 890 mts) upto NH 214 culvert in Yanam.

**Negotiated Loan**

- Construction of Anicut with High level bridge across Sankaraparani river connecting Kaikalapet and Suthukeny in Mannadipet Commune, Puducherry.
- Construction of Bed Dam cum Bridge across Pambaiyar near the Confluence point at Sellipet Village, Mannadipet Commune, Puducherry.
- Construction of check dam across river Sankaraparani at Chettipet in Mannadipet Commune, Puducherry
- Desilting of Oussudu tank in Puducherry
- Modernization of tanks located in T.N.Palayam and Nettapakkam Section
- Construction of Vallaveri Voikkal from Guru Nagar to Madukari Tank, Madukarai Village, Ariyankuppam Commune, Puduchery.

**6. Remarks** : Continuing Scheme