

URBAN DEVELOPMENT

PUBLIC WORKS

Providing sewerage facilities and sewage treatment is as important as potable drinking water to the community since pollution caused by sewage is more dangerous from the health point of view. The Government of the U.T. of Puducherry is taking steady effort in the recent years to provide sewerage facilities and sewage treatment plants in the coastal cities and towns so that the domestic waste including industrial waste is not discharged into the sea without proper treatment.

It has been programmed to provide the urban population with underground sewerage facilities under urban sewerage scheme. The total urban area of the Puducherry region is 24.33 sq.km and its population is 3.37 lakhs. For implementing the underground drainage scheme in urban areas of Puducherry, the entire urban area of 24.33 sq.kms has been divided into 9 Zones. In the first phase, Puducherry town within the Boulevard measuring 203 ha (zone I) has been provided with sewerage facilities and sewerage treatment plant and was commissioned during the February 1980. In the second phase (zone II), Muthialpet and adjoining to the North Boulevard to an extent of an area of 217 hectares has been taken up for providing underground sewerage facilities in the year 1983. Subsequently the sewerage facility was extended to Colas Nagar (part of Zone III) and connected with Zone I system. As a third phase, the sewerage facility was extended to the western area of the West Boulevard bounded by Kamaraj Salai on South, Uppanar drain on West, Krishna Nagar Main Road on North and Anna Salai and T.V.Nagar road in East (Part of Zone IV) during 1996 and connected with Zone I system. The areas of Venkata Nagar, Kamaraj Nagar and T.V.Nagar was commissioned during the March 2003. During the Annual Plan 2007-08, the zone III (sector II) has been taken up. During the annual Plan 2008-09, the works of the three phases of sector I of zone III is in progress. During the Annual Plan 2009-10, the extension of the sewerage facilities to Zone III south side of railway track covering areas of Mudaliarpeth, Bharathidasan Nagar, Avvai Nagar, Viduthalai Nagar, T.V.V.Nagar, Iyyappasamy Nagar, etc., have been undertaken. The sewerage scheme for Sudhana Nagar, Murungapakkam and surrounding areas are to be taken up. Sector II is proposed to be taken up under the financial assistance of JNNURM. During the Annual Plan 2010-11, Zone-III part IV is proposed to be taken up

Considering fast growing urban population in the U.T. of Puducherry, it is proposed to cover the entire urban population of Puducherry region with underground sewerage system and further it is proposed to be extended for outlying regions also.

ACHIEVEMENTS DURING 2008-09:

- 8 Nos. of habitations have been covered under Sewerage Scheme.

LIKELY ACHIEVEMENTS DURING 2009-10:

- Extension of sewerage facilities to the Sapthagiri Gargen, Puducherry.
- Balance work for the Sewerage Scheme for the area covered by Airport Road on West, Rajaji Nagar Main Road on East, Navalur Nedunchezhiyan School on North, Lawspet Main Road on South (ZoneV, SectorI, PhaseI, StageI) (Avvai Nagar, Rajaji Nagar and Part of Ashok Nagar) in Puducherry.
- Sewerage scheme for the area covered by Cuddalore road, Railway track, Jawahar Nagar, and NH 45A, (Zone-III, Sector-I, Phase-II) (Trunk sewer and pumping main) in Puducherry (Balance work part).
- Extension of sewerage facilities to the newly formed area of Palaniraja Udayar Nagar near Vinoba Nagar in Puducherry.
- Extension of sewerage facilities to the newly developed area of Iyyappan Nagar in Puducherry.
- Supplying, erecting and commissioning of multi length UV visible single beam spectrophotometer designed for water analysis in Bio-Chemistry Lab at Main Pumping Station at Kuruchikuppam, Puducherry.
- Sewerage scheme for the leftout areas of Zone-III, Sector-I, Reach -II and Malar street of Orleanpet Constituency, Puducherry.
- Sewerage scheme for the leftout area covered by NH45-A Road, Pathmavathy Hospital road (Zone-III, Sector-I, Phase-I) in Puducherry.
- Extension of sewerage facilities to the newly developed area of Mahatma Nagar in Puducherry.
- Sinking of new suction well and interlinking the same with the old suction well at Drainage Intermediate Pumping Station, Karuvadikuppam, Puducherry.

- Purchase of truck mounted combination machine (JET SUC) of 7000 litres capacity including the chassis for the maintenance of sewerage system in Puducherry.
- Providing conveyance lines for treated effluent from Sewage Farm to Venus Theatre drain, Puducherry.

PROPOSED TARGETS FOR 2010-11:

- Purchasing one number of 7000 litres jetting and suction machine including chassis for the maintenance of sewerage system in Puducherry.
- Providing and laying Effluent Disposal pipes from Sewage Farm, Lawspet, Puducherry.
- Sinking of 1 no of new suction wells at Debasanpet Pumping Station, Puducherry.
- Construction of collection wells and pumphouse for Lawspet Scheme.
- Replacing the damaged electrical cables including providing lighting arrangement at IPS, Karuvadikuppam, Puducherry.
- Purchasing one number of jetting machine 3000 litres capacity for the maintenance of sewerage system in Puducherry.
- Sinking of new suction well and interlinking the same with the old suction well at Drainage Intermediate Pumping Station, Karuvadikuppam, Puducherry.
- Replacement of RCC Trunk Sewer from SPS to MPS with DI pipes Phase II.
- Sinking of a new suction well at MPS at Kuruchikuppam, Puducherry.
- Providing and laying of a new Ductile Iron Pumping main from Debasayanpet Pumping Station to newly proposed collection well and Drainage Pumping Station site near ECR.
- Supplying, erection and commissioning of one no of 20 HP non-clog submersible pumpset at the new suction well at Debasanpet, Puducherry.
- Sewerage Scheme for the area covered by Lenin Street, Kamaraj Street, ECR and NH45A (Zone-IV, Sector-IV, Phase-I) (Anna Nagar, D.R. Nagar, Thirumal Nagar and its surrounding areas).
- 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).

- Extension of Sewerage Facilities to left out area of Rajiv Gandhi Nagar, Sarathi Nagar, Kennedy Nagar, MGR Street and its surrounding areas of Zone IV, Puducherry.
- Providing raising main from Periyar Nagar school to pumphouse and extension of sewerage facilities for the leftout area like Sundarrajan Nagar(East) and surrounding area in Zone-III, Sector-I.
- Extension of sewerage facilities to Jhonsi Nagar II cross and Indhu street and surrounding areas in Zone-III, Sector-I, Phase-I Puducherry.
- Supply erecting and commissioning of two numbers of motor and pumpset at Periyar nagar drainage pumping station, Puducherry.
- Supply erecting and commissioning of 160KVA/120KW generator set at Periyar Nagar intermediate pumping station, Puducherry.
- Providing and laying sewerage pumping main from Periyar Nagar pumphouse to Kubert Nagar intermediate pumping station (Leftout Balance Work).
- Sewerage scheme for the area covered by Sudhana Nagar and adjoining areas (Zone-III, Sector-III) in Puducherry.
- Sewerage scheme for the area covered by Sudhana Nagar and adjoining areas (Zone-III, Sector-IV) in Puducherry.
- Construction of 5.0MLD capacity sewerage treatment plant near Sudhana Nagar (Zone-III, sector-V) in Puducherry.
- Construction trunk sewer ZoneV for Lawspet scheme.
- Sewerage scheme for the area covered by Lenin street, Kamaraj Street, ECR and NH45A (Zone IV, Sector IV, Phase-II) (Sakthi Nagar, Velmurugan Nagar, Vennila Nagar).

TOWN AND COUNTRY PLANNING

The preservation of the city's heritage and all other works related to beautification of city is the prime objective. Improving the environmental conditions of slums in urban areas through extension of a package of basic services like improved roads/ pavements, storm water drain, public bath and toilet, water supply facilities etc.

Preparation of District/Regional Plans for the planned development and growth of commune headquarters and next order settlements is also a priority area.

This is being done in accordance with the concept and decentralisation of functions and strengthening of local bodies as envisaged in the 73rd and 74th Constitutional Amendments.

Also to optimize the efficiency of road network by undertaking improvement works to important roads and junctions, laying and construction of bye pass road, signalizing road intersection, construction of bus-shelters, installation of road signs, provision of road markings and other measures to resolve traffic congestion and bottleneck problems in urban areas, to encourage cities and to improve their existing service levels by executing infrastructural projects sustainable, to bring in reforms in Urban Governance.

ACHIEVEMENTS DURING 2008-09 :

- 3 link roads have been improved viz., 1). Link road between Nainarmandapam and Thengaithittu Main road 2) Link road between Nainarmandapam and Mogambigai Nagar and 3) Link road between Airport road and Navakulam Main road Under Capital Development Project scheme.
- 8070 urban slum dwellers were benefited by improving environmental conditions in urban slums.
- The District Plan and Urban area Plan for Karaikal were given to the Survey of India for digitization under 'National Urban Information System' (NUIS).
- Improvement works to the Truck Terminal.

JNNURM

The projects "Integrated solid Waste Management in Puducherry Urban area" and Augmentation of Water Supply scheme for Yanam Town" has been approved by the Ministry of Urban Development. Ministry of Home Affairs released an amount of Rs.9.932 Crores as Central share for the project "Integrated solid Waste Management in Puducherry Urban area". Government of Puducherry released an amount of Rs. 2.68 Crores towards the projects "Comprehensive Sewerage System for Puducherry & "Integrated solid Waste Management in Puducherry Urban area" as State share for the projects. Global Tender floated by Public Works Department on 7.1.2009 for the Sewerage project and technical bid opened on 25.3.2009.

LIKELY ACHIEVEMENTS DURING 2009 – 10 :

- 2 link roads will be improved viz.,1). Providing BT and drainage facilities to Guru Sithananda Nagar, Laws pet, Puducherry and 2) Providing C.C. Pavement from Maraimalaiadigal Salai to Govindasalai Main road, Puducherry under Capital Development Project scheme
- 7500 slum dwellers will be benefited under Environmental improvement in Urban Slums
- Proposals to establish Programme Management Unit for implementing JNNURM has been approved by MOUD.
- Proposals submitted to MOUD for Financial/Technical assistance to prepare Regional Plan for Puducherry.
- Improvement works to Truck Terminal at Mettupalayam.
- Improvement to important road , junctions, traffic signals. and Construction of bus shelters.

JNNURM

For the Project “Purchase of 50 Buses for urban transport under JNNURM” was approved by the Ministry of Urban Development. After completing tender formalities, Purchase order for buses has been issued to M/s. Ashok Leyland to release the buses before Dec’ 2009. For the project “Integrated solid Waste Management in Puducherry Urban area” Administrative Approval of the Government of Puducherry has been obtained and Local Administration Department had obtained Expression of Interest from 11 firms for execution of the project through BOOT basis. Request for proposal (Technical bid and Financial bid) has been called for. The project will be implemented during the month of January 2010 and 100% door to door collection of solid wastes in all wards will be completed. For the project “Augmentation of Water Supply scheme for Yanam Town” Administrative Approval of Government of Puducherry has been obtained. The Central share and State Share has been released for the project. The work will be commenced during this financial year. For the project “Comprehensive sewerage system for Puducherry”, Work Advisory Board decided to award tender to Lowest bidder and the work will be awarded before January 2010 after obtaining clearance from the Ministry of Home Affairs. Obtaining Additional Central Assistance (Central Share) for the project “Water Supply scheme for Karaikal Central Zone, Karaikal” by

requesting the Planning Commission to increase the share provided under UIDSSMT submission.

PROPOSED TARGETS FOR 2010 -11 :

- Improvement to important roads, beautification of city, extension of package of basic services to urban slums.
- Preparation of Regional plan for Puducherry and Karaikal.
- Conduct of Socio-Economic Survey for Urban Data Bank and Indicators under NUIS.
- Digitized Plan of Karaikal expected from Survey of India under NUIS scheme.
- Review of Master Plan for Yanam by engaging consultants using State-of-Art Technology.
- Improvement works to Truck Terminal at Mettupalayam
- Improvement to Traffic Signals and erection of bus shelters are the main programme to be implemented

JNNURM

Execution of the approved projects “Comprehensive sewerage system for Puducherry, Integrated solid Waste Management in Puducherry Urban area and Augmentation of Water Supply scheme for Yanam Town”. Operationalizing the 50 Buses If the funds are released, the project “Water Supply scheme for Karaikal Central Zone, Karaikal”, work will be awarded and commenced.

LOCAL ADMINISTRATION

Under Local Administration department, Grant-in-aid is released to Urban Local bodies to take up various capital projects including construction of market, parking slots, shopping complexes and other nature of works to provide infrastructural facilities within the Municipality limit. During this year it is proposed to conduct training to the elected members of the Local Bodies. It is also proposed to conduct programmes viz. Urban Self Employment Programme (Loan & Subsidy), Urban Women Self Help Programme, Skill Training and Revolving Fund under the Scheme Swarna Jayanthi Sahari Rozgar Yojana to improve the urban poor for a tune of Rs.100.00 lakhs. The focus during the 11th plan is encouraging the public private

partnership. The major projects proposed to be taken up under the sector are Integrated Solid Waste Management Project in all the four regions of Puducherry, Karaikal, Mahe and Yanam for a tune of Rs.800.00 lakhs. It is proposed to provide Rs.50.00 lakhs for the construction of Cremation shed, Karumadhi shed and for the improvement of the burial grounds. Rs.170.00 lakhs have been provided for the implementation of the Perunthalaivar Kamarajar Village Renaissance scheme in all the Municipal limits.

ACHIEVEMENTS DURING 2008-09

- Construction of Compound wall at Community Hall in Solaithandavankuppam
- Construction of Library / Anganwadi building at Sudana in Nainarmandapam
- Supply, erection, testing and commissioning of one LPG cremation with wet scrubber in the electric crematorium at Karuvadikuppam
- Construction of Community Hall at Arumathapurampet, Pitchaveeranpet and Tamil Annai Nagar in Oulgaret Municipality
- Improvement to the Municipal Kalyana Mandapam in Karaikal
- Construction of Multipurpose Hall at Panthakkal, Mahe (III Instalment)
- Improvements to the Council Hall at Mahe Municipality
- Construction of 12 nos. of Market sheds in New Market Complex, Yanam Phase -I
- Construction of Shopping Complex at Savithri Nagar, Yanam
- Garbage cleaning works were carried out for a tune of Rs.442.75 lakhs at various places of Puducherry / Karaikal / Mahe / Yanam regions.
- Construction of Compound Wall to the burial ground (SC) at Dubrayapet in Uppalam
- Providing cement concrete road at Pappammal Koil burial ground in Muthialpet
- Improvements to the Graveyard at Poomiyanpet
- Providing approach cement concrete road to the Prayer Hall at Udaiyan Kulam graveyard in Karaikal
- Construction of waiting hall at Christian Graveyard at Keezha Kasakudi, Karaikal
- Construction of 'U' shape drain road crossing culvert and passage around gallery in burial ground Kurusmpeta, Yanam
- Laying pavers to the internal roads in burial ground Kurusmpeta, Yanam

- Improvements to the platform at Thillai Maistry Street and Nainiyappar Street, Puducherry.
- Improvements to the drains at internal streets of Saram in Reddiyarpalayam Constituency
- Providing road facilities to the LGR layout Kalaignar Nagar, Pillaiheru Vasal in Karaikal
- Improvements to the walk way passing in front of Gurustana Kshetram from Mattankot and ended Rayaroth House
- Construction of side drain with protection wall to the 2nd cross road and laying cement concrete road to the left out portions of entrance in Dariyalatippa New Colony

LIKELY ACHIEVEMENTS DURING 2009-10

- Cleaning work will be carried out for a tune of Rs.1210.00 lakhs for all the 4 regions
- of Puducherry, Karaikal, Mahe and Yanam.
- Construction of Semi Permanent Shops at Murugaiyan Thidal for accommodating the Shopkeepers and Venders of Nehru Market.
- Construction of reading room at Mahe.
- Construction of Shopping Complex at Yanam

PROPOSED TARGETS FOR 2010-11

- Construction and improvement of Community Hall, Kalyanamandapam, Library Blocks, Anganwadi buildings and Markets in Puducherry, Karaikal, Mahe and Yanam Regions.
- Conduct of Training programmes to the elected members of the Local Bodies.
- Conduct of Urban Self Employment Programme (Loan & Subsidy), Urban Women Self Help Programme, Skill Training and Revolving Fund
- Garbage cleaning work will be carried out for a tune of Rs.8000.00 lakhs at various places of Puducherry/Karaikal/Mahe/Yanam Regions.
- Construction of cremation shed, Karumadhi shed and construction of compound walls for Puducherry/Karaikal/Mahe/Yanam Municipalities.
- Improvements to the roads, construction of school buildings, Anganwadi, Toilet Blocks, Markets under the Perunthalaivar Village Renaissance Scheme.

OUTLAY AT A GLANCE

Sector : URBAN DEVELOPMENT

No. of Schemes : 23

Department : 1. TOWN AND COUNTRY PLANNING
2. LOCAL ADMINISTRATION
3. PUBLIC WORKS

(Rs. in lakh)

Eleventh Five Year Plan 2007-12 Outlay	:	58216.88
Annual Plan 2007-08 Actual Expenditure	:	7185.02
Annual Plan 2008-09 Actual Expenditure	:	3747.01
Annual Plan 2009-10 Approved Outlay	:	9421.50
Annual Plan 2009-10 Revised Outlay	:	5104.10
Annual Plan 2010-11 Proposed Outlay	:	25290.39

(Rs. in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09	Annual Plan 2009-10		Annual Plan 2010-11
		Outlay	Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

TOWN AND COUNTRY PLANNING

1.	Capital Development Project	1000.00	118.00	150.00	100.00	200.00	200.00
2.	Environmental improvements in Urban Slums	500.00	109.00	140.00	60.50	60.50	80.00
3.	Town and Regional Planning	200.00	11.48	21.72	39.00	48.60	81.15
4.	Plan for Traffic and Transportation improvements of building	1500.00	80.00	159.60	100.00	200.00	200.00
5.	Urban Infrastructure Governance and Urban Infrastructure Development scheme for Small and Medium Towns (JNNURM)	2409.24	5085.00	1820.55	3795.00	3595.00	20130.39
Sub- Total		5609.24	5403.48	2291.87	4094.50	4104.10	20691.54

(Rs. in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09	Annual Plan 2009-10		Annual Plan 2010-11
		Outlay	Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

LOCAL ADMINISTRATION

6.	Financial assistance to Municipalities for construction and improvement of building	2000.00	250.00	543.33	60.78	140.91	240.00
7.	MLA Local Area Development Scheme	10900.00	--	--	--	--	--
8.	Training and visits	300.00	3.50	--	3.00	0.53	5.30
9.	Swarna Jayanthi Shahari Rozgar Yojana	1400.04	82.40	--	0.04	0.04	61.50
10.	Financial assistance to Municipalities for sanitation, solid and liquid waste management	3000.00	689.49	442.75	496.13	508.40	800.00
11.	Financial assistance to Municipalities for the revival of burial/cremation ground	500.00	50.15	56.15	10.00	0.03	50.00
12.	Grants to Municipalities for development of villages under Perunthalaivar Kamarajar Village Renaissance scheme	3233.00	170.00	169.96	80.00	0.04	170.00
13.	Strengthening of Municipal Administration	378.65	--	--	0.01	0.01	0.01
14.	JNNURM (Main Component)	7500.00	--	--	--	--	--
15.	Grant of untied funds to Municipalities	4900.00	100.00	--	0.04	0.04	0.04

(Rs. in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09	Annual Plan 2009-10		Annual Plan 2010-11
		Outlay	Actual Expdr.	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16.	Introduction of e-governance to Municipalities	500.00	--	--	--	--	--
17.	Financial Assistance to Municipalities for creating infrastructural facilities in the Tsunami affected areas	500.00	--	--	--	--	--
18.	Infrastructure Development - Negotiated Loan	--	--	--	2500.00	--	--
	Sub-Total	35111.69	1345.54	1212.19	3150.00	650.00	1326.85
PUBLIC WORKS							
19.	Creation and strengthening of integrated Urban infrastructure	17491.95	433.00	215.95	380.00	350.00	1476.00
20.	Setting up of Infrastructure Development Board / Corporation	1.00	--	27.00	1.00	--	--
21.	Creation of Infrastructural Facilities in Tsunami affected areas	3.00	3.00	--	--	--	--
22.	Sewerage project to cover remaining urban areas(JNNURM)	--	--	--	--	--	--
23.	Infrastructure Development - Negotiated Loan	--	--	--	1796.00	--	1796.00
	Sub-Total	17495.95	436.00	242.95	2177.00	350.00	3272.00
	Total	58216.88	7185.02	3747.01	9421.50	5104.10	25290.39