

FLOOD CONTROL

All the four regions in the Union Territory of Puducherry are lying in the coastal zone. It is proposed to take up the flood control works such as protection of the banks of the rivers and the channels in order to avoid flood erosion to protect the fields from inundation and protection of drainage system to avoid submerging of residential areas during the flood and rainy season. Providing inspection roads on channel bunds for inspection and regulator purposes, desilting works, forming of inspection tracks on the banks of various channels and existing damaged inspection tracks, restoration of breached and overtopped banks, coastal protection, construction of bed dams and check dams, and related flood control works will be taken up.

ACHIEVEMENTS DURING 2008-09:

- Reconstruction of the cross drainage works (syphon) between Ammaivoikal and Nellivoikal above Pettai road in Thirunallar Commune, Karaikal.
- Restoration of Nana Voikal – III reach from Porayar road culvert to Thiruvettakudy road Culvert in Kottucherry Commune, Karaikal.
- Standardization of left bank and right bank of Noolar from Sethur to Valathamangalam pet in Thirunallar Commune, Karaikal.
- Construction of Syphon Thalaganiar North near three vents regulator at Andoor for providing drainage arrangement to Sembinal village in Nedungadu Commune.
- Desilting of channels through Pasanatharar Sangam .
- Construction of Retaining structure along Godavari Creek against Tsunami at Savithri Nagar in Yanam.
- Widening and improvements to the road from Kursampeta to Savithri Nagar road and construction of Box culvert at Farampeta in Yanam.

LIKELY ACHIEVEMENTS DURING 2009-10:

- Reconstruction of Abishegapakkam Mettumagadu surplus course channel of Abishegapakkam tank.
- Reconstruction of Abishegapakkam pallamadagu surplus course channel of Abishegapakkam tank.
- Protection work on R.B. of Kirumampakkam of drainage channel from VAO back side to Mosque in Bahour Commune, Puducherry.

- Protection work of Kona madhagu sluice and construction of retaining wall at outfall point of Kona madhagu supply channel in Bahour Commune, Puducherry.
- Construction of drainage channel connecting Annai Street Voikkal to Shanmugapuram Vellavari.
- Reconstruction of retaining wall in the left bank of Flood eroded portion near the D/S side of Uruvaiyar bed dam, Villianur commune. Puducherry.
- Urgent repairs to the damaged left bank at the D/S of Villanur-Uruvaiyar bridge, Puducherry.
- Construction of protection wall near cement kalam in the Sitheri Authu voikal in Bahour Commune, Puducherry.
- Construction of protection wall near Konamadhagu channel super passage in the Sitheri Authu voikal in Bahour Commune, Puducherry.
- Construction retaining wall to the outer toe of Madagadipet tank.
- Desilting and reactivating the channel upstream side of Eri Amman kulam to ECR road chemfab.
- Desilting the drain starting from Mozhiyan kulam to Iyyanar koil Northern side of Poorankuppam Village in ACP.
- Providing road safety arrangements at the Villianur –Uruvaiyar bridge, Puducherry.
- Construction of culvert across the Gorimedu drain and Providing approach road from Vinoba Nagar to Government Press Staff quarters near Crane Park, Puducherry.
- Desilting and cleaning major canals in Puducherry urban/sub urban limits.
- Improvements to Krishna Nagar drain in Puducherry (from Krishna Nagar road at II cross street culvert to infall point at Rainbow Nagar drain) Phase-III.
- Reconstruction of existing culvert across Karuvadikuppam drain at Krishna Nagar near Ambika theatre in Puducherry.
- Desilting of Uppar drain from Sithankudisai (Back side of Selvam theatre) to the bridge near Balaji theatre Puducherry.
- Construction of RCC drain from Ellapillaichavady junction to Anna Nagar in Puducherry.
- Approach to the Kalaivani street in Jaya Murthy Raja nagar from PSCB colony at Pallavoikal in Olandai Kerapalayam village Puducherry.

- Construction of “U” drains from Kanakan Eri Nadu Madhagu to Pillayar Koil street at Kanakan Eri, Puducherry.
- Improvements to the LB of Thalaganiyar North from Athiyadi head sluice to grand canal head sluice in Kottucherry.
- Improvements to the inspection path and Strengthening RB of Nandalar and Thalaganiyar North from Kottagam road to Thondamangalampet.
- Strengthening the raising the LB and RB of Mugunthanoor drainage channel from Kuthiraikuthi syphon to infall point.
- Improvements to Alwarkanni channel at Mullaiyar.
- Desilting of Kusumkattalai channel infall above and below Lemair bridge.
- Construction of outfall sluice for Oduthurai vadigal in the LB of Mullaiyar in Neravy Commune.
- Construction of outfall sluice for Nadukanni in the RB of Mullaiyar in Neravy commune.
- Construction of syphon across Thalaganiyar north near 3 vent Regulator at Andoor for Providing drainage arrangements to Sembiayangal village.
- Protecting the common bank of Noolar opposite to Vazhikarai amman kovil at Thirunallar.
- Construction of 3 Nos. of bed dam across Akkaravattam Channel and Kovilpathu Channel near South pet in Neravy.
- Construction of tail end bed dam at Subrayapuram drainage channel.
- Bank protection works for channel along Palloor Vayal in reaches.
- Providing rough stone pitching for channel from Navodaya campus to Moolakadavu Bridge (II reach).
- Flood Management programme for Yanam region – Payment of consultancy charges for Preparation of detailed Project report.
- Dredging thengaithittu lagoon and forming flood bank for landing fishing boats during cyclone and Tsunami.
- Forming of flood bank by cutting pilot channel on the left bank of Chunnambar at Nonankuppam village in Ariankuppam commune.
- Construction of control room Sitheri anicut in Kuruvintham in Bahour Commune.
- Construction of anicut cum low level causeway across the river Pennaiyar at Aratchikuppam Village in Bahour Commune, Puducherry.
- Construction of Ring bund around Island No.3 near Dariylalthippa village, Yanam.

- Construction of Dream way –cum- drainage system from Gramathi to 110 K.V.Sub station Palloor.
- Protecting the bank and construction of footpath –cum- drainage from Anavadukal to Boulevard road Mahe.
- Bank protection for channel from Palloor Sub-station to Aravilagath palam.
- Protecting the Bank and construction of drainage system from Sub jail to Puthalam on southern side of I.K.Kumaran Master road ,Mahe.
- Improvements to Krishna Nagar drain in Puducherry (from Krishna Nagar road at II cross street culvert to infall point at Rainbow Nagar drain) Phase-III.
- Conversion of Gorimedu ravine into Flood carrier–cum–Road from Jeevandapuram to State Border at Thattanchavady.
- Improvements to inspection track and strengthening the RB of Nandalar Thalaganiar north from Kottagam R/C to Thondamangalampet, Nedungadu Commune, Karaikal.
- Desilting of channels, canals, tanks and kulams.
- Construction of tail end bed dam at Subrayapuram drainage channel in Karaikal.

PROPOSED TARGETS FOR 2010-11:

- Improvements to Krishna Nagar drain in Puducherry (from Krishna Nagar road at II cross street culvert to infall point at Rainbow Nagar drain) Phase-III.
- Reconstruction of existing culvert across Karuvadikuppam drain at Krishna Nagar near Ambika Theatre in Puducherry.
- Construction of protection wall on the left bank of Suthukeny channel near inlet Regulator at Pathukannu in Puducherry.
- Construction of protection wall on the right bank of Suthukeny channel at Koonimudakku shelter in Puducherry.
- Strengthening the left bank of Malatar from Authuvoikkal culvert to T.N.Palayam road at T.N.Palayam, Puducherry.
- Strengthening the left bank of Malatar from Kumaramangalam regulator to T.N.Palayam road bridge.
- Protecting the left bank of Malatar from Nettapakkam tank offtake to Rengaredypalayam – IInd reach.

- Improvements to surplus channel from Sembodai channel from Kalitheerthalkuppam upto Pambaiyar.
- Protecting the left bank of river Pennaiyar at Chinna Aratchikuppam village.
- Construction of Thirubuvanai tank feeding channel (sellangal Odai) from Madagadipet road culvert to Thirubuvanai tank .
- Construction of protection wall on the left bank of Suthukeny channel near inlet regulator at Pathukannu in Puducherry.
- Construction of retaining wall, revetment and providing concrete approach to the Thuthipet New culvert in Villianur Commune, Puducherry.
- Construction of retaining wall and protection of banks in various location of Korkadu feeder canal.
- Improvements to the Nettapakkam Siphon and Siphon channel upto river Malatar.
- Construction of culvert across Kunjan Odai connecting Embalam Puthukuppam village and Keezhasathamangalam village, Puducherry.
- Construction of regulator arrangement and retaining wall in the surplus course of Abishegapakkam tank in Ariyankuppam Commune, Puducherry.
- Providing revetment to the Kaduvanur tank secondary feeder channel.
- Improvements to the tail end regulator of Mullodai channel.
- Forming flood bank on the left bank of Pennaiyar using desilted earth from Manamedu tank at Manamedu village.
- Desilting of channels in Noolar system through Pasanathar Sangam.
- Strengthening the Cantour bund at Valathamangalam.
- Construction of 5 Nos. of bed dam at Pattinam Channel near Padutharkollai.
- Improvements to the LB of Thalaganiyar North from Thondamangalam pet to Athiyadi H/S in Kottucherry.
- Formation and strengthening the Inspection track on LB of Pravadayanar from NH45A to tail end regulator.
- Raising and strengthening the RB of Thirumalairajanar from Panangattur bridge to tail end regulator.
- Raising and strengthening the LB of Pravadayanar from Nagore road to Thittacherry road.
- Widening culvert across Kokkuttery channel at Polagam in T.R.P. Commune.
- Strengthening the LB of Neravy channel above alathur Iron bridge.
- Desilting of various channels namely: Poovam Channel, Athiyadi Channel, Sakkiliyan Channel, Melakottucherry Drainage Channel, Nallathur Drainage

Channel, Mullipallam Channel, Kuthiraikuthy Channel, Thalatheru Channel, Grand Canal, Koozhaiyar Channel, Moonghilkuthu Channel.

- Bank protection for channel starting from Koppalam to Vayalil Peedika.
- Flood Management programme for Yanam region – Preparation of details project report.
- Construction of Dream way –cum- drainage system from Gramathi to 110 K.V.Sub station Palloor.
- Protecting the bank and construction of footpath –cum- drainage from Anavadukal to Boulevard road Mahe.
- Bank protection for channel from Palloor Sub-station to Aravilagath palam.
- Protecting the Bank and construction of drainage system from Sub jail to Puthalam on southern side of I.K.Kumaran Master road ,Mahe.

OUTLAY AT A GLANCE

Sector : FLOOD CONTROL
Department : PUBLIC WORKS

No. of Schemes : 3

(Rs. in lakh)

Eleventh Five Year Plan 2007-12 Outlay	:	14023.10
Annual Plan 2007-08 Actual Expenditure	:	2760.00
Annual Plan 2008-09 Actual Expenditure	:	1482.71
Annual Plan 2009-10 Approved Outlay	:	4827.98
Annual Plan 2009-10 Revised Outlay	:	3346.32
Annual Plan 2010-11 Proposed Outlay	:	4745.00

(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)
1.	Strengthening of Embankments and Channel improvements	11493.10	1202.00	983.23	967.18	933.43	2845.00 *
2.	Creation of infrastructural facilities in the Tsunami affected areas	2530.00	1558.00	499.48	2360.80	2360.80	400.00
3.	Negotiated Loan	--	--	--	1500.00	52.09	1500.00
Total		14023.10	2760.00	1482.71	4827.98	3346.32	4745.00

* Includes Rs.1400 lakhs towards 20% State Share of flood protection works in Yanam region.