

## FLOOD CONTROL

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. Construction of retaining walls, culverts, reconstruction of drains etc., are proposed under the Flood Control Sector in order to provide smooth discharge of storm water / waste water in the drainage channel. It is proposed to construct a retaining wall on both sides of the Karuvadikuppam Vellavari Voikal and lining work for a length of 420m from Vishnu Nagar to Ponniamman Koil under the Drainage Scheme.

The two major works are proposed to be taken up during the year 2013-14 on priority.

- Construction of High level bridge across Uppar drain on the downstream of existing railway bridge in Kalamman Koil thoppu Puducherry
- Construction of a bridge across Uppar drain on the downstream side of existing foot bridge in Annai Gandhi Memorial Nagar, Puducherry.

It is proposed to provide check dam across Noolar near Mathur channel head sluice, reconstruction of Nallambal regulator across Noolar, protecting the RB of Noolar at left out portion in Kumarakudy village, reconstruction of Manampet regulator across Thirumalairajanar, construction of foot bridge across Thirumalairajanar near Anathanallur regulator, reconstruction of Agaramangudy regulator across Vanjiar, reconstruction of Lingathady regulator across river Vanjiar will be taken up.

Mahe Division is functioning for making structural work for protecting the bank of the existing Rivers/ Channels to protect the valuable lands of Public providing access to the newly developed plots and also to improve the existing Sewerage System.

It is proposed to protect the river margin with necessary groynes from Artikayalanaka to G.M.C.Balayogi bridge for a length of 1.50 kms. Another river protection work at western side of Coringa river is carried out from Dommetipeta to Dariyalathippa for a length of 3.00kms. The island No.3 is also protected at river side.

Physical targets envisaged :

| Sl. No. | Item                          | Unit | Eleventh Plan (2007-08 to 2011-12) Actual Achievement | Twelfth Five Year Plan 2012-17 Target | Achievement 2012-13 | Annual Plan 2013-14 Proposed Target |
|---------|-------------------------------|------|---|---------------------------------------|---------------------|-------------------------------------|
| (1)     | (2)                           | (3)  | (4)   | (5)                                   | (6)                 | (7)                                 |
| 1       | Area provided with protection | Ha.  | 1525  | 2000                                  | 305                 | 350                                 |

## OUTLAY AT A GLANCE

Sector : FLOOD CONTROL

No. of Scheme : 1

Department : PUBLIC WORKS

(₹ in lakh)

|  |   |          |
|--|---|----------|
| Eleventh Plan 2007-12 Actual Expenditure | : | 11669.63 |
| Annual Plan 2011-12 Actual Expenditure   | : | 1828.53  |
| Annual Plan 2012-13 Approved Outlay      | : | 3356.20  |
| Annual Plan 2012-13 Revised Outlay       | : | 1809.24  |
| Annual Plan 2013-14 Proposed Outlay      | : | 1638.04  |

(₹ in lakh)

| Sl.<br>No. | Name of the Scheme                                     | Eleventh<br>Plan<br>2007-12 | Annual<br>Plan<br>2011-12 | Annual Plan<br>2012-13 |                   | Annual<br>Plan<br>2013-14 |                                |
|------------|--|-----------------------------|---------------------------|------------------------|-------------------|---------------------------|--------------------------------|
|            |  | Actual<br>Expdr.            | Actual<br>Expdr.          | Approved<br>Outlay     | Revised<br>Outlay | Proposed<br>Outlay        | Of which<br>capital<br>content |
| (1)        | (2)  | (3)                         | (4)                       | (5)                    | (6)               | (7)                       | (8)                            |
| 1.         | Strengthening of embankments and channel improvements. | 11669.63                    | 1828.53                   | 3356.20                | 1809.24           | 1638.04*                  | 1436.36                        |

\* Inclusive of ₹450 lakh under negotiated loan.

## Scheme No. 1

Sector : FLOOD CONTROL

Implementing  
Department : PUBLIC WORKS

1. **Name of the Scheme** : Strengthening of Embankments and Channel Improvements.
2. **Objective of the Scheme** :

The scheme is mainly intended for protection of banks of rivers and channels to avoid flood erosion and to protect the fields from inundation by construction of retaining walls, revetments, side drains, masonry drains, protection walls, footbridges, culverts, causeways, flood regulators and bridges.

Creation of Infrastructural facilities in the areas in order to avoid intuition of water from flood erosion due to the sea and also constructions of RCC drains in the vaikals in the Union Territory of Puducherry by availing negotiated loan.

### 3. **Actual Physical Achievements during Eleventh Five Year Plan (2007-12) :**

- i) 9 bed dams were constructed.
- ii) 125 no. of works for the reconstruction of drain were made.
- iii) 32 nos. of box culverts were constructed
- iv) 15960 mts. of B.T. road were laid.
- v) 32 nos. of works for construction of retaining wall for 725 mts were made.
- vi) 29 nos. of works for the protection wall / channels for 1021 mts. were made.
- vii) 3 high level bridges were constructed.
- viii) Constructions of drain to an extent of 6450 mts. were made.
- ix) 890 mts. approach road were made.
- x) 2835 mts. for the improvements of channels revetments.
- xi) 65 nos. of Left / Right bank of rivers were strengthened.

### 4. **Physical Achievements for the Annual Plan 2012-13:**

- i) 2 bed dams were constructed.
- ii) 15 no. of works for the reconstruction of drain were made.
- iii) 4 nos. of box culverts were constructed
- iv) 1250 mts. of B.T. road were laid.
- v) 2 nos. of works for construction of retaining wall for 54 mts were made.

- vi) 3 nos. of works for the protection wall / channels for 110 mts. were made.
- vii) Constructions of drain to an extent of 500 mts. were made.
- viii) 20 mts. approach road were made.
- ix) 401 mts. for the improvements of channels revetments.
- x) 7 nos. of Left / Right bank of rivers were strengthened.

**5. Proposed Physical Targets for Annual Plan 2013-14:**

- i) 14 no. of works for the reconstruction of drain will be undertaken.
- ii) 5 nos. of box culverts will be constructed.
- iii) B.T. road for 1350 mts will be laid.
- iv) 4 nos. of works for construction of retaining wall for 104 mts will be taken.
- v) 5 nos. of works for the protection wall / channels for 220 mts. will be constructed.
- vi) Drain to an extent of 500 mts. will be constructed.
- vii) 50 mts. approach road will be laid.
- viii) 472 mts. for the improvements of channels revetments will be provided.
- ix) 7 nos. of Left / Right bank of rivers will be strengthened.
- x) 3 bed dams will be constructed.

**Negotiated Loan**

- i) Construction of RCC drain for Oulgaret Pallavaoikal from Gundu Salai road Culvert (Moolakulam) NH 45A road culvert at Jaya Nagar, Puducherry (spill over).
- ii) Construction of a drain from perambai road culvert to Authuvoikal at Authuvoikal Villianur, Puducherry.
- iii) Improvements to Manavelly to Odaiampet channel in Villanur Commune, Puducherry

**6. Remarks** : Continuing Scheme